

### Work Order

<b>Work Order</b>	10037067543 loto demo/qew	<b>Scheduled Start Date</b>	08/16/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	08/16/2025
<b>Created By</b>	ERWOMACK@AMAZON.COM	<b>Date Started</b>	Reprint
<b>Created</b>	08/16/2025	<b>Date Completed</b>	08/16/2025 09:31
<b>WO Type</b>	PR Project	<b>Parent WO Class</b>	
<b>Department</b>	BBM Base Building	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty Safety</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Equipment Criticality</b>	2
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	BLDG.DOOR.RLRDOORS BUILDING, DOORS, ROLLER DOORS	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	ROLLER DOORS
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/16/2025	08/16/2025	
<b>Checklist</b>					
<b>Sequence</b>	<b>Equipment</b>	<b>Description</b>			<b>Result</b>
10	BLDG.DOOR.RLRDOORS	Does this task require LOTO to one or more energy sources?			Yes
20	BLDG.DOOR.RLRDOORS	Are photos of applied LOTO devices uploaded to this check (comment if not)?			Yes

### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

### Booked Hours

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	08/16/2025	08/16/2025	
Task Plan Instructions					
Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10037990650 IB Spiral room 3rd floor clean up and organization	<b>Scheduled Start Date</b>	09/06/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/06/2025
<b>Created By</b>	MJAMEROD@AMAZON.COM	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 03:32
<b>WO Type</b>	PR Project	<b>Parent WO Class</b>	09/14/2025
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	MJAMEROD

### Equipment

<b>Equipment</b>	BLDG.RME BUILDING, RME AREAS	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	BLDG.RME
		<b>Serial Number</b>	BLDG.RME.AREA

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BLDG.RME	Does this task require LOTO to one or more energy sources?	No
20	BLDG.RME	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

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- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

#### Booked Hours

Activity List						
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	
	Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	08/30/2025	08/30/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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### Work Order

<b>Work Order</b>	10037993569 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 05:43
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0311 TPA4-paKivaA03 ARSTOW RC0311	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0311	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0311	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

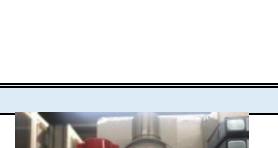
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	09/20/2025	09/20/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0311						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0311						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02
<b>Return To Operations</b>				
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02
320	Make sure the area is clean and free of any debris	0.02	1	0.02
330	Remove Lock Out/Tag Out	0.02	1	0.02
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02
<b>Total Job Plan Duration:</b>	<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>				
<b>Permits:</b>	Confined Space Entry	Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves			
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.				
Special Tools Needed:				

### Work Order

<b>Work Order</b>	10037993570 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 05:43
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0312 TPA4-paKivaA03 ARSTOW RC0312	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0312	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0312	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

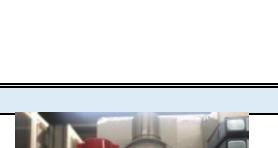
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	09/20/2025	09/20/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0312						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0312						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
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250	Check alignment with reflectors	0.02	1	0.02				
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Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02
<b>Return To Operations</b>				
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02
320	Make sure the area is clean and free of any debris	0.02	1	0.02
330	Remove Lock Out/Tag Out	0.02	1	0.02
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02
<b>Total Job Plan Duration:</b>	<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>				
<b>Permits:</b>	Confined Space Entry	Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves			
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.				
Special Tools Needed:				

### Work Order

<b>Work Order</b>	10037993605 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 05:43
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700163 TPA4-paKivaA03 HDU 700163	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700163

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700163	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700163	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

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Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
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Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/15/2025	09/15/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700163	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700163	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10037993606 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 05:43
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700476 TPA4-paKivaA03 HDU 700476	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700476

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700476	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700476	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		09/15/2025	09/15/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700476	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700476	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10037993607 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 05:43
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700505 TPA4-paKivaA03 HDU 700505	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700505

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700505	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700505	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/15/2025	09/15/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700505	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700505	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10037993608 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 05:43
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700507 TPA4-paKivaA03 HDU 700507	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700507

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700507	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700507	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		09/15/2025	09/15/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700507	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700507	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10037993609 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/30/2025	<b>Date Completed</b>	08/30/2025 05:43
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700508 TPA4-paKivaA03 HDU 700508	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700508

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700508	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700508	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/15/2025	09/15/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700508	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700508	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038043956 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/18/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/18/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	08/31/2025	<b>Date Completed</b>	08/31/2025 05:32
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700513 TPA4-paKivaA03 HDU 700513	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700513

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700513	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700513	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		09/13/2025	09/13/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700513	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700513	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038223048 AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Scheduled Start Date</b>	09/24/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/24/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/03/2025	<b>Date Completed</b>	09/03/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AMA.700-0101.26W AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Warranty Safety</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.FSS.PSC.3351 TPA4-paKivaA03 PSC 3351	<b>Manufacturer</b>	AR
		<b>Model</b>	PERIMETER SAFETY CONTROLLER
		<b>Serial Number</b>	2U6212501472

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/03/2025	09/03/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.FSS.PSC.3351	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.FSS.PSC.3351	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AMAZON ROBOTICS PSC 26 WEEK	TECH	09/24/2025	09/24/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	Is the PSC labelled/mark per the pre-procedure						
	3.FSS.PSC.							
	3351							
20	AR.ZONE.	Were there any "PS/Voltage Out of Limits" or "Bad Battery" errors present?						
	3.FSS.PSC.							
	3351							
30	AR.ZONE.	All wiring is neatly dressed and bundled, and free of damage?						
	3.FSS.PSC.							
	3351							
40	AR.ZONE.	Light stack remain illuminated for the 20 seconds the PSC was powered off?						
	3.FSS.PSC.							
	3351							
50	AR.ZONE.	If there was no voltage monitor, was the voltage measured to be below 25V						
	3.FSS.PSC.							
	3351							
60	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	3.FSS.PSC.							
	3351							
<b>Task Plan Instructions</b>								
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:34]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10">https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10</a>  Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038223083 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/24/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/24/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/03/2025	<b>Date Completed</b>	09/03/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700528 TPA4-paKivaA03 HDU 700528	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700528

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700528	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700528	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/13/2025	09/13/2025	

Checklist			
Sequence	Equipment	Description	Result
10	BOT.HDU.H1- WB-2125-700528	I have completed all tasks referenced on the task list of this PM	Yes
20	BOT.HDU.H1- WB-2125-700528	I have created a follow-up work order for any issues found during this PM	Completed: Yes

Task Plan Instructions					
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>					

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038223084 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/24/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/24/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/03/2025	<b>Date Completed</b>	09/03/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700530 TPA4-paKivaA03 HDU 700530	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700530

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700530	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700530	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		09/13/2025	09/13/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700530	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700530	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038303295 DEMATIC MEDIUM PM 13W	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/25/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/04/2025	<b>Date Completed</b>	09/04/2025 05:40
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.DEM.13W	<b>Priority</b>	4
<b>Problem Code</b>	DEMATIC MEDIUM PM 13W N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.LN.IF02 AMAZON ROBOTICS SYSTEMS, ZONE 03, LANES, INFEED 02	<b>Manufacturer</b>	DEMATIC
		<b>Model</b>	INFEED LANE
	<b>Serial Number</b>		

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/29/2025	08/29/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources? 3.LN.IF02	No
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)? 3.LN.IF02	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					
- take a photo directly or navigate to saved photos on your device					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	DEM Medium PM	TECH	09/19/2025	09/19/2025	
<b>Checklist</b>					
Sequence	Equipment	Description			Result
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430045				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430050				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430060				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430065				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430070				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430075				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430080				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430085				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430090				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430095				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430100				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430105				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430110				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430115				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430120				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430125				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430130				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430135				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430140				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430145				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430150				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:
	3.LN.IF02.430405				Yes
10	AR.ZONE.	CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS			Completed:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
	3.LN.IF02.430410				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430415				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430420				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430425				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430430				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430435				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430440				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430445				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430450				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430455				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430460				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430465				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430470				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430475				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430480				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430485				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430490				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430495				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430500				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430505				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430510				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430515				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430520				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430525				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430530				Yes
10	AR.ZONE. CHECK FOR ANY UNUSUAL NOISE, DAMAGE, DIRT, SMELLS				Completed:
	3.LN.IF02.430535				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430045				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430050				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430060				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430065				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430070				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430075				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430080				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430085				Yes

## Activity List

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
	3.LN.IF02.430505				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430510				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430515				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430520				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430525				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430530				Yes
20	AR.ZONE. CHECK TRANSMISSION COMPONENTS FOR ANY SIGNS OF DAMAGE				Completed:
	3.LN.IF02.430535				Yes
25	AR.ZONE. GREASE BEARINGS WITH NLGI 2 LITHIUM-BASED GREASE (UNTIL IT BEGINS TO PROTRUDE)				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430045				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430050				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430060				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430065				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430070				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430075				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430080				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430085				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430090				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430095				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430100				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430105				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430110				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430115				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430120				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430125				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430130				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430135				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430140				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430145				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430150				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430155				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430160				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430165				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430170				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430175				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430180				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430185				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430190				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430195				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430200				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430205				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430210				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430215				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430220				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430225				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430230				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430235				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430240				Completed:
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR				Yes
	3.LN.IF02.430245				Completed:

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430430				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430435				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430440				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430445				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430450				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430455				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430460				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430465				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430470				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430475				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430480				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430485				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430490				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430495				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430500				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430505				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430510				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430515				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430520				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430525				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430530				Completed: Yes
30	AR.ZONE. CHECK BELTS ARE FREE FROM DAMAGE AND WEAR 3.LN.IF02.430535				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430045				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430050				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430060				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430065				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430070				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430075				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430080				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430085				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430090				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430095				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY 3.LN.IF02.430100				Completed: Yes
40	AR.ZONE. CHECK ROLLERS ARE FREE FROM WEAR AND ARE ROTATING FREELY				Completed:



## Activity List

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
	3.LN.IF02.430450 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430455 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430460 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430465 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430470 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430475 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430480 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430485 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430490 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430495 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430500 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430505 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430510 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430515 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430520 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430525 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430530 ARE CLEAN AND ALIGNED				Yes
50	AR.ZONE. GUARDING IN SERVICEABLE CONDITION AND ALL SENSORS/CAMERAS				Completed:
	3.LN.IF02.430535 ARE CLEAN AND ALIGNED				Yes
60	AR.ZONE. CHECK THE CONDITION OF PNEUMATIC POWER AND COMPONENTS				Completed:
	3.LN.IF02.430050				Yes

### Task Plan Instructions

**R5 [02/13/2023 13:47]:**

Walk the system (all listed conveyors on the checklist) and pay attention to the general condition of the equipment. You are looking for any signs of pending failure! Use your following senses to make your assessment:- Look (any signs of: belt debris, bearing dust, missing components, etc...)- Listen (any signs of: abnormal noise, grinding, squealing, rattling, humming, etc...)- Smell (any signs of: motor burning, belt rubbing/warming, bearing failure, excessive heat, etc...) Focus needs to be applied to the specific items listed in the checklist for each equipment. Check condition, alignment and the correct attachment of these components. These are the main Transmission components (e.g. timing belt, drive pulleys, chain, drive sprockets, etc...) For any issue noticed on a particular equipment (conveyor), which requires further work in order to remedy the problem, tick the Follow-Up box on that line of the checklist and leave a note detailing what the issue is that needs correcting. Go to actions and click 'Create Follow-up WO' (the message left, will then appear on the Follow-Up WO).

### Booked Hours

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038500636 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	09/27/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/27/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0313 TPA4-paKivaA03 ARSTOW RC0313	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/06/2025	09/06/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0313	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0313	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

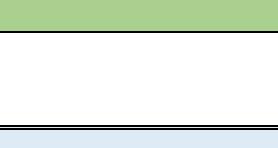
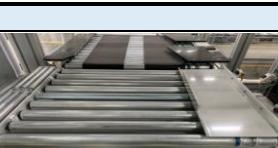
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	09/27/2025	09/27/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0313						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0313						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02	
<b>Return To Operations</b>					
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02	
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02	
320	Make sure the area is clean and free of any debris	0.02	1	0.02	
330	Remove Lock Out/Tag Out	0.02	1	0.02	
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02	
<b>Total Job Plan Duration:</b>		<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>					
<b>Permits:</b>	Confined Space Entry		Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves				
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.					
Special Tools Needed:					

### Work Order

<b>Work Order</b>	10038500637 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	09/27/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/27/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0314 TPA4-paKivaA03 ARSTOW RC0314	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/06/2025	09/06/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0314	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0314	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

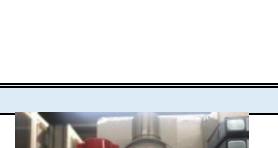
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	09/27/2025	09/27/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0314						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0314						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02
<b>Return To Operations</b>				
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02
320	Make sure the area is clean and free of any debris	0.02	1	0.02
330	Remove Lock Out/Tag Out	0.02	1	0.02
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02
<b>Total Job Plan Duration:</b>	<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>				
<b>Permits:</b>	Confined Space Entry	Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves			
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.				
Special Tools Needed:				

### Work Order

<b>Work Order</b>	10038500638 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	09/27/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/27/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0319 TPA4-paKivaA03 ARSTOW RC0319	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/06/2025	09/06/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0319	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0319	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-ARSTOW WEEKLY PM	TECH	09/27/2025	09/27/2025	

Checklist				
Sequence	Equipment	Description		Result
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0319		Yes
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0319		Completed: Yes

Task Plan Instructions					
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>					

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02
<b>Return To Operations</b>				
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02
320	Make sure the area is clean and free of any debris	0.02	1	0.02
330	Remove Lock Out/Tag Out	0.02	1	0.02
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02
<b>Total Job Plan Duration:</b>	<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>				
<b>Permits:</b>	Confined Space Entry	Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves			
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.				
Special Tools Needed:				

### Work Order

<b>Work Order</b>	10038500673 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700753 TPA4-paKivaA03 HDU 700753	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700753

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700753	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700753	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/13/2025	09/13/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700753	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700753	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038500674 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700754 TPA4-paKivaA03 HDU 700754	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700754

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700754	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700754	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/13/2025	09/13/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700754	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700754	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038500675 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700755 TPA4-paKivaA03 HDU 700755	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700755

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700755	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700755	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/13/2025	09/13/2025	

Checklist			
Sequence	Equipment	Description	Result
10	BOT.HDU.H1- WB-2125-700755	I have completed all tasks referenced on the task list of this PM	Yes
20	BOT.HDU.H1- WB-2125-700755	I have created a follow-up work order for any issues found during this PM	Completed:

Task Plan Instructions					
<p><b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>  Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a></p>					

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038500676 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700756 TPA4-paKivaA03 HDU 700756	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700756

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700756	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700756	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/13/2025	09/13/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700756	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700756	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038500677 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/06/2025	<b>Date Completed</b>	09/06/2025 05:28
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700757 TPA4-paKivaA03 HDU 700757	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700757

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/23/2025	08/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700757	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700757	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/13/2025	09/13/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700757	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700757	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038554120 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/24/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0311 TPA4-paKivaA03 ARSTOW RC0311	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0311	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0311	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	3.A.STN.AS.RC0311							
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	3.A.STN.AS.RC0311							
<b>Task Plan Instructions</b>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

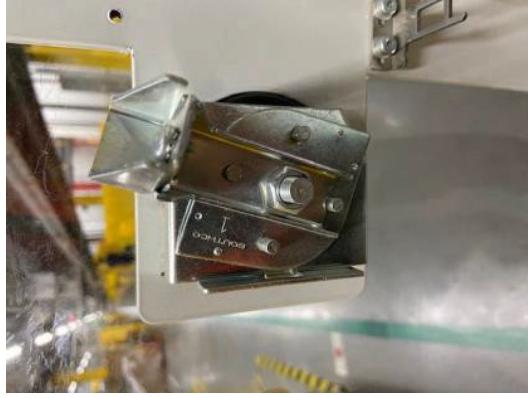
0.02

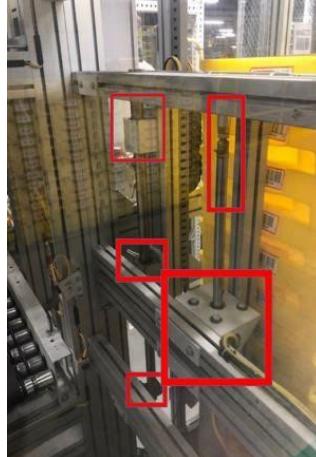
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554121 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/29/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0312 TPA4-paKivaA03 ARSTOW RC0312	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/08/2025	09/08/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0312	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0312	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSAW 4 WEEK PM	TECH	09/29/2025	09/29/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	3.A.STN.AS.RC0312							
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	3.A.STN.AS.RC0312							
<b>Task Plan Instructions</b>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

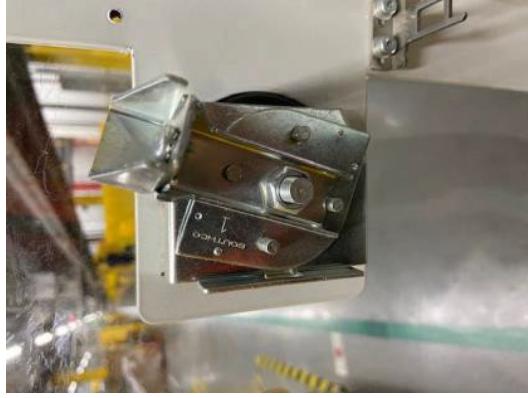
0.02

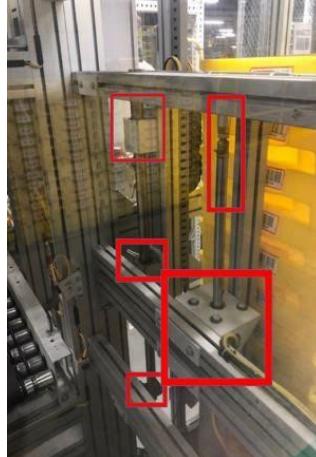
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554123 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/29/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0313 TPA4-paKivaA03 ARSTOW RC0313	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/08/2025	09/08/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0313	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0313	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
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Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSAW 4 WEEK PM	TECH	09/29/2025	09/29/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	3.A.STN.AS.RC0313							
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	3.A.STN.AS.RC0313							
<b>Task Plan Instructions</b>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

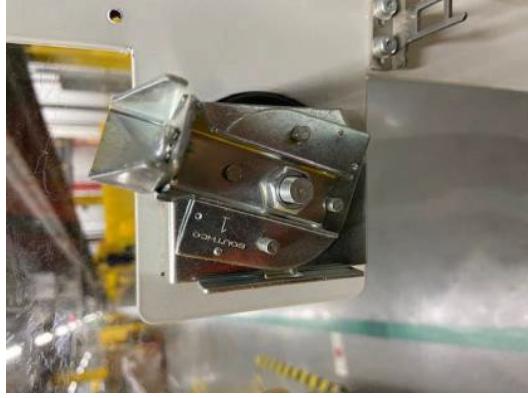
0.02

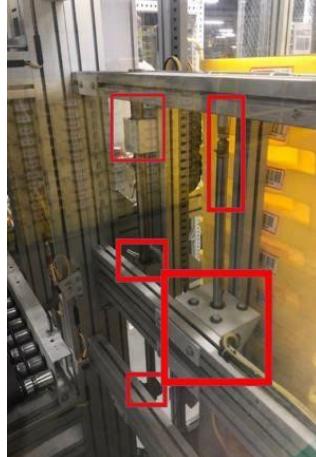
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554124 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/29/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0314 TPA4-paKivaA03 ARSTOW RC0314	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/08/2025	09/08/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0314	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0314	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

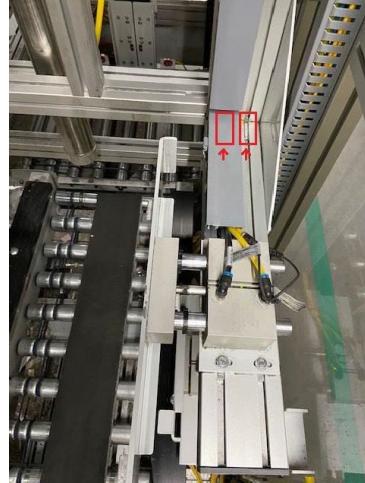
- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSAW 4 WEEK PM	TECH	09/29/2025	09/29/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0314						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0314						
<b>Task Plan Instructions</b>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

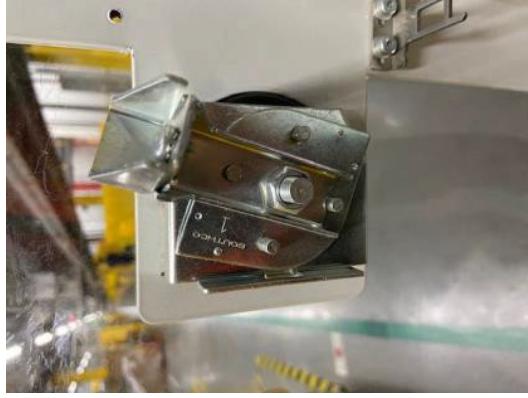
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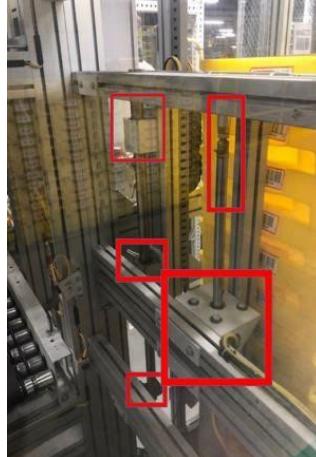
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554125 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/29/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0315 TPA4-paKivaA03 ARSTOW RC0315	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/08/2025	09/08/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0315	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0315	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSAW 4 WEEK PM	TECH	09/29/2025	09/29/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	3.A.STN.AS.RC0315							
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	3.A.STN.AS.RC0315							
<b>Task Plan Instructions</b>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

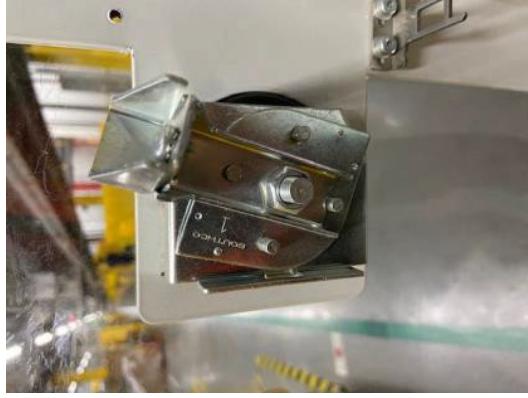
0.02

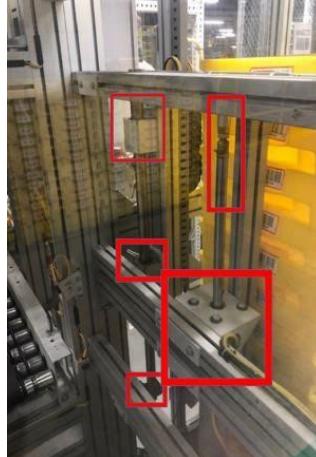
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554130 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.312 TPA4-paKivaA03 ARSAW 312	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSAW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.312	AR.ZONE. Does this task require LOTO to one or more energy sources? 3.A.STN.AW. 312	No
20	AR.ZONE.3.A.STN.AW.312	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)? 3.A.STN.AW. 312	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),

Activity List																	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
<b>Task Plan Instructions</b>																	
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												
<table border="1"> <thead> <tr> <th>Activity</th><th>Task Plan Description</th><th>Trade</th><th>Start Date</th><th>End Date</th><th>Supplier</th></tr> </thead> <tbody> <tr> <td>10</td><td>AMER-ARSAW 4 WEEK PM</td><td>TECH</td><td>09/28/2025</td><td>09/28/2025</td><td></td></tr> </tbody> </table>						Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025													
<b>Checklist</b>																	
Sequence	Equipment	Description															
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 312															
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 312															
<b>Task Plan Instructions</b>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

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140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

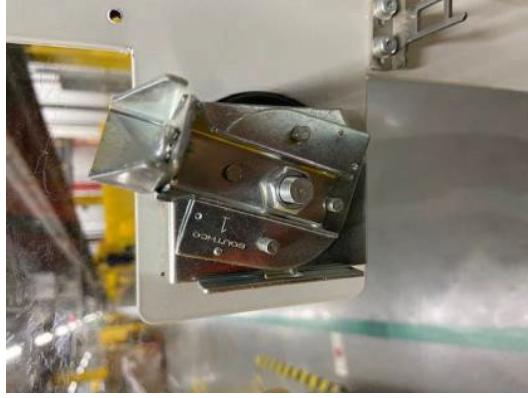
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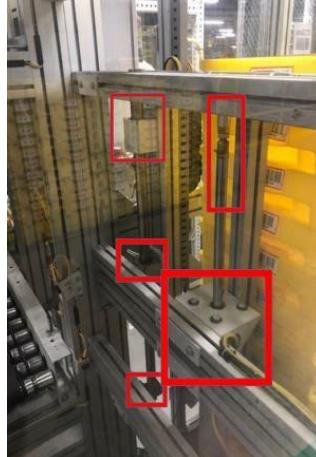
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554131 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.313 TPA4-paKivaA03 ARSAW 313	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSAW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.313	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AW.313	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

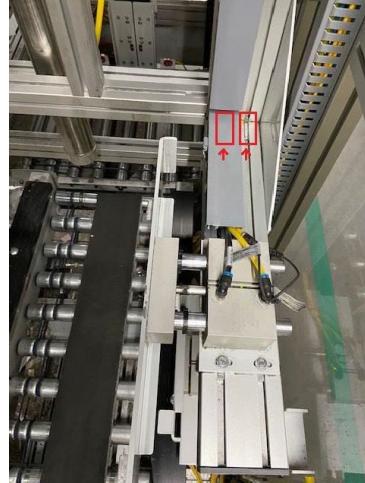
- select the checklist item (sequence 20),

Activity List																	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
<b>Task Plan Instructions</b>																	
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025													
<b>Checklist</b>																	
Sequence	Equipment	Description															
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 313															
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 313															
<b>Task Plan Instructions</b>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

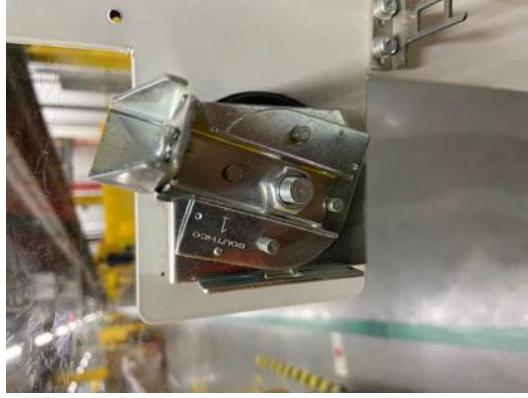
0.02

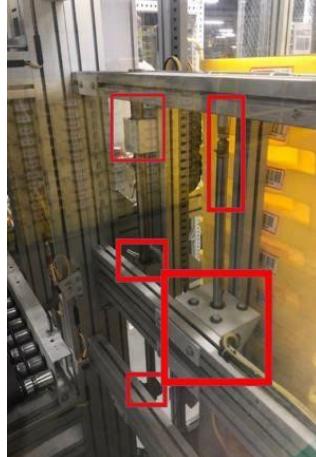
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554132 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.314 TPA4-paKivaA03 ARSAW 314	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSAW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.314	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AW.314	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
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Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 314						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 314						
<b>Task Plan Instructions</b>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

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150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

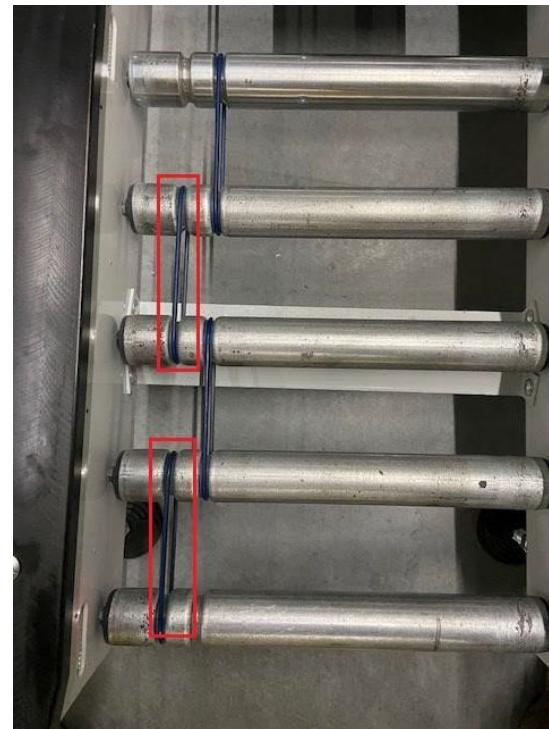
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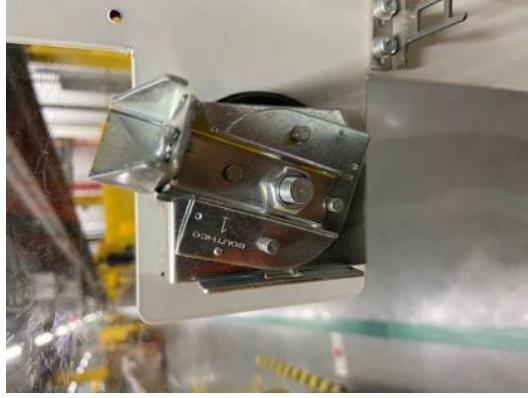
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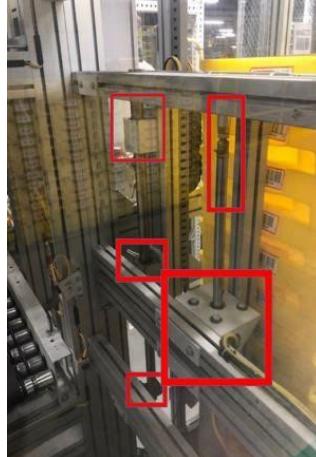
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0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554134 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.315 TPA4-paKivaA03 ARSAW 315	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSAW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.315	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AW.315	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),

Activity List																	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
<b>Task Plan Instructions</b>																	
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025													
<b>Checklist</b>																	
Sequence	Equipment	Description															
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 315															
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 315															
<b>Task Plan Instructions</b>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.</p> <ul style="list-style-type: none"> <li>-remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)</li> <li>-check gripper cylinders fasteners</li> <li>-check Main Air Cylinder mounting bolts</li> <li>-check all Gripper plates fasteners</li> <li>-check all proximity Sensors</li> </ul>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

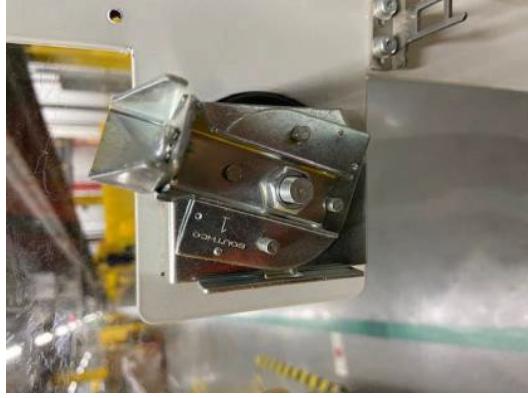
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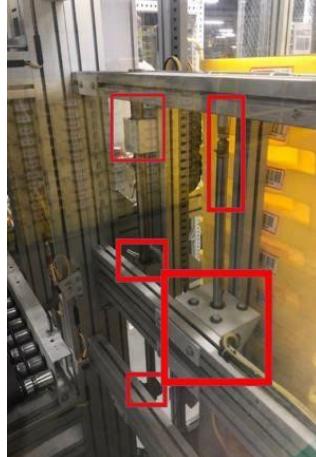
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554135 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.316 TPA4-paKivaA03 ARSAW 316	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSAW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.316	AR.ZONE. Does this task require LOTO to one or more energy sources? 3.A.STN.AW. 316	No
20	AR.ZONE.3.A.STN.AW.316	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)? 3.A.STN.AW. 316	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),

Activity List																	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
<b>Task Plan Instructions</b>																	
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												
<table border="1"> <thead> <tr> <th>Activity</th><th>Task Plan Description</th><th>Trade</th><th>Start Date</th><th>End Date</th><th>Supplier</th></tr> </thead> <tbody> <tr> <td>10</td><td>AMER-ARSAW 4 WEEK PM</td><td>TECH</td><td>09/28/2025</td><td>09/28/2025</td><td></td></tr> </tbody> </table>						Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025													
<b>Checklist</b>																	
Sequence	Equipment	Description															
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 316															
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 316															
<b>Task Plan Instructions</b>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

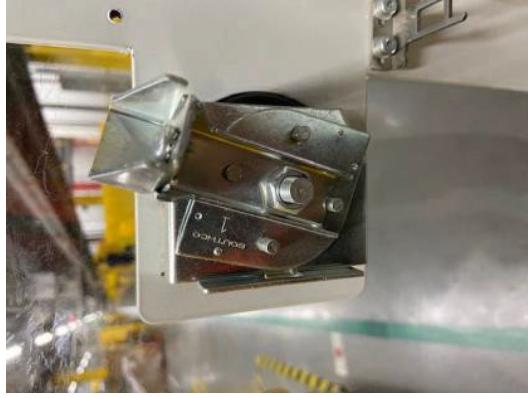
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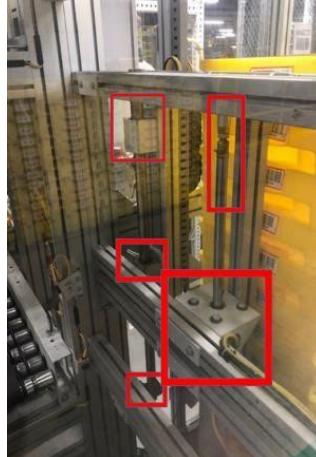
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0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554137 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.317 TPA4-paKivaA03 ARSAW 317	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSAW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.317	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AW.317	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),

Activity List																	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
<b>Task Plan Instructions</b>																	
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>																	
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Employee	Date	Time On	Time Off	Total Time	Type of Hours												
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025													
<b>Checklist</b>																	
Sequence	Equipment	Description															
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 317															
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 317															
<b>Task Plan Instructions</b>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	" <b>Take 2 for Safety</b> ". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.        -remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)          -check gripper cylinders fasteners          -check Main Air Cylinder mounting bolts          -check all Gripper plates fasteners          -check all proximity Sensors</p>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

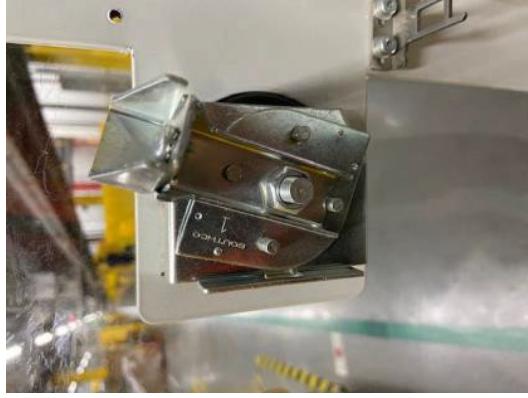
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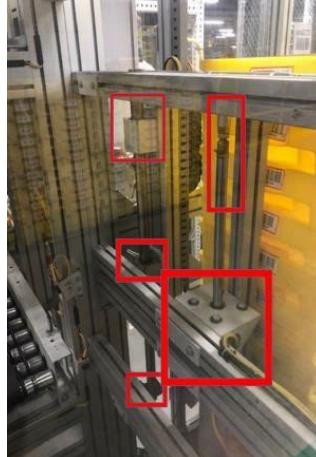
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038554138 AMER-ARSAW 4 Week PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/28/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/07/2025	<b>Date Completed</b>	09/07/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.INT.ARSAW.04.4W AMER-ARSAW 4 Week PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.318 TPA4-paKivaA03 ARSAW 318	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSAW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.318	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AW.318	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),

Activity List																	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
<b>Task Plan Instructions</b>																	
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												
<table border="1"> <thead> <tr> <th>Activity</th><th>Task Plan Description</th><th>Trade</th><th>Start Date</th><th>End Date</th><th>Supplier</th></tr> </thead> <tbody> <tr> <td>10</td><td>AMER-ARSAW 4 WEEK PM</td><td>TECH</td><td>09/28/2025</td><td>09/28/2025</td><td></td></tr> </tbody> </table>						Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025	
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier												
10	AMER-ARSAW 4 WEEK PM	TECH	09/28/2025	09/28/2025													
<b>Checklist</b>																	
Sequence	Equipment	Description															
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 318															
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 318															
<b>Task Plan Instructions</b>																	
<b>Booked Hours</b>																	
Employee	Date	Time On	Time Off	Total Time	Type of Hours												

### Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:			
Job Contact:	Location:	Asset ID#:			
Job Description: ARSAW 4 Week PM Technicians required: 2 Elapsed time: 1 hr.					
Job Scope					
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Is the site using the correct PM Schedule for this asset? PM Schedule activated should be <b>ARSAW.04</b>	0	1	0	
20	Complete <b>PTP</b> form before beginning job ,also Follow <b>OSHA, LOTO, NFPA, and Amazon Safety Policies</b> before placing hands on equipment.	0	1	0	
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0	
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0	
	Check for any open or recently repaired WO's in EAM.				
Visual Inspection					
50	Verify Safety Equipment (5 E-stops), as well as both door interlocks and E- stops for functionality.	0.03	1	0.03	
60	Document any repeat alarms or warnings from Alarms Menu in HMI and record in workorder closing notes.	0.03	1	0.03	

70	Inspect air regulator bowl for excess condensation. Purge if present.	0.03	1	0.03	
80	Listen for any abnormal noise/vibration.	0.03	1	0.03	
90	Ensure air regulator is set to 80 PSI.	0.03	1	0.03	
<b>ARSAW PM</b>					
100	Apply LOTO per Amazon Policy	0.02	1	0.02	

110	<p>Clean the entire ARSAW structural system. Use broom and dust pan to collect debris. Do not used forced air during production hours.</p>	0.03	1	0.03	
120	<p>Inspect ARSAW for loose fasteners and hardware.</p> <ul style="list-style-type: none"> <li>-remove wire tray from De-stacker arms and check loose fasteners holding arms to yoke assembly. (4 fasteners in total, 2 on each arm.)</li> <li>-check gripper cylinders fasteners</li> <li>-check Main Air Cylinder mounting bolts</li> <li>-check all Gripper plates fasteners</li> <li>-check all proximity Sensors</li> </ul>	0.03	1	0.03	

130

Ensure de-stacker arms are at  $90^\circ$ , this is crucial to prevent de-stacker faults.

0.05

1

0.07



140	Check 4 Allen head screws on all for de-stacker gripper plates and ensure tightness.	0.02	1	0.02	
150	<p>Under ARSAW check :</p> <p>Check 4 Allen shoulder screws holding the plastic guide rollers on both sides of the tote stopper plate. (total of 8 rollers per lane)</p>	0.02	1	0.02	

160	Check crown nut for tightness, and tighten if needed.	0.02	1	0.02	
170	Check both bolts holding the tote stopper cylinder on upper conveyor. Also ensure the tote stopper is parallel to the cross-feed conveyor.	0.02	1	0.02	

180

Check tension bands to be freed from debris that could be inhibiting proper operation, as well as tension. Create follow up if bands need to be replaced.

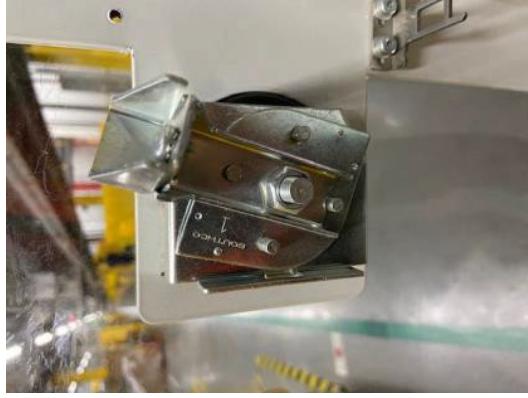
0.02

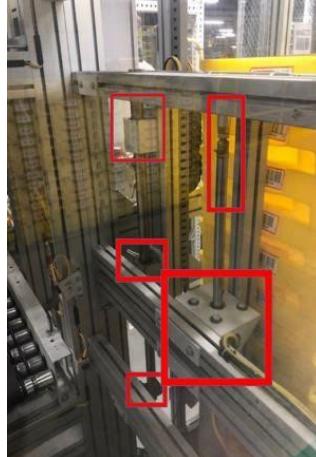
1

0.02



190	Check drive roller mounting bolt on upper conveyor to be present and not loose	0.02	1	0.02	
200	Check Station's Admisy Brush and ensure proper mounting. Replace brush if needed.	0.02	1	0.02	

210	Check VRC brush for loose fasteners. Replace brush if needed.	0.02	1	0.02	
220	-Inspect door latch assembly for loose fasteners and proper operation.	0.02	1	0.02	

	Verify lane rollers to be present, and create follow up if a replacement is needed.	0.03	1	0.03	
230					
	<b>Air Actuators and Pneumatic System</b>				
240	Validate all air fittings are securely fastened and thoroughly inspect all air lines throughout the system for cracks, leaks or wear.	0.03	1	0.03	
250	Clean all cylinders with a dry, clean rag.	0.03	1	0.03	
260	Clean any debris off of cylinder guide rods using a dry, clean rag.	0.03	1	0.03	

270	Inspect mounting bolts for tightness.	0.03	1	0.03	
280	Validate set screws are tight in place for cylinder guide rods.	0.03	1	0.03	
290	Validate the pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent. Make necessary adjustment if needed.	0.03	1	0.03	
<b>Photocells</b>					
300	Inspect for damaged or broken Photoeyes or hardware	0.03	1	0.03	
310	Clean all photocells and reflectors.	0.03	1	0.03	
320	Validate alignment with reflectors	0.03	1	0.03	

330	Inspect photoeye bracket for tightness.	0.03	1	0.03		
330	Inspect cables for tightness and damage.	0.03	1	0.03		
<b>Return To Operations</b>						
340	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.05	1	0.05		
350	Remove all tools from area and ensure they are all accounted for	0.04	1	0.04		
360	Make sure the area is clean and free of any debris	0.03	1	0.03		
370	Remove Lock Out/Tag Out	0.04	1	0.04		
380	Restart equipment, verify proper operation, no unusual noises or vibrations	0.04	1	0.04		
Total Job Plan Duration:		1.00		Total Backlog Hours:		1.00

Materials Required						
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#	
10	Broom & Dust pan	1	\$0.00	\$ -		
20	Clean, dry, lint-free cloth, paper towels, or cleaning wipes.	20	\$0.00	\$ -		
30		0	\$0.00	\$ -		
<b>Total Material Cost:</b> \$ -						
Safety Requirements						
Permits:		Confined Space Entry		Hot Work	Lockout/Tag out	X
PPE:	Safety Glasses, Safety Shoes, Gloves, Vest					
Additional Comments:						
Special Tools Needed:						

### Work Order

<b>Work Order</b>	10038608728 AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/08/2025	<b>Date Completed</b>	09/08/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.AMA.700-0101.26W AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.FSS.PSC.3423 TPA4-paKivaA03 PSC 3423	<b>Manufacturer</b>	AR
		<b>Model</b>	PERIMETER SAFETY CONTROLLER
		<b>Serial Number</b>	2U6212900066

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.FSS.PSC.3423	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.FSS.PSC.3423	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List							
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
<b>Task Plan Instructions</b>							
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
10	AMER-AMAZON ROBOTICS PSC 26 WEEK	TECH	09/20/2025	09/20/2025			
<b>Checklist</b>							
Sequence	Equipment	Description			Result		
10	AR.ZONE.	Is the PSC labelled/marketed per the pre-procedure			Yes		
	3.FSS.PSC.						
	3423						
20	AR.ZONE.	Were there any "PS/Voltage Out of Limits" or "Bad Battery" errors present?			No		
	3.FSS.PSC.						
	3423						
30	AR.ZONE.	All wiring is neatly dressed and bundled, and free of damage?			Yes		
	3.FSS.PSC.						
	3423						
40	AR.ZONE.	Light stack remain illuminated for the 20 seconds the PSC was powered off?			Yes		
	3.FSS.PSC.						
	3423						
50	AR.ZONE.	If there was no voltage monitor, was the voltage measured to be below 25V			No		
	3.FSS.PSC.						
	3423						
60	AR.ZONE.	I have created a follow-up work order for any issues found during this PM			Completed: Yes		
	3.FSS.PSC.						
	3423						
<b>Task Plan Instructions</b>							
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:34]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10">https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10</a>  Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		

### Work Order

<b>Work Order</b>	10038678239 AMER-NIKE 2.0 MULTIPURPOSE STATION ( AMAZON ROBOTICS 700-0012) 13 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/09/2025	<b>Date Completed</b>	09/09/2025 05:35
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MED.AMA.700-0012.13W AMER-NIKE 2.0 MULTIPURPOSE STATION ( AMAZON ROBOTICS 700-0012) 13 WEEK PM	<b>Warranty Safety</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Equipment Criticality Assigned To</b>	3 ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.313.3130 TPA4-paKivaA03 Station 3130	<b>Manufacturer</b>	AR
		<b>Model</b>	700-00211-001
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AW.313.3130	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AW.313.3130	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

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In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-NIKE 2.0 MULTIPURPOSE STATION ( AMAZON ROBOTICS 700-0012) 12 WEEK PM	TECH	09/20/2025	09/20/2025	

Checklist					
Sequence	Equipment	Description			Result
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AW. 313.3130			Yes
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AW. 313.3130			Completed: Yes

Task Plan Instructions					
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**HARISHNY@AMAZON.COM [05/19/2023 09:32]:**

If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC

**\*\*Attention!\*\*** Only individuals holding a valid ARU Certification Badge may perform this task list. If you are not holding a valid ARU Certification Badge for this task STOP! Do not perform this task and escalate to your manager immediately. By completing this PM you are stating that you are ARU PM certified and have followed all steps for the Nike Station 12 week PM listed on the AR Knowledge Center (link below). Failure to comply may result in corrective action.

[ ] 1. Copy and paste this web address into your internet browser:  
[https://share.amazon.com/sites/aru/SitePages1/kc/station/nike/nike\\_maintenance/pm-12-week-index.html](https://share.amazon.com/sites/aru/SitePages1/kc/station/nike/nike_maintenance/pm-12-week-index.html) [ ] 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times.

[ ] 3. Click the 13 Week Quarterly PM and follow all procedures without deviation.

[ ] 4. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.

**\*\*CLEAN UP AREA\*\***

[ ] 1. Put away all equipment and tools used

[ ] 2. Clean service area vacuum/sweep/wipe down  
[ ] 3. Ensure station is in its normal configuration

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  Check PiCon controller fans at P2R stations and Ensure it is clean</p>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038678274 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/25/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/09/2025	<b>Date Completed</b>	09/09/2025 05:35
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700321 TPA4-paKivaA03 HDU 700321	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700321

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/24/2025	08/24/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700321	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700321	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

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- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

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- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/14/2025	09/14/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700321	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700321	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038678275 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/26/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/26/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/09/2025	<b>Date Completed</b>	09/09/2025 05:35
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700323 TPA4-paKivaA03 HDU 700323	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700323

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700323	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700323	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		09/15/2025	09/15/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700323	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700323	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038678276 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/26/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/26/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/09/2025	<b>Date Completed</b>	09/09/2025 05:35
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700852 TPA4-paKivaA03 HDU 700852	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700852

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700852	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700852	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

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- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

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- click the camera symbol,
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Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/15/2025	09/15/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700852	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700852	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038678277 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/26/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/26/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/09/2025	<b>Date Completed</b>	09/09/2025 05:35
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700853 TPA4-paKivaA03 HDU 700853	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700853

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700853	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700853	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		09/15/2025	09/15/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700853	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700853	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038678278 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/26/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/26/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/09/2025	<b>Date Completed</b>	09/09/2025 05:35
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700854 TPA4-paKivaA03 HDU 700854	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700854

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/25/2025	08/25/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700854	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700854	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

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- select 'Add/Edit Checklist Items Documents'
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- select the checklist item (sequence 20),
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- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		09/15/2025	09/15/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700854	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700854	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038678328 AMER-AR DELTA CHARGER 3.1(H&P) 26 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/09/2025	<b>Date Completed</b>	09/09/2025 05:36
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AR.70001254.26W AMER-AR DELTA CHARGER 3.1(H&P) 26 WEEK PM	<b>Priority</b>	5
		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	CHRG.AR.8AG204213327 TPA4-paKivaA03 Charger 06	<b>Manufacturer</b>	DELTA
		<b>Model</b>	700-01254-EU-5
		<b>Serial Number</b>	8AG204213327

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	CHRG.AR. 8AG204213327	Does this task require LOTO to one or more energy sources?	Yes
20	CHRG.AR. 8AG204213327	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

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- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					
- take a photo directly or navigate to saved photos on your device					

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-AR PDU DELTA 700-01254 CHARGER 26W PM	TECH	09/20/2025	09/20/2025	

Checklist			
Sequence	Equipment	Description	Result
10	CHRG.AR.	I have completed all tasks referenced on the task list of this PM 8AG204213327	Yes
20	CHRG.AR.	I have created a follow-up work order for any issues found during this PM 8AG204213327	Completed: Yes

Task Plan Instructions					
<b>GIACOLET@AMAZON.COM [01/27/2025 10:30]:</b>					
Follow task plan instructions using the following link:					

<https://learning.robotics.amazon.dev/34793#/041ba382-a0bb-4da8-9ca7-18470532be36/Delta-charger-30-PHXSG-drives-26-week-maintenance>

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

## Maintenance Job Planning/Estimating Worksheet

Planner:	WO#:	Date:
Job Contact:	Location:	Asset ID#:
Job Description: AR DELTA CHARGER 26 WEEK PM		

## Job Scope

Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Pre-procedures, technician travel to/from charger, applicable paperwork			0.15	

# Clean Connector

20	Wipe the outside of the charger connector with a clean, dry cloth. If needed, use a dry blower to blow out any debris inside the charge connector.	0.05	1	0.05
				

## Verify Recharge Pins

30	<p>Use a flashlight and, if possible, a magnifier to inspect recharge pins for the following problems:</p> <ul style="list-style-type: none"> <li>-Cracking of the recharge connector housing</li> <li>-Separation between the front and rear connector housing pieces</li> <li>-Welded globs</li> <li>-Bubbling or melting of plastic around pins</li> <li>-Multiple pits greater than .25mm deep</li> <li>-Large area of pitting on the power pins</li> </ul> <p>If any of these situations exist, leave the area under the charger prohibited and create an EAM work order from PM to replace the recharge cartridge.</p>	0.05			  <p><b>Significant pitting</b></p>
		1	0.05		

**Total Job Plan Duration:** 0.1

**Total Backlog Labor Hours:**

0.25

## Materials Required

Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#
1000364	CARTRIDGE,INSERT PLASTIC		\$0.00	\$ -	
1003404	CHARGER 3.1 HOOK ARM ASSEMBLY		\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$0.00	\$ -	
			\$	\$ -	
			\$	\$ -	
			\$	\$ -	

**Total Material Cost:** \$

## Safety Requirements

**Permits:** Confined Space Entry      Hot Work      Lockout/Tagout

PPE:	Safety Glasses, Safety Shoes, Gloves
Additional Comments:	
Special Tools Needed:	
(Insert Job Site Photos)	

### Work Order

<b>Work Order</b>	10038750324 AMER-DEMATIC MODEL 9165 13 WEEK PM	<b>Scheduled Start Date</b>	09/27/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/27/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/10/2025	<b>Date Completed</b>	09/10/2025 05:40
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.DEM.9165.01.13W AMER-DEMATIC MODEL 9165 13 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	2
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.LN.IF02.430100 AMAZON ROBOTICS SYSTEMS, ZONE 03, LANES, INFEED 02, 430100	<b>Manufacturer</b>	DEMATIC
		<b>Model</b>	9165
<b>Serial Number</b>			

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/07/2025	09/07/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.LN.IF02.430100	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.LN.IF02.430100	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					
<ul style="list-style-type: none"> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>					

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-DEMATIC 9165 CONVEYOR 13 WEEK PM TASK	TECH	09/24/2025	09/24/2025	

Checklist				
Sequence	Equipment	Description	Result	
10	AR.ZONE. 3.LN.IF02.430100	I have completed all tasks referenced on the task list of this PM	Yes	
20	AR.ZONE. 3.LN.IF02.430100	I have created a follow-up work order for any issues found during this PM	Completed: Yes	

Task Plan Instructions					
<p><b>HARISHNY@AMAZON.COM [05/26/2023 12:06]:</b>          PLEASE USED ATTACHED JOB PLAN IN THE DOCUMENTS TAB.</p>					

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038750351 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/25/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/01/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/10/2025	<b>Date Completed</b>	09/10/2025 05:40
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700324 TPA4-paKivaA03 HDU 700324	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700324

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/10/2025	09/10/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700324	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700324	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	10/01/2025	10/01/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700324	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700324	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038750352 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/26/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/02/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/10/2025	<b>Date Completed</b>	09/10/2025 05:40
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700325 TPA4-paKivaA03 HDU 700325	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700325

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/11/2025	09/11/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700325	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700325	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	10/02/2025	10/02/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700325	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700325	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038750354 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	10/02/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/03/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/10/2025	<b>Date Completed</b>	09/10/2025 05:40
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700327 TPA4-paKivaA03 HDU 700327	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700327

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700327	Does this task require LOTO to one or more energy sources?	No
20	BOT.HDU.H1-WB-2125-700327	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	10/03/2025	10/03/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700327	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700327	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038839000 AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Scheduled Start Date</b>	10/02/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/02/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/11/2025	<b>Date Completed</b>	09/11/2025 05:41
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AMZ.FLR04.12W AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.SECTION.19 TPA4-paKivaA03 SECTION 12 01	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	19

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/11/2025	09/11/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.SECTION.19	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.SECTION.19	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	TECH	10/02/2025	10/02/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.SECTION. 19						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.SECTION. 19						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC								
<b>**Attention!**</b> Only individuals holding a valid ARU Certification Badge may perform this task list. If you are not holding a valid ARU Certification Badge for this task STOP! Do not perform this task and escalate to your manager immediately. By completing this PM you are stating that you are ARU PM certified and have followed all steps for the 12 week floor health PM listed on the AR Knowledge Center (link below). Failure to comply may result in corrective action.								
<input type="checkbox"/> 1. Copy and paste this web address into your internet browser: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a> <input type="checkbox"/> 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times. <input type="checkbox"/> 3. Before performing floor cleaning check floor scrubber brushes to ensure the correct soft nylon brushes are installed, the brushes have not worn down past the wear indicator and brushes are clean. Replace or clean if necessary. <input type="checkbox"/> 4. Ensure the squeegee is in good working order, replace if necessary. If floor scrubber leaves a trail of water while in use, this is indicative of a faulty squeegee. <input type="checkbox"/> 5. Click the 12 week floor health PM and follow all procedures without deviation. <input type="checkbox"/> 6. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.								
<b>**CLEAN UP AREA**</b> <input type="checkbox"/> 1. Put away all equipment and tools used <input type="checkbox"/> 2. Ensure floor area is clean and dry <input type="checkbox"/> 3. Ensure any fiducials replaced have been inspected and the floor is in a normal state before releasing								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> The following link is the new website for the floor cleaning instructions. The previous link is no longer functional. <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<b>Booked Hours</b>								

Activity List						
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	
Employee		Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038839001 AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Scheduled Start Date</b>	10/02/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/02/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/11/2025	<b>Date Completed</b>	09/11/2025 05:41
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AMZ.FLR04.12W AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.SECTION.20 TPA4-paKivaA03 SECTION 12 02	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	20

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/11/2025	09/11/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.SECTION.20	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.SECTION.20	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	TECH	10/02/2025	10/02/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	3.A.SECTION.							
	20							
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	3.A.SECTION.							
	20							
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC								
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<input type="checkbox"/> 1. Copy and paste this web address into your internet browser: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<input type="checkbox"/> 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times.								
<input type="checkbox"/> 3. Before performing floor cleaning check floor scrubber brushes to ensure the correct soft nylon brushes are installed, the brushes have not worn down past the wear indicator and brushes are clean. Replace or clean if necessary.								
<input type="checkbox"/> 4. Ensure the squeegee is in good working order, replace if necessary. If floor scrubber leaves a trail of water while in use, this is indicative of a faulty squeegee.								
<input type="checkbox"/> 5. Click the 12 week floor health PM and follow all procedures without deviation.								
<input type="checkbox"/> 6. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.								
<b>**CLEAN UP AREA**</b>								
<input type="checkbox"/> 1. Put away all equipment and tools used								
<input type="checkbox"/> 2. Ensure floor area is clean and dry								
<input type="checkbox"/> 3. Ensure any fiducials replaced have been inspected and the floor is in a normal state before releasing								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> The following link is the new website for the floor cleaning instructions. The previous link is no longer functional. <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<b>Booked Hours</b>								

Activity List						
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	
Employee		Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038882632 AO3 VESTED BLITZ	<b>Scheduled Start Date</b>	09/11/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/11/2025
<b>Created By</b>	ERWOMACK@AMAZON.COM	<b>Date Started</b>	Reprint 09/11/2025 18:45
<b>Created</b>	09/11/2025	<b>Date Completed</b>	09/11/2025
<b>WO Type</b>	CM Corrective	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
		<b>Priority</b>	5
		<b>Warranty</b>	
<b>PM Schedule</b>		<b>Safety</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FLR AMAZON ROBOTICS FLOOR	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/11/2025	09/11/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources? 3.A.FLR	No
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)? 3.A.FLR	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
	<b>Employee</b>	<b>Date</b>	<b>Time On</b>	<b>Time Off</b>	<b>Total Time</b>

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/11/2025	09/11/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
	<b>Employee</b>	<b>Date</b>	<b>Time On</b>	<b>Time Off</b>	<b>Total Time</b>

### Work Order

<b>Work Order</b>	10038900265 AO3 VESTED BLITZ	<b>Scheduled Start Date</b>	09/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/12/2025
<b>Created By</b>	ERWOMACK@AMAZON.COM	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 02:45
<b>WO Type</b>	CM Corrective	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FLR AMAZON ROBOTICS FLOOR	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources?	No
	3.A.FLR		
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No
	3.A.FLR		

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

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- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
	<b>Employee</b>	<b>Date</b>	<b>Time On</b>	<b>Time Off</b>	<b>Total Time</b>

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/12/2025	09/12/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
	<b>Employee</b>	<b>Date</b>	<b>Time On</b>	<b>Time Off</b>	<b>Total Time</b>

### Work Order

<b>Work Order</b>	10038905925 AMER-DEMATIC MODEL 9165 13 WEEK PM	<b>Scheduled Start Date</b>	10/04/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/04/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.DEM.9165.01.13W AMER-DEMATIC MODEL 9165 13 WEEK PM	<b>Warranty Safety Equipment Criticality</b>	2
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Assigned To Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.LN.TA.423330 AMAZON ROBOTICS SYSTEMS, ZONE 03, LANES, TAKEAWAY, 423330	<b>Manufacturer Model</b>	DEMATIC 9165
<b>Serial Number</b>			

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/13/2025	09/13/2025	

### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.LN.TA.423330	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.LN.TA.423330	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-DEMATIC 9165 CONVEYOR 13 WEEK PM TASK	TECH	10/04/2025	10/04/2025	

**Checklist**

Sequence	Equipment	Description	Result
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.LN.TA. 423330	Yes
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.LN.TA. 423330	Completed: Yes

**Task Plan Instructions**

**HARISHNY@AMAZON.COM [05/26/2023 12:06]:**

PLEASE USED ATTACHED JOB PLAN IN THE DOCUMENTS TAB.

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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### Work Order

<b>Work Order</b>	10038905935 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700332 TPA4-paKivaA03 HDU 700332	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700332

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700332	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700332	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/20/2025	09/20/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700332	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700332	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038905936 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	09/20/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700333 TPA4-paKivaA03 HDU 700333	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700333

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/30/2025	08/30/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700333	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700333	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	09/20/2025	09/20/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700333	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700333	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038905938 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	10/02/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/03/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700336 TPA4-paKivaA03 HDU 700336	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700336

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700336	Does this task require LOTO to one or more energy sources?	No
20	BOT.HDU.H1-WB-2125-700336	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List									
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier				
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH		10/03/2025	10/03/2025					
<b>Checklist</b>									
Sequence	Equipment	Description				Result			
10	BOT.HDU.H1- WB-2125-700336	I have completed all tasks referenced on the task list of this PM				Yes			
20	BOT.HDU.H1- WB-2125-700336	I have created a follow-up work order for any issues found during this PM				Completed: Yes			
<b>Task Plan Instructions</b>									
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>									
<b>Booked Hours</b>									
Employee	Date		Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10038927495 [CEL][Fid][1] Replace Fiducial - A2H2GE TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/12/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 09:05
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	3
<b>PM Schedule</b>		<b>Priority</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/12/2025 09:05]:**

Fiducial A2H2GE on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

**ERWOMACK@AMAZON.COM [09/14/2025 03:49]:**

Fiducial has been replaced and set as unknown status in MMA. Original fiducial shows in MMA "No matching equipment" / Vantage states "Fiducial replaced"

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/12/2025	09/12/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038928187 [CEL][Fid][1] Replace Fiducial - A8AZMN TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/12/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 09:06
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	3
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/12/2025 09:06]:**

Fiducial A8AZMN on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources?	No
	3.A.FID.01		
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No
	3.A.FID.01		

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/12/2025	09/12/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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### Work Order

<b>Work Order</b>	10038929506 [CEL][Fid][1] Replace Fiducial - A1UYEN TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/12/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 09:07
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	3
<b>PM Schedule</b>		<b>Priority</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/12/2025 09:07]:**

Fiducial A1UYEN on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

**ERWOMACK@AMAZON.COM [09/14/2025 03:49]:**

Fiducial has been replaced and set as unknown status in MMA. Original fiducial shows in MMA "No matching equipment" / Vantage states "Fiducial replaced"

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/12/2025	09/12/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10038948668 [CEL][Fid][1] Replace Fiducial - A0W1WT TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/12/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 15:22
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
		<b>Priority</b>	3
		<b>Warranty</b>	
<b>PM Schedule</b>		<b>Safety</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/12/2025 15:22]:**

Fiducial A0W1WT on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

**ERWOMACK@AMAZON.COM [09/14/2025 03:58]:**

Vantage alerted RME of the Fiducial having issues, upon inspection the fiducial currently was slightly blocked by amnesty / dirty. Cleaned and re-inspected.MMA "healthy status" / Vantage states issue resolved Fiducial Increased in quality. Closing w/o

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.FID.01	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.FID.01	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/12/2025	09/12/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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### Work Order

<b>Work Order</b>	10038987248 [TPA4][paKivaA03] - 3122,3124 - Station Issue > Equipment problem at station	<b>Scheduled Start Date</b>	09/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/12/2025
<b>Created By</b>	IONAPI	<b>Date Started</b>	Reprint
<b>Created</b>	09/12/2025	<b>Date Completed</b>	09/12/2025 20:48
<b>WO Type</b>	CM Corrective	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
		<b>Priority</b>	4
		<b>Warranty</b>	
<b>PM Schedule</b>		<b>Safety</b>	
<b>Problem Code</b>	JAM Equipment stopped due to products jamming but no component failure	<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AW.312.3122 TPA4-paKivaA03 Station 3122	<b>Manufacturer</b>	AR
		<b>Model</b>	700-00211-001
		<b>Serial Number</b>	

### Comments

**R5 [09/12/2025 20:48]:**

Direct Link to SIM Ticket

[Click here](#)

**R5 [09/12/2025 20:48]:**

Workflow name: Station Issues

Workflow selections > Issue selected: Equipment problem at station > Station impacted: Station(s)> Equipment selected: Tote Lift/Conveyance

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===== Details =====

Description of problem: This station is having issues with the destacker area it has been going up and down since start of shift

Date and time of issue: 2025-09-12 20:43 EDT

Affected equipment: Tote Lift/Conveyance

Station IDs: 3122,3124

\*\*\*\* View the Work Log of the TT for more diagnostic details \*\*\*\*

Zone(s) selected: paKivaA03

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===== Escalation information =====

If this issue is unable to be resolved by the local RME team, you can escalate this ticket to Amazon Robotics Technical Support by updating the ASSIGNED GROUP (on the left side of this ticket) to ARTS.

---

Path: /workflow/stationIssues

Ticket created with NAWS ARCHER

**R5 [09/12/2025 20:48]:**

Hello, Thank you for submitting a ticket to the TPA4 RME Team. If immediate attention is needed, reach out to an AMM or the on-shift Tech 3 (Shift Lead). If RME is already engaged in correcting the issue, please resolve the ticket yourself to help reduce redundant WOs. If this is a non urgent request TPA4 RME SLA is 14 days. Please also ensure you are using the proper ticketing system and templates when submitting requests: [https://w.amazon.com/bin/view/TPA4\\_RME/SIML\\_QUICKLINKS/](https://w.amazon.com/bin/view/TPA4_RME/SIML_QUICKLINKS/) We truly appreciate your partnership in helping RME shine. By Remedy User: arn:aws:sts::943850100407:assumed-role/SnowEngine-Service-Role/SnowEngine-ServicCreated(GMT): 2025-09-13T00:44:31

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
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Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/12/2025	09/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources? 3.A.STN.AW. 312.3122	No
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)? 3.A.STN.AW. 312.3122	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

#### Booked Hours

Employee	Date	Time On	Time Off	Total Time	Type of Hours
10	TECH	09/12/2025	09/12/2025		

#### Task Plan Instructions

#### Booked Hours

Employee	Date	Time On	Time Off	Total Time	Type of Hours
10	TECH	09/12/2025	09/12/2025		

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

### Work Order

<b>Work Order</b>	10039002211 [CEL][Fid][1] Replace Fiducial - VYEX50 TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/13/2025	<b>Date Completed</b>	09/13/2025 02:19
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	3
<b>PM Schedule</b>		<b>Priority</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/13/2025 02:19]:**

Fiducial VYEX50 on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

**ERWOMACK@AMAZON.COM [09/14/2025 03:49]:**

Fiducial has been replaced and set as unknown status in MMA. Original fiducial shows in MMA "No matching equipment" / Vantage states "Fiducial replaced"

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/13/2025	09/13/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/13/2025	09/13/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039007188 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	10/02/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/04/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/13/2025	<b>Date Completed</b>	09/13/2025 05:34
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0313 TPA4-paKivaA03 ARSTOW RC0313	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/13/2025	09/13/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0313	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0313	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

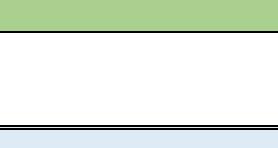
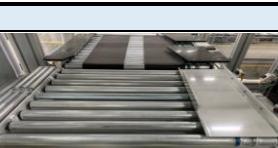
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	10/04/2025	10/04/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0313						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0313						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02
<b>Return To Operations</b>				
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02
320	Make sure the area is clean and free of any debris	0.02	1	0.02
330	Remove Lock Out/Tag Out	0.02	1	0.02
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02
<b>Total Job Plan Duration:</b>	<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>				
<b>Permits:</b>	Confined Space Entry	Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves			
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.				
Special Tools Needed:				

### Work Order

<b>Work Order</b>	10039007189 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	10/02/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/04/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/13/2025	<b>Date Completed</b>	09/13/2025 05:34
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0314 TPA4-paKivaA03 ARSTOW RC0314	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/13/2025	09/13/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0314	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0314	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

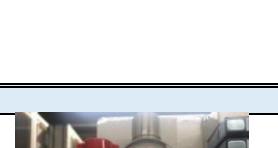
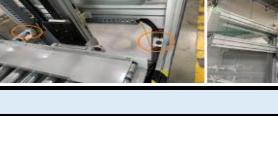
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	10/04/2025	10/04/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0314						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0314						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02	
<b>Return To Operations</b>					
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02	
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02	
320	Make sure the area is clean and free of any debris	0.02	1	0.02	
330	Remove Lock Out/Tag Out	0.02	1	0.02	
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02	
<b>Total Job Plan Duration:</b>		<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>					
<b>Permits:</b>	Confined Space Entry		Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves				
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.					
Special Tools Needed:					

### Work Order

<b>Work Order</b>	10039007190 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	10/02/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/04/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/13/2025	<b>Date Completed</b>	09/13/2025 05:34
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.AS.RC0319 TPA4-paKivaA03 ARSTOW RC0319	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/13/2025	09/13/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.AS.RC0319	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.AS.RC0319	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

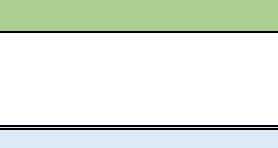
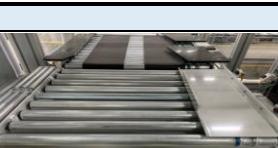
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	10/04/2025	10/04/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 3.A.STN.AS.RC0319						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 3.A.STN.AS.RC0319						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02
<b>Return To Operations</b>				
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02
320	Make sure the area is clean and free of any debris	0.02	1	0.02
330	Remove Lock Out/Tag Out	0.02	1	0.02
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02
<b>Total Job Plan Duration:</b>	<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>				
<b>Permits:</b>	Confined Space Entry	Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves			
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.				
Special Tools Needed:				

### Work Order

<b>Work Order</b>	10039044391 [CEL][Fid][1] Replace Fiducial - A8Z4NJ TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/13/2025	<b>Date Completed</b>	09/13/2025 22:19
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	3
<b>PM Schedule</b>		<b>Priority</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/13/2025 22:19]:**

Fiducial A8Z4NJ on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

**ERWOMACK@AMAZON.COM [09/14/2025 03:49]:**

Fiducial has been replaced and set as unknown status in MMA. Original fiducial shows in MMA "No matching equipment" / Vantage states "Fiducial replaced"

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/13/2025	09/13/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.FID.01	AR.ZONE. Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.FID.01	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/13/2025	09/13/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039044397 [CEL][Fid][1] Replace Fiducial - VYYU90 TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/13/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/13/2025	<b>Date Completed</b>	09/13/2025 22:19
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	3
<b>PM Schedule</b>		<b>Priority</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/13/2025 22:19]:**

Fiducial VYYU90 on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

**ERWOMACK@AMAZON.COM [09/14/2025 03:50]:**

Fiducial has been replaced and set as unknown status in MMA. Original fiducial shows in MMA "No matching equipment" / Vantage states "Fiducial replaced"

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/13/2025	09/13/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/13/2025	09/13/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039112819 AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Scheduled Start Date</b>	09/19/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/19/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/15/2025	<b>Date Completed</b>	09/15/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.AMA.700-0101.26W AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.FSS.PSC.3442 TPA4-paKivaA03 PSC 3442	<b>Manufacturer</b>	AR
		<b>Model</b>	PERIMETER SAFETY CONTROLLER
		<b>Serial Number</b>	2U6213101302

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	08/29/2025	08/29/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.FSS.PSC.3442	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.FSS.PSC.3442	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List							
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
<b>Task Plan Instructions</b>							
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
10	AMER-AMAZON ROBOTICS PSC 26 WEEK	TECH	09/19/2025	09/19/2025			
<b>Checklist</b>							
Sequence	Equipment	Description			Result		
10	AR.ZONE.	Is the PSC labelled/marketed per the pre-procedure			Yes		
	3.FSS.PSC.						
	3442						
20	AR.ZONE.	Were there any "PS/Voltage Out of Limits" or "Bad Battery" errors present?			No		
	3.FSS.PSC.						
	3442						
30	AR.ZONE.	All wiring is neatly dressed and bundled, and free of damage?			Yes		
	3.FSS.PSC.						
	3442						
40	AR.ZONE.	Light stack remain illuminated for the 20 seconds the PSC was powered off?			Yes		
	3.FSS.PSC.						
	3442						
50	AR.ZONE.	If there was no voltage monitor, was the voltage measured to be below 25V			Yes		
	3.FSS.PSC.						
	3442						
60	AR.ZONE.	I have created a follow-up work order for any issues found during this PM			Completed: Yes		
	3.FSS.PSC.						
	3442						
<b>Task Plan Instructions</b>							
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:34]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10">https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10</a>  Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		

### Work Order

<b>Work Order</b>	10039112826 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	10/08/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/08/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/15/2025	<b>Date Completed</b>	09/15/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-NR-2128-714580 TPA4-paKivaA04 HDU 714580	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-NR-2128-714580

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/17/2025	09/17/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-NR-2128-714580	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-NR-2128-714580	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List							
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	10/08/2025	10/08/2025				
<b>Checklist</b>							
Sequence	Equipment	Description			Result		
10	BOT.HDU.H1-	I have completed all tasks referenced on the task list of this PM NR-2128-714580			Yes		
20	BOT.HDU.H1-	I have created a follow-up work order for any issues found during this PM NR-2128-714580			Completed: Yes		
<b>Task Plan Instructions</b>							
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b> Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		

### Work Order

<b>Work Order</b>	10039112838 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	10/04/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/07/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/15/2025	<b>Date Completed</b>	09/15/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2125-700389 TPA4-paKivaA03 HDU 700389	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2125-700389

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/16/2025	09/16/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2125-700389	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2125-700389	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	10/07/2025	10/07/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2125-700389	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2125-700389	I have created a follow-up work order for any issues found during this PM						
<b>Result</b>								
Yes								
Completed: Yes								
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10039173952 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	10/08/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/08/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/16/2025	<b>Date Completed</b>	09/16/2025 05:34
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.STN.AS.RC0411 TPA4-paKivaA04 ARSTOW RC0411	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/17/2025	09/17/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.STN.AS.RC0411	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.STN.AS.RC0411	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

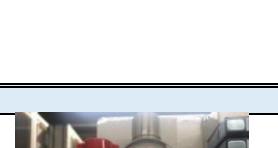
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	10/08/2025	10/08/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE	I have completed all tasks referenced on the task list of this PM 4.A.STN.AS.RC0411						
20	AR.ZONE	I have created a follow-up work order for any issues found during this PM 4.A.STN.AS.RC0411						
<b>Task Plan Instructions</b>								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02
<b>Return To Operations</b>				
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02
320	Make sure the area is clean and free of any debris	0.02	1	0.02
330	Remove Lock Out/Tag Out	0.02	1	0.02
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02
<b>Total Job Plan Duration:</b>	<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>				
<b>Permits:</b>	Confined Space Entry	Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves			
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.				
Special Tools Needed:				

### Work Order

<b>Work Order</b>	10039173954 AMER-USS ARSTOW 1 WEEK PM	<b>Scheduled Start Date</b>	10/08/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/08/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/16/2025	<b>Date Completed</b>	09/16/2025 05:34
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.USS.ARSTOW.01W AMER-USS ARSTOW 1 WEEK PM	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	3
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.STN.AS.RC0419 TPA4-paKivaA04 ARSTOW RC0419	<b>Manufacturer</b>	AR
		<b>Model</b>	ARSTOW STATION
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/17/2025	09/17/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.STN.AS.RC0419	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.STN.AS.RC0419	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

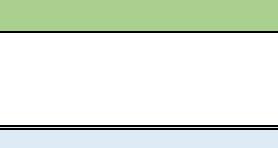
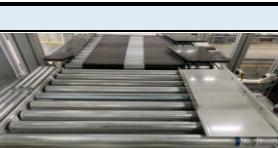
Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
Booked Hours								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10	AMER-ARSTOW WEEKLY PM	TECH	10/08/2025	10/08/2025				
Checklist								
Sequence	Equipment	Description						
10	AR.ZONE	I have completed all tasks referenced on the task list of this PM 4.A.STN.AS.RC0419						
20	AR.ZONE	I have created a follow-up work order for any issues found during this PM 4.A.STN.AS.RC0419						
Task Plan Instructions								
<p><b>HARISHNY@AMAZON.COM [05/19/2023 09:32]:</b>  SEE ATTACHED DOCUMENT FOR TASK INSTRUCTIONS.</p>								
Booked Hours								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Maintenance Job Planning/Estimating Worksheet								
Planner:	WO#:				Date:			
Job Contact:	Location:				Asset ID#:			
Job Description: Weekly PM Technicians required: 1 Elapsed time: 1 Hour								
Job Scope								
Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours				
10	Is the site using the correct PM Schedule for this asset. PM Schedule activated should be USS.ARSTOW.02	0	1	0				
20	Always follow OSHA, LOTO, PTP, NFPA, and Amazon Safety Policies before placing hands on equipment.	0	1	0				
30	"Take 2 for Safety". Review the area you will be working in, inspect for potential barriers or unsafe conditions.	0	1	0				
40	Use required PPE as needed to complete the job. Gloves, safety glasses, etc.	0	1	0				
Visual Inspection								
50	Listen for any abnormal noise/vibration.	0.02	1	0.02				
60	Verify Safety Equipment (E-Stops, Door Safety Switches, Etc.) for functionality.	0.02	1	0.02				
70	Document any repeat alarms or warnings from Alarms Menu in HMI.	0.02	1	0.02				
Lock Out Tag Out								
80	Clean the ARSTOW's structural system. Use broom and dust pan to collect debris.	0.1	1	0.1				
90	Check the machine for the following items: Loose fasteners Physical damage Guide rails for secure attachment and alignment	0.1	1	0.1				
Air Actuators & Pneumatic System								
100	Check for leaks and secure air fittings	0.03	1	0.02				
110	Check air pressure regulator setting. Recommended pressure is 80 psi or 5.5 Bar	0.02	1	0.02				
120	Clean all cylinders with a dry, clean rag	0.05	1	0.05				
130	Clean any debris from cylinder guide rods	0.03	1	0.03				
140	Check mounting bolts	0.02	1	0.02				
150	Check set screws are tight for cylinder guide rods	0.02	1	0.02				
160	Check pop-up stop actuates vertically (90deg. to conveyor) and bracket is not bent	0.02	1	0.02				
170	Check sheet metal mount brackets for cylinders do not have cracks	0.02	1	0.02				
180	Check timing belts for wear, tracking, pulley set screw tightness	0.02	1	0.02				
Conveyors & Belts								
190	Check for damage	0.02	1	0.02				
200	Check belt tracking and alignment	0.02	1	0.02				
210	Check for loose or missing drive bands	0.02	1	0.02				
Photoeyes								
220	Check for damage	0.02	1	0.02				
230	Clean photoeyes and reflectors	0.05	1	0.05				
240	Check for tightness	0.02	1	0.02				
250	Check alignment with reflectors	0.02	1	0.02				
260	Check cables for tightness	0.02	1	0.02				
Proximity Switches								
270	Clean and check for damage	0.05	1	0.05				
280	Check for tightness	0.02	1	0.02				

290	Check alignment with metal target	0.02	1	0.02	
<b>Return To Operations</b>					
300	Before returning machine to operation, ensure all guards are in place and all safety devices are functioning properly. Ensure none of these were removed or damaged during machine service.	0.02	1	0.02	
310	Remove all tools from area and ensure they are all accounted for	0.02	1	0.02	
320	Make sure the area is clean and free of any debris	0.02	1	0.02	
330	Remove Lock Out/Tag Out	0.02	1	0.02	
340	Restart equipment, verify proper operation, no unusual noises or vibrations	0.02	1	0.02	
<b>Total Job Plan Duration:</b>		<b>1.0 Hours</b>	<b>Total Backlog Hours:</b>		<b>1</b>
<b>Safety Requirements</b>					
<b>Permits:</b>	Confined Space Entry		Hot Work	X	Lockout/Tagout
<b>PPE:</b>	Safety Glasses, Safety Shoes, Gloves				
Additional Comments: There are no grease points to maintain as all bearings are sealed. Weekly maintenance events per below are recommended. Do not use spray lubricant (i.e. WD40) on any part of the machine.					
Special Tools Needed:					

### Work Order

<b>Work Order</b>	10039173977 AMER-H DRIVE BOTS 52 WEEK PM	<b>Scheduled Start Date</b>	10/08/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/08/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/16/2025	<b>Date Completed</b>	09/16/2025 05:34
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AR.7000170.2.52W	<b>Warranty</b>	
<b>Problem Code</b>	AMER-H DRIVE BOTS 52 WEEK PM N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	BOT.HDU.H1-WB-2126-708522 TPA4-paKivaA04 HDU 708522	<b>Manufacturer</b>	AR
		<b>Model</b>	DU-H-STD-TSBLI
		<b>Serial Number</b>	H1-WB-2126-708522

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/17/2025	09/17/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	BOT.HDU.H1-WB-2126-708522	Does this task require LOTO to one or more energy sources?	Yes
20	BOT.HDU.H1-WB-2126-708522	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
10 AMER-H DRIVE BOTS 52 WEEK PM	TECH	10/08/2025	10/08/2025					
<b>Checklist</b>								
Sequence	Equipment	Description						
10	BOT.HDU.H1- WB-2126-708522	I have completed all tasks referenced on the task list of this PM						
20	BOT.HDU.H1- WB-2126-708522	I have created a follow-up work order for any issues found during this PM						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [09/20/2023 16:05]:</b>								
Follow the instructions in ARU: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/Drive-H-h-48wk-index.html</a>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10039353853 AO3 Vested Blitz	<b>Scheduled Start Date</b>	09/18/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/18/2025
<b>Created By</b>	ERWOMACK@AMAZON.COM	<b>Date Started</b>	Reprint
<b>Created</b>	09/18/2025	<b>Date Completed</b>	09/18/2025 17:27
<b>WO Type</b>	PR Project	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FLR AMAZON ROBOTICS FLOOR	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR
		<b>Serial Number</b>	

### Comments

**WCREIGH@AMAZON.COM [09/26/2025 17:36]:**

vest blitz completed

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/18/2025	09/18/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources?	No
	3.A.FLR		
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No
	3.A.FLR		

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/18/2025	09/18/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039363122 FWO: PTL Daily Audit P2R A03 (Nights)	<b>Scheduled Start Date</b>	09/18/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/19/2025
<b>Created By</b>	WCREIGH@AMAZON.COM	<b>Date Started</b>	Reprint
<b>Created</b>	09/18/2025	<b>Date Completed</b>	09/18/2025 23:44
<b>WO Type</b>	AUDIT-F Audit Follow-up	<b>Parent WO Class</b>	10/07/2025
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	WCREIGH

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.P2R AMAZON ROBOTICS STATIONS, PICK TO REBIN	<b>Manufacturer Model</b>	AR 700-00312-201
<b>Serial Number</b>			

### Comments

**WCREIGH@AMAZON.COM [09/19/2025 17:59]:**

303 - 2x  
<https://atzptl.devices.a2z.com/#/fleet-health/TPA4/TPA4-Pick-303/>

309 - 3x  
<https://atzptl.devices.a2z.com/#/fleet-health/TPA4/TPA4-Pick-309/>

**TURMT@AMAZON.COM [09/20/2025 23:55]:**

<https://atzptl.devices.a2z.com/#/fleet-health/TPA4/TPA4-Pick-309/> <https://atzptl.devices.a2z.com/#/fleet-health/TPA4/TPA4-Pick-305/> <https://atzptl.devices.a2z.com/#/fleet-health/TPA4/TPA4-Pick-303/> <https://atzptl.devices.a2z.com/#/fleet-health/TPA4/TPA4-Pick-307/> <https://atzptl.devices.a2z.com/#/fleet-health/TPA4/TPA4-Pick-301/>

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/18/2025	09/19/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.P2R	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.STN.P2R	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
11		*	09/18/2025	09/18/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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### Work Order

<b>Work Order</b>	10039371556 RGB Missing view   ODS   A3106   TPA4	<b>Scheduled Start Date</b>	09/19/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	09/19/2025
<b>Created By</b>	SIM	<b>Date Started</b>	Reprint
<b>Created</b>	09/19/2025	<b>Date Completed</b>	09/19/2025 02:04
<b>WO Type</b>	CM Corrective	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	4
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.STN.UNIV.3106 TPA4-paKivaA03 Station 3106	<b>Manufacturer</b>	KIVA
		<b>Model</b>	700-0012-132
		<b>Serial Number</b>	

### Comments

**SIM [09/19/2025 02:04]:**

Direct Link to SIM Ticket -  
[Click here](#)

**SIM [09/19/2025 02:04]:**

Hi,

We are receiving jobs from Station ID/Zone: TPA4-3106/paKivaA03 where the ODS is RGB\_MISSING\_VIEW which is impacting the decision making here at TRON.

Note: All these jobs are checked for last 24 hours.

Job Count impacted- 25

All the Dig-dug links are added in the Work Log for reference.

=====

WaterRule:

=====

Specify the Video (ODS/RGB) –

Which view is affected (Top/Bottom)?

Are multiple stations affected? If not, roughly how many stations are affected? (specify station ID/IDs)

Is the issue zone specific?

Roughly, how many jobs are affected?

Is the issue persistent? Does the recent stows in dig-dug show the defect?

If the issue is not persistent, how frequently is it being encountered?

What answers are the associates selecting? Please provide the answer selection path.

Additional details (if any) –

Attach relevant screenshots/videos (if any).

Attach the entire content of the diagnostic button of the job(s).

SIM Description

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/19/2025	09/19/2025	

### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.STN.UNIV.3106	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
20	AR.ZONE. Are photos of applied LOTO devices uploaded to this check (comment if not)? 3.A.STN.UNIV. 3106				Yes: _____ No: _____

### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

### Booked Hours

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/19/2025	09/19/2025	

### Task Plan Instructions

### Booked Hours

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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### Work Order

<b>Work Order</b>	10039499846 AMER-DAILY FLOOR HEALTH CHECK (DAYS)	<b>Scheduled Start Date</b>	10/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/12/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/21/2025	<b>Date Completed</b>	09/21/2025 05:28
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.AMA.FLRHLTHD.01D AMER-DAILY FLOOR HEALTH CHECK (DAYS)	<b>Priority</b>	4
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR AMAZON ROBOTICS SYSTEMS	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR SYSTEM
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/21/2025	09/21/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR	Does this task require LOTO to one or more energy sources?	No
20	AR	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-DAILY FLOOR HEALTH CHECK	TECH	10/12/2025	10/12/2025	

**Checklist**
**Sequence Equipment Description**

- |    |    |   |               |
|----|----|---|---------------|
| 10 | AR | I have completed all tasks referenced on the task list of this PM         | <b>Result</b> |
| 20 | AR | I have created a follow-up work order for any issues found during this PM | Yes           |

**Task Plan Instructions**

**LUKEFLE@AMAZON.COM [11/26/2024 15:02]:**

Find PM tasks on GRU: <https://learning.robotics.amazon.dev/24840#/8207aec2-bbff-44c8-bca4-872cd9e4064e/introduction>

Or navigate from GRU main page: <https://learning.robotics.amazon.dev/>

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039499848 AMER-REPEAT OFFENDER CHECK DAILY	<b>Scheduled Start Date</b>	10/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/12/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/21/2025	<b>Date Completed</b>	09/21/2025 05:28
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.AMA.RPTOFFEND.1D AMER-REPEAT OFFENDER CHECK DAILY	<b>Priority</b>	5
		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety</b>	
		<b>Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR AMAZON ROBOTICS SYSTEMS	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR SYSTEM
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/21/2025	09/21/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR	Does this task require LOTO to one or more energy sources?	No
20	AR	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
Employee	Date		Time On	Time Off	Total Time

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-REPEAT OFFENDER CHECK DAILY	TECH	10/12/2025	10/12/2025	

**Checklist**
**Sequence Equipment Description**

- |    |    |   |
|----|----|---|
| 10 | AR | I have completed all tasks referenced on the task list of this PM         |
| 20 | AR | I have created a follow-up work order for any issues found during this PM |

**Result**

Yes  
Completed: Yes

**Task Plan Instructions**

**SEVN@AMAZON.COM [08/11/2025 16:35]:**

Find PM tasks on GRU: <https://learning.robotics.amazon.dev/29707#/da326c8f-bc2d-43c8-bd02-dea9df17f6d6/Identifying-and-resolving-repeat-offenders>

Or navigate from GRU main page: <https://learning.robotics.amazon.dev/>

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039554865 AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Scheduled Start Date</b>	10/13/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/13/2025
<b>Created By</b>	R5	<b>Date Started</b>	09/22/2025 05:31
<b>Created</b>	09/22/2025	<b>Date Completed</b>	10/13/2025
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MAJ.AMA.700-0101.26W AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Warranty Safety</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Equipment Criticality Assigned To Reported By</b>	ERWOMACK ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.FSS.PSC.4457 TPA4-paKivaA04 PSC 4457	<b>Manufacturer</b>	AR
		<b>Model</b>	PERIMETER SAFETY CONTROLLER
		<b>Serial Number</b>	2U6210800843

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/22/2025	09/22/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.FSS.PSC.4457	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.FSS.PSC.4457	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List							
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
<b>Task Plan Instructions</b>							
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
10	AMER-AMAZON ROBOTICS PSC 26 WEEK	TECH	10/13/2025	10/13/2025			
<b>Checklist</b>							
Sequence	Equipment	Description			Result		
10	AR.ZONE.	Is the PSC labelled/mark per the pre-procedure 4.FSS.PSC. 4457			Yes		
20	AR.ZONE.	Were there any "PS/Voltage Out of Limits" or "Bad Battery" errors present? 4.FSS.PSC. 4457			No		
30	AR.ZONE.	All wiring is neatly dressed and bundled, and free of damage? 4.FSS.PSC. 4457			Yes		
40	AR.ZONE.	Light stack remain illuminated for the 20 seconds the PSC was powered off? 4.FSS.PSC. 4457			Yes		
50	AR.ZONE.	If there was no voltage monitor, was the voltage measured to be below 25V 4.FSS.PSC. 4457			Yes		
60	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 4.FSS.PSC. 4457			Completed: _____		
<b>Task Plan Instructions</b>							
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:34]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10">https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10</a>  Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		

### Work Order

<b>Work Order</b>	10039775438 AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Scheduled Start Date</b>	10/14/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/14/2025
<b>Created By</b>	R5	<b>Date Started</b>	09/25/2025 05:30
<b>Created</b>	09/25/2025	<b>Date Completed</b>	10/13/2025
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MED.AMZ.FLR04.12W AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Warranty Safety</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Equipment Criticality Assigned To Reported By</b>	ERWOMACK ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.SECTION.36 TPA4-paKivaA04 SECTION 12 18	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	36

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/23/2025	09/23/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.SECTION.36	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.SECTION.36	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	TECH	10/14/2025	10/14/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 4.A.SECTION. 36						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 4.A.SECTION. 36						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC								
<b>**Attention!**</b> Only individuals holding a valid ARU Certification Badge may perform this task list. If you are not holding a valid ARU Certification Badge for this task STOP! Do not perform this task and escalate to your manager immediately. By completing this PM you are stating that you are ARU PM certified and have followed all steps for the 12 week floor health PM listed on the AR Knowledge Center (link below). Failure to comply may result in corrective action.								
<input type="checkbox"/> 1. Copy and paste this web address into your internet browser: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a> <input type="checkbox"/> 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times. <input type="checkbox"/> 3. Before performing floor cleaning check floor scrubber brushes to ensure the correct soft nylon brushes are installed, the brushes have not worn down past the wear indicator and brushes are clean. Replace or clean if necessary. <input type="checkbox"/> 4. Ensure the squeegee is in good working order, replace if necessary. If floor scrubber leaves a trail of water while in use, this is indicative of a faulty squeegee. <input type="checkbox"/> 5. Click the 12 week floor health PM and follow all procedures without deviation. <input type="checkbox"/> 6. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.								
<b>**CLEAN UP AREA**</b> <input type="checkbox"/> 1. Put away all equipment and tools used <input type="checkbox"/> 2. Ensure floor area is clean and dry <input type="checkbox"/> 3. Ensure any fiducials replaced have been inspected and the floor is in a normal state before releasing								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> The following link is the new website for the floor cleaning instructions. The previous link is no longer functional. <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<b>Booked Hours</b>								

Activity List						
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	
Employee		Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039846814 [CEL][Fid][1] Replace Fiducial - VZDC50 TPA4-paKivaA03	<b>Scheduled Start Date</b>	09/26/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	09/26/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/26/2025	<b>Date Completed</b>	09/26/2025 01:59
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	3
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.3.A.FID.01 TPA4-paKivaA03 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/26/2025 01:59]:**

Fiducial VZDC50 on TPA4-paKivaA03 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/26/2025	09/26/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.3.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.3.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	09/26/2025	09/26/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039983433 AMER-DAILY FLOOR HEALTH CHECK (DAYS)	<b>Scheduled Start Date</b>	10/19/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/19/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/28/2025	<b>Date Completed</b>	09/28/2025 05:37
<b>WO Type</b>	SC System Check	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MIN.AMA.FLRHLTHD.01D AMER-DAILY FLOOR HEALTH CHECK (DAYS)	<b>Priority</b>	4
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR AMAZON ROBOTICS SYSTEMS	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR SYSTEM
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/28/2025	09/28/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR	Does this task require LOTO to one or more energy sources?	No
20	AR	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
Employee	Date		Time On	Time Off	Total Time

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10	AMER-DAILY FLOOR HEALTH CHECK	TECH	10/19/2025	10/19/2025	

**Checklist**
**Sequence Equipment Description**

- |    |    |   |
|----|----|---|
| 10 | AR | I have completed all tasks referenced on the task list of this PM         |
| 20 | AR | I have created a follow-up work order for any issues found during this PM |

**Result**

Yes  
Completed:

**Task Plan Instructions**

**LUKEFLE@AMAZON.COM [11/26/2024 15:02]:**

Find PM tasks on GRU: <https://learning.robotics.amazon.dev/24840#/8207aec2-bbff-44c8-bca4-872cd9e4064e/>  
Introduction

Or navigate from GRU main page: <https://learning.robotics.amazon.dev/>

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10039983451 AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Scheduled Start Date</b>	10/19/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/19/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	09/28/2025	<b>Date Completed</b>	09/28/2025 05:37
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MAJ.AMA.700-0101.26W AMER-AMAZON ROBOTICS PSC 700-0101-002-NA 26 WEEK	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.FSS.PSC.2305 TPA4-paKivaA02 PSC 2305	<b>Manufacturer</b>	AR
		<b>Model</b>	PERIMETER SAFETY CONTROLLER
		<b>Serial Number</b>	2U6212800855

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/28/2025	09/28/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.FSS.PSC.2305	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.2.FSS.PSC.2305	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AMAZON ROBOTICS PSC 26 WEEK	TECH	10/19/2025	10/19/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	Is the PSC labelled/mark per the pre-procedure						
	2.FSS.PSC.							
	2305							
20	AR.ZONE.	Were there any "PS/Voltage Out of Limits" or "Bad Battery" errors present?						
	2.FSS.PSC.							
	2305							
30	AR.ZONE.	All wiring is neatly dressed and bundled, and free of damage?						
	2.FSS.PSC.							
	2305							
40	AR.ZONE.	Light stack remain illuminated for the 20 seconds the PSC was powered off?						
	2.FSS.PSC.							
	2305							
50	AR.ZONE.	If there was no voltage monitor, was the voltage measured to be below 25V						
	2.FSS.PSC.							
	2305							
60	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	2.FSS.PSC.							
	2305							
<b>Task Plan Instructions</b>								
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:34]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10">https://learning.robotics.amazon.dev/38383#/064df043-7310-4b52-8070-e49a13b626eb/FSS-10</a>  Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10040186375 [CEL][Fid][1] Replace Fiducial - A2X6UL TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/06/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/06/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	09/30/2025	<b>Date Completed</b>	09/30/2025 22:10
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	3
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [09/30/2025 22:10]:**

Fiducial A2X6UL on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/05/2025	10/05/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/05/2025	10/05/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040286485 AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Scheduled Start Date</b>	10/19/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/19/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	10/02/2025	<b>Date Completed</b>	10/02/2025 05:29
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AMZ.FLR04.12W AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
<b>Safety</b>		<b>Equipment Criticality</b>	2
<b>Assigned To</b>		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.SECTION.43 TPA4-paKivaA02 SECTION 12 25	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	43

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/28/2025	09/28/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.SECTION.43	Does this task require LOTO to one or more energy sources?	Yes
20	AR.ZONE.2.A.SECTION.43	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	TECH	10/19/2025	10/19/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 2.A.SECTION. 43						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 2.A.SECTION. 43						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC								
<b>**Attention!**</b> Only individuals holding a valid ARU Certification Badge may perform this task list. If you are not holding a valid ARU Certification Badge for this task STOP! Do not perform this task and escalate to your manager immediately. By completing this PM you are stating that you are ARU PM certified and have followed all steps for the 12 week floor health PM listed on the AR Knowledge Center (link below). Failure to comply may result in corrective action.								
<input type="checkbox"/> 1. Copy and paste this web address into your internet browser: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a> <input type="checkbox"/> 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times. <input type="checkbox"/> 3. Before performing floor cleaning check floor scrubber brushes to ensure the correct soft nylon brushes are installed, the brushes have not worn down past the wear indicator and brushes are clean. Replace or clean if necessary. <input type="checkbox"/> 4. Ensure the squeegee is in good working order, replace if necessary. If floor scrubber leaves a trail of water while in use, this is indicative of a faulty squeegee. <input type="checkbox"/> 5. Click the 12 week floor health PM and follow all procedures without deviation. <input type="checkbox"/> 6. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.								
<b>**CLEAN UP AREA**</b> <input type="checkbox"/> 1. Put away all equipment and tools used <input type="checkbox"/> 2. Ensure floor area is clean and dry <input type="checkbox"/> 3. Ensure any fiducials replaced have been inspected and the floor is in a normal state before releasing								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> The following link is the new website for the floor cleaning instructions. The previous link is no longer functional. <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<b>Booked Hours</b>								

Activity List						
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	
Employee		Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040286487 AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5	<b>Date Started</b>	10/02/2025 05:29
<b>Created</b>	10/02/2025	<b>Date Completed</b>	
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AMZ.FLR04.12W AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	<b>Priority</b>	5
<b>Warranty</b>		<b>Equipment Criticality</b>	2
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.SECTION.45 TPA4-paKivaA02 SECTION 12 27	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	45

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/29/2025	09/29/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.SECTION.45	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.2.A.SECTION.45	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR WITH INVENTORY POD SEGMENT 12 WEEK	TECH	10/20/2025	10/20/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 2.A.SECTION. 45						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 2.A.SECTION. 45						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC								
<b>**Attention!**</b> Only individuals holding a valid ARU Certification Badge may perform this task list. If you are not holding a valid ARU Certification Badge for this task STOP! Do not perform this task and escalate to your manager immediately. By completing this PM you are stating that you are ARU PM certified and have followed all steps for the 12 week floor health PM listed on the AR Knowledge Center (link below). Failure to comply may result in corrective action.								
<input type="checkbox"/> 1. Copy and paste this web address into your internet browser: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a> <input type="checkbox"/> 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times. <input type="checkbox"/> 3. Before performing floor cleaning check floor scrubber brushes to ensure the correct soft nylon brushes are installed, the brushes have not worn down past the wear indicator and brushes are clean. Replace or clean if necessary. <input type="checkbox"/> 4. Ensure the squeegee is in good working order, replace if necessary. If floor scrubber leaves a trail of water while in use, this is indicative of a faulty squeegee. <input type="checkbox"/> 5. Click the 12 week floor health PM and follow all procedures without deviation. <input type="checkbox"/> 6. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.								
<b>**CLEAN UP AREA**</b> <input type="checkbox"/> 1. Put away all equipment and tools used <input type="checkbox"/> 2. Ensure floor area is clean and dry <input type="checkbox"/> 3. Ensure any fiducials replaced have been inspected and the floor is in a normal state before releasing								
<b>ADMAM@AMAZON.COM [03/28/2024 13:50]:</b> The following link is the new website for the floor cleaning instructions. The previous link is no longer functional. <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<b>Booked Hours</b>								

Activity List						
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier	
Employee		Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040286511 AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Scheduled Start Date</b>	10/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/12/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	10/02/2025	<b>Date Completed</b>	10/02/2025 05:29
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MED.AMZ.FLR02.4W AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Warranty Safety Equipment Criticality</b>	3
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Assigned To Reported By</b>	ERWOMACK ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.SECTION.03 TPA4-paKivaA04 SECTION 04 03	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	03

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/21/2025	09/21/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.SECTION.03	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.SECTION.03	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR HIGH TRAFFIC SEGMENT 4 WEEK	TECH	10/12/2025	10/12/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	4.A.SECTION.	03						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	4.A.SECTION.	03						
<b>Task Plan Instructions</b>								
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:39]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/">https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/</a>  Overview</p> <p>Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10040286512 AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Scheduled Start Date</b>	10/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/12/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	10/02/2025	<b>Date Completed</b>	10/02/2025 05:29
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MED.AMZ.FLR02.4W AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Warranty Safety Equipment Criticality</b>	3
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Assigned To Reported By</b>	ERWOMACK ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.SECTION.04 TPA4-paKivaA04 SECTION 04 04	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	04

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/21/2025	09/21/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.SECTION.04	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.SECTION.04	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR HIGH TRAFFIC SEGMENT 4 WEEK	TECH	10/12/2025	10/12/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	4.A.SECTION.	04						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	4.A.SECTION.	04						
<b>Task Plan Instructions</b>								
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:39]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/">https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/</a>  Overview</p> <p>Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10040286513 AMER-AR FLOOR WITH PALLET POD SEGMENT 8 WEEK	<b>Scheduled Start Date</b>	10/23/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/23/2025
<b>Created By</b>	R5	<b>Date Started</b>	10/02/2025 05:29
<b>Created</b>	10/02/2025	<b>Date Completed</b>	10/13/2025
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AMZ.FLR03.8W AMER-AR FLOOR WITH PALLET POD SEGMENT 8 WEEK	<b>Priority</b>	5
		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.SECTION.09 TPA4-paKivaA04 SECTION 08 03	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	09

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/02/2025	10/02/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.SECTION.09	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.SECTION.09	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR WITH PALLET POD SEGMENT 8 WEEK	TECH	10/23/2025	10/23/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html						
	4.A.SECTION.	09						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	4.A.SECTION.	09						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [10/18/2023 16:23]:</b> If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC								
<b>**Attention!**</b> Only individuals holding a valid ARU Certification Badge may perform this task list. If you are not holding a valid ARU Certification Badge for this task STOP! Do not perform this task and escalate to your manager immediately. By completing this PM you are stating that you are ARU PM certified and have followed all steps for the 4 week floor health PM listed on the AR Knowledge Center (link below). Failure to comply may result in corrective action. <input type="checkbox"/> 1. Copy and paste this web address into your internet browser: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<input type="checkbox"/> 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times. <input type="checkbox"/> 3. Click the 8 week floor health PM and follow all procedures without deviation. <input type="checkbox"/> 4. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.								
<b>**CLEAN UP AREA**</b> <input type="checkbox"/> 1. Put away all equipment and tools used <input type="checkbox"/> 2. Ensure floor area is clean and dry <input type="checkbox"/> 3. Ensure any fiducials replaced have been inspected and the floor is in a normal state before releasing								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

### Work Order

<b>Work Order</b>	10040286514 AMER-AR FLOOR WITH PALLET POD SEGMENT 8 WEEK	<b>Scheduled Start Date</b>	10/23/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/23/2025
<b>Created By</b>	R5	<b>Date Started</b>	10/02/2025 05:29
<b>Created</b>	10/02/2025	<b>Date Completed</b>	10/13/2025
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AMZ.FLR03.8W AMER-AR FLOOR WITH PALLET POD SEGMENT 8 WEEK	<b>Priority</b>	5
		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.SECTION.10 TPA4-paKivaA04 SECTION 08 04	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	10

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/02/2025	10/02/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.SECTION.10	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.SECTION.10	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR WITH PALLET POD SEGMENT 8 WEEK	TECH	10/23/2025	10/23/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html						
	4.A.SECTION.	10						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	4.A.SECTION.	10						
<b>Task Plan Instructions</b>								
<b>ADMAM@AMAZON.COM [10/18/2023 16:23]:</b> If you would like to request any changes to these tasks please enter a Trouble Ticket using the following CTI RCM>PM Change>RCM-FC								
<b>**Attention!**</b> Only individuals holding a valid ARU Certification Badge may perform this task list. If you are not holding a valid ARU Certification Badge for this task STOP! Do not perform this task and escalate to your manager immediately. By completing this PM you are stating that you are ARU PM certified and have followed all steps for the 4 week floor health PM listed on the AR Knowledge Center (link below). Failure to comply may result in corrective action. <input type="checkbox"/> 1. Copy and paste this web address into your internet browser: <a href="https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html">https://share.amazon.com/sites/aru/SitePages1/kc/preventative-maintenance/floor-health/sortNonQuickDeploy-proc.html</a>								
<input type="checkbox"/> 2. Click the Safety and PPE section. All safety and PPE requirements must be followed at all times. <input type="checkbox"/> 3. Click the 8 week floor health PM and follow all procedures without deviation. <input type="checkbox"/> 4. If any issues are found other than those addressed by this PM, please create a new Work From PM Work order to make the correction.								
<b>**CLEAN UP AREA**</b> <input type="checkbox"/> 1. Put away all equipment and tools used <input type="checkbox"/> 2. Ensure floor area is clean and dry <input type="checkbox"/> 3. Ensure any fiducials replaced have been inspected and the floor is in a normal state before releasing								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

### Work Order

<b>Work Order</b>	10040435254 INTRALOX DARBS4500 13 WEEK (AMERICAS)	<b>Scheduled Start Date</b>	10/24/2025
<b>Status</b>	In Progress	<b>Scheduled End Date</b>	10/24/2025
<b>Created By</b>	R5	<b>Date Started</b>	10/04/2025 05:28
<b>Created</b>	10/04/2025	<b>Date Completed</b>	
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.INT.DARBS4500.13W INTRALOX DARBS4500 13 WEEK (AMERICAS)	<b>Priority</b>	4
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.1.LN.IF05.311057 AMAZON ROBOTICS SYSTEMS, ZONE 01 MEZZ, LANES, INFEED 05, 311057	<b>Manufacturer</b>	INTRALOX
		<b>Model</b>	S4500
		<b>Serial Number</b>	206-00000001436

### Comments

**HORTOANG@AMAZON.COM [10/18/2025 10:47]:**

Scraped and cleaned last 2 diverts from discharge end adjacent to transition plate next to station 1340. Removed debris and wiped down diverts. Diverts tested and actuators seem to be working properly. Did notice on the belt a missing roller link. FWO has been created for it. See pics.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/04/2025	10/04/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.1.LN.IF05.311057	Does this task require LOTO to one or more energy sources?	Yes
20	AR.ZONE.1.LN.IF05.311057	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List							
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
<b>Task Plan Instructions</b>							
<ul style="list-style-type: none"> <li>- select 'Actions' &gt; Create/Upload Document'</li> </ul> <p>Steps to upload LOTO photos on APM Mobile:</p> <ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
10	AMER-INTRALOX DARB S4500 13 WEEK	TECH	10/24/2025	10/24/2025			
<b>Checklist</b>							
Sequence	Equipment	Description			Result		
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM 1.LN.IF05.311057			Yes		
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM 1.LN.IF05.311057			Completed: Yes		
<b>Task Plan Instructions</b>							
<b>WALJONA@AMAZON.COM [06/24/2025 17:45]:</b> <p>Please you the attached PM Job Plan to complete all of the needed tasks for this PM.</p>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		

## Maintenance Job Planning/Estimating Worksheet

<b>Asset:</b> S4500	<b>Vendor - Function:</b> Intralox - DARB Sorter	<b>Profiles:</b> IS4500
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<b>Document Management System (DMS)</b>	<a href="https://w.amazon.com/bin/view/GCRT/RAE/MHEReliability/DMS/">https://w.amazon.com/bin/view/GCRT/RAE/MHEReliability/DMS/</a>
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**Job Description:** Intralox S4500 Thirteen-Week PM

### Safety Requirements

Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
10	Perform safety meeting, Amazon Pre-task documentation, and identify job functions for each tech as needed.	0.03	2	0.06	
20	"Take 2 for safety" or "One Minute Risk Assessment" Notify all associates in the area of your activity. Do not leave the area unattended.	0.03	1	0.03	
30	<b>Use required PPE!</b> (e.g. safety glasses, safety shoes, bump cap, gloves and Arc flash gear)	0.03	1	0.03	
40	Always follow LOTO, National safety standards and Amazon policies before placing hands on equipment.	0.03	1	0.03	

**ENSURE ALL SAFETY PROTOCOLS ARE MET BEFORE PROCEEDING**

### Job Scope

#### Visual Inspections

50	Check the air pressure on the primary regulator. Air pressure should be set to (40psi.or 2.7 bar) For sorters with version two diverts the regulator pressure should be set to (60psi. or 4 bar). Inspect the unit for leaks or damage.	0.04	1	0.04	
60	Check the air pressure for the secondary divert regulator. Air pressure should be set to (10psi. or .7 bar) For sorters with version two diverts there is no secondary divert regulator. Inspect the unit for leaks or damage.	0.04	1	0.04	
70	With the sorter running use a blower at the discharge end (motor side) to blow out the belt (If blower use is allowed). Blow out every module in the sprocket area to remove the dirt, dust, and debris build up. The sorter will need to make several revolutions for all of the modules to be blown out. Inspect for damaged belt modules while completing the belt cleaning.	0.02	1	0.02	

80	Visually inspect catenary sag at the slot closest to the drive on sorters without a weighted take-up installed or at the slot on the side of the weighted take-up housing. If the belt is not located in the correct portion of the slot as noted on the sticker, belt length corrections will be needed. If the inspection slots do not have stickers they need to be procured and installed. If the belt is outside of the slot, corrections need to be made in the next available down time window.	0.04	1	0.04	
90	Manually fire the solenoid valve for each divert assembly to ensure the pop-up mechanism actuates. Listen for any air leaks that may be present during testing.	0.08	1	0.08	
100	Stop the sorter and apply LOTO. Two sets of locks are needed (electric and pneumatic) to properly LOTO the sorter.	0.04	2	0.08	
<b>Opening The Belt</b>					
110	<b>NOTE:</b> If an auxiliary weighted take up is installed it will need to be raised to reduce belt tension before belt sections are separated. If a weighted take up is not installed skip ahead to sequence number 140.	0.04	1	0.04	
120	With a partner technician use a (1/2" wrench for sorters with standard hardware or a 10mm wrench when metric hardware is installed) to remove the bolts from the bottom cover at the base of the weighted take up under the take- up lift assembly. Remove the cover and place it off to the side and out of the way.	0.05	2	0.10	
130	Using a (9/16" wrench for sorters with standard hardware or a 10mm wrench when metric hardware is installed) rotate the mechanical lift screw counter clockwise to raise the take-up roller assembly. The mechanical take-up roller assemblies (opposite ends of the roller) operate independently. It is not necessary to raise both sides simultaneously. Raising the second lift screw while working on the equipment is recommended.	0.05	1	0.05	
140	<b>NOTE:</b> Do not raise the take up roller assembly past flush where the lift screw sleeve meets the mechanical lift nut. Forcing the lift screw sleeve against the mechanical lift nut will likely result in damage and component failure.	0.00	2	0.00	
150	Near the area where the inspection will be made install belt tensioners about four feet apart and parallel with the edges of the belt as shown in sequence 150. Ensure the belt tensioner bolt threads are fully seated into the elongated belt module holes and the belt tensioners are in alignment with one another. <b>You must use one set of tensioners for every (16" or 40.64cm) of belt width.</b>	0.05	2	0.10	

160	Secure the belt at both the charge and discharge ends to prevent it from rolling back off of the sprockets. Place ratchet straps in the anchoring holes of the tensioners and tighten them just enough to relieve belt tension. Tensioners and ratchet straps are available through Intralox (Part # C3SE016XXXMT).	0.05	2	0.10	
170	Using a connecting pin depress the retention gate on one side of the belt. The pin retention gate is not visible from the top side of the belt. See sequence 170 for more details.	0.04	2	0.08	
180	<b>NOTE:</b> When depressing the retention gate it is only necessary to push in the pin about (1" or 25.4mm). Forcing the pin in further will make it difficult to depress the pin retention gate on the opposite side of the belt and may result in damage to it.	0.00	2	0.00	
190	Have a partner technician push the belt's connecting pin through with a spare pin from the opposite side. Remove the pins to separate the belt sections. Remove the tensioners and ratchet straps. Roll the belt back and secure it to reveal the area where the inspection will occur.	0.04	2	0.08	

#### Discharge End Inspections

	Inspect locked sprocket for proper placement in center of axle way. Ensure locking collars cannot be moved by hand. If locked sprocket is found to be loose ensure (1/32" - 1/16" or .8mm - 1.6mm) clearance between sprocket and locking rings and tighten sprocket halves and locking collars to (10 ft lbs. or 13.6nm). <b>Note:</b> Some sprockets are retained with snap rings.	0.20	1	0.20	
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If camera icon is present, technician completing the PM will document pictures of measurement being taken with go/no-go, or other prescribed measurement tool. In the event, a particular task requires both left and right side measurements both should be documented. Upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos (requiring single measurement):  
Measure:14MIN.INT.DARS45.3.Task200

210	Using 2mm Allen wrench as go/no go gauge verify wrench cannot be inserted between square shaft and sprocket. <b>Note:</b> Pay particular attention to sprocket corners.	0.08	1	0.08	
220	Check the alignment of the sprockets. Ensure that all sprockets are aligned with the UHMW wear strips. If sprockets are not aligned this will cause tracking issues. Comment on the position of the sprockets and be sure to document any sprockets out of alignment. Best practice is to take a picture of the sprockets and attach it to work order to be saved for reference. Clean out any debris and take a photo to be uploaded on the checklist item.	0.08	1	0.08	

If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos:  
Before:MIN.INT.DARS45.3.Task220.Before  
After:MIN.INT.DARS45.3.Task220.After

	<p>Inspect sprockets. Look for signs of uneven wear, cupping, tooth elongation, or broken/missing teeth. New sprocket teeth are 9MM at the top of the sprocket tooth. Wear 4.5MM or greater at the top of the sprocket tooth is considered bad and will need replaced Note: Picture is a worst case scenario. If the sprockets look like this replacement is needed ASAP.</p>	0.08	1	0.08	
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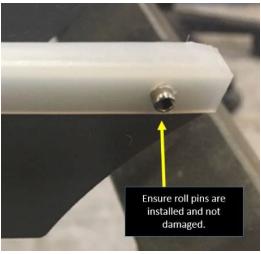
If camera icon is present, technician completing the PM will document pictures of measurement being taken with go/no-go, or other prescribed measurement tool. In the event, a particular task requires both left and right side measurements both should be documented. Upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos (requiring single measurement):  
Measure:14MIN.INT.DARS45.3.Task230

	<p>Inspect the wear strips. Ensure wear strips have a bevel cut into them to ensure proper flow of the belt onto the rails. <b>Note:</b> Using your flashlight if the bar rail is visible through the wear strip it needs to be replaced.</p>	0.16	1	0.16	
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If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos:  
MIN.INT.DARS45.3.Task240

	<p>Verify all wear strips have a roll pin installed to keep the wear strip in place and secure.</p>	0.08	1	0.08	
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	<p>Inspect the discharge end belt guides. Look for evidence of pins walking and gouging into the guides.</p>	0.08	1	0.08	
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If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos:  
MIN.INT.DARS45.3.Task260

	<p>Inspect the bearings. Look for signs of fretting or other indications of wear or damage. Ensure the set screws are tightened to 12 lb-in or 1.36 Nm and not beginning to back out.</p>	0.08	1	0.08	
	<p>When applicable: Check infeed/outfeed chutes or rollers for correct position and gap. Ensure rollers rotate freely, do not have residue or stickers coated on them and their height is set correctly. Ensure chutes are not loose, missing hardware or have debris in them.</p>	0.08	1	0.08	

	Clean all foreign debris from interior of sorter. Use a vacuum or blower and clean out all debris. Wipe down wear strips to remove any grease or other build up.	0.08	1	0.08	
290					

If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos:  
Before:MIN.INT.DARS45.3.Task290.Before  
After:MIN.INT.DARS45.3.Task290.After

Charge End Inspections					
	Inspect locked sprocket for proper placement in center of axle way. Ensure locking collars cannot be moved by hand. If locked sprocket is found to be loose ensure (1/32" - 1/16" or .8mm - 1.6mm) clearance between sprocket and locking rings and tighten sprocket halves and locking collars to (10 lb.-ft. or 13.6nm). <b>Note:</b> Some sprockets are retained with snap rings.	0.20	1	0.20	
300					

If camera icon is present, technician completing the PM will document pictures of measurement being taken with go/no-go, or other prescribed measurement tool. In the event, a particular task requires both left and right side measurements both should be documented. Upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos (requiring single measurement):  
Measure:14MIN.INT.DARS45.3.Task300

	Using 2mm Allen wrench as go/no go gauge verify wrench cannot be inserted between square shaft and sprocket. <b>Note:</b> Pay particular attention to sprocket corners.	0.08	1	0.08	
	Check the alignment of the sprockets. Ensure that all sprockets are aligned with the UHMW wear strips. If sprockets are not aligned this will cause tracking issues. Comment on the position of the sprockets and be sure to document any sprockets out of alignment. Best practice is to take a picture of the sprockets and attach it to work order to be saved for reference. Clean out any debris and take a photo to be uploaded on the checklist item.	0.08	1	0.08	
310					
320					

If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos:  
Before:MIN.INT.DARS45.3.Task320.Before  
After:MIN.INT.DARS45.3.Task320.After

	Inspect sprockets. Look for signs of uneven wear, cupping, tooth elongation, or broken/missing teeth. New sprocket teeth are 9MM at the top of the sprocket tooth. Wear 4.5MM or greater at the top of the sprocket tooth is considered bad and will need replaced <b>Note:</b> Picture is a worst case scenario. If the sprockets look like this replacement is needed ASAP.	0.08	1	0.08	
330					

If camera icon is present, technician completing the PM will document pictures of measurement being taken with go/no-go, or other prescribed measurement tool. In the event, a particular task requires both left and right side measurements both should be documented. Upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

**Standardized Naming convention for photos (requiring single measurement):**  
Measure:14MIN.INT.DARS45.3.Task300

 340	<p>Inspect the wear strips. Ensure wear strips have a bevel cut into them to ensure proper flow of the belt onto the rails. <b>Note:</b> Using your flashlight if the bar rail is visible through the wear strip it needs to be replaced.</p>	0.16	1	0.16	
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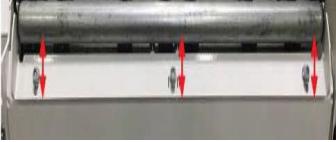
If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

**Standardized Naming convention for photos:**  
MIN.INT.DARS45.3.Task340

 350	<p>Verify all wear strips have a roll pin installed to keep the wear strip in place and secure.</p>	0.08	1	0.08	
 360	<p>Inspect the charge end belt guides. Look for evidence of pins walking and gouging into the guides.</p>	0.08	1	0.08	

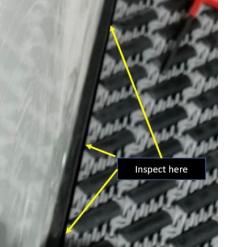
If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

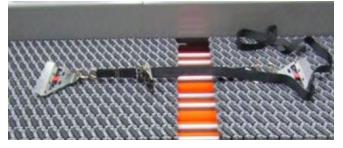
**Standardized Naming convention for photos:**  
MIN.INT.DARS45.3.Task360

 370	<p>Inspect the bearings. Look for signs of fretting or other indications of wear or damage. Ensure the set screws are tightened to 12 lb-in or 1.36 Nm and not beginning to back out.</p>	0.08	1	0.08	
 380	<p>When applicable: Check infeed/outfeed chutes or rollers for correct position and gap. Ensure rollers rotate freely, do not have residue or stickers coated on them and their height is set correctly. Ensure chutes are not loose, missing hardware or have debris in them.</p>	0.08	1	0.08	
 390	<p>Clean all foreign debris from interior of sorter. Use a vacuum or blower and clean out all debris. Wipe down wear strips to remove any grease or other build up.</p>	0.08	2	0.16	

If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.

Standardized Naming convention for photos:  
Before:MIN.INT.DARS45.3.Task390.Before  
After:MIN.INT.DARS45.3.Task390.After

Divert Assembly Inspections					
400	Clean and inspect Helix rollers for damage, freedom of movement, and that there are no flat spots present on the rollers. <b>Note:</b> Helix rollers are orange in this photo.	0.10	1	0.10	
410	Inspect carry ways and wear strips for damage and excessive wear. <b>Note:</b> Excessive wear is indicated by a hole being nearly worn through. Carry ways and their wear strips are white lines between Helix rollers in this photo.	0.10	1	0.10	
420	Inspect the wear strips. Ensure wear strips have a bevel cut into them to ensure proper flow of the belt onto the rails. <b>Note:</b> Using your flashlight if the bar rail is visible through the wear strip it needs to be replaced.	0.10	1	0.10	
430	Verify all wear strips have a roll pin installed to keep the wear strip in place and secure.	0.08	1	0.08	
440	Inspect the edge module belt guides throughout the sorter. Look for evidence of pins walking and gouging into the guides.	0.08	1	0.08	
If camera icon is present, technician completing the PM will document before and after photos and upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.					
Standardized Naming convention for photos: MIN.INT.DARS45.3.Task440					
450	Continue diverts inspections throughout the sorter until all of the diverts have been inspected.	1.00	1	1.00	
Belt Roller Inspections					

460	<p> Using calipers measure Upper belt rollers at 10 random modules throughout the sorter. If rollers measure less than (.650" or 16.51mm) rollers need to be replaced. If 30% of random rollers checked fail consult with Intralox or the MHE RE for next steps. Record the measurement. It is required to be entered in the PM data section.</p>	0.08	1	0.08	
If camera icon is present, technician completing the PM will document pictures of measurement being taken with go/no-go, or other prescribed measurement tool. In the event, a particular task requires both left and right side measurements both should be documented. Upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.					
	<b>Standardized Naming convention for photos (requiring single measurement):</b> Measure:14MIN.INT.DARS45.3.Task460				
470	<p> Using calipers measure Lower belt rollers at 10 random modules throughout the sorter. If rollers measure less than (.650" or 16.51mm) rollers need to be replaced. If 30% of random rollers checked fail consult with Intralox or the MHE RE for next steps. Record the measurement. It is required to be entered in the PM data section.</p>	0.08	1	0.08	
If camera icon is present, technician completing the PM will document pictures of measurement being taken with go/no-go, or other prescribed measurement tool. In the event, a particular task requires both left and right side measurements both should be documented. Upload to APM documents section. This SOW is required before the PM can be deemed complete and closed out. Naming convention below must be followed upon uploading jpeg. If you have any issues with photo upload or concerns regarding this SOW, reach out to your AMM.					
	<b>Standardized Naming convention for photos (requiring single measurement):</b> Measure:14MIN.INT.DARS45.3.Task470				
<b>Drive Motor Inspections</b>					
480	Check the motor and reducer. Looks for any signs of damage: leaks, wear, loose cabling or other loose components.	0.08	1	0.08	
<b>Closing The Belt</b>					
490	Follow the steps detailed in sequences 140 and 150 to install the belt tensioners and ratchet straps. Tighten the ratchet straps just enough to install a connecting pin.	0.08	2	0.16	
500	Install the connecting pin. Remove belt tensioners and ratchet straps. Remove the belt stops which were installed in sequence 150.	0.04	2	0.08	
510	<b>NOTE:</b> If an auxiliary weighted take up is installed it will need to be lowered into position. If a weighted take up is not installed skip ahead to sequence number 540.	0.00	1	0.00	
520	On one side of the take up use a (9/16" wrench for sorters with standard hardware or a 10mm wrench when metric hardware is installed) to rotate the mechanical lift screw clockwise to lower the take up roller assembly. If both take up assemblies were raised in sequence 120, lower the second take up assembly back into position before proceeding to sequence 530.	0.04	2	0.08	

530	With a partner technician use a (1/2" wrench for sorters with standard hardware or a 10mm wrench when metric hardware is installed) to install the cover at the base of the weighted take up (Removed in sequence 110).	0.05	2	0.10		
540	Remove the lock out devices from the electrical and pneumatic services.	0.05	2	0.10		

#### Return To Operation

550	Inspect the work area to ensure that non-essential items have been removed.	0.03	1	0.03	
560	Ensure tools, maintenance materials, and other items are removed to a safe location.	0.03	1	0.03	
570	Ensure equipment is intact, completely reassembled, and capable of operating properly.	0.03	1	0.03	
580	Follow Lock Out Removal Process as indicated on all affected equipment's LOTO Placards (if LOTO used)	0.06	1	0.06	
590	Start the system and inspect while running.	0.15	1	0.15	
600	APM WO Sign off & raise follow up WOs (if required)	0.10	1	0.10	
<b>Total Job Plan Duration:</b>		<b>5.055</b>	<b>Total Backlog Labor Hours:</b>		<b>5.695</b>

#### Materials Required

QTY	Part Description	APN	Vendor Part #
<b>Special Tools Needed</b>			
QTY	Tool description	APN	Vendor Tool #
1	S4500 Belt tensioner kit		C3SE016XXMT
2			

#### Safety Requirements

Permits:	<input type="checkbox"/> Confined Space Entry	<input type="checkbox"/> Hot Work	<input type="checkbox"/> Lockout/Tagout	<input checked="" type="checkbox"/>
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Additional Comments:

Document Revision	Revised By	Revised On
1	dwariggs/Jaboo	May 3, 2024

Global Job Plan Template v1, (October, 1, 2023)

### Work Order

<b>Work Order</b>	10040464565 [CEL][Fid][1] Replace Fiducial - A8DM7A TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/06/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/06/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	10/04/2025	<b>Date Completed</b>	10/04/2025 14:19
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	3
<b>PM Schedule</b>		<b>Priority</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/04/2025 14:19]:**

Fiducial A8DM7A on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/06/2025	10/06/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/06/2025	10/06/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040468761 [CEL][Fid][1] Replace Fiducial - A8AT0K TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/06/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/06/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	10/04/2025	<b>Date Completed</b>	10/04/2025 18:19
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	3
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/04/2025 18:19]:**

Fiducial A8AT0K on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/06/2025	10/06/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/06/2025	10/06/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040542289 [CEL][Fid][1] Replace Fiducial - A2X80L TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/06/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/06/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	10/06/2025	<b>Date Completed</b>	10/06/2025 02:19
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	3
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/06/2025 02:19]:**

Fiducial A2X80L on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/06/2025	10/06/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/06/2025	10/06/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040553171 [CEL][Fid][1] Replace Fiducial - 03HJYZ TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/06/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/06/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	Reprint
<b>Created</b>	10/06/2025	<b>Date Completed</b>	10/06/2025 06:19
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	3
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/06/2025 06:19]:**

Fiducial 03HJYZ on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/06/2025	10/06/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/06/2025	10/06/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040711947 Mechanical Issue	<b>Scheduled Start Date</b>	10/08/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/08/2025
<b>Created By</b>	ERWOMACK@AMAZON.COM	<b>Date Started</b>	Reprint
<b>Created</b>	10/08/2025	<b>Date Completed</b>	10/08/2025 09:19
<b>WO Type</b>	BRKD Breakdown	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	MECH Mechanical Issue	<b>Safety</b> <b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.STN.AW.416.4154 TPA4-paKivaA04 Station 4154	<b>Manufacturer</b>	AR
		<b>Model</b>	700-00211-001
		<b>Serial Number</b>	

### Comments

**ERWOMACK@AMAZON.COM [10/08/2025 09:42]:**

Part N31396 Required  
DESTACKER CLAMP ARM ASSY CCM NP08-15-0071

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/08/2025	10/08/2025	

### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.STN.AW.416.4154	Does this task require LOTO to one or more energy sources?	Yes
20	AR.ZONE.4.A.STN.AW.416.4154	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/08/2025	10/08/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040952100 [CEL][Fid][1] Replace Fiducial - AC832Y TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/12/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/11/2025 18:19
<b>Created</b>	10/11/2025	<b>Date Completed</b>	10/12/2025
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
		<b>Priority</b>	3
		<b>Warranty</b>	
<b>PM Schedule</b>		<b>Safety</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/11/2025 18:19]:**

Fiducial AC832Y on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/12/2025	10/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/12/2025	10/12/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040969293 [CEL][Fid][1] Replace Fiducial - A0EP1N TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/12/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/12/2025 02:09
<b>Created</b>	10/12/2025	<b>Date Completed</b>	10/12/2025
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
		<b>Priority</b>	3
		<b>Warranty</b>	
<b>PM Schedule</b>		<b>Safety</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/12/2025 02:09]:**

Fiducial A0EP1N on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/12/2025	10/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/12/2025	10/12/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10040969304 [CEL][Fid][1] Replace Fiducial - A2X4FD TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/12/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/12/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/12/2025 02:09
<b>Created</b>	10/12/2025	<b>Date Completed</b>	10/12/2025
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>		<b>Priority</b>	3
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/12/2025 02:09]:**

Fiducial A2X4FD on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/12/2025	10/12/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.FID.01	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.4.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/12/2025	10/12/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041104995 LOTO Demonstation	<b>Scheduled Start Date</b>	10/14/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/14/2025
<b>Created By</b>	RYANTRUA@AMAZON.COM	<b>Date Started</b>	10/14/2025 06:20
<b>Created</b>	10/14/2025	<b>Date Completed</b>	10/15/2025
<b>WO Type</b>	PR Project	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Safety Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	RYANTRUA

### Equipment

<b>Equipment</b>	DOCKS.136.LEVEL LEVEL	<b>Manufacturer</b>	RITE-HITE
		<b>Model</b>	RHH40
		<b>Serial Number</b>	

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/14/2025	10/14/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	DOCKS.136.LEVEL	Does this task require LOTO to one or more energy sources?	Yes
20	DOCKS.136.LEVEL	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Booked Hours</b>					
Employee	Date		Time On	Time Off	Total Time

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/14/2025	10/14/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date		Time On	Time Off	Total Time

### Work Order

<b>Work Order</b>	10041254510 AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Scheduled Start Date</b>	10/10/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/10/2025
<b>Created By</b>	R5	<b>Date Started</b>	10/16/2025 05:29
<b>Created</b>	10/16/2025	<b>Date Completed</b>	
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MED.AMZ.FLR02.4W AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Warranty Safety Equipment Criticality</b>	2
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Assigned To Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.SECTION.05 TPA4-paKivaA02 SECTION 04 05	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	05

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	09/19/2025	09/19/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.SECTION.05	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.2.A.SECTION.05	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List							
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
<b>Task Plan Instructions</b>							
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
10	AMER-AR FLOOR HIGH TRAFFIC SEGMENT 4 WEEK	TECH	10/10/2025	10/10/2025			
<b>Checklist</b>							
Sequence	Equipment	Description			Result		
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM			Yes: _____		
	2.A.SECTION.	05			No: _____		
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM			Completed: _____		
	2.A.SECTION.	05			_____		
<b>Task Plan Instructions</b>							
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:39]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/">https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/</a>  Overview</p> <p>Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		

### Work Order

<b>Work Order</b>	10041254537 AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Scheduled Start Date</b>	11/06/2025
<b>Status</b>	In Progress	<b>Scheduled End Date</b>	11/06/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	10/16/2025	<b>Date Completed</b>	10/16/2025 05:29
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>	MED.AMZ.FLR02.4W AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Warranty Safety Equipment Criticality</b>	3
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Assigned To Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.SECTION.05 TPA4-paKivaA04 SECTION 04 05	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	05

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/16/2025	10/16/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.SECTION.05	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.4.A.SECTION.05	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List							
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
<b>Task Plan Instructions</b>							
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier		
10	AMER-AR FLOOR HIGH TRAFFIC SEGMENT 4 WEEK	TECH	11/06/2025	11/06/2025			
<b>Checklist</b>							
Sequence	Equipment	Description			Result		
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM			Yes: _____		
	4.A.SECTION.	05			No: _____		
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM			Completed: _____		
	4.A.SECTION.	05			_____		
<b>Task Plan Instructions</b>							
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:39]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/">https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/</a>  Overview</p> <p>Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>							
<b>Booked Hours</b>							
Employee	Date	Time On	Time Off	Total Time	Type of Hours		

### Work Order

<b>Work Order</b>	10041254538 AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Scheduled Start Date</b>	11/06/2025
<b>Status</b>	In Progress	<b>Scheduled End Date</b>	11/06/2025
<b>Created By</b>	R5	<b>Date Started</b>	Reprint
<b>Created</b>	10/16/2025	<b>Date Completed</b>	10/16/2025 05:29
<b>WO Type</b>	PM Preventive maintenance	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>	MED.AMZ.FLR02.4W AMER-AR FLOOR WITH HIGH TRAFFIC SEGMENT 4 WEEK	<b>Priority</b>	5
<b>Problem Code</b>	N.A. Not Applicable (not allowed to be used in Breakdowns and Corrective)	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.SECTION.06 TPA4-paKivaA04 SECTION 04 06	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR SECTION
		<b>Serial Number</b>	06

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/16/2025	10/16/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.4.A.SECTION.06	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.4.A.SECTION.06	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List								
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
<b>Task Plan Instructions</b>								
<ul style="list-style-type: none"> <li>- select the checklist item (sequence 20),</li> <li>- click the camera symbol,</li> <li>- take a photo directly or navigate to saved photos on your device</li> </ul>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier			
10	AMER-AR FLOOR HIGH TRAFFIC SEGMENT 4 WEEK	TECH	11/06/2025	11/06/2025				
<b>Checklist</b>								
Sequence	Equipment	Description						
10	AR.ZONE.	I have completed all tasks referenced on the task list of this PM						
	4.A.SECTION.	06						
20	AR.ZONE.	I have created a follow-up work order for any issues found during this PM						
	4.A.SECTION.	06						
<b>Task Plan Instructions</b>								
<p><b>LUKEFLE@AMAZON.COM [11/26/2024 14:39]:</b>  Find PM tasks on GRU: <a href="https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/">https://learning.robotics.amazon.dev/24840#/ee0225a5-b0cb-4b82-be0a-fe8b65d76e16/</a>  Overview</p> <p>Or navigate from GRU main page: <a href="https://learning.robotics.amazon.dev/">https://learning.robotics.amazon.dev/</a></p>								
<b>Booked Hours</b>								
Employee	Date	Time On	Time Off	Total Time	Type of Hours			

### Work Order

<b>Work Order</b>	10041444432 [CEL][Fid][1] Replace Fiducial - A8WD7M TPA4-paKivaA02	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/18/2025 22:09
<b>Created</b>	10/18/2025	<b>Date Completed</b>	
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>		<b>Priority</b>	3
<b>Problem Code</b>	PRED To be used ONLY for auto generated Predictive work orders such as Monitron	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.FID.01 TPA4-paKivaA02 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/18/2025 22:09]:**

Fiducial A8WD7M on TPA4-paKivaA02 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/20/2025	10/20/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources? 2.A.FID.01	Yes: _____ No: _____
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)? 2.A.FID.01	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/20/2025	10/20/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041444435 [CEL][Fid][1] Replace Fiducial - 03HLYJ TPA4-paKivaA02	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/18/2025 22:09
<b>Created</b>	10/18/2025	<b>Date Completed</b>	
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>		<b>Priority</b>	3
<b>Problem Code</b>	PRED To be used ONLY for auto generated Predictive work orders such as Monitron	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.FID.01 TPA4-paKivaA02 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/18/2025 22:09]:**

Fiducial 03HLYJ on TPA4-paKivaA02 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/20/2025	10/20/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.FID.01	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.2.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/20/2025	10/20/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041455828 [CEL][Fid][1] Replace Fiducial - 0RPDSK TPA4-paKivaA02	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/19/2025 02:19
<b>Created</b>	10/19/2025	<b>Date Completed</b>	
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>		<b>Priority</b>	3
<b>Problem Code</b>	PRED To be used ONLY for auto generated Predictive work orders such as Monitron	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.FID.01 TPA4-paKivaA02 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/19/2025 02:19]:**

Fiducial 0RPDSK on TPA4-paKivaA02 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/20/2025	10/20/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.FID.01	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.2.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/20/2025	10/20/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041455830 [CEL][Fid][1] Replace Fiducial - VYQK36 TPA4-paKivaA02	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/19/2025 02:19
<b>Created</b>	10/19/2025	<b>Date Completed</b>	
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>		<b>Priority</b>	3
<b>Problem Code</b>	PRED To be used ONLY for auto generated Predictive work orders such as Monitron	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.FID.01 TPA4-paKivaA02 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/19/2025 02:19]:**

Fiducial VYQK36 on TPA4-paKivaA02 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/20/2025	10/20/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.FID.01	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.2.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/20/2025	10/20/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041483402 [CEL][Fid][1] Replace Fiducial - A2H20T TPA4-paKivaA02	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/19/2025 10:29
<b>Created</b>	10/19/2025	<b>Date Completed</b>	
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
		<b>Priority</b>	3
		<b>Warranty</b>	
<b>PM Schedule</b>		<b>Safety</b>	
<b>Problem Code</b>	PRED To be used ONLY for auto generated Predictive work orders such as Monitron	<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.FID.01 TPA4-paKivaA02 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/19/2025 10:29]:**

Fiducial A2H20T on TPA4-paKivaA02 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/20/2025	10/20/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.FID.01	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.2.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/20/2025	10/20/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041487438 Low Fiducials - A02	<b>Scheduled Start Date</b>	10/19/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/19/2025
<b>Created By</b>	ERWOMACK@AMAZON.COM	<b>Date Started</b>	10/19/2025 13:12
<b>Created</b>	10/19/2025	<b>Date Completed</b>	10/19/2025
<b>WO Type</b>	CM Corrective	<b>Parent WO Class</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Priority</b>	5
<b>PM Schedule</b>		<b>Warranty</b>	
<b>Problem Code</b>	ROBOTICS Robotics Specific Issue	<b>Safety Equipment Criticality</b>	1
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.FLR AMAZON ROBOTICS FLOOR	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	AR FLOOR
		<b>Serial Number</b>	

### Comments

**ERWOMACK@AMAZON.COM [10/19/2025 14:48]:**

Fiducial - VZCY10 replaced with AC835J  
 Fiducial - VYTY45 replaced with A2X5HJ  
 Fiducial - VYZQ62 replaced with A2X5HL  
 Fiducial - A0VV1G replaced with A2X5HK  
 Fiducial - A8WD0R replaced with AC835P  
 Fiducial - A0VW0Q replaced with A2X5HM  
 Fiducial - A2GZUX replaced with A2X5HN  
 Fiducial - A0W1VL replaced with A2X5HG  
 Fiducial - ORPCHP replaced with A2X5HH  
 Fiducial - VYYQ91 replaced with A2X5HF  
 Fiducial - A1V72W replaced with A2X5HC  
 Fiducial - A0W2AB replaced with A2X5HD  
 Fiducial - ORLHHM replaced with A2X5HB

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/19/2025	10/19/2025	

### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.FLR	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.2.A.FLR	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/19/2025	10/19/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours
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### Work Order

<b>Work Order</b>	10041487981 Destacker Issue - A02 - Station 2114-2116	<b>Scheduled Start Date</b>	10/19/2025
<b>Status</b>	Completed	<b>Scheduled End Date</b>	10/19/2025
<b>Created By</b>	ERWOMACK@AMAZON.COM	<b>Date Started</b>	10/19/2025 13:35
<b>Created</b>	10/19/2025	<b>Date Completed</b>	10/19/2025
<b>WO Type</b>	CM Corrective	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
		<b>Priority</b>	5
		<b>Warranty</b>	
<b>PM Schedule</b>		<b>Safety</b>	
<b>Problem Code</b>	JAM Equipment stopped due to products jamming but no component failure	<b>Equipment Criticality</b>	3
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	ERWOMACK

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.STN.AW.211.2114 TPA4-paKivaA02 Station 2114	<b>Manufacturer</b>	AR
		<b>Model</b>	700-00211-001
		<b>Serial Number</b>	

### Comments

**ERWOMACK@AMAZON.COM [10/19/2025 13:39]:**

Lift Overhang Jam

Cleared with jam pole and restarted station.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/19/2025	10/19/2025	

### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.STN.AW.211.2114	Does this task require LOTO to one or more energy sources?	No
20	AR.ZONE.2.A.STN.AW.211.2114	Are photos of applied LOTO devices uploaded to this check (comment if not)?	No

### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier

**Task Plan Instructions**

- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/19/2025	10/19/2025	

**Task Plan Instructions**
**Booked Hours**

Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041498612 [CEL][Fid][1] Replace Fiducial - 02P7DK TPA4-paKivaA02	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	Open	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/19/2025 22:09
<b>Created</b>	10/19/2025	<b>Date Completed</b>	
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>		<b>Priority</b>	3
<b>Problem Code</b>	PRED To be used ONLY for auto generated Predictive work orders such as Monitron	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.2.A.FID.01 TPA4-paKivaA02 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/19/2025 22:09]:**

Fiducial 02P7DK on TPA4-paKivaA02 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/20/2025	10/20/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.2.A.FID.01	Does this task require LOTO to one or more energy sources?	Yes: _____ No: _____
20	AR.ZONE.2.A.FID.01	Are photos of applied LOTO devices uploaded to this check (comment if not)?	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/20/2025	10/20/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

### Work Order

<b>Work Order</b>	10041498627 [CEL][Fid][1] Replace Fiducial - A2X7JP TPA4-paKivaA04	<b>Scheduled Start Date</b>	10/20/2025
<b>Status</b>	In Progress	<b>Scheduled End Date</b>	10/20/2025
<b>Created By</b>	R5ARGSS	<b>Date Started</b>	10/19/2025 22:09
<b>Created</b>	10/19/2025	<b>Date Completed</b>	
<b>WO Type</b>	CBM Condition-based Monitoring	<b>Parent WO</b>	
<b>Department</b>	RME Reliability Maintenance Engineering (RME)	<b>Class</b>	
<b>PM Schedule</b>		<b>Priority</b>	3
<b>Problem Code</b>	PRED To be used ONLY for auto generated Predictive work orders such as Monitron	<b>Warranty</b>	
		<b>Safety</b>	
		<b>Equipment Criticality</b>	
		<b>Assigned To</b>	ERWOMACK
		<b>Reported By</b>	

### Equipment

<b>Equipment</b>	AR.ZONE.4.A.FID.01 TPA4-paKivaA04 Fiducials	<b>Manufacturer</b>	AMAZON
		<b>Model</b>	FID.GRP
		<b>Serial Number</b>	

### Comments

**R5ARGSS [10/19/2025 22:09]:**

Fiducial A2X7JP on TPA4-paKivaA04 is reporting multiple read issues. Please follow instructions on GRU for inspection and replacement procedures.

### Activity List

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
1	LOTO Evidence	TECH	10/20/2025	10/20/2025	

#### Checklist

Sequence	Equipment	Description	Result
10	AR.ZONE.	Does this task require LOTO to one or more energy sources? 4.A.FID.01	Yes: _____ No: _____
20	AR.ZONE.	Are photos of applied LOTO devices uploaded to this check (comment if not)? 4.A.FID.01	Yes: _____ No: _____

#### Task Plan Instructions

**R5 [02/13/2023 13:46]:**

Photographic Evidence of applied LOTO

"10 - Does the task require LOTO to one or more energy source?"

Confirm if this task requires a LOTO procedure to any energy source by selecting 'Yes'. If the task does not require LOTO select 'No'.

"20 - Are photos of applied LOTO devices uploaded to this check (comment if not)?"

In case LOTO is required for this task photographic evidence should be uploaded to this check (sequence 20). In case there are multiple energy sources to be isolated, upload a photo of every isolation point showing the applied LOTO device.

Steps to upload LOTO photos on APM:

- select the checklist item (sequence 20),
- click 'Actions' on the bottom of the checklist tab,
- select 'Add/Edit Checklist Items Documents'
- select 'Actions' > Create/Upload Document'

Steps to upload LOTO photos on APM Mobile:

Activity List					
Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
<b>Task Plan Instructions</b>					

- select the checklist item (sequence 20),
- click the camera symbol,
- take a photo directly or navigate to saved photos on your device

Booked Hours					
Employee	Date	Time On	Time Off	Total Time	Type of Hours

Activity	Task Plan Description	Trade	Start Date	End Date	Supplier
10		TECH	10/20/2025	10/20/2025	
<b>Task Plan Instructions</b>					
<b>Booked Hours</b>					
Employee	Date	Time On	Time Off	Total Time	Type of Hours