

CHAPTER

26

FIRE PROTECTION

AKS
**737-600/700/800/900
TASK CARDS**
**CHAPTER 26
FIRE PROTECTION**

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26-EFFECTIVE PAGES			26-080-00-01	SYS		26-110-00-01	SYS (cont)	
1 thru 3	JUN 15/2016		R 1	Jun 15/2016		3	Oct 15/2014	
4	BLANK		2	Feb 15/2015		4	Oct 15/2014	
26-010-00-01	SYS		3	Feb 15/2015		5	Jun 15/2015	
1	Jun 15/2015		4	Feb 15/2015		6	Oct 15/2015	
2	Oct 15/2015		5	Feb 15/2016		7	Jun 15/2015	
3	Oct 15/2015		6	Feb 15/2015		8	Jun 15/2015	
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26-020-00-02	SYS		8	Jun 15/2015		10	Jun 15/2015	
R 1	Jun 15/2016		9	Jun 15/2015		11	Jun 15/2015	
2	Oct 15/2015		26-090-00-01	SYS		26-120-00-01	SYS	
3	Jun 15/2015		R 1	Jun 15/2016		R 1	Jun 15/2016	
26-030-00-01	SYS		R 2	Jun 15/2016		R 2	Jun 15/2016	
1	Jun 15/2015		3	Feb 15/2015		3	Feb 15/2015	
2	Jun 15/2015		4	Feb 15/2015		4	Feb 15/2015	
R 3	Jun 15/2016		R 5	Jun 15/2016		R 5	Jun 15/2016	
R 4	Jun 15/2016		O 6	Jun 15/2016		O 6	Jun 15/2016	
5	Oct 15/2014		R 7	Jun 15/2016		R 7	Jun 15/2016	
6	Jun 15/2015		R 8	Jun 15/2016		R 8	Jun 15/2016	
7	Jun 15/2015		9	Jun 15/2015		9	Jun 15/2015	
26-050-00-01	SYS		10	Jun 15/2015		10	Jun 15/2015	
1	Feb 15/2015		11	Jun 15/2015		11	Jun 15/2015	
2	Feb 15/2015		26-100-00-01	SYS		26-130-00-01	SYS	
3	Jun 15/2015		R 1	Jun 15/2016		R 1	Jun 15/2016	
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26-070-00-01	SYS		R 7	Jun 15/2016		R 7	Jun 15/2016	
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3	Feb 15/2016		10	Jun 15/2015		10	Jun 15/2015	
4	Jun 15/2015		11	Jun 15/2015		11	Jun 15/2015	
5	Jun 15/2015		26-110-00-01	SYS		26-150-00-01	SYS	
6	Jun 15/2015		1	Oct 15/2015		R 1	Jun 15/2016	
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A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated Change

26-EFFECTIVE PAGES

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26-150-00-01	SYS (cont)		26-230-00-01	SYS		26-330-00-01	SYS	
O 3	Jun 15/2016		1	Jun 15/2015		R 1	Jun 15/2016	
R 4	Jun 15/2016		2	Feb 15/2015		2	Feb 15/2015	
5	Oct 15/2014		3	Jun 15/2015		3	Jun 15/2015	
R 6	Jun 15/2016		4	Jun 15/2015		4	Oct 15/2014	
7	Jun 15/2015		5	Jun 15/2015		5	Jun 15/2015	
8	Jun 15/2015		26-250-00-01	SYS		6	Oct 15/2014	
9	Jun 15/2015		1	Jun 15/2015		7	Jun 15/2015	
10	Oct 15/2015		2	Jun 15/2015		8	Oct 15/2015	
26-170-00-01	SYS		3	Oct 15/2015		9	Jun 15/2015	
1	Oct 15/2014		4	Oct 15/2015		10	Jun 15/2015	
2	Feb 15/2015		5	Jun 15/2015		26-340-00-01	SYS	
3	Jun 15/2015		6	Jun 15/2015		R 1	Jun 15/2016	
4	Jun 15/2015		26-260-00-01	SYS		2	Feb 15/2015	
5	Jun 15/2015		R 1	Jun 15/2016		R 3	Jun 15/2016	
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26-210-00-01	SYS		3	Feb 15/2016		O 5	Jun 15/2016	
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26-220-00-01	SYS		1	Oct 15/2014		3	Oct 15/2015	
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2	Feb 15/2015		26-290-00-01	SYS		5	Feb 15/2015	
3	Feb 15/2015		1	Feb 15/2015		R 6	Jun 15/2016	
4	Feb 15/2015		2	Feb 15/2015		R 7	Jun 15/2016	
5	Feb 15/2015		3	Feb 15/2015		O 8	Jun 15/2016	
6	Jun 15/2015		4	Jun 15/2015		O 9	Jun 15/2016	
7	Feb 15/2015		26-300-00-01	SYS		O 10	Jun 15/2016	
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9	Jun 15/2015		R 2	Jun 15/2016		12	Oct 15/2015	
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26-EFFECTIVE PAGES

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737-600/700/800/900

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26-370-00-01	SYS							
R 1	Jun 15/2016							
2	Feb 15/2015							
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26-390-00-01	SYS							
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26-400-00-01	SYS							
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26-450-00-01	SYS							
R 1	Jun 15/2016							
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26-470-00-01	SYS							
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26-550-02-01	SYS							
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26-EFFECTIVE PAGES

AKS
**737-600/700/800/900
TASK CARDS**

AIRLINE CARD NO		TITLE LAVATORY SMOKE DETECTOR			BOEING CARD NO.
DATE	TASK OPERATIONAL				26-010-00-01
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	RELATED CARD APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 220 240

Operational check of the lavatory smoke detectors.

A. References

Reference	Title
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 24-22-00-860-813	Supply External Power (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-11202	Smoke Generator - Lavatory/Crew Rest Smoke Detector (or 737 Cargo Area Type Smoke Detectors) Part #: 25S Supplier: 61908 Part #: SOLOA4 Supplier: 1WU32

EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY SMOKE DETECTOR
		D633A109-AKS 26-010-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-010-00-01
				MECH INSP
TASK 26-14-00-730-801				
1. Lavatory Smoke Detection - Smoke Test				
(Figure 1)				
A. Prepare for the Test				
SUBTASK 26-14-00-860-001				
(1) Do this task: Supply External Power, AMM TASK 24-22-00-860-813.				
SUBTASK 26-14-00-860-002				
(2) Make sure that this circuit breaker is closed:				
CAPT Electrical System Panel, P18-3				
Row Col Number Name				
E 12 C01125 LAVATORY SMOKE				
B. Smoke Test				
AKS ALL; AIRPLANES WITH KIDDE PHOTOELECTRIC DETECTORS				
SUBTASK 26-14-00-860-015				
(1) Make sure the LED status indicator on the lavatory smoke detector is a solid green light.				
AKS ALL				
SUBTASK 26-14-00-730-007				
(2) Use a smoke generator, COM-11202, to make smoke adjacent to the lavatory smoke detector.				
SUBTASK 26-14-00-750-003				
(3) Make sure these alarm indications occur:				
(a) Lavatories:				
AKS ALL; AIRPLANES WITH KIDDE PHOTOELECTRIC DETECTORS				
1) The LED status indicator on the smoke detector is a solid red light.				
2) You can hear the alarm horn from the smoke detector.				
SUBTASK 26-14-00-730-008				
(4) Push the horn cancel switch on the smoke detector with an applicable tool				
(a) Make sure all of the alarm indications stop.				
AKS ALL				
SUBTASK 26-14-00-860-004				
(5) Clear the smoke from the lavatory.				
NOTE: If the smoke is not cleared from the lavatory within 60 seconds, the smoke indications will occur again.				
SUBTASK 26-14-00-730-005				
(6) Do the Smoke Test again for each of the other lavatory smoke detectors.				

EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY SMOKE DETECTOR D633A109-AKS 26-010-00-01	Page 2 of 4 Oct 15/2015
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-010-00-01
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C. Put the Airplane Back to Its Usual Condition

SUBTASK 26-14-00-860-005

- (1) Do this task: Remove Electrical Power, AMM TASK 24-22-00-860-812.

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY SMOKE DETECTOR
		D633A109-AKS 26-010-00-01

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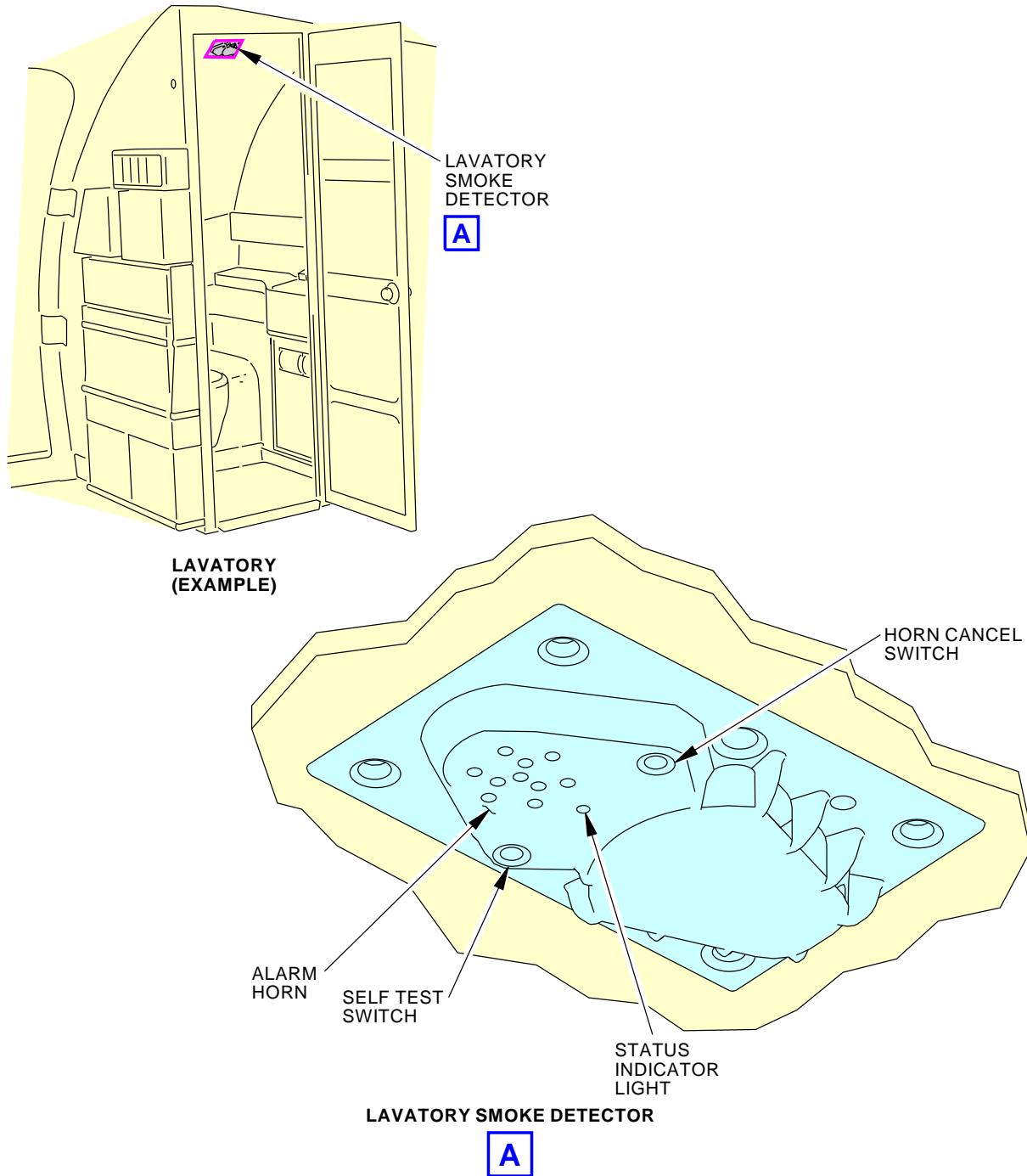
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-010-00-01

Lavatory Smoke Detection Adjustment
Figure 1

1895411 S0000346465_V2

EFFECTIVITY AKS ALL; AIRPLANES WITH KIDDE PHOTOELECTRIC DETECTORS	SOURCE MRB	LAVATORY SMOKE DETECTOR
		D633A109-AKS 26-010-00-01

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AKS

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TASK CARDS

AIRLINE CARD NO		TITLE LAVATORY SMOKE DETECTOR GRILL CLEANING			BOEING CARD NO.
DATE	TASK RESTORE				26-020-00-02
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 200

Restore lavatory smoke detector grill by cleaning (Photoelectric type detectors).

A. References

Reference	Title
AMM 26-14-01-000-802	Lavatory Smoke Detector Removal (Kidde) (P/B 401)

B. Consumable Materials

Reference	Description	Specification
B00065	Alcohol - Denatured, Ethyl (Ethanol)	AMS 3002 (Supersedes O-A-396)
G00034	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth, Gauze)	BMS15-5 Class A

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
STD-1086	Gloves - Rubber

EFFECTIVITY AKS ALL; AIRPLANES WITH KIDDE PHOTOELECTRIC DETECTORS	SOURCE MRB	LAVATORY SMOKE DETECTOR GRILL CLEANING
		D633A109-AKS 26-020-00-02

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-020-00-02	MECH	INSP

TASK 26-14-01-100-802

1. Lavatory Smoke Detector Cleaning
(Figure 1)

A. Lavatory Smoke Detector Cleaning

SUBTASK 26-14-01-100-001

(1) Open this circuit breaker and install safety tag:

CAPT Electrical System Panel, P18-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	12	C01125	LAVATORY SMOKE

SUBTASK 26-14-01-000-001

WARNING: KEEP THIS MATERIAL AWAY FROM SPARKS, FLAME, AND HEAT BECAUSE IT IS FLAMMABLE. PUT ON A RESPIRATOR. DO NOT BREATHE THE FUMES. MAKE SURE THAT THERE IS SUFFICIENT AIRFLOW. DO NOT GET THIS MATERIAL IN YOUR MOUTH, EYES, OR ON YOUR SKIN. CLEAN BARE SKIN FULLY AFTER YOU USE THIS MATERIAL. THIS MATERIAL CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

(2) Put on the rubber gloves, STD-1086.

(3) Remove the dirt from the exterior of the smoke detector [1] with a cotton wiper, G00034 soaked with alcohol, B00065.

CAUTION: DO NOT CLEAN THE KIDDE SMOKE DETECTOR SENSORS. YOU MUST SEND THESE TO THE SUPPLIER TO CLEAN. IF YOU CLEAN THE SENSOR, YOU CAN CAUSE DAMAGE TO THE SENSORS.

(4) If smoke detector sensor needs to be cleaned, then remove detector (AMM TASK 26-14-01-000-802) and send it to supplier for cleaning.

SUBTASK 26-14-01-860-012

(5) Remove the safety tag and close this circuit breaker:

CAPT Electrical System Panel, P18-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	12	C01125	LAVATORY SMOKE

———— END OF TASK ————

EFFECTIVITY AKS ALL; AIRPLANES WITH KIDDE PHOTOELECTRIC DETECTORS	SOURCE MRB	LAVATORY SMOKE DETECTOR GRILL CLEANING	
		D633A109-AKS 26-020-00-02	Page 2 of 3 Oct 15/2015

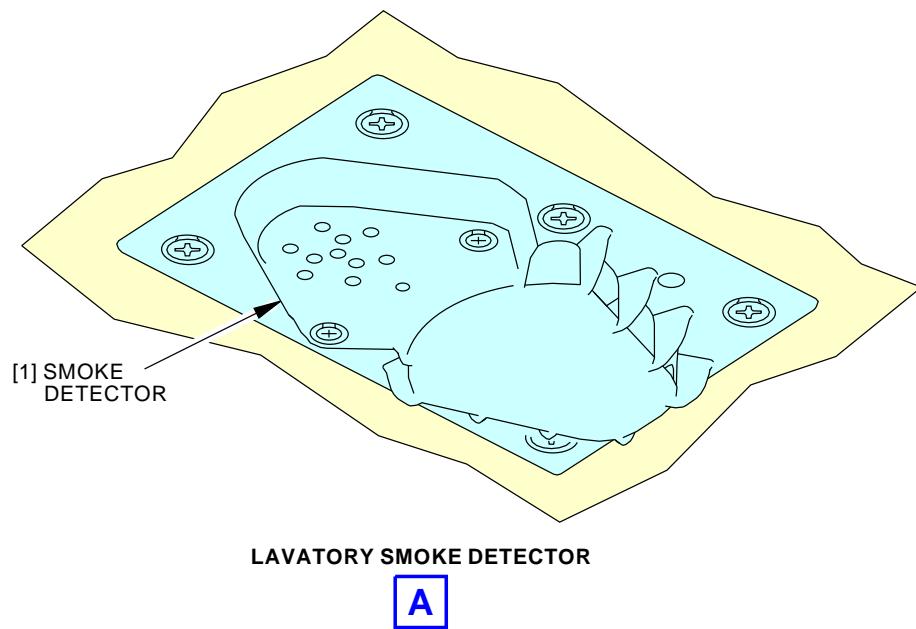
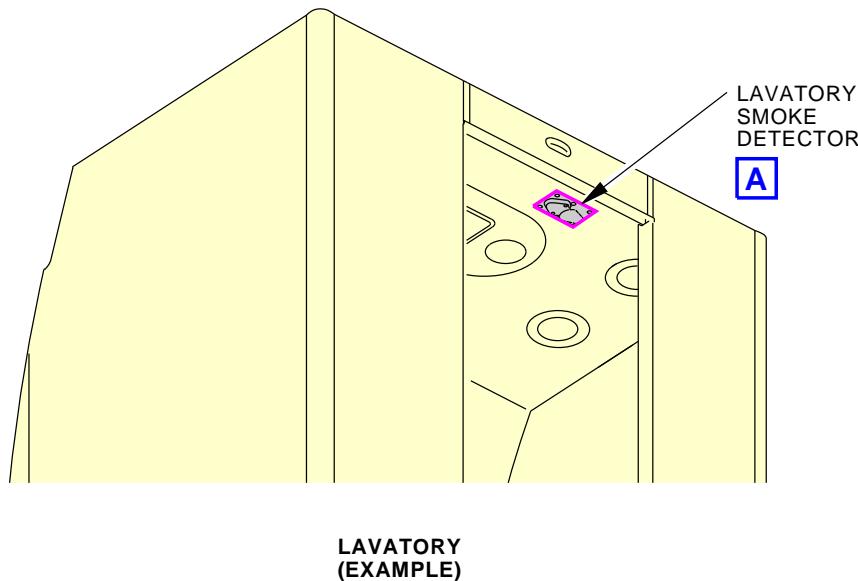
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-020-00-02

**Lavatory Smoke Detector Cleaning
Figure 1**

1921113 S0000360283_V2

EFFECTIVITY AKS ALL; AIRPLANES WITH KIDDE PHOTOELECTRIC DETECTORS	SOURCE MRB	LAVATORY SMOKE DETECTOR GRILL CLEANING
		D633A109-AKS 26-020-00-02

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AKS**737-600/700/800/900
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AIRLINE CARD NO		TITLE APU REMOTE FIRE DETECTION SYSTEM			BOEING CARD NO. 26-030-00-01
DATE	TASK OPERATIONAL				RELATED CARD
TAIL NUMBER	WORK AREA R MAIN W/W	VERSION 1.1	THRESHOLD 12000 FH	REPEAT 12000 FH	APPLICABILITY AIRPLANE ENGINE ALL ALL
STATION	SKILL ELEC	ACCESS 117A			ZONE 117 134 210

Operational check of the APU remote fire detection system (M279 fire detection control module and P28 remote APU control panel).

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE FIRE DETECTION SYSTEM
		D633A109-AKS 26-030-00-01

AKS**737-600/700/800/900
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-030-00-01	MECH	INSP																							
TASK 26-15-00-710-801																													
1. APU Fire Detection - Operational Test (Figure 1)																													
A. General (1) The Operational Test does a check of the APU Fire Detection System without disturbing the detection system and it only uses the equipment that is on the airplane. This test will verify the circuit from the Engine and APU Fire Detection Control Module, M279 to the Fire Control Panel, P8-1, and to the APU Remote Panel, P28. The test will verify that the Engine and APU Fire Detection Control Module, which continuously monitors the detection loops, operates correctly. <u>NOTE:</u> The FIRE WARN lights and the ALARM BELL are not activated if the APU fire detection system is inoperative. Only if the engines and APU are functioning properly will the FIRE WARN lights and ALARM BELL be activated. The circuit design precludes latent failure modes due to the parallel path of the test circuit and the actuation circuit. <u>NOTE:</u> If AC power is removed (no power on main buses) and if there is a faulty APU LOOP, the FIRE BELL, the FIRE WARNING light, the MASTER CAUTION and the OVHT/DET lights are not activated.																													
B. Prepare for the Operational Test SUBTASK 26-15-00-860-001 (1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811. SUBTASK 26-15-00-860-002 (2) Make sure that these circuit breakers are closed: F/O Electrical System Panel, P6-2 <table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>A</td><td>22</td><td>C00407</td><td>FIRE PROTECTION DETECTION ENG 2</td></tr><tr><td>A</td><td>23</td><td>C00403</td><td>FIRE PROTECTION DETECTION APU</td></tr><tr><td>A</td><td>24</td><td>C00405</td><td>FIRE PROTECTION DETECTION ENG 1</td></tr></tbody></table> SUBTASK 26-15-00-860-003 (3) Open this circuit breaker and install safety tag: F/O Electrical System Panel, P6-2 <table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>A</td><td>19</td><td>C00388</td><td>FIRE PROTECTION DET OVHT WW WING BODY</td></tr></tbody></table>	<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	A	22	C00407	FIRE PROTECTION DETECTION ENG 2	A	23	C00403	FIRE PROTECTION DETECTION APU	A	24	C00405	FIRE PROTECTION DETECTION ENG 1	<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	A	19	C00388	FIRE PROTECTION DET OVHT WW WING BODY					
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																										
A	22	C00407	FIRE PROTECTION DETECTION ENG 2																										
A	23	C00403	FIRE PROTECTION DETECTION APU																										
A	24	C00405	FIRE PROTECTION DETECTION ENG 1																										
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																										
A	19	C00388	FIRE PROTECTION DET OVHT WW WING BODY																										

EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE FIRE DETECTION SYSTEM D633A109-AKS 26-030-00-01	Page 2 of 7 Jun 15/2015
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TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-030-00-01
				MECH INSP
C. Do the FIRE/OVHT Test				
SUBTASK 26-15-00-710-001				
(1) Move and hold the TEST switch on the Fire Control Panel, P8-1, to the OVHT/FIRE position.				
<p><u>NOTE:</u> When performing the Fire/OVHT Test with a faulted APU fire detector loop, the MASTER CAUTION lights are off, the FIRE WARN and OVHT/DET lights are off, the Fire Bell does not sound and the APU DET INOP light will be on.</p> <p><u>NOTE:</u> Ignore the indication lights for the engine and wheel well detection system and the indications on the Engine and APU Fire Detection Control Module, M279, in the Electronic Equipment Bay.</p>				
(a) On the Fire Control Panel, make sure these lights come on: <ol style="list-style-type: none">1) APU Fire Switch light (Red).				
(b) On the Pilot's Glareshield, P7, make sure these lights come on: <ol style="list-style-type: none">1) The Captain's and First Officer's MASTER CAUTION lights (Amber).2) The Captain's and First Officer's FIRE WARN lights (Red).3) The OVHT/DET light (Amber).				
(c) Make sure the flight compartment fire bell in the Aural Warning Module, M315, comes on.				
(d) In the right main wheel well, make sure these conditions occur: <ol style="list-style-type: none">1) The APU remote fire light (red), on the P28 panel, flashes on and off continuously.2) The APU fire warning horn comes on.				
SUBTASK 26-15-00-710-002				
(2) Release the TEST switch on the Engine and APU Fire Control Panel.				
(a) On the Engine and APU Fire Control Panel, make sure these lights go off: <ol style="list-style-type: none">1) APU Fire Switch light (Red).				
(b) On the Pilot's Glareshield, make sure these lights go off: <ol style="list-style-type: none">1) The Captain's and First Officer's MASTER CAUTION lights (Amber).2) The Captain's and First Officer's FIRE WARN lights (Red).3) The OVHT/DET light (Amber).				
(c) Make sure the flight compartment fire bell in the Aural Warning Module, M315, stops.				
(d) In the right main wheel well, make sure these conditions occur: <ol style="list-style-type: none">1) The APU remote fire light (red), on the P28 panel, goes off.2) The APU fire warning horn stops.				

EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE FIRE DETECTION SYSTEM
		D633A109-AKS 26-030-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-030-00-01
D. Do the FAULT/INOP Test from the Engine and APU Fire Control Panel, P8-1				MECH INSP
SUBTASK 26-15-00-710-003				
(1) Move and hold the TEST switch on the Engine and APU Fire Control Panel to the FAULT/INOP position.				
NOTE: Ignore the indication lights for the engine detection system and the indications on the Engine and APU Fire Detection Control Module, M279, in the Electronic Equipment Bay.				
(a) On the Engine and APU Fire Control Panel, make sure these lights come on:				
1) APU DET INOP light (Amber).				
NOTE: When performing the FAULT/INOP Test with a faulted APU detector loop, the APU DET INOP light will stay on, the MASTER CAUTION lights are off and the FAULT light will come on during the test.				
2) FAULT light (Amber)				
(b) On the Pilot's Glareshield, P7, make sure these lights come on:				
1) The Captain's and First Officer's MASTER CAUTION lights (Amber).				
2) The OVHT/DET light (Amber).				
SUBTASK 26-15-00-710-004				
(2) Release the TEST switch on the Engine and APU Fire Control Panel.				
(a) On the Engine and APU Fire Control Panel, make sure these lights are off:				
1) APU DET INOP light (Amber).				
2) FAULT light (Amber)				
(b) On the Pilot's Glareshield, P7, make sure these lights are off:				
1) The Captain's and First Officer's MASTER CAUTION lights (Amber).				
2) The OVHT/DET light (Amber).				
E. Do the FAULT/INOP Test from the Engine and APU Fire Detection Control Module, M279.				
SUBTASK 26-15-00-710-005				
(1) Push and hold the FAULT/INOP TEST switch on the Engine and APU Fire Detection Control Module, in the Electrical and Electronics Compartment.				
NOTE: Ignore the indications for the engine detection system and the indications that will occur in the flight compartment on the Engine and APU Fire Control Panel, P8-1, and the Pilot's Glareshield, P7.				
(a) On the Engine and APU Fire Detection Control Module, make sure these lights come on:				
1) APU (Amber).				
2) The three FAULT CODE lights are ON-ON-ON.				
SUBTASK 26-15-00-710-006				
(2) Release the FAULT/INOP TEST switch on the Engine and APU Fire Detection Control Module.				
(a) On the Engine and APU Fire Detection Control Module, make sure these lights are off:				

EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE FIRE DETECTION SYSTEM	
		D633A109-AKS 26-030-00-01	Page 4 of 7 Jun 15/2016

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-030-00-01	
				1) APU (Amber). 2) The three FAULT CODE lights are OFF-OFF-OFF.	MECH INSP

F. Put the Airplane Back to its Usual Condition

SUBTASK 26-15-00-860-004

- (1) Close this circuit breaker:

F/O Electrical System Panel, P6-2Row Col Number Name

A 19 C00388 FIRE PROTECTION DET OVHT WW WING BODY

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE FIRE DETECTION SYSTEM
		D633A109-AKS 26-030-00-01

Page 5 of 7
Oct 15/2014

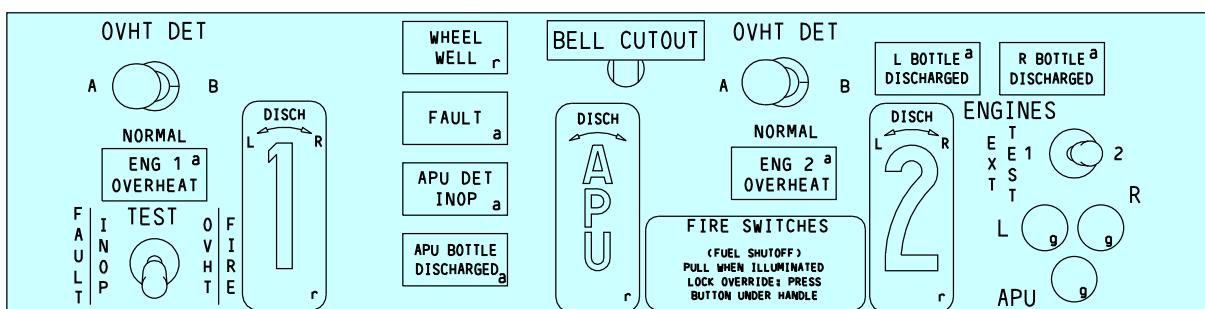
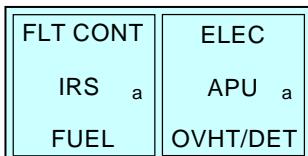
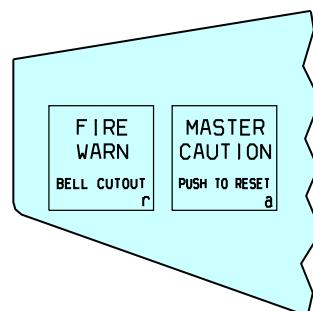
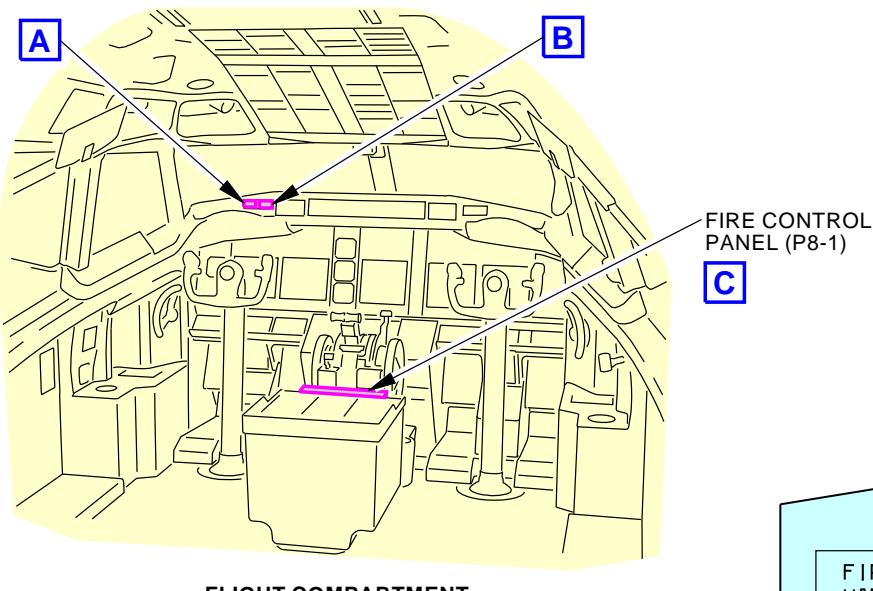
AKS
**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-030-00-01

Auxiliary Power Unit (APU) Fire Detection Operational Test
Figure 1 (Sheet 1 of 2)

G21988 S0006568129_V2

EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE FIRE DETECTION SYSTEM
		D633A109-AKS 26-030-00-01

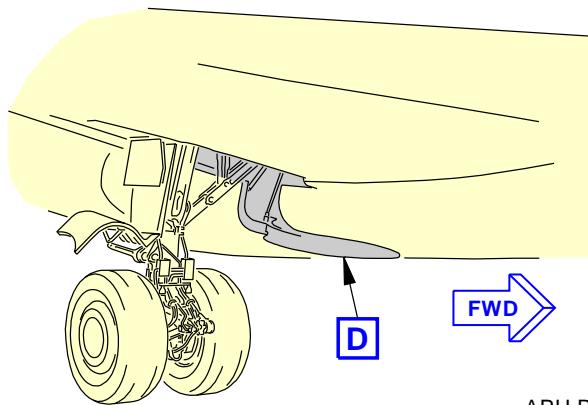
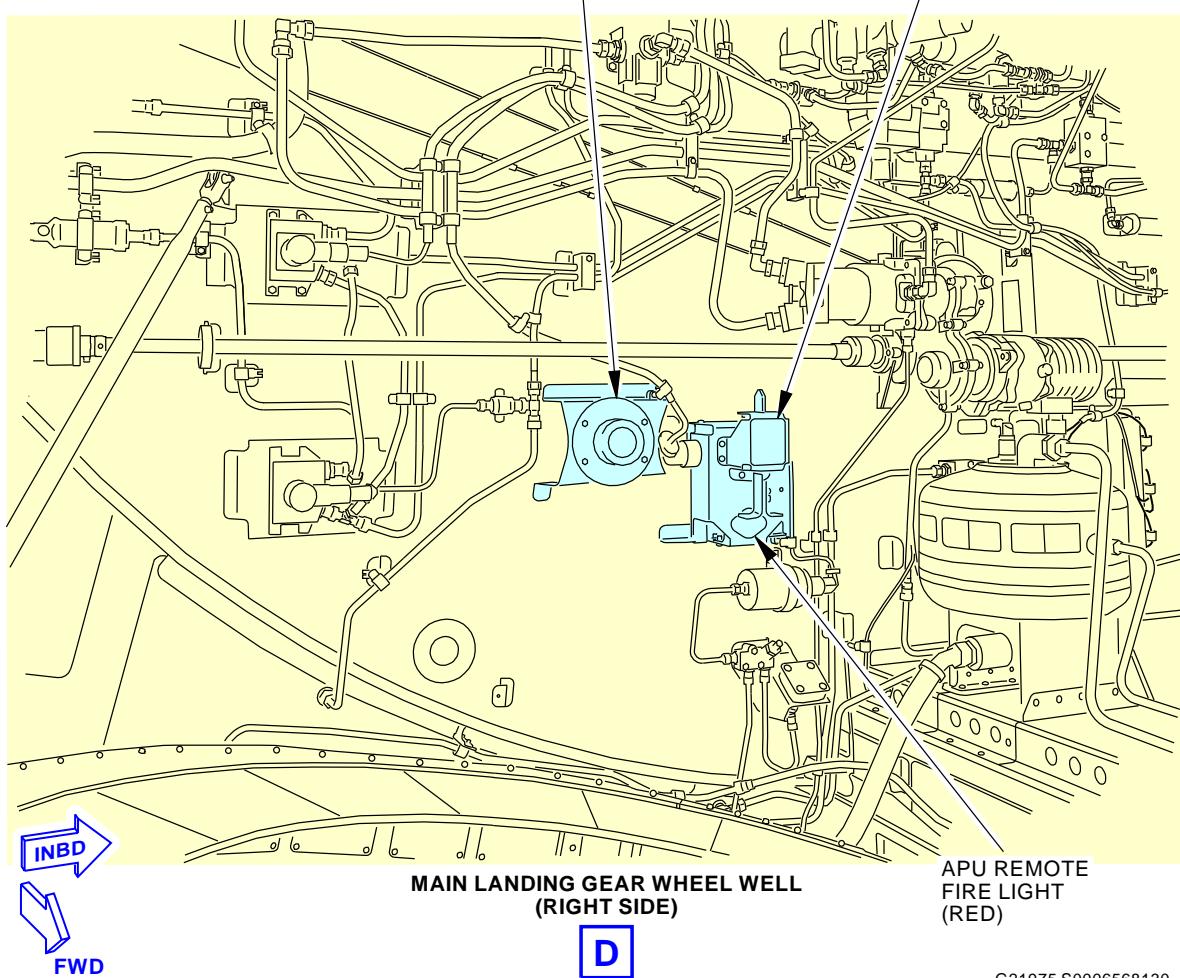
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-030-00-01APU REMOTE
WARN HORNAPU REMOTE
CONTROL PANEL, P28MAIN LANDING GEAR WHEEL WELL
(RIGHT SIDE)APU REMOTE
FIRE LIGHT
(RED)

D

G21975 S0006568130_V2

**Auxiliary Power Unit (APU) Fire Detection Operational Test
Figure 1 (Sheet 2 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**APU REMOTE FIRE DETECTION SYSTEM****D633A109-AKS
26-030-00-01****Page 7 of 7
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE BOTTLE PRESSURE GAUGES			BOEING CARD NO.
DATE	TASK VISUAL CHECK				26-050-00-01
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD 3600 FH	REPEAT 3600 FH	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY AIRPLANE ENGINE ALL ALL
		ACCESS 311BL			ZONE 133 311

Visually check engine fire bottle pressure gauge for correct pressure. (and APU fire bottle pressure gauge if installed).

A. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
STD-1122	Thermometer - Alcohol/Mercury (or equivalent meter meets task requirements)

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGES
		D633A109-AKS 26-050-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-050-00-01
TASK 26-20-00-210-802				MECH INSP

1. Engine Fire Extinguishing Bottle Check**A. Fire Extinguishing Bottle Check**

NOTE: This procedure is for fire extinguishing bottles with pressure gauges. No action is required if a pressure gauge is not installed.

SUBTASK 26-20-00-860-002

- (1) Allow the fire bottle to reach ambient temperature.

NOTE: It may take several hours with the airplanes on the ground for the halon in the bottles to reach ambient temperature.

SUBTASK 26-20-00-010-003

- (2) The engine fire bottles are located on the aft bulkhead in the left main landing gear wheel well.

SUBTASK 26-20-00-970-002

CAUTION: KEEP MERCURY THERMOMETERS AWAY FROM THE AIRPLANE. IF THE THERMOMETER BREAKS, MERCURY CAN CAUSE DAMAGE TO THE AIRPLANE COMPONENTS.

- (3) Use a thermometer, STD-1122 to get the ambient air temperature by the fire bottle.

SUBTASK 26-20-00-210-003

- (4) Find the acceptable pressure range for the current temperature in the temperature curve Figure 1 or Figure 2

SUBTASK 26-20-00-210-004

- (5) Read the pressure gauge on the fire bottles.

- (a) Make sure the pressure on the gauge falls within the pressure limits.

- 1) If the pressure on the gauge is not within the limits shown, replace the fire bottle with a serviceable fire bottle.

———— END OF TASK ———

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGES
		D633A109-AKS 26-050-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-050-00-01
				MECH INSP
TASK 26-20-00-210-801				
2. APU Fire Extinguishing Bottle Check				
A. General				
(1) This procedure is applicable to fire extinguishing bottles with pressure gauges. This procedure is not required if a pressure gauge is not installed.				
B. Fire Extinguishing Bottle Check				
SUBTASK 26-20-00-860-001				
(1) Allow the fire bottle to reach ambient temperature.				
NOTE: It will take several hours with the airplane on the ground for the halon in the bottles to reach ambient temperature.				
SUBTASK 26-20-00-010-001				
(2) To access the APU fire bottle, do this step:				
Open this access panel:				
Number Name/Location				
311BL Stabilizer Trim Access Door				
SUBTASK 26-20-00-970-001				
CAUTION: DO NOT PUT A MERCURY THERMOMETER ON THE AIRPLANE. MERCURY (FROM A BROKEN THERMOMETER) CAN CAUSE DAMAGE TO THE AIRPLANE COMPONENTS.				
(3) Use a thermometer, STD-1122, to get the ambient air temperature by the fire bottle.				
NOTE: Do not use the total temperature indication from the airplane for the ambient air temperature.				
SUBTASK 26-20-00-210-001				
(4) Find the acceptable pressure range for the current temperature in the temperature curve Figure 3 or Figure 4.				
SUBTASK 26-20-00-210-002				
(5) Do these steps:				
(a) Read the pressure gauge on the fire bottle.				
(b) Make sure the pressure on the gauge falls within the pressure limits.				
1) If the pressure on the gauge is not within the limits shown, replace the fire bottle with a serviceable fire bottle.				
SUBTASK 26-20-00-410-001				
(6) To close the APU fire bottle access panel, do this step:				
Close this access panel:				
Number Name/Location				
311BL Stabilizer Trim Access Door				
END OF TASK				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGES	
		D633A109-AKS 26-050-00-01	Page 3 of 8 Jun 15/2015

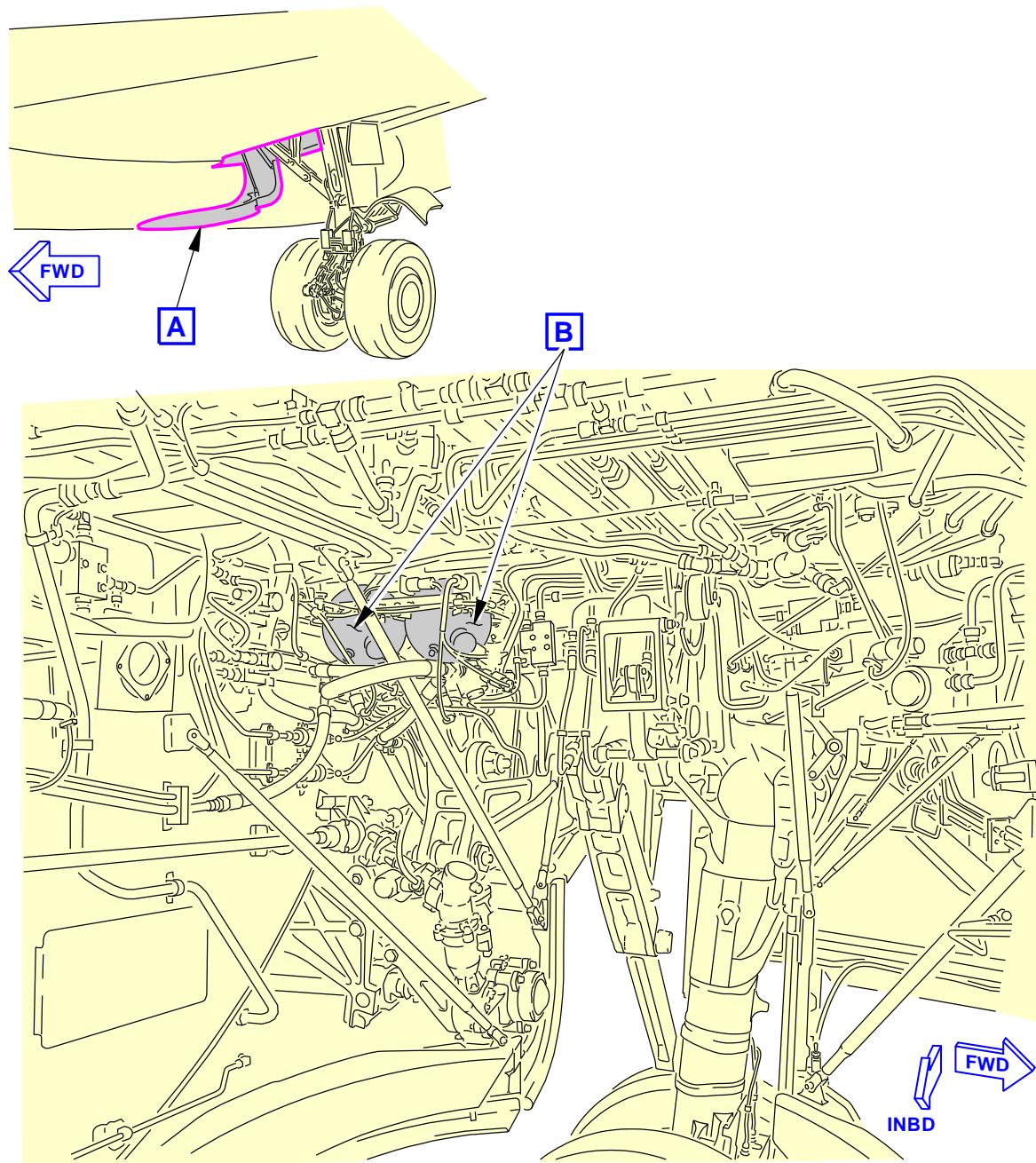
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

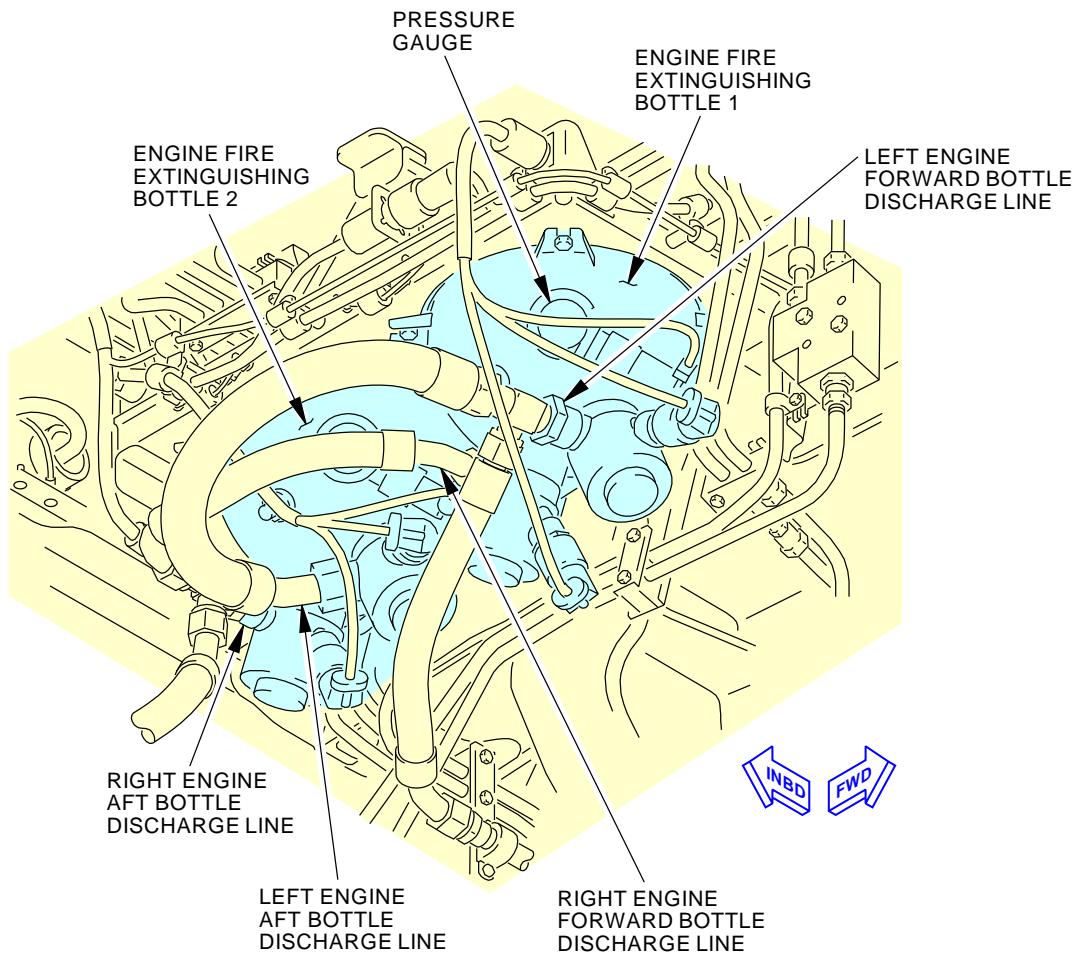
BOEING CARD NO.
26-050-00-01**MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)****A****Engine Fire Extinguishing Bottle Inspection
Figure 1 (Sheet 1 of 2)**

H58750 S0006568259_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE BOTTLE PRESSURE GAUGES****D633A109-AKS
26-050-00-01****Page 4 of 8
Jun 15/2015**

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-050-00-01
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**B**

H58755 S0006568260_V3

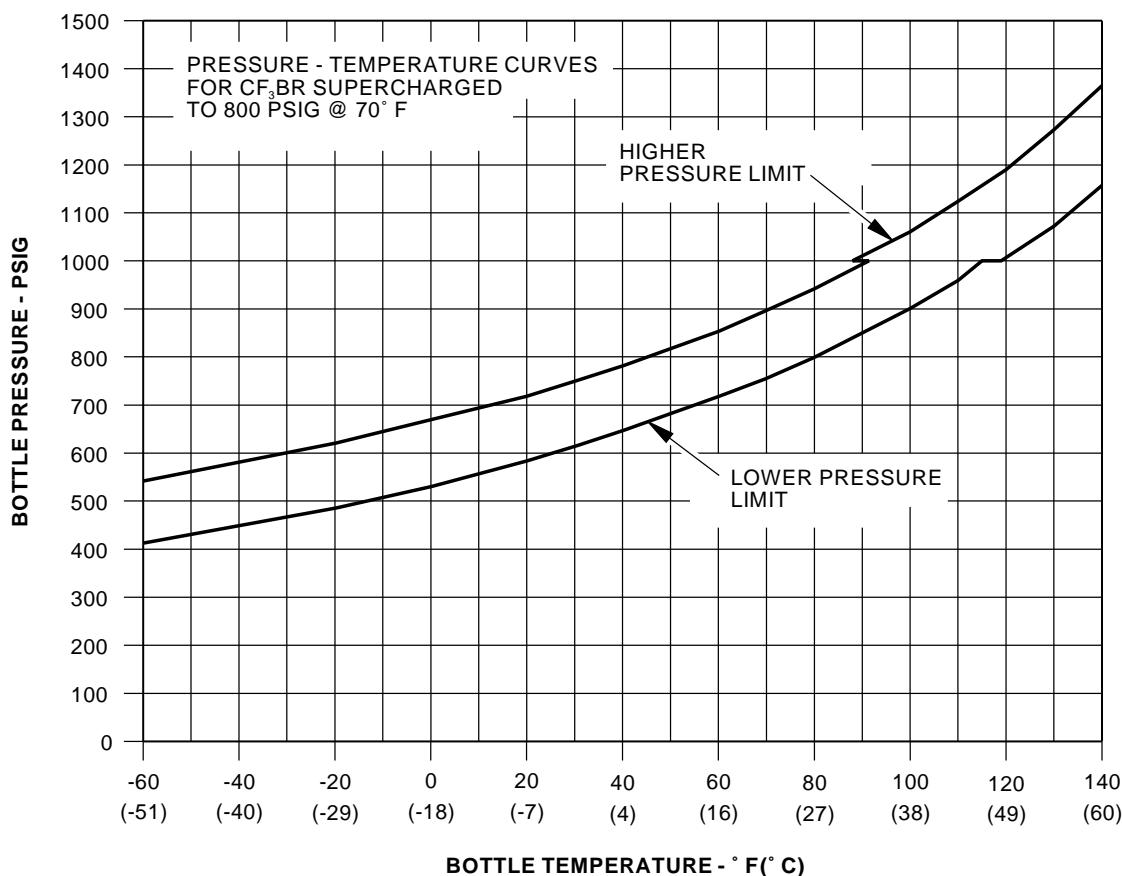
**Engine Fire Extinguishing Bottle Inspection
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGES
		D633A109-AKS 26-050-00-01

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Jun 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-050-00-01



G35596 S0006568232_V2

**Fire Extinguisher Bottle Pressure - Temperature Curve
Figure 2**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGES
		D633A109-AKS 26-050-00-01

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Oct 15/2015

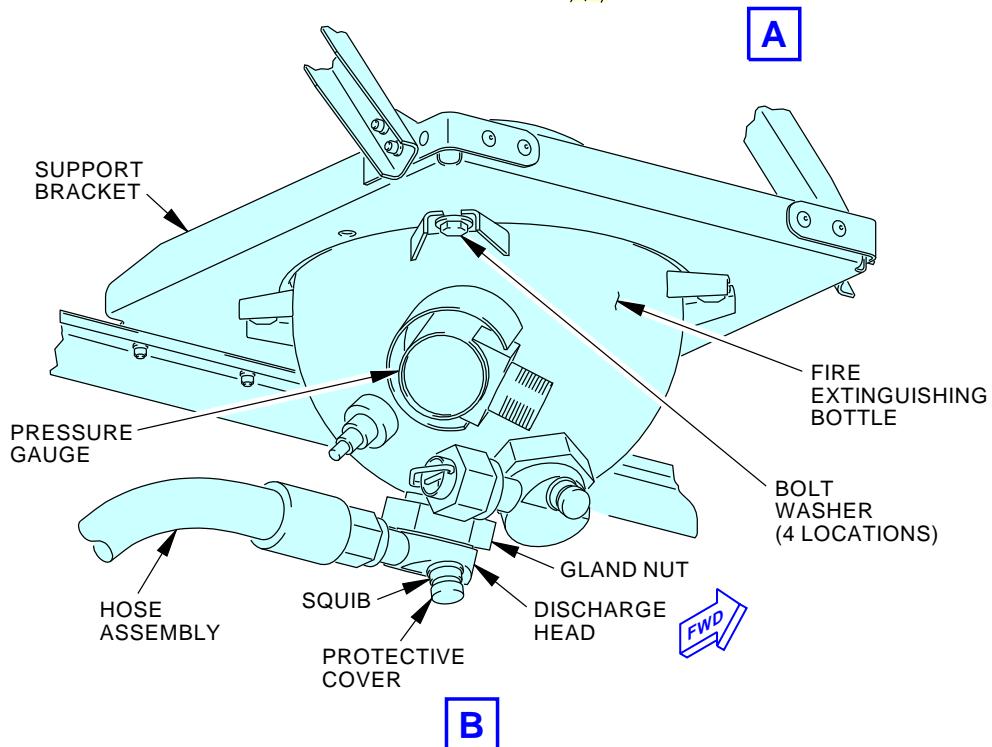
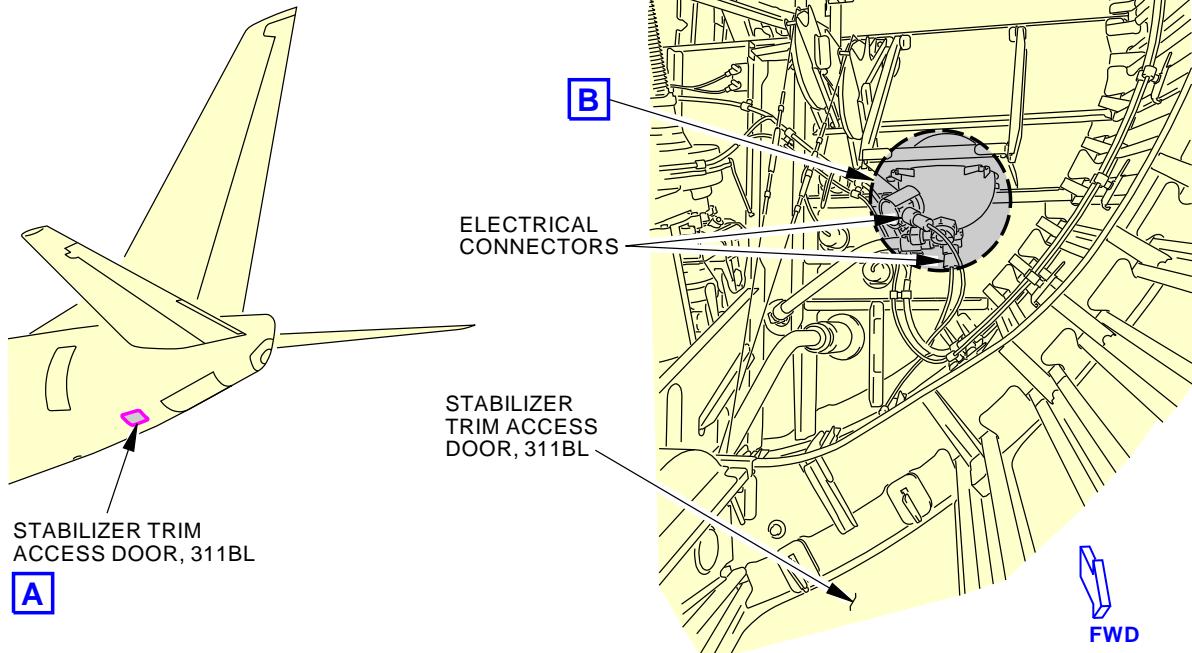
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-050-00-01

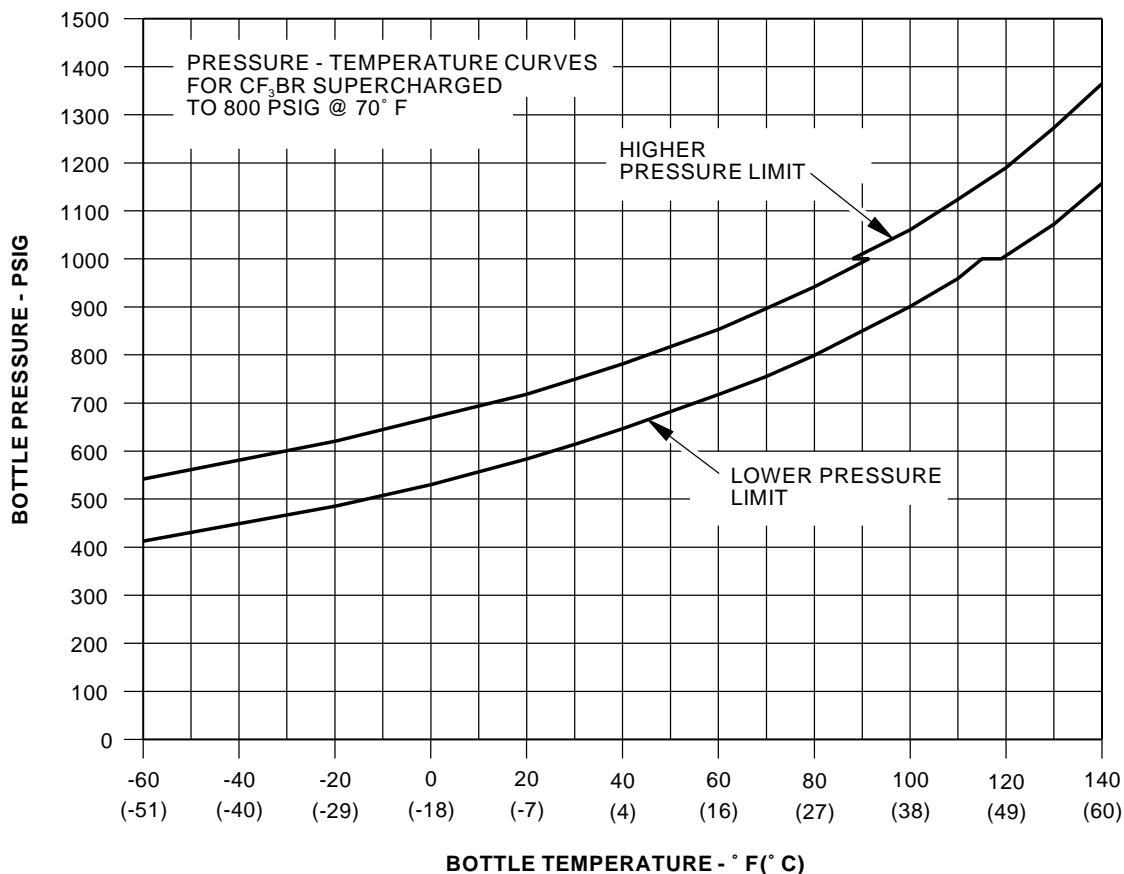
**APU Fire Extinguishing Bottle Inspection
Figure 3**

2358098 S0000539093_V2

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGES
		D633A109-AKS 26-050-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-050-00-01



G35596 S0006568232_V2

**Fire Extinguisher Bottle Pressure - Temperature Curve
Figure 4**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGES
		D633A109-AKS 26-050-00-01

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Oct 15/2015

AKS
**737-600/700/800/900
TASK CARDS**

AIRLINE CARD NO		TITLE ENGINE FIRE BOTTLE SQUIB			BOEING CARD NO.
DATE	TASK REPLACE				26-070-00-01
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD
STATION	SKILL AIRPL	NOTE			APPLICABILITY
		ACCESS			AIRPLANE ALL ENGINE ALL
					ZONE 133

Replace the engine fire bottle squib cartridges.

INTERVAL NOTE: AT VENDORS RECOMMENDATION

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 24-22-00-860-814	Remove External Power (P/B 201)

B. Consumable Materials

Reference	Description	Specification
D00652	Lubricant - O-Ring - Parker Super-O-Lube	
D50287	Lubricant - O-Ring, Drilube 822	MMS-N306A
G02392 [P05-262]	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8121 mm) Diameter	NASM20995

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536
STD-1079	Resistor - 10K Ohm or Greater

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE SQUIB
		D633A109-AKS 26-070-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-070-00-01																				
				MECH INSP																				
TASK 26-21-02-000-801																								
1. Engine Fire Extinguisher Bottle Squib Removal (Figure 1)																								
A. General (1) The squibs are installed on the engine fire extinguishing bottles, located in the main landing gear wheel well. The removal procedure is the same for each squib, but each squib has a unique location and they are not interchangeable. (2) This task gives instructions to remove the Engine Fire Extinguisher Bottle Squib.																								
B. Prepare for the Removal SUBTASK 26-21-02-860-006 (1) Open these circuit breakers and install safety tags: F/O Electrical System Panel, P6-2 <table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>B</td><td>20</td><td>C00297</td><td>FIRE PROTECTION EXTINGUISHERS RIGHT</td></tr><tr><td>B</td><td>22</td><td>C00296</td><td>FIRE PROTECTION EXTINGUISHERS LEFT</td></tr><tr><td>B</td><td>23</td><td>C01022</td><td>FIRE PROTECTION EXTINGUISHERS ALTN R</td></tr><tr><td>B</td><td>24</td><td>C01021</td><td>FIRE PROTECTION EXTINGUISHERS ALTN L</td></tr></tbody></table>					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L
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B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R																					
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
C. Engine Fire Extinguisher Bottle Squib Removal SUBTASK 26-21-02-020-001 (1) Disconnect the applicable electrical connector [1] from squib [2] or squib [3]. <u>NOTE:</u> The squibs are not interchangeable and each squib has a unique location on the discharge port. SUBTASK 26-21-02-480-001 WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS. (2) Put a protective cap on the squib. SUBTASK 26-21-02-020-003 (3) Remove the squib from the discharge head.																								
———— END OF TASK ——																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE SQUIB
		D633A109-AKS 26-070-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-070-00-01																				
				MECH INSP																				
TASK 26-21-02-400-801																								
2. Engine Fire Extinguisher Bottle Squib Installation (Figure 1)																								
<p>A. General</p> <p>(1) The squibs are installed on the engine fire extinguishing bottles, found in the left main wheel well. The installation procedure is the same for each squib, but each squib has a unique location and they are not interchangeable.</p> <p>(2) This task gives instructions to install the Engine Fire Extinguisher Bottle Squib.</p>																								
<p>B. Expendables/Parts</p> <table border="1"> <thead> <tr> <th>AMM Item</th> <th>Description</th> <th>AIPC Reference</th> <th>AIPC Effectivity</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Packing</td> <td>26-21-60-01-050</td> <td>AKS ALL</td> </tr> </tbody> </table>				AMM Item	Description	AIPC Reference	AIPC Effectivity	4	Packing	26-21-60-01-050	AKS ALL													
AMM Item	Description	AIPC Reference	AIPC Effectivity																					
4	Packing	26-21-60-01-050	AKS ALL																					
<p>C. Prepare for the Installation</p> <p>SUBTASK 26-21-02-860-007</p> <p>(1) Make sure that these circuit breakers are open and have safety tags:</p> <p style="text-align: center;">F/O Electrical System Panel, P6-2</p> <table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>20</td> <td>C00297</td> <td>FIRE PROTECTION EXTINGUISHERS RIGHT</td> </tr> <tr> <td>B</td> <td>22</td> <td>C00296</td> <td>FIRE PROTECTION EXTINGUISHERS LEFT</td> </tr> <tr> <td>B</td> <td>23</td> <td>C01022</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN R</td> </tr> <tr> <td>B</td> <td>24</td> <td>C01021</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN L</td> </tr> </tbody> </table>				Row	Col	Number	Name	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L	
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B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
<p>D. Engine Fire Extinguisher Bottle Squib Installation</p> <p>SUBTASK 26-21-02-420-001</p> <p>(1) Do these steps to install squib [2] or squib [3] into the discharge port of the fire extinguishing bottle:</p> <p><u>NOTE:</u> The squibs are not interchangeable and each squib has a unique location on the discharge port.</p> <p>WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.</p> <p>(a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:</p> <ul style="list-style-type: none"> • ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802. • ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802. <p>(b) Lubricate a new packing [4] with O-ring lubricant, D50287 or Parker Super-O-Lube lubricant, D00652 and put it on the squib.</p> <p>(c) Install the squib into the fire bottle.</p> <p>1) Torque the squib to 90 in-lb (10.2 N·m) - 100 in-lb (11.3 N·m).</p>																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE SQUIB	
		D633A109-AKS 26-070-00-01	Page 3 of 7 Feb 15/2016

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-070-00-01																									
				MECH INSP																									
2) Install MS20995C32 lockwire, G02392 [P05-262], between the squib and discharge outlet.																													
(d) Remove the protective cap from the squib.																													
SUBTASK 26-21-02-700-001																													
WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.																													
(2) Do this to make sure that there is no stray voltage at the electrical squib connector:																													
Fire Bottle Squib Electrical Connector																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"></th><th style="text-align: center;">Engine</th><th style="text-align: center;">APU</th><th style="text-align: center;">Cargo</th><th style="text-align: center;"></th></tr> </thead> <tbody> <tr> <td style="text-align: center;">Connector Pins</td><td style="text-align: center;">3 and 4, and 6 and 7</td><td style="text-align: center;">3 and 4</td><td style="text-align: center;">1 and 2</td><td></td></tr> </tbody> </table>						Engine	APU	Cargo		Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2																
	Engine	APU	Cargo																										
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2																										
<ul style="list-style-type: none"> (a) Connect the digital/analog multimeter, COM-1793, across the two pins. (b) Make sure that the current is less than 5 mA. (c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter. 																													
SUBTASK 26-21-02-420-002																													
(3) Connect the electrical connector [1] to the squib.																													
<p>NOTE: The squib pins can cause damage to the electrical connector if the pins do not correctly engage the electrical connector.</p>																													
E. Engine Fire Extinguisher Squib Installation Test																													
SUBTASK 26-21-02-860-005																													
(1) Remove the safety tags and close these circuit breakers:																													
F/O Electrical System Panel, P6-2																													
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SUBTASK 26-21-02-740-001																													
(2) Set the EXT TEST switch on the P8-1 panel to 1.																													
<ul style="list-style-type: none"> (a) Make sure the L and R lights come on. 																													
<p>NOTE: The APU light will also come on.</p>																													
SUBTASK 26-21-02-740-002																													
(3) Set the EXT TEST switch on the P8-1 panel to 2.																													

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE SQUIB	
		D633A109-AKS 26-070-00-01	Page 4 of 7 Jun 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-070-00-01
(a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.				MECH INSP

F. Put the Airplane Back to Its Usual Condition

SUBTASK 26-21-02-860-004

- (1) Do this task: Remove External Power, AMM TASK 24-22-00-860-814.

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE SQUIB
		D633A109-AKS 26-070-00-01

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Jun 15/2015

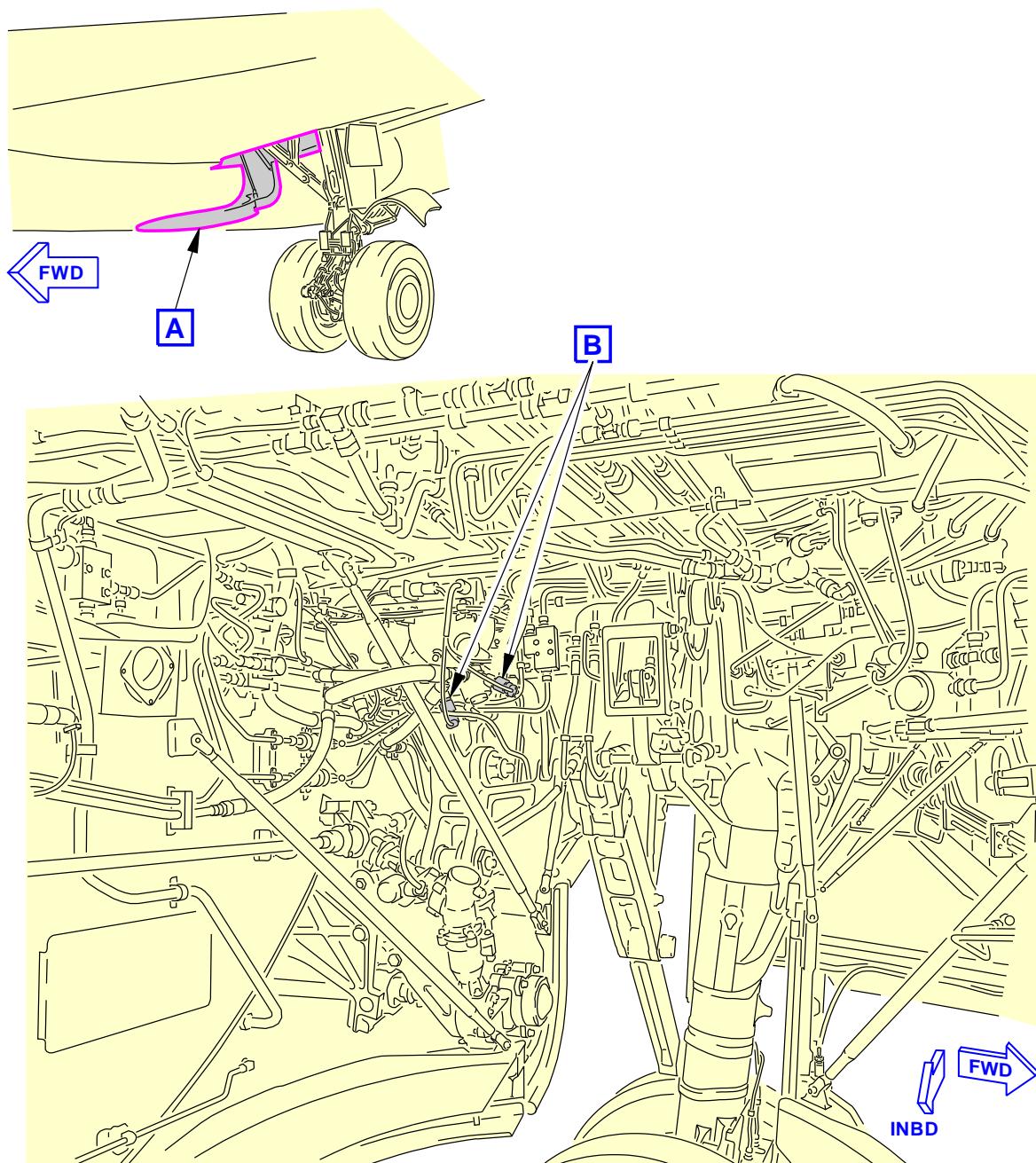
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

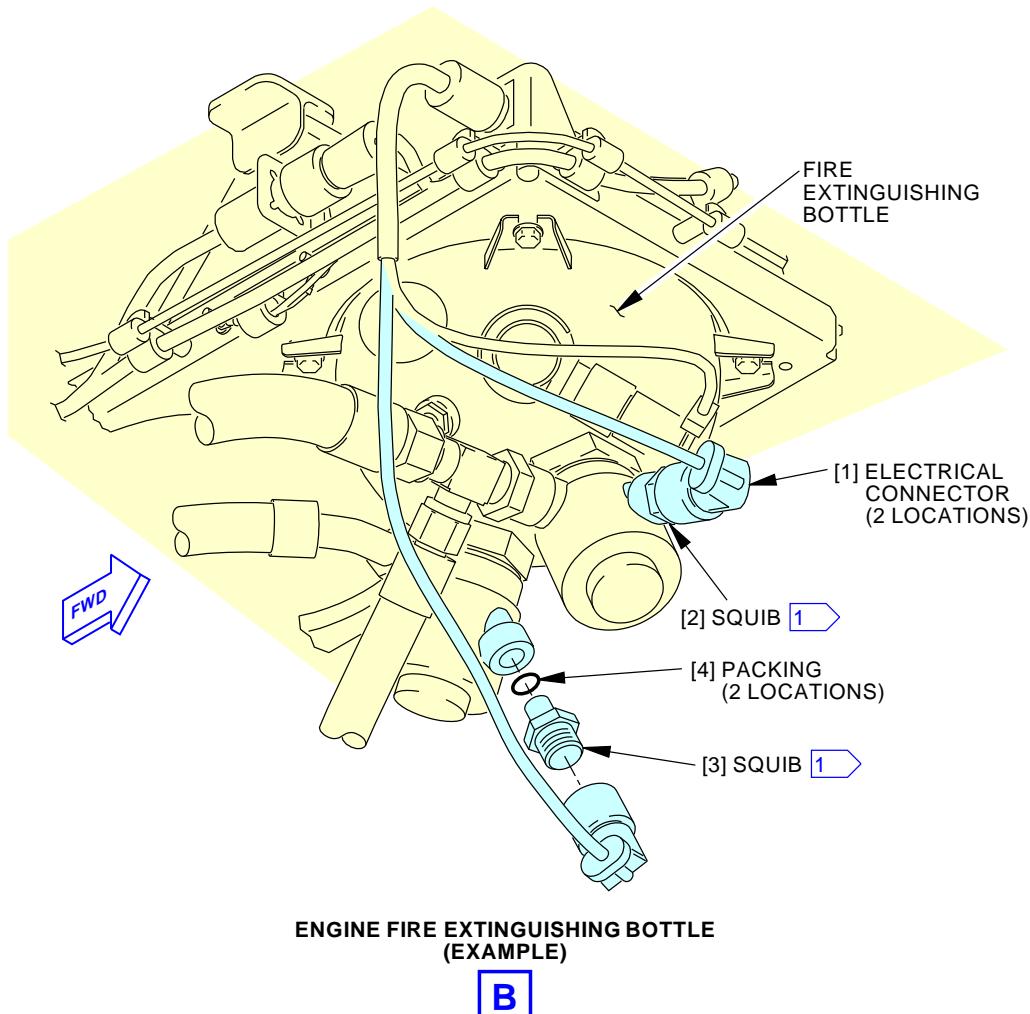
BOEING CARD NO.
26-070-00-01**MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)****A**

F70367 S0006568265_V2

**Engine Fire Extinguishing Bottle Squib Installation
Figure 1 (Sheet 1 of 2)****EFFECTIVITY
AKS ALL****SOURCE
MRB****ENGINE FIRE BOTTLE SQUIB****D633A109-AKS
26-070-00-01****Page 6 of 7
Jun 15/2015**

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-070-00-01
------	-------------	---------	------------------	--



1 EACH SQUIB HAS A UNIQUE LOCATION AND
THEY ARE NOT INTERCHANGEABLE.

F70370 S0006568266_V4

**Engine Fire Extinguishing Bottle Squib Installation
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE SQUIB
		D633A109-AKS 26-070-00-01

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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-080-00-01
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	RELATED CARD APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL ELEC	ACCESS			ZONE 133 210

Functional check of the engine squib firing circuit using the engine fire handle switch.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536
SPL-10039	Cable Assy - Fire Extinguishing System Test Equipment - 737-300/400/500/600/700/800/900 Part #: F80229-20 Supplier: 81205 Part #: F80229-48 Supplier: 81205 Part #: F80229-59 Supplier: 81205 Part #: F80229-61 Supplier: 81205
SPL-10040	Shorting Plug - Fire Extinguishing System Test Equipment - 737-300/400/500/600/700/800/900 Part #: F80229-52 Supplier: 81205

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-080-00-01

AKS**737-600/700/800/900****TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
(Continued)				
Reference	Description			
SPL-1663	Test Equipment - Fire Extinguishing System Part #: F80229-69 Supplier: 81205 Opt Part #: F80229-15 Supplier: 81205			
STD-1079	Resistor - 10K Ohm or Greater			
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT		
		D633A109-AKS		
		26-080-00-01		
Page 2 of 9 Feb 15/2015				

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-080-00-01
TASK 26-21-00-730-801				MECH INSP

1. Engine Fire Extinguishing Bottle Squib Circuit Test
(Figure 1)

A. Prepare for the Test

SUBTASK 26-21-00-860-001

(1) Open these circuit breakers and install safety tags:

F/O Electrical System Panel, P6-2

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT
B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT
B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L

SUBTASK 26-21-00-020-001

(2) Disconnect the electrical connectors from the squibs.

WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.

(a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:

- ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802
- ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802

(b) Disconnect D582 and D584 to test the engine 1 circuits.

(c) Disconnect D1322 and D1324 to test the engine 2 circuits.

SUBTASK 26-21-00-020-002

WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.

(3) Install a fire extinguishing test set shorting plug, SPL-10040, on each squib.

SUBTASK 26-21-00-860-002

(4) Remove the safety tags and close these circuit breakers:

F/O Electrical System Panel, P6-2

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT
B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT
B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-080-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-080-00-01
				MECH INSP
SUBTASK 26-21-00-480-009				
(5) Set the toggle switch on Fire System Test Equipment, SPL-1663 (test box), to ON.				
SUBTASK 26-21-00-760-001				
(6) Measure the resistance (RL) of the test box with a digital/analog multimeter, COM-1793, connected to the voltmeter jacks.				
(a) Write down the value of RL in the Table 2 or, in the Table 3 as applicable for the adapter cable.				
SUBTASK 26-21-00-480-010				
(7) Set the toggle switch on the Fire System Test Equipment, SPL-1663, to OFF.				
SUBTASK 26-21-00-480-011				
(8) Set the multimeter to read DC volts.				
SUBTASK 26-21-00-480-012				
(9) Connect the applicable fire extinguishing test set cable assembly, SPL-10039, for the primary circuit (A) to the connector on the Fire System Test Equipment, SPL-1663. The primary circuit (A) is between pins 4 and 3 of each squib connector.				
NOTE: Look at the placard on the test box lid to determine the applicable adapter.				
NOTE: Each squib has two circuits. The primary circuit (A) is between pins 4 and 3; the alternate circuit (B) is between pins 6 and 7. Either circuit can fire the squib.				
There are different adapter cables in the test set to test each circuit.				
B. Do the Engine Fire Extinguishing Bottle Squib Circuit Test				
SUBTASK 26-21-00-860-035				
(1) Push the manual override button and pull the ENGINE 1 and ENGINE 2 fire handles on the P8-1 panel.				
SUBTASK 26-21-00-480-013				
(2) Connect the fire extinguishing test set cable assembly, SPL-10039, for the primary circuit (A) to one of the squib connectors. These connectors are listed in the Fire Bottle Squib Circuit Test Data table.				
Engine Fire Bottle Squib Circuit Test Data				
Table 1				
CONNECTOR	SQUIB LOCATION	ENGINE	DIRECTION	
D582	L (forward) bottle, squib 1A squib 1B	1	CCW	
D1322	L (forward) bottle, squib 2A squib 2B	2	CCW	
D584	R (aft) bottle, squib 1A squib 1B	1	CW	
D1324	R (aft) bottle, squib 2A squib 2B	2	CW	
SUBTASK 26-21-00-860-036				
(3) Turn the applicable fire handle in the direction listed in the Fire Bottle Squib Circuit Test Data table.				
(a) Make sure the BOTTLE DISCHARGE light on the Fire System Test Equipment, SPL-1663, comes on.				
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT		
		D633A109-AKS		
		26-080-00-01		

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-080-00-01
------	-------------	---------	------------------	--

- (b) Write down the voltage shown on the multimeter as (V1) in the Table 2 or, in the Table 3 as applicable for the adapter cable.
- (c) Set the switch on the test box to ON.
- (d) Write down the voltage shown on the multimeter as (V2) in the Table 2 or, in the Table 3 as applicable for the adapter cable.

SUBTASK 26-21-00-730-001

- (4) Release the fire handle.
 - (a) Make sure the handle moves toward the center 10 degrees.
 - (b) Make sure the multimeter shows 0 (± 2) volts.

SUBTASK 26-21-00-760-002

- (5) Calculate the resistance R_c of the squib discharge circuit using this formula:

$$R_c = RL(V1/V2) - RL$$

- (a) Make sure R_c is less than or equal to 3 ohms.

NOTE: If R_c is more than 3 ohms, the circuit can not supply enough current to fire the squib cartridge.

Table 2 Primary (A) Circuit Engine Fire Bottle Squib Test Result

CONNECTOR	RL	V1	V2	R_c
D582				
D1322				
D584				
D1324				

Table 3 Alternate (B) Circuit Engine Fire Bottle Squib Test Result

CONNECTOR	RL	V1	V2	R_c
D582				
D1322				
D584				
D1324				

SUBTASK 26-21-00-480-014

- (6) Disconnect the adapter cable from the squib connector, and repeat the procedure until all the connectors listed in the Fire Bottle Squib Circuit Test Data table are tested.
- (7) Disconnect the adapter cable for the primary circuit (A) from the squib connector.
- (8) Do the procedure again with the adapter cable for the Alternate circuit (B). Until all the connectors listed in the Fire Bottle Squib Circuit Test Data table are tested.

NOTE: Each squib has two circuits. The primary circuit (A) is between pins 4 and 3; the alternate circuit (B) is between pins 6 and 7. Either circuit can fire the squib. There are different adapter cables in the test set to test each circuit.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT	
		D633A109-AKS 26-080-00-01	Page 5 of 9 Feb 15/2016

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-080-00-01								
				MECH INSP								
(9) When you completed the procedure with both adapter cables. Disconnect the adapter cable from the squib connector.												
SUBTASK 26-21-00-860-038												
(10) Push the fire handles to their usual position.												
SUBTASK 26-21-00-860-003												
(11) Open these circuit breakers and install safety tags:												
F/O Electrical System Panel, P6-2												
Row Col Number Name												
B 20 C00297 FIRE PROTECTION EXTINGUISHERS RIGHT												
B 22 C00296 FIRE PROTECTION EXTINGUISHERS LEFT												
B 23 C01022 FIRE PROTECTION EXTINGUISHERS ALTN R												
B 24 C01021 FIRE PROTECTION EXTINGUISHERS ALTN L												
SUBTASK 26-21-00-080-001												
(12) Remove the protective cap from the squibs.												
SUBTASK 26-21-00-700-001												
WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.												
(13) Do this to make sure that there is no stray voltage at the electrical squib connector:												
Fire Bottle Squib Electrical Connector												
<table border="1"> <thead> <tr> <th></th> <th>Engine</th> <th>APU</th> <th>Cargo</th> </tr> </thead> <tbody> <tr> <td>Connector Pins</td> <td>3 and 4, and 6 and 7</td> <td>3 and 4</td> <td>1 and 2</td> </tr> </tbody> </table>					Engine	APU	Cargo	Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2	
	Engine	APU	Cargo									
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2									
(a) Connect the digital/analog multimeter, COM-1793, across the two pins.												
(b) Make sure that the current is less than 5 mA.												
(c) Connect a resistor, STD-1079, across the multimeter probes.												
(d) Make sure that the voltage is less than .250 V.												
(e) If necessary, repeat the steps above for the other squib electrical connectors.												
(f) Disconnect the multimeter.												
SUBTASK 26-21-00-420-001												
(14) Connect the electrical connectors to the squibs.												
(a) Connect D582 and D584 to Squib 1 on the left and right bottle.												
(b) Connect D1322 and D1324 to Squib 2 on the left and right bottle.												
SUBTASK 26-21-00-860-004												
(15) Remove the safety tags and close these circuit breakers:												
F/O Electrical System Panel, P6-2												
Row Col Number Name												
B 20 C00297 FIRE PROTECTION EXTINGUISHERS RIGHT												
EFFECTIVITY AKS ALL		SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT									
			D633A109-AKS									
			26-080-00-01									
				Page 6 of 9 Feb 15/2015								

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-080-00-01
(Continued)				MECH INSP
F/O Electrical System Panel, P6-2				
Row Col Number Name				
B 22 C00296			FIRE PROTECTION EXTINGUISHERS LEFT	
B 23 C01022			FIRE PROTECTION EXTINGUISHERS ALTN R	
B 24 C01021			FIRE PROTECTION EXTINGUISHERS ALTN L	
SUBTASK 26-21-00-710-001				
(16) Set the EXT TEST switch to 1.				
(a) Make sure the L and R lights come on.				
<u>NOTE:</u> The APU light should also come on.				
SUBTASK 26-21-00-710-002				
(17) Set the EXT TEST switch to 2.				
(a) Make sure the L and R lights come on.				
<u>NOTE:</u> The APU light should also come on.				
SUBTASK 26-21-00-710-003				
(18) Release the EXT TEST switch.				
— END OF TASK —				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-080-00-01

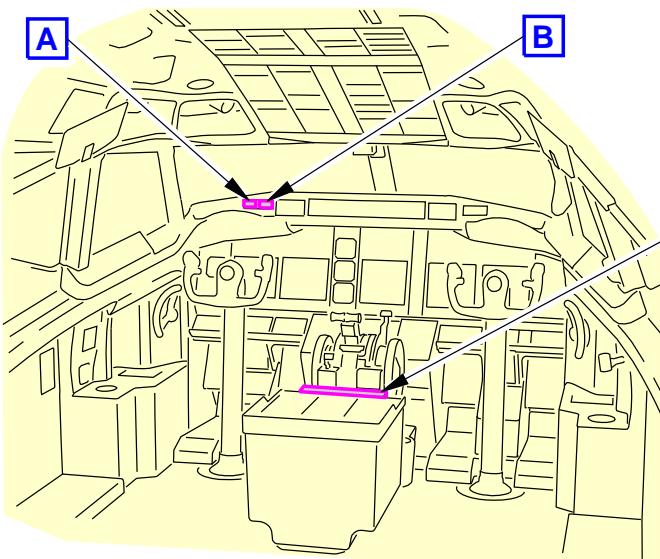
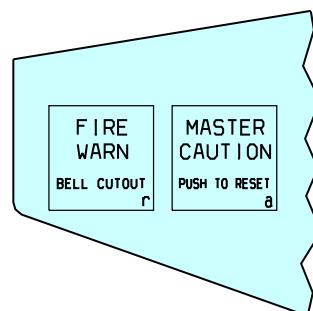
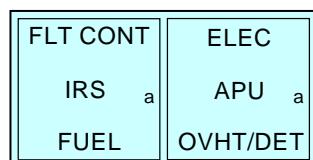
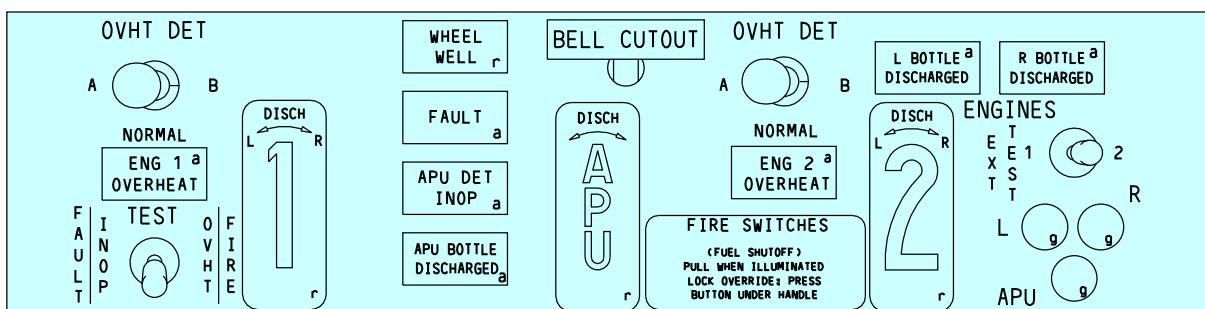
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-080-00-01**FLIGHT COMPARTMENT**FIRE CONTROL
PANEL (P8-1)**C****CAPTAIN'S FIRE WARNING SWITCH (P7)
(FIRST OFFICER'S IS OPPOSITE)****A****CAPTAIN'S WARNING
LIGHTS (P7)****B****FIRE CONTROL PANEL (P8-1)****C**

G20362 S0006568238_V2

**Engine Fire Detection Test
Figure 1 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-080-00-01

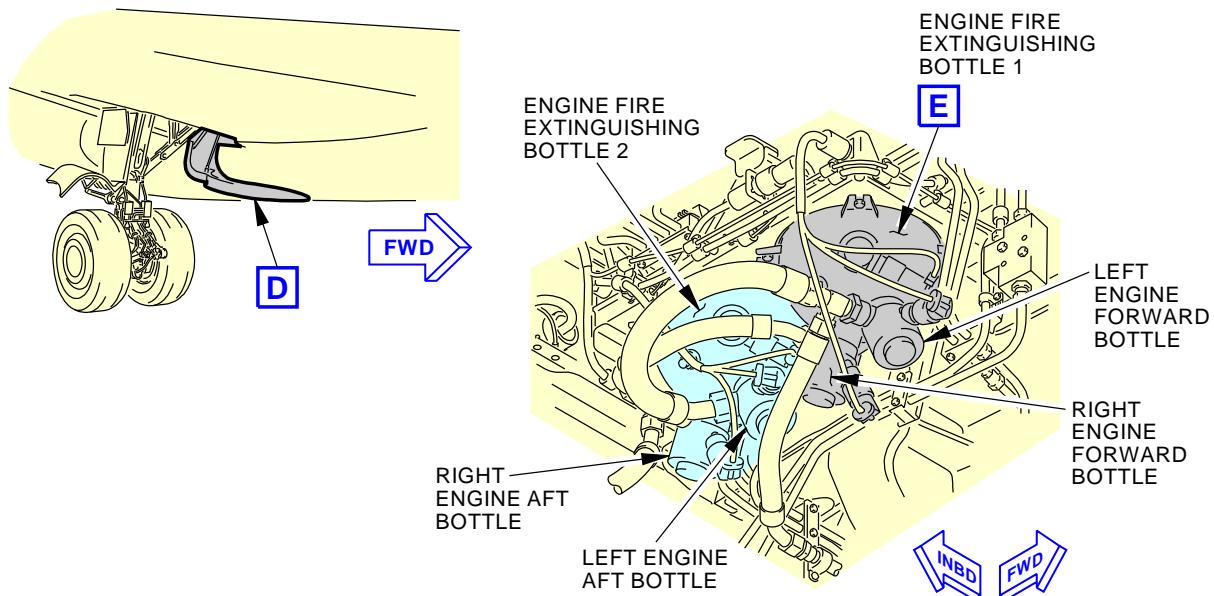
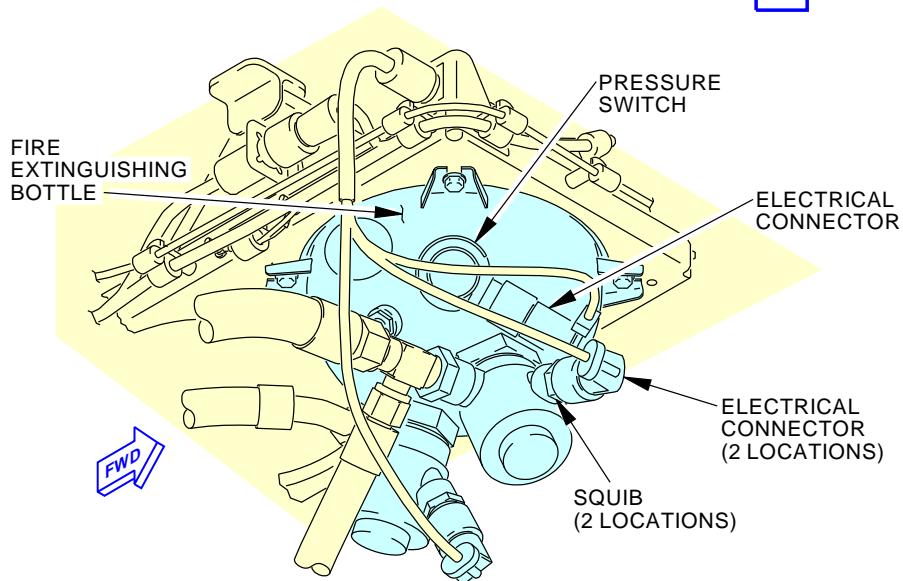
AKS737-600/700/800/900
TASK CARDS

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-080-00-01**MAIN LANDING GEAR WHEELWELL****D****ENGINE FIRE EXTINGUISHING BOTTLE 1**
(ENGINE FIRE EXTINGUISHING BOTTLE 2 IS EQUIVALENT)**E**

G20370 S0006568239_V3

Engine Fire Detection Test
Figure 1 (Sheet 2 of 2)

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-080-00-01

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Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE			BOEING CARD NO.
DATE	TASK OPERATIONAL				26-090-00-01
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD W-26-100-00-01 W-26-120-00-01 W-26-130-00-01
STATION	SKILL AIRPL	NOTE			APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 133

Operational check of the engine fire extinguisher system check valves for freedom of movement.

This operational check is accomplished at bottle discharge or at hydrostatic test, whichever comes first by moving check valve in a lateral motion while listening for movement of valve.

INTERVAL NOTE: At bottle change.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 24-22-00-860-814	Remove External Power (P/B 201)
AMM 26-20-00-210-802	Engine Fire Extinguishing Bottle Check (P/B 601)
AMM 26-21-00-720-801	Engine Fire Extinguishing Discharge Line Flow Test (P/B 501)
AMM 26-21-00-730-802	Engine Fire Extinguishing Bottle Pressure Switch Circuit Test (P/B 501)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)

B. Consumable Materials

Reference	Description	Specification
B00083	Solvent - VM&P Naphthas	ASTM D-3735 Type III
D50004	Compound - Antiseize	BMS3-28
G01048	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8128 mm) Diameter	NASM20995
G50136	Compound - Corrosion Inhibiting, Non-drying	BMS3-38
G50237	Compound - Corrosion Inhibiting, Non-drying - Cor-Ban 27L	BMS3-38, NSN 6850-01-469-7645

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE	
		D633A109-AKS 26-090-00-01	Page 1 of 11 Jun 15/2016

AKS**737-600/700/800/900****TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-090-00-01
Reference	Description			
COM-1550	Bonding Meters - Approved, Intrinsically Safe (Approved for use in Class I, Divisions I & II hazardous (classified) locations. Outside these hazardous locations, COM-614 can be used in lieu of COM-1550). Part #: C15292 (MODEL T477W) Supplier: 01014 Part #: M1 Supplier: 3AD17 Opt Part #: M1B Supplier: 3AD17			
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536			
COM-4907	Force Gauge With Resolution of 0.10 lb, +/-0.3% or better Part #: FDIX 100 Supplier: 0BFD9 Part #: FDIX 50 Supplier: 0BFD9 Part #: LG-5KG Supplier: 92456 Part #: PS-10 Supplier: 1GHM7 Opt Part #: FDI 100 Supplier: 0BFD9 Opt Part #: FDI 50 Supplier: 0BFD9 Opt Part #: FDV 100 Supplier: 0BFD9 Opt Part #: FDV 50 Supplier: 0BFD9			
STD-1079	Resistor - 10K Ohm or Greater			
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE D633A109-AKS 26-090-00-01		

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01
TASK 26-21-01-000-801				MECH INSP

1. Engine Fire Extinguishing Bottle Removal
(Figure 1)

A. General

- (1) This task gives instructions to remove the Engine Fire Extinguishing Bottle.
- (2) The engine fire extinguishing bottles are installed in the main landing gear wheel well. The removal procedure is the same for each bottle.

B. Engine Fire Extinguishing Bottle Removal

SUBTASK 26-21-01-940-001

WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT.

- (1) If the downlock pins are not installed in the nose and main landing gear, do this task:
Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.

SUBTASK 26-21-01-860-001

- (2) Open these circuit breakers and install safety tags:
F/O Electrical System Panel, P6-2

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT
B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT
B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L

SUBTASK 26-21-01-020-001

- (3) Disconnect the electrical connectors [6] from the squibs [7].

SUBTASK 26-21-01-020-002

WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.

- (4) Install a protective cap [8] on each squib [7].

SUBTASK 26-21-01-020-003

- (5) Disconnect the electrical connector [5] from the pressure switch.

SUBTASK 26-21-01-020-004

- (6) Remove the discharge line from both fire bottle discharge outlets.
NOTE: Loosen other fittings as necessary to move the discharge lines out of the way.

SUBTASK 26-21-01-420-004

- (7) Install the protective caps on each of the discharge ports.
- (8) Install the protective caps on each of the discharge tubes.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE
		D633A109-AKS 26-090-00-01

AKS



**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01	MECH	INSP
SUBTASK 26-21-01-020-005	(9) Remove the four bolts [2] and washers [3].	SUBTASK 26-21-01-020-006	WARNING: BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.	(10) Remove the applicable fire extinguishing bottle [1].	———— END OF TASK ————	

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE
	D633A109-AKS 26-090-00-01	Page 4 of 11 Feb 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01
TASK 26-21-01-400-801				MECH INSP
2. Engine Fire Extinguishing Bottle Installation (Figure 1)				
A. General (1) This task gives instructions to install the Engine Fire Extinguishing Bottle. (2) The engine fire extinguishing bottle is installed in the left main wheel well. The installation procedure is the same for each bottle.				
B. Expendables/Parts				
AMM Item	Description	AIPC Reference	AIPC Effectivity	
1	Fire extinguishing bottle	26-21-01-01-045	AKS ALL	
7	Squib	26-21-60-01-055	AKS ALL	
		26-21-60-01-060	AKS ALL	
8	Protective cap	26-21-60-01-056	AKS ALL	
		26-21-60-01-057	AKS ALL	
		26-21-60-01-062	AKS ALL	
		26-21-60-01-064	AKS ALL	
C. Engine Fire Extinguishing Bottle Installation				
SUBTASK 26-21-01-940-002				
WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT.				
(1) If the downlock pins are not installed in the nose and main landing gear, then do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
SUBTASK 26-21-01-280-001				
(2) Use the force gauge, COM-4907 to weigh the bottle.				
(3) Make sure that the weight of the bottle is ± 0.10 pound (0.05 kg) from the weight listed on the bottle data plate.				
NOTE: The bottle assembly includes the charged bottle, discharge heads, cartridge and electrical bonding tab with stud wire locked in place. Remove all protective caps before weighing. The explosive cartridge must be capped when handling the bottle assembly, except at weighing.				
SUBTASK 26-21-01-200-001				
(4) If the previous bottle was discharged, do this step: (a) Check the discharge tube for any debris.				
NOTE: Pay particular attention to the discharge outlets at the engine.				
SUBTASK 26-21-01-200-002				
(5) Examine the check valve to make sure the ball moves freely.				
NOTE: It may be necessary to further disconnect the discharge tubes to get access to the check valve.				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE
		D633A109-AKS 26-090-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01																				
SUBTASK 26-21-01-860-002				MECH INSP																				
(6) Make sure that these circuit breakers are open and have safety tags:																								
F/O Electrical System Panel, P6-2																								
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B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R																					
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
SUBTASK 26-21-01-420-001																								
<u>WARNING:</u> REMOVE THE METAL CAP FROM THE FILL FITTING ASSEMBLY ON THE ENGINE FIRE EXTINGUisher BOTTLES. THE SAFETY RELEASE ON THE BOTTLE WILL NOT OPERATE IF METAL CAPS ARE INSTALLED.																								
(7) Do these steps to install the bottle:																								
(a) Make sure the fire extinguisher bottle and support fixture mounting surfaces are clean.																								
<u>WARNING:</u> BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.																								
(b) Put the fire extinguishing bottle [1] in its correct position on the support bracket.																								
(c) Install the bolts [2] and washers [3].																								
(d) Do a check of the resistance between the fire extinguishing bottle [1] and the support bracket with an intrinsically safe approved bonding meter, COM-1550.																								
1) Make sure the resistance is not more than 0.0025 ohm.																								
2) If the resistance is more than 0.0025 ohm, clean the bonding surfaces between the fire extinguishing bottle [1] and the support bracket with solvent, B00083, and retest.																								
(e) Do this task: Engine Fire Extinguishing Discharge Line Flow Test, AMM TASK 26-21-00-720-801.																								
(f) If the discharge head does not align with the hose assembly, do these steps:																								
1) Loosen the discharge outlet gland nut and rotate the discharge port so it aligns with the tube assembly.																								
2) Tighten the gland nut to 540 in-lb (61 N·m) – 660 in-lb (75 N·m).																								
3) Install MS20995C32 lockwire, G01048, on the gland nut.																								
(g) Remove the protective caps from each of the discharge ports.																								
(h) Remove the protective caps from each of the discharge tubes.																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE
		D633A109-AKS 26-090-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01
				MECH INSP
<p>WARNING: USE NITRILE GLOVES FOR SKIN PROTECTION WHEN YOU USE COR-BAN 27L, G50237. IF IT GETS ON YOUR SKIN, IMMEDIATELY REMOVE IT WITH WATER. IF THIS MATERIAL GETS IN YOUR EYES, IMMEDIATELY FLUSH YOUR EYES WITH WATER. GET MEDICAL AID. THIS MATERIAL CONTAINS FLAMMABLE AGENTS WHICH CAN CAUSE INJURIES TO PERSONNEL.</p> <p>(i) Apply a layer of compound, D50004, (preferred) to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.</p> <p>1) The Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136, are also acceptable alternatives as anti-corrosion compounds to use in this location.</p> <p>(j) Connect the tube assembly to the discharge head.</p> <p>NOTE: Yellow is used to show the plumbing which supplies extinguishing agent to engine number 1. Blue is used to show the plumbing which supplies extinguishing agent to engine number 2.</p> <p>(k) Remove any unwanted compound.</p> <p>(l) Tighten the nut to 342 in-lb (38.6 N·m) to 378 in-lb (42.7 N·m) on the tube assembly.</p>				
SUBTASK 26-21-01-710-001				
(8) Do these steps to connect the electrical connector [6] to the squib [7].				
<p>WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.</p> <p>(a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:</p> <ul style="list-style-type: none"> • ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802. • ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802. <p>(b) Remove the protective cap [8] from the squib [7].</p>				
SUBTASK 26-21-01-700-001				
<p>WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.</p> <p>(9) Do this to make sure that there is no stray voltage at the electrical squib connector:</p>				
Fire Bottle Squib Electrical Connector				
	Engine	APU	Cargo	
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2	
<p>(a) Connect the digital/analog multimeter, COM-1793, across the two pins.</p>				
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE		
		D633A109-AKS 26-090-00-01		
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AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01																				
				MECH INSP																				
(b) Make sure that the current is less than 5 mA. (c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter.																								
SUBTASK 26-21-01-420-003 (10) Connect the electrical connector [6] to the squib [7]. <u>NOTE:</u> The squib pins can cause damage to the electrical connector if the pins do not correctly engage the connector.																								
SUBTASK 26-21-01-420-002 (11) Do this task to test the electrical wiring up to the pressure switch: Engine Fire Extinguishing Bottle Pressure Switch Circuit Test, AMM TASK 26-21-00-730-802. (12) Connect the electrical connector [5] to the pressure switch. (13) Do this visual check of the pressure gauge: Engine Fire Extinguishing Bottle Check, AMM TASK 26-20-00-210-802.																								
D. Engine Fire Extinguishing Bottle Installation Test																								
SUBTASK 26-21-01-860-003 (1) Remove the safety tags and close these circuit breakers: F/O Electrical System Panel, P6-2 <table> <thead> <tr> <th><u>Row</u></th> <th><u>Col</u></th> <th><u>Number</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>B</td> <td>20</td> <td>C00297</td> <td>FIRE PROTECTION EXTINGUISHERS RIGHT</td> </tr> <tr> <td>B</td> <td>22</td> <td>C00296</td> <td>FIRE PROTECTION EXTINGUISHERS LEFT</td> </tr> <tr> <td>B</td> <td>23</td> <td>C01022</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN R</td> </tr> <tr> <td>B</td> <td>24</td> <td>C01021</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN L</td> </tr> </tbody> </table> SUBTASK 26-21-01-741-001 (2) Set the EXT TEST switch on the P8-1 panel to 1. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L
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B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
SUBTASK 26-21-01-741-002 (3) Set the EXT TEST switch on the P8-1 panel to 2. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.																								
SUBTASK 26-21-01-741-003 (4) Release the EXT TEST switch.																								
E. Put the Airplane Back to Its Usual Condition																								
SUBTASK 26-21-01-040-001 (1) Do this task: Remove External Power, AMM TASK 24-22-00-860-814.																								
— END OF TASK —																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE
		D633A109-AKS 26-090-00-01

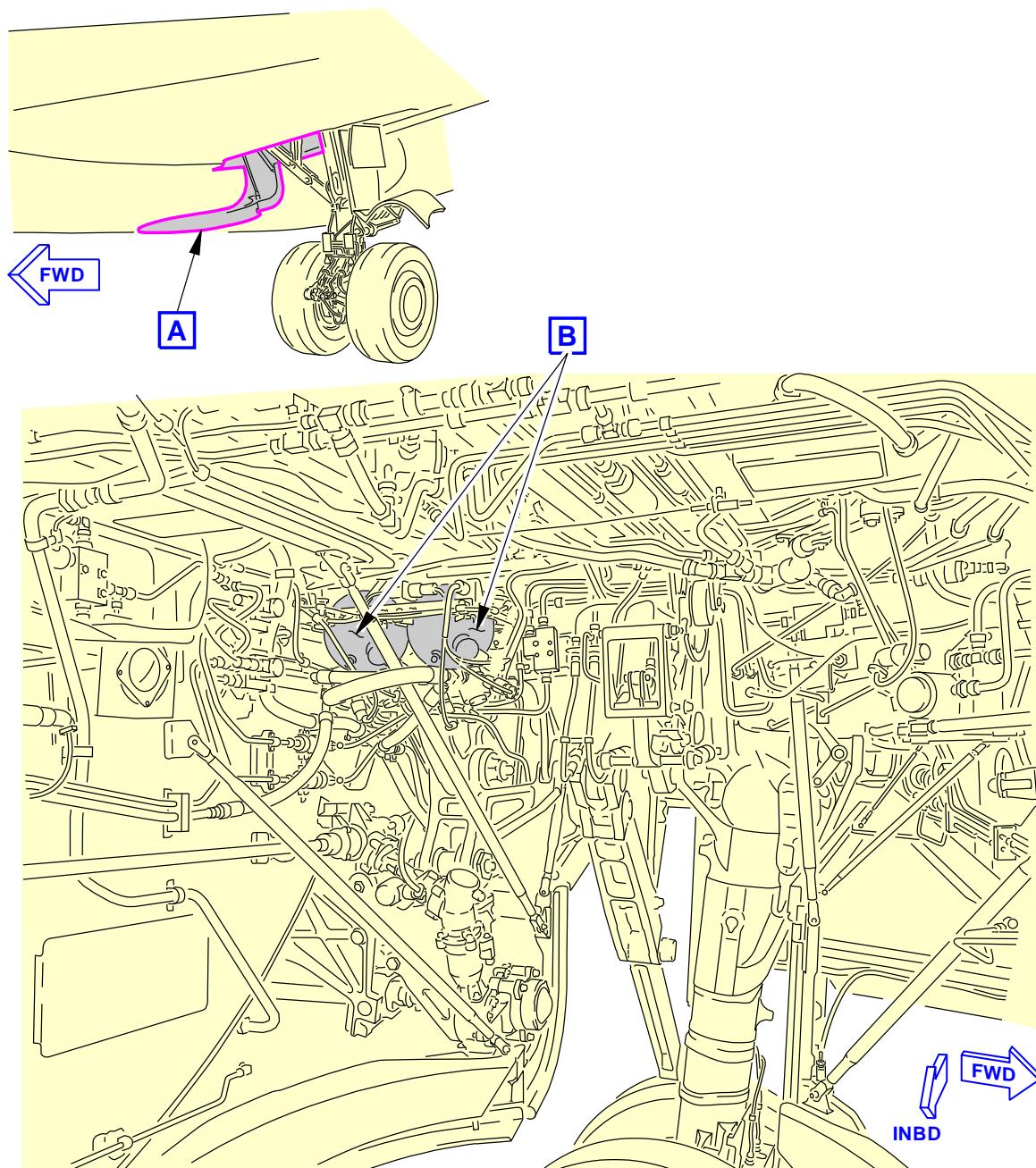
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

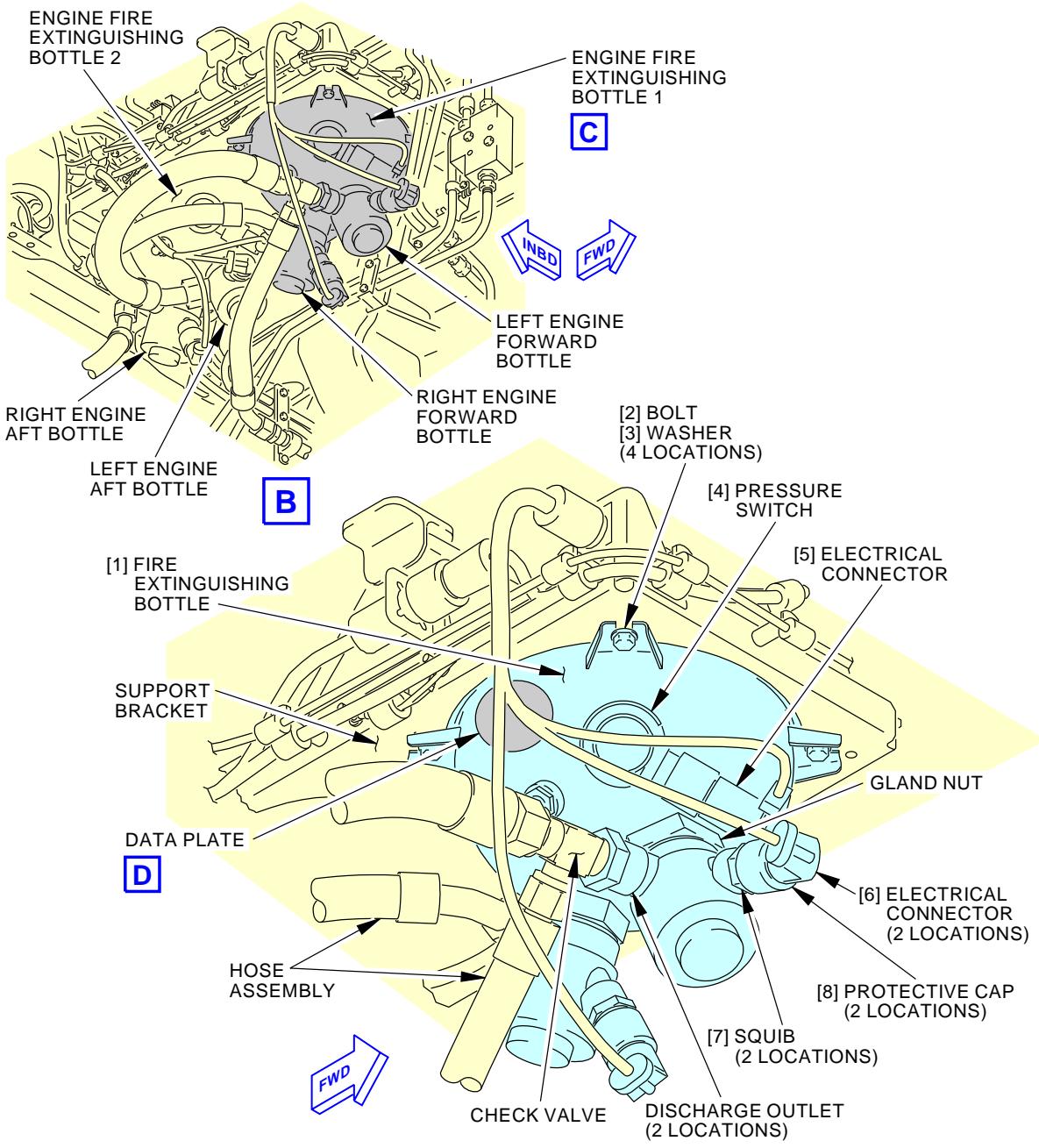
BOEING CARD NO.
26-090-00-01**MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)**

F60123 S0006568254_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 1 of 3)**EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE****D633A109-AKS
26-090-00-01****Page 9 of 11
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AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01
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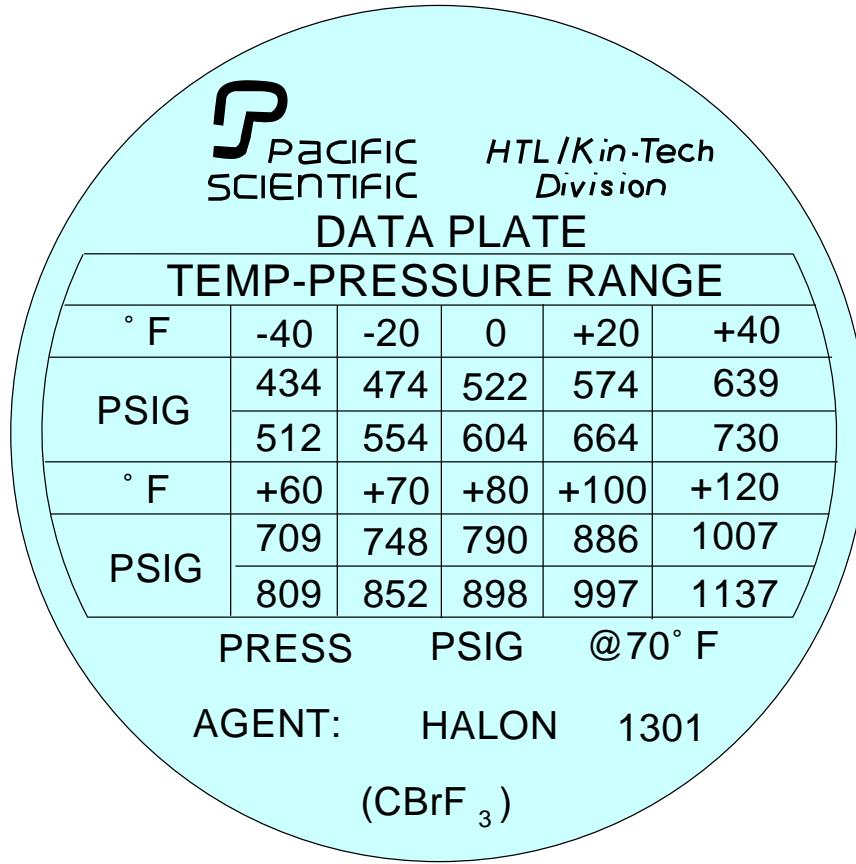
**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 2 of 3)**

F60166 S0006568255_V4

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE
		D633A109-AKS 26-090-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-090-00-01
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DATA PLATE

D

1373174 S0000248697_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 3 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHING SYSTEM CHECK VALVE
		D633A109-AKS 26-090-00-01

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Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE BOTTLE PRESSURE SWITCH			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-100-00-01
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD W-26-090-00-01 W-26-120-00-01 W-26-130-00-01
STATION	SKILL AIRPL	NOTE			APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 133

Functional check engine fire bottle pressure switch (off aircraft).

INTERVAL NOTE: At vendor's recommendation.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 24-22-00-860-814	Remove External Power (P/B 201)
AMM 26-20-00-210-802	Engine Fire Extinguishing Bottle Check (P/B 601)
AMM 26-21-00-720-801	Engine Fire Extinguishing Discharge Line Flow Test (P/B 501)
AMM 26-21-00-730-802	Engine Fire Extinguishing Bottle Pressure Switch Circuit Test (P/B 501)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)

B. Consumable Materials

Reference	Description	Specification
B00083	Solvent - VM&P Naphthas	ASTM D-3735 Type III
D50004	Compound - Antiseize	BMS3-28
G01048	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8128 mm) Diameter	NASM20995
G50136	Compound - Corrosion Inhibiting, Non-drying	BMS3-38
G50237	Compound - Corrosion Inhibiting, Non-drying - Cor-Ban 27L	BMS3-38, NSN 6850-01-469-7645

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-100-00-01

AKS**737-600/700/800/900****TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-100-00-01
Reference	Description			
COM-1550	Bonding Meters - Approved, Intrinsically Safe (Approved for use in Class I, Divisions I & II hazardous (classified) locations. Outside these hazardous locations, COM-614 can be used in lieu of COM-1550). Part #: C15292 (MODEL T477W) Supplier: 01014 Part #: M1 Supplier: 3AD17 Opt Part #: M1B Supplier: 3AD17			
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536			
COM-4907	Force Gauge With Resolution of 0.10 lb, +/-0.3% or better Part #: FDIX 100 Supplier: 0BFD9 Part #: FDIX 50 Supplier: 0BFD9 Part #: LG-5KG Supplier: 92456 Part #: PS-10 Supplier: 1GHM7 Opt Part #: FDI 100 Supplier: 0BFD9 Opt Part #: FDI 50 Supplier: 0BFD9 Opt Part #: FDV 100 Supplier: 0BFD9 Opt Part #: FDV 50 Supplier: 0BFD9			
STD-1079	Resistor - 10K Ohm or Greater			
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH D633A109-AKS 26-100-00-01		
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01																				
				MECH INSP																				
TASK 26-21-01-000-801																								
1. Engine Fire Extinguishing Bottle Removal (Figure 1)																								
A. General (1) This task gives instructions to remove the Engine Fire Extinguishing Bottle. (2) The engine fire extinguishing bottles are installed in the main landing gear wheel well. The removal procedure is the same for each bottle.																								
B. Engine Fire Extinguishing Bottle Removal SUBTASK 26-21-01-940-001 WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT. (1) If the downlock pins are not installed in the nose and main landing gear, do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801. SUBTASK 26-21-01-860-001 (2) Open these circuit breakers and install safety tags: F/O Electrical System Panel, P6-2 <table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>B</td><td>20</td><td>C00297</td><td>FIRE PROTECTION EXTINGUISHERS RIGHT</td></tr><tr><td>B</td><td>22</td><td>C00296</td><td>FIRE PROTECTION EXTINGUISHERS LEFT</td></tr><tr><td>B</td><td>23</td><td>C01022</td><td>FIRE PROTECTION EXTINGUISHERS ALTN R</td></tr><tr><td>B</td><td>24</td><td>C01021</td><td>FIRE PROTECTION EXTINGUISHERS ALTN L</td></tr></tbody></table> SUBTASK 26-21-01-020-001 (3) Disconnect the electrical connectors [6] from the squibs [7]. SUBTASK 26-21-01-020-002 WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS. (4) Install a protective cap [8] on each squib [7]. SUBTASK 26-21-01-020-003 (5) Disconnect the electrical connector [5] from the pressure switch. SUBTASK 26-21-01-020-004 (6) Remove the discharge line from both fire bottle discharge outlets. NOTE: Loosen other fittings as necessary to move the discharge lines out of the way. SUBTASK 26-21-01-420-004 (7) Install the protective caps on each of the discharge ports. (8) Install the protective caps on each of the discharge tubes.					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L
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EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH D633A109-AKS 26-100-00-01	Page 3 of 11 Feb 15/2015
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AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01	MECH	INSP
SUBTASK 26-21-01-020-005	(9) Remove the four bolts [2] and washers [3].	SUBTASK 26-21-01-020-006	WARNING: BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.	(10) Remove the applicable fire extinguishing bottle [1].	———— END OF TASK ————	

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-100-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01
TASK 26-21-01-400-801				MECH INSP
2. Engine Fire Extinguishing Bottle Installation (Figure 1)				
A. General (1) This task gives instructions to install the Engine Fire Extinguishing Bottle. (2) The engine fire extinguishing bottle is installed in the left main wheel well. The installation procedure is the same for each bottle.				
B. Expendables/Parts				
AMM Item	Description	AIPC Reference	AIPC Effectivity	
1	Fire extinguishing bottle	26-21-01-01-045	AKS ALL	
7	Squib	26-21-60-01-055	AKS ALL	
		26-21-60-01-060	AKS ALL	
8	Protective cap	26-21-60-01-056	AKS ALL	
		26-21-60-01-057	AKS ALL	
		26-21-60-01-062	AKS ALL	
		26-21-60-01-064	AKS ALL	
C. Engine Fire Extinguishing Bottle Installation				
SUBTASK 26-21-01-940-002				
WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT.				
(1) If the downlock pins are not installed in the nose and main landing gear, then do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
SUBTASK 26-21-01-280-001				
(2) Use the force gauge, COM-4907 to weigh the bottle.				
(3) Make sure that the weight of the bottle is ± 0.10 pound (0.05 kg) from the weight listed on the bottle data plate.				
NOTE: The bottle assembly includes the charged bottle, discharge heads, cartridge and electrical bonding tab with stud wire locked in place. Remove all protective caps before weighing. The explosive cartridge must be capped when handling the bottle assembly, except at weighing.				
SUBTASK 26-21-01-200-001				
(4) If the previous bottle was discharged, do this step: (a) Check the discharge tube for any debris.				
NOTE: Pay particular attention to the discharge outlets at the engine.				
SUBTASK 26-21-01-200-002				
(5) Examine the check valve to make sure the ball moves freely.				
NOTE: It may be necessary to further disconnect the discharge tubes to get access to the check valve.				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH	
		D633A109-AKS 26-100-00-01	Page 5 of 11 Jun 15/2016

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01																				
SUBTASK 26-21-01-860-002				MECH INSP																				
(6) Make sure that these circuit breakers are open and have safety tags:																								
F/O Electrical System Panel, P6-2																								
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B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
SUBTASK 26-21-01-420-001																								
<u>WARNING:</u> REMOVE THE METAL CAP FROM THE FILL FITTING ASSEMBLY ON THE ENGINE FIRE EXTINGUisher BOTTLES. THE SAFETY RELEASE ON THE BOTTLE WILL NOT OPERATE IF METAL CAPS ARE INSTALLED.																								
(7) Do these steps to install the bottle:																								
(a) Make sure the fire extinguisher bottle and support fixture mounting surfaces are clean.																								
<u>WARNING:</u> BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.																								
(b) Put the fire extinguishing bottle [1] in its correct position on the support bracket.																								
(c) Install the bolts [2] and washers [3].																								
(d) Do a check of the resistance between the fire extinguishing bottle [1] and the support bracket with an intrinsically safe approved bonding meter, COM-1550.																								
1) Make sure the resistance is not more than 0.0025 ohm.																								
2) If the resistance is more than 0.0025 ohm, clean the bonding surfaces between the fire extinguishing bottle [1] and the support bracket with solvent, B00083, and retest.																								
(e) Do this task: Engine Fire Extinguishing Discharge Line Flow Test, AMM TASK 26-21-00-720-801.																								
(f) If the discharge head does not align with the hose assembly, do these steps:																								
1) Loosen the discharge outlet gland nut and rotate the discharge port so it aligns with the tube assembly.																								
2) Tighten the gland nut to 540 in-lb (61 N·m) – 660 in-lb (75 N·m).																								
3) Install MS20995C32 lockwire, G01048, on the gland nut.																								
(g) Remove the protective caps from each of the discharge ports.																								
(h) Remove the protective caps from each of the discharge tubes.																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH	
		D633A109-AKS 26-100-00-01	Page 6 of 11 Jun 15/2016

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01
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WARNING: USE NITRILE GLOVES FOR SKIN PROTECTION WHEN YOU USE COR-BAN 27L, G50237. IF IT GETS ON YOUR SKIN, IMMEDIATELY REMOVE IT WITH WATER. IF THIS MATERIAL GETS IN YOUR EYES, IMMEDIATELY FLUSH YOUR EYES WITH WATER. GET MEDICAL AID. THIS MATERIAL CONTAINS FLAMMABLE AGENTS WHICH CAN CAUSE INJURIES TO PERSONNEL.

- (i) Apply a layer of compound, D50004, (preferred) to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.
 - 1) The Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136, are also acceptable alternatives as anti-corrosion compounds to use in this location.
- (j) Connect the tube assembly to the discharge head.

NOTE: Yellow is used to show the plumbing which supplies extinguishing agent to engine number 1. Blue is used to show the plumbing which supplies extinguishing agent to engine number 2.
- (k) Remove any unwanted compound.
- (l) Tighten the nut to 342 in-lb (38.6 N·m) to 378 in-lb (42.7 N·m) on the tube assembly.

SUBTASK 26-21-01-710-001

- (8) Do these steps to connect the electrical connector [6] to the squib [7].

WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.

- (a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:
 - ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802.
 - ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802.
- (b) Remove the protective cap [8] from the squib [7].

SUBTASK 26-21-01-700-001

WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.

- (9) Do this to make sure that there is no stray voltage at the electrical squib connector:

Fire Bottle Squib Electrical Connector

	Engine	APU	Cargo
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2

- (a) Connect the digital/analog multimeter, COM-1793, across the two pins.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH	
		D633A109-AKS 26-100-00-01	Page 7 of 11 Jun 15/2016

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01																				
				MECH INSP																				
(b) Make sure that the current is less than 5 mA. (c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter.																								
SUBTASK 26-21-01-420-003 (10) Connect the electrical connector [6] to the squib [7]. <u>NOTE:</u> The squib pins can cause damage to the electrical connector if the pins do not correctly engage the connector.																								
SUBTASK 26-21-01-420-002 (11) Do this task to test the electrical wiring up to the pressure switch: Engine Fire Extinguishing Bottle Pressure Switch Circuit Test, AMM TASK 26-21-00-730-802. (12) Connect the electrical connector [5] to the pressure switch. (13) Do this visual check of the pressure gauge: Engine Fire Extinguishing Bottle Check, AMM TASK 26-20-00-210-802.																								
D. Engine Fire Extinguishing Bottle Installation Test																								
SUBTASK 26-21-01-860-003 (1) Remove the safety tags and close these circuit breakers:																								
F/O Electrical System Panel, P6-2 <table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>20</td> <td>C00297</td> <td>FIRE PROTECTION EXTINGUISHERS RIGHT</td> </tr> <tr> <td>B</td> <td>22</td> <td>C00296</td> <td>FIRE PROTECTION EXTINGUISHERS LEFT</td> </tr> <tr> <td>B</td> <td>23</td> <td>C01022</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN R</td> </tr> <tr> <td>B</td> <td>24</td> <td>C01021</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN L</td> </tr> </tbody> </table>					Row	Col	Number	Name	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L
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SUBTASK 26-21-01-741-001 (2) Set the EXT TEST switch on the P8-1 panel to 1. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.																								
SUBTASK 26-21-01-741-002 (3) Set the EXT TEST switch on the P8-1 panel to 2. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.																								
SUBTASK 26-21-01-741-003 (4) Release the EXT TEST switch.																								
E. Put the Airplane Back to Its Usual Condition																								
SUBTASK 26-21-01-040-001 (1) Do this task: Remove External Power, AMM TASK 24-22-00-860-814.																								
— END OF TASK —																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-100-00-01

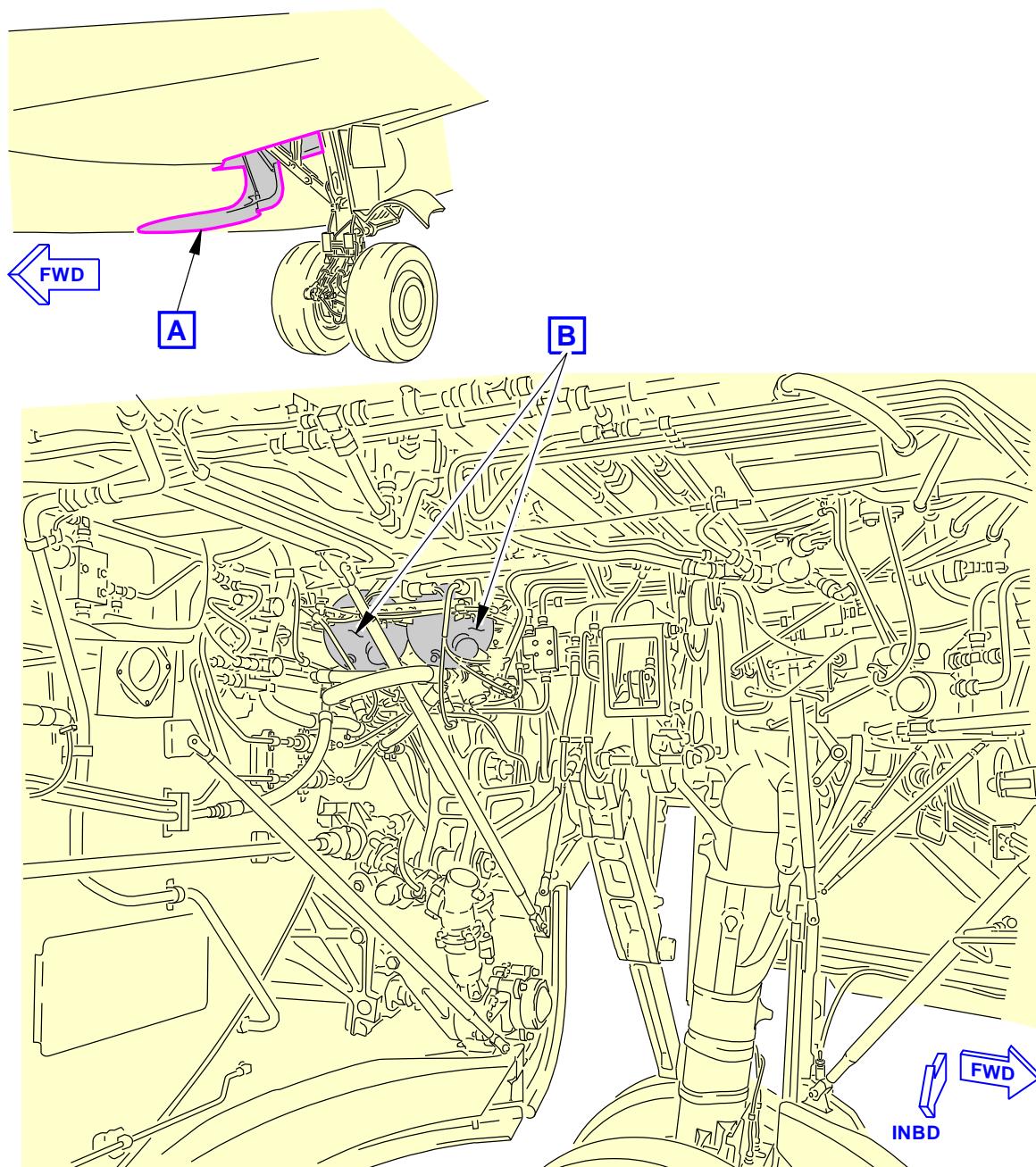
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

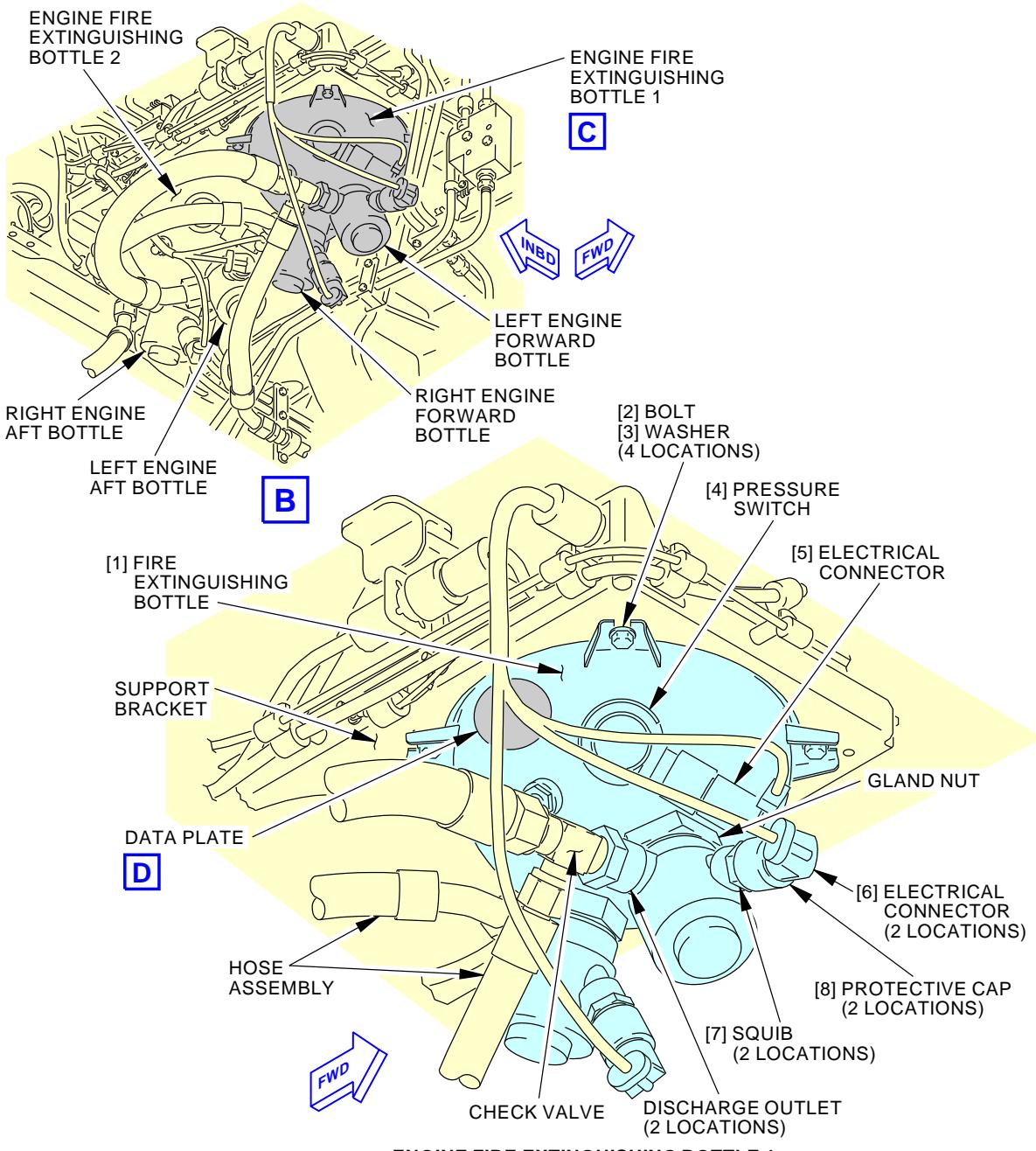
BOEING CARD NO.
26-100-00-01**MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)**

F60123 S0006568254_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 1 of 3)**EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE BOTTLE PRESSURE SWITCH****D633A109-AKS
26-100-00-01****Page 9 of 11
Jun 15/2015**

AKS737-600/700/800/900
TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01
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**ENGINE FIRE EXTINGUISHING BOTTLE 1
(ENGINE FIRE EXTINGUISHING BOTTLE 2 IS EQUIVALENT)****C**

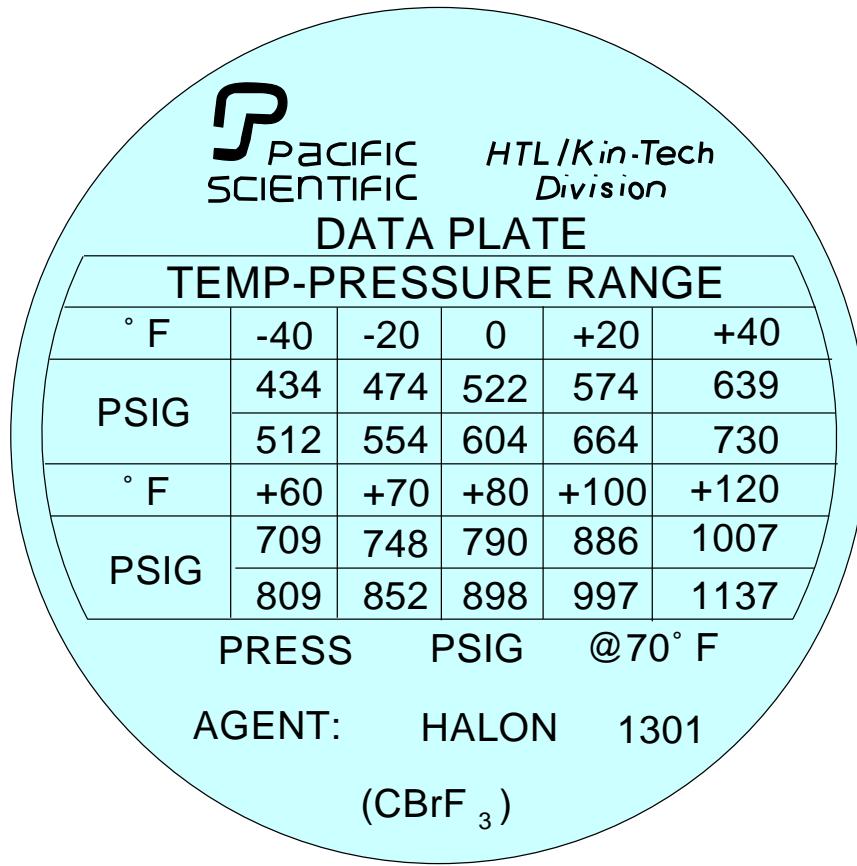
F60166 S0006568255_V4

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 2 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-100-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-100-00-01
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1373174 S0000248697_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 3 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-100-00-01

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737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION			BOEING CARD NO.
DATE	TASK OPERATIONAL				26-110-00-01
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	APPLICABILITY
STATION	SKILL ELEC				AIRPLANE ALL ENGINE ALL
		ACCESS 415 425			ZONE 212 411 421

Operational check of the engine fire handle (Including fire handle lock override circuitry) for engine shutdown and isolation.

A. References

Reference	Title
AMM 24-22-00-860-813	Supply External Power (P/B 201)
AMM 29-11-00-860-801	Hydraulic System A or B Pressurization (P/B 201)
AMM 29-11-00-860-805	Hydraulic System A or B Power Removal (P/B 201)
AMM 78-31-00-010-801-F00	Open the Thrust Reverser (Selection) (P/B 201)
AMM 78-31-00-010-804-F00	Close the Thrust Reverser (Selection) (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION	
		D633A109-AKS 26-110-00-01	Page 1 of 11 Oct 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-110-00-01	MECH	INSP
TASK 26-21-00-720-802						

1. Engine Fire Switch System Shutdown Test
(Figure 3, Figure 1, Figure 2)

A. General

- (1) This procedure checks that the engine is isolated from the fuel, hydraulic, pneumatic and electrical systems, and that the thrust reverser is disabled when the fire handle is pulled. It should be performed when the Engine and APU Fire Control Panel is replaced.
- (2) This test is written for engine 1. The test is the same for engine 2, except as noted by the data in parentheses. Use the data in parentheses to do the test for engine 2.

B. Prepare for the test

SUBTASK 26-21-00-860-005

- (1) Do this task: Supply External Power, AMM TASK 24-22-00-860-813.

SUBTASK 26-21-00-010-005

WARNING: DO THESE SPECIFIED TASKS IN THE CORRECT SEQUENCE BEFORE YOU OPEN THE THRUST REVERSER: RETRACT THE LEADING EDGE, DO THE DEACTIVATION PROCEDURES FOR THE LEADING EDGE AND THE THRUST REVERSER (FOR GROUND MAINTENANCE), AND OPEN THE FAN COWL PANELS. IF YOU DO NOT OBEY THE ABOVE SEQUENCE, INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) For the left thrust reverser, do this task: Open the Thrust Reverser (Selection), AMM TASK 78-31-00-010-801-F00.

SUBTASK 26-21-00-860-006

- (3) Open these circuit breakers and install safety tags:

F/O Electrical System Panel, P6-2

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	19	C00388	FIRE PROTECTION DET OVHT WW WING BODY
B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT
B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU
B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT
B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L

SUBTASK 26-21-00-860-007

- (4) Make sure that these circuit breakers are closed:

F/O Electrical System Panel, P6-2

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	21	C00396	FIRE PROT DETECTION MA WRN & CONT
A	22	C00407	FIRE PROTECTION DETECTION ENG 2
A	23	C00403	FIRE PROTECTION DETECTION APU
A	24	C00405	FIRE PROTECTION DETECTION ENG 1

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION D633A109-AKS 26-110-00-01	Page 2 of 11 Feb 15/2015
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AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-110-00-01			
					MECH	INSP		
F/O Electrical System Panel, P6-3								
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>					
B	12	C00132	MASTER CAUTION ANNUNCIATOR BUS 1					
B	13	C00131	MASTER CAUTION ANNUNCIATOR BAT					
D	11	C00133	INDICATOR MASTER DIM DIM/TST CONT					
D	12	C00310	INDICATOR MASTER DIM BAT					
D	13	C00311	INDICATOR MASTER DIM BUS 1					
D	14	C00312	INDICATOR MASTER DIM BUS 2					
D	15	C01401	LANDING GEAR AIR/GND RELAY					
E	11	C00313	INDICATOR MASTER DIM SECT 1					
E	12	C00314	INDICATOR MASTER DIM SECT 2					
E	13	C00315	INDICATOR MASTER DIM SECT 3					
E	14	C00316	INDICATOR MASTER DIM SECT 4					
F	11	C00317	INDICATOR MASTER DIM SECT 5					
F	12	C00318	INDICATOR MASTER DIM SECT 6					
C. Make sure the engine fuel is stopped								
SUBTASK 26-21-00-860-008								
(1) Make sure the START SWITCH for each engine is in the OFF position.								
SUBTASK 26-21-00-860-009								
(2) Set the engine 1 (2) fuel switch to IDLE.								
(a) Make sure the engine 1 (2) SPAR VALVE CLOSED light on the P5 panel comes on bright, then goes out.								
(b) Make sure the engine 1 (2) ENG VALVE CLOSED light on the P5 panel comes on bright.								
SUBTASK 26-21-00-860-029								
(3) Pull the engine 1 (2) fire handle on the P8 panel.								
(a) Make sure the fire handle does not extend.								
SUBTASK 26-21-00-860-010								
(4) Push the manual override button and pull the engine 1 (2) fire handle on the P8 panel.								
(a) Make sure the engine 1 (2) SPAR VALVE CLOSED light on the P5 panel comes on bright while the valve is in transition, then goes dim.								
(b) Make sure the engine 1 (2) ENG VALVE CLOSED light on the P5 panel goes dim.								
SUBTASK 26-21-00-860-011								
(5) Push in the engine 1 (2) fire handle on the P8 panel to the normal position.								
SUBTASK 26-21-00-860-012								
(6) Set the engine 1 (2) fuel switch to CUTOFF.								
D. Make sure the hydraulic power shuts off								
SUBTASK 26-21-00-860-013								
(1) Push the manual override button and pull the engine 1 (2) fire handle on the P8 panel.								
(a) Make sure the engine 1 (2) hydraulic system A (B) fluid shutoff valve, V33 (V34) moves to the closed position.(Figure 1)								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION D633A109-AKS 26-110-00-01
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-110-00-01
				MECH INSP
SUBTASK 26-21-00-860-014	(2) Push in the engine 1 (2) fire handle on the P8 panel to the normal position.			
E. Make sure the Bleed Air shuts off				
SUBTASK 26-21-00-860-039	(1) Set the BLEED air switch for the applicable engine ON.			
SUBTASK 26-21-00-860-015	(2) Push the manual override button and pull the engine 1 (2) fire handle on the P8 panel.			
	(a) Make sure the engine 1 (2) bleed air regulator solenoid closes by listening or feeling it click.(Figure 2)			
SUBTASK 26-21-00-860-016	(3) Push in the engine 1 (2) fire handle on the P8 panel to the normal position.			
SUBTASK 26-21-00-860-040	(4) Set the BLEED air switch for the applicable engine OFF.			
F. Make sure the electrical power shuts down				
SUBTASK 26-21-00-020-007	(1) Disconnect the electrical connector DP1206 from the engine 1 (2) Integrated Drive Generator.			
SUBTASK 26-21-00-860-030	(2) Set the GEN CONT switch on the P5-4 panel OFF.			
	(a) Make sure the resistance between pins 3 (LO) and 2 (HI) on DP1206 is less than 10 ohms.			
SUBTASK 26-21-00-860-031	(3) Set the GEN CONT switch on the P5-4 panel ON.			
	(a) Make sure the resistance between pins 3 (LO) and 2 (HI) on DP1206 is at least 230 kohms.			
SUBTASK 26-21-00-860-018	(4) Push the manual override button and pull the engine 1 (2) fire handle on the P8 panel.			
	(a) Make sure the resistance between pins 3 (LO) and 2 (HI) on DP1206 is less than 10 ohms after 5 seconds.			
SUBTASK 26-21-00-860-019	(5) Push in the engine 1 (2) fire handle on the P8 panel to the normal position.			
SUBTASK 26-21-00-420-006	(6) Connect the electrical connector DP1206 to the engine 1 (2) Integrated Drive Generator.			
G. Make sure the thrust reversers deactivate				
SUBTASK 26-21-00-010-006	WARNING: OBEY THE INSTRUCTIONS IN THE PROCEDURE TO CLOSE THE THRUST REVERSERS. IF YOU DO NOT OBEY THE INSTRUCTIONS, INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.			
	(1) Do this task: Close the Thrust Reverser (Selection), AMM TASK 78-31-00-010-804-F00.			

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION D633A109-AKS 26-110-00-01	Page 4 of 11 Oct 15/2014
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-110-00-01
				MECH INSP
SUBTASK 26-21-00-860-020	(2) Do this task: Hydraulic System A or B Pressurization, AMM TASK 29-11-00-860-801.			
SUBTASK 26-21-00-860-021	(3) Make sure that these circuit breakers are closed:			
	CAPT Electrical System Panel, P18-2			
	Row Col Number Name			
	B 5 C00276 ENGINE 1 THRUST REVERSER CONT			
	F/O Electrical System Panel, P6-2			
	Row Col Number Name			
	C 7 C00277 ENGINE 2 THRUST REVERSER CONT			
SUBTASK 26-21-00-860-032	(4) Set the ENG START switch to CONT.			
	<u>NOTE:</u> Setting the ENG START switch to CONT applies power to the EEC. It is not necessary to apply power to the EEC to extend and retract the thrust reverser. However, if the EEC is not powered, the reverse thrust lever will be blocked by the interlock and will not move to the full reverse thrust position. Thus, the REV light will not indicate the sleeve position.			
SUBTASK 26-21-00-860-022	(5) Push the manual override button and pull the engine 1 (2) fire handle on the P8 panel.			
SUBTASK 26-21-00-860-023	<u>WARNING:</u> MAKE SURE THERE ARE NO PERSONS OR EQUIPMENT IN THE AREA AROUND THE THRUST REVERSER SLEEVES. THIS WILL PREVENT INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.			
	(6) Move the engine 1 (2) reverse thrust lever up and aft to the extend position.			
	(a) Make sure the thrust reverser does not extend.			
SUBTASK 26-21-00-860-024	(7) Move the engine 1 (2) reverse thrust lever down and forward to the retract position.			
SUBTASK 26-21-00-860-025	(8) Push in the engine 1 (2) fire handle on the P8 panel to the normal position.			
SUBTASK 26-21-00-860-026	<u>WARNING:</u> MAKE SURE THERE ARE NO PERSONS OR EQUIPMENT IN THE AREA AROUND THE THRUST REVERSER SLEEVES. THIS WILL PREVENT INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.			
	(9) Move the engine 1 (2) reverse thrust lever up and aft to the extend position.			
	(a) Make sure the thrust reverser extends.			
SUBTASK 26-21-00-860-027	(10) Move the engine 1 (2) reverse thrust lever down and forward to the retract position.			
	(a) Make sure the thrust reverser retracts.			

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION D633A109-AKS 26-110-00-01	Page 5 of 11 Jun 15/2015
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-110-00-01																										
SUBTASK 26-21-00-860-033 (11) Set the ENG START switch to OFF. SUBTASK 26-21-00-860-028 (12) Do this task: Hydraulic System A or B Power Removal, AMM TASK 29-11-00-860-805. SUBTASK 26-21-00-860-034 (13) Remove the safety tags and close these circuit breakers: F/O Electrical System Panel, P6-2 <table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>A</td><td>19</td><td>C00388</td><td>FIRE PROTECTION DET OVHT WW WING BODY</td></tr><tr><td>B</td><td>20</td><td>C00297</td><td>FIRE PROTECTION EXTINGUISHERS RIGHT</td></tr><tr><td>B</td><td>21</td><td>C00452</td><td>FIRE PROTECTION EXTINGUISHERS APU</td></tr><tr><td>B</td><td>22</td><td>C00296</td><td>FIRE PROTECTION EXTINGUISHERS LEFT</td></tr><tr><td>B</td><td>23</td><td>C01022</td><td>FIRE PROTECTION EXTINGUISHERS ALTN R</td></tr><tr><td>B</td><td>24</td><td>C01021</td><td>FIRE PROTECTION EXTINGUISHERS ALTN L</td></tr></tbody></table> — END OF TASK —	<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	A	19	C00388	FIRE PROTECTION DET OVHT WW WING BODY	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L	MECH	INSP
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B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT																											
B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R																											
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																											

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION D633A109-AKS 26-110-00-01	Page 6 of 11 Oct 15/2015
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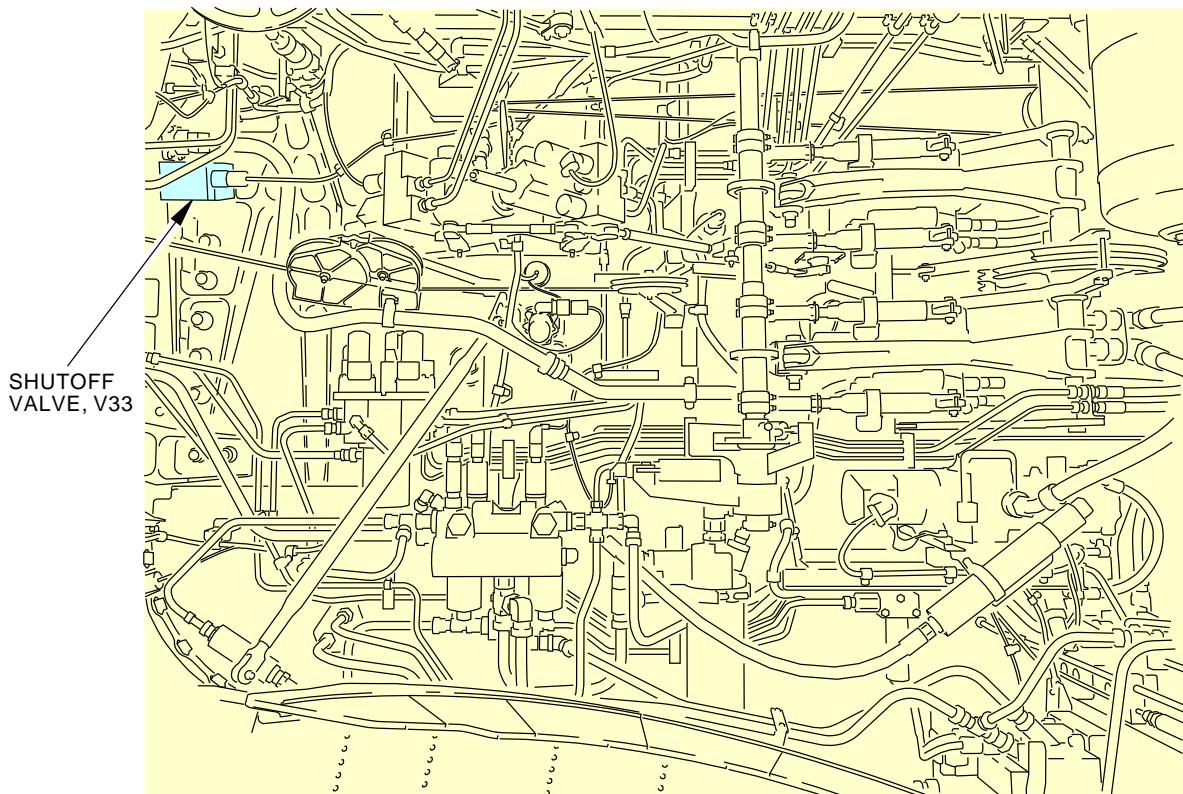
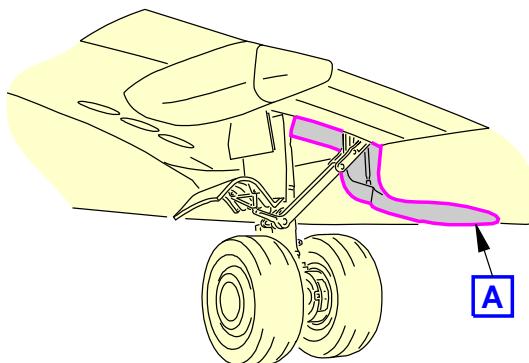
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-110-00-01

Engine EDP Shutoff Valve Test
Figure 1 (Sheet 1 of 2)

G20383 S0006568248_V3

EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION****D633A109-AKS
26-110-00-01****Page 7 of 11
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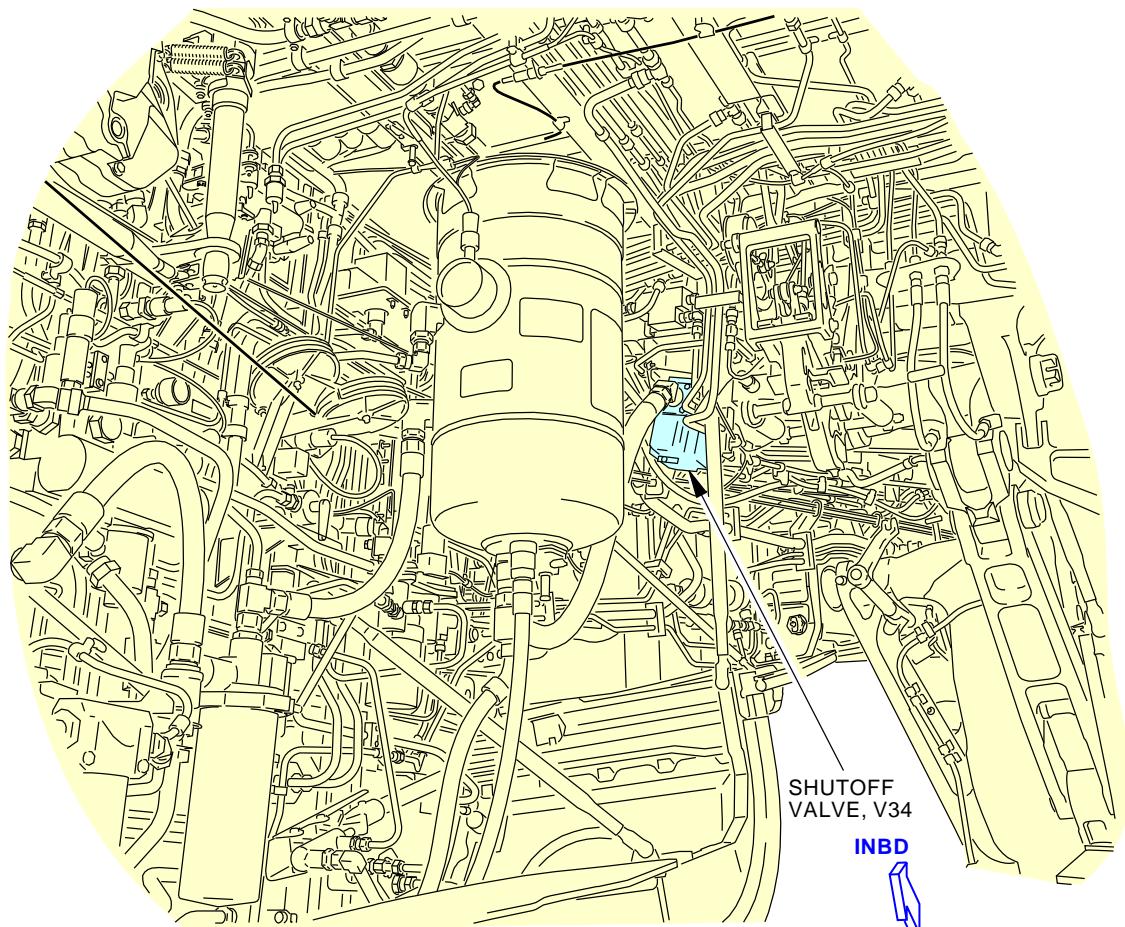
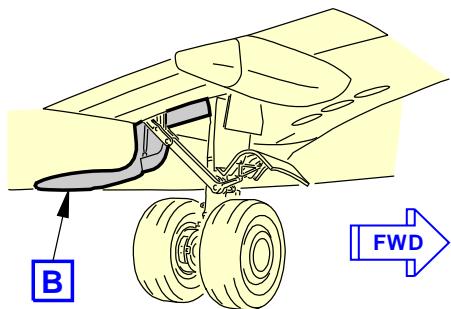
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-110-00-01**MAIN LANDING GEAR WHEEL WELL
(RIGHT SIDE)****B**

H50915 S0006568249_V3

**Engine EDP Shutoff Valve Test
Figure 1 (Sheet 2 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND
ISOLATION****D633A109-AKS
26-110-00-01****Page 8 of 11
Jun 15/2015**

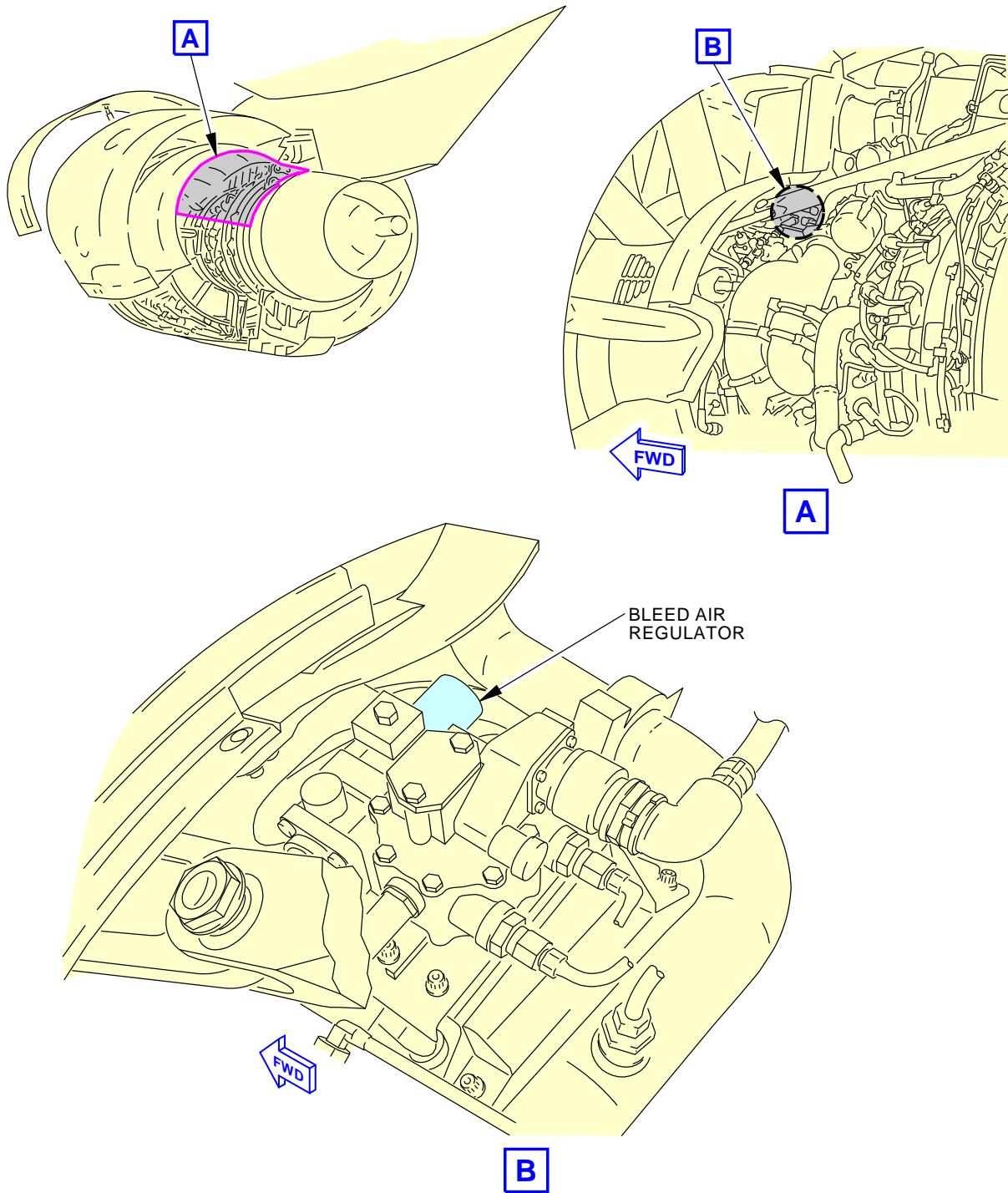
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-110-00-01**Engine Bleed Air Regulator Test
Figure 2**

G20385 S0006568250_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND
ISOLATION****D633A109-AKS
26-110-00-01****Page 9 of 11
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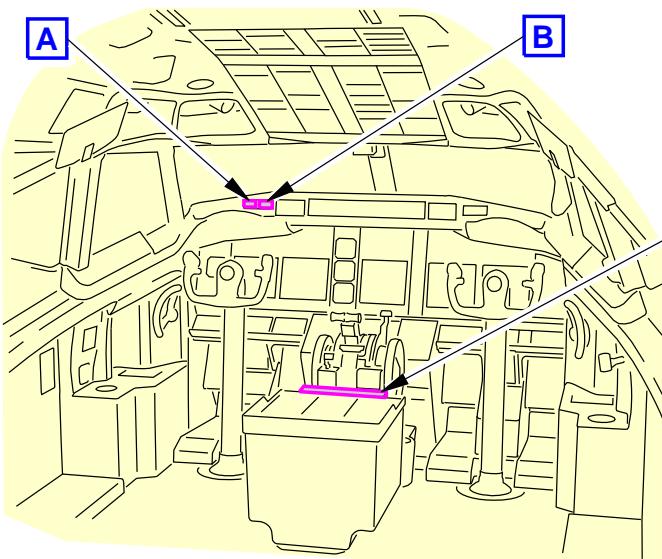
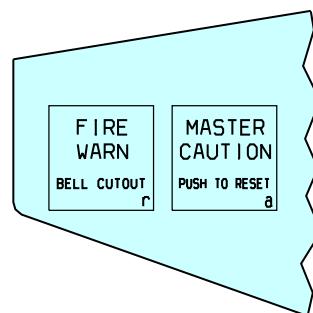
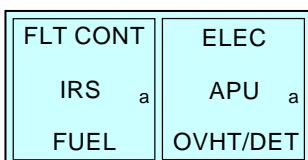
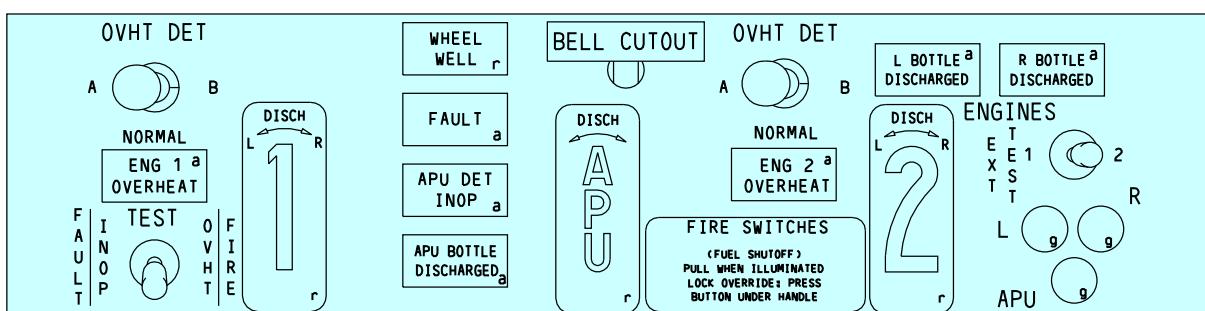
AKS
**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-110-00-01**FLIGHT COMPARTMENT**FIRE CONTROL
PANEL (P8-1)**C****CAPTAIN'S FIRE WARNING SWITCH (P7)
(FIRST OFFICER'S IS OPPOSITE)****A****CAPTAIN'S WARNING
LIGHTS (P7)****B****FIRE CONTROL PANEL (P8-1)****C**

G20362 S0006568238_V2

**Engine Fire Detection Test
Figure 3 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION
		D633A109-AKS 26-110-00-01

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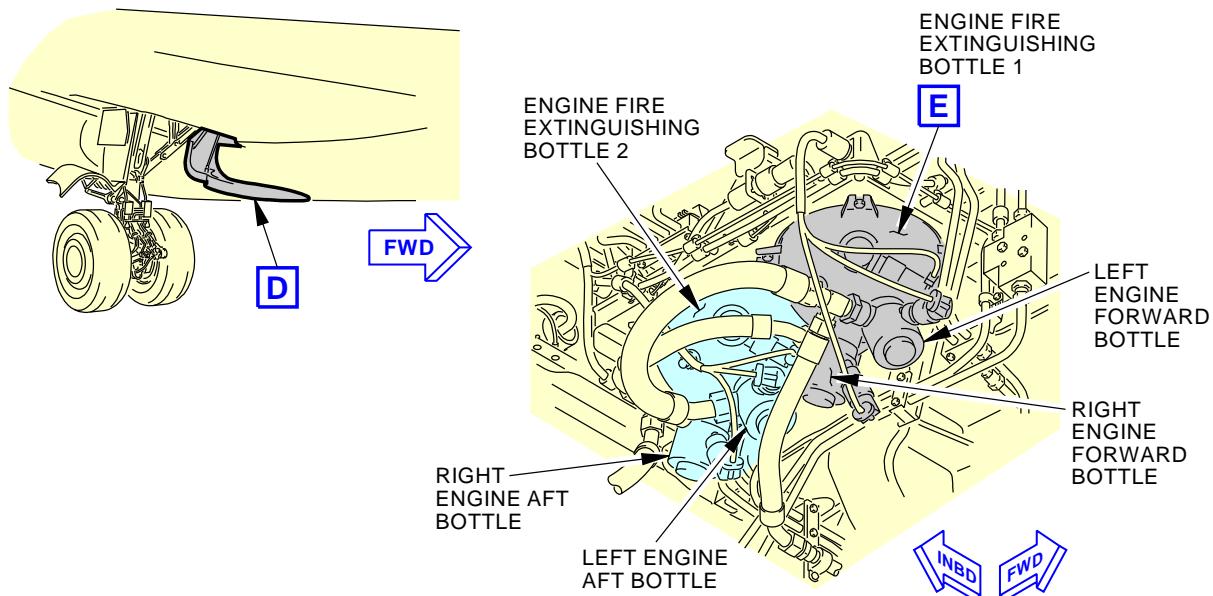
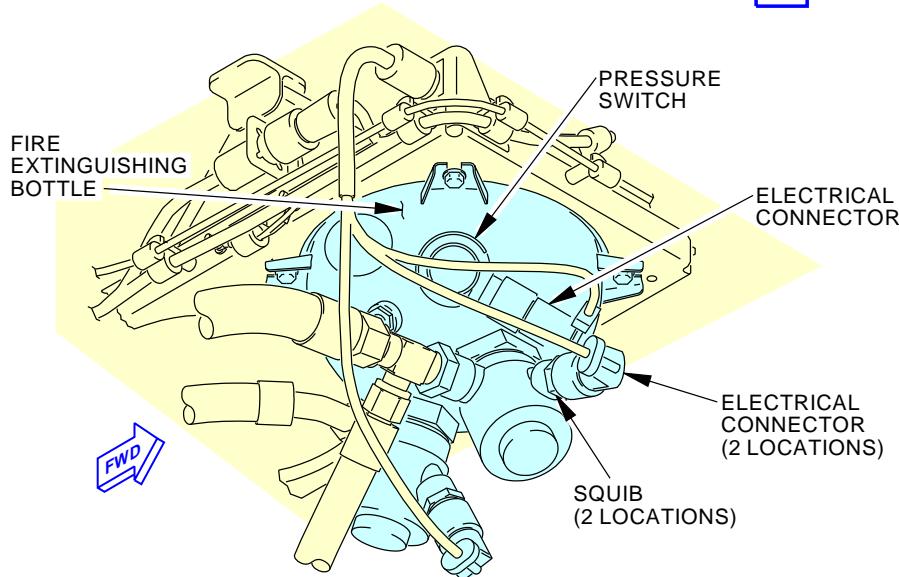
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-110-00-01**MAIN LANDING GEAR WHEELWELL****D****ENGINE FIRE EXTINGUISHING BOTTLE 1
(ENGINE FIRE EXTINGUISHING BOTTLE 2 IS EQUIVALENT)****E**

G20370 S0006568239_V3

**Engine Fire Detection Test
Figure 3 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE HANDLE FOR ENGINE SHUTDOWN AND ISOLATION
		D633A109-AKS 26-110-00-01

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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE BOTTLE PRESSURE GAUGE			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-120-00-01
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD W-26-090-00-01 W-26-100-00-01 W-26-130-00-01
STATION	SKILL AIRPL	NOTE			APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 133

Functional check the engine fire bottle pressure gauge (off aircraft).

INTERVAL NOTE: At vendor's recommendation.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 24-22-00-860-814	Remove External Power (P/B 201)
AMM 26-20-00-210-802	Engine Fire Extinguishing Bottle Check (P/B 601)
AMM 26-21-00-720-801	Engine Fire Extinguishing Discharge Line Flow Test (P/B 501)
AMM 26-21-00-730-802	Engine Fire Extinguishing Bottle Pressure Switch Circuit Test (P/B 501)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)

B. Consumable Materials

Reference	Description	Specification
B00083	Solvent - VM&P Naphthas	ASTM D-3735 Type III
D50004	Compound - Antiseize	BMS3-28
G01048	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8128 mm) Diameter	NASM20995
G50136	Compound - Corrosion Inhibiting, Non-drying	BMS3-38
G50237	Compound - Corrosion Inhibiting, Non-drying - Cor-Ban 27L	BMS3-38, NSN 6850-01-469-7645

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE
		D633A109-AKS 26-120-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01
Reference	Description			
COM-1550	Bonding Meters - Approved, Intrinsically Safe (Approved for use in Class I, Divisions I & II hazardous (classified) locations. Outside these hazardous locations, COM-614 can be used in lieu of COM-1550). Part #: C15292 (MODEL T477W) Supplier: 01014 Part #: M1 Supplier: 3AD17 Opt Part #: M1B Supplier: 3AD17			
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536			
COM-4907	Force Gauge With Resolution of 0.10 lb, +/-0.3% or better Part #: FDIX 100 Supplier: 0BFD9 Part #: FDIX 50 Supplier: 0BFD9 Part #: LG-5KG Supplier: 92456 Part #: PS-10 Supplier: 1GHM7 Opt Part #: FDI 100 Supplier: 0BFD9 Opt Part #: FDI 50 Supplier: 0BFD9 Opt Part #: FDV 100 Supplier: 0BFD9 Opt Part #: FDV 50 Supplier: 0BFD9			
STD-1079	Resistor - 10K Ohm or Greater			

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01
				MECH INSP
TASK 26-21-01-000-801				
1. Engine Fire Extinguishing Bottle Removal				
(Figure 1)				
A. General				
(1) This task gives instructions to remove the Engine Fire Extinguishing Bottle.				
(2) The engine fire extinguishing bottles are installed in the main landing gear wheel well. The removal procedure is the same for each bottle.				
B. Engine Fire Extinguishing Bottle Removal				
SUBTASK 26-21-01-940-001				
WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT.				
(1) If the downlock pins are not installed in the nose and main landing gear, do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
SUBTASK 26-21-01-860-001				
(2) Open these circuit breakers and install safety tags:				
F/O Electrical System Panel, P6-2				
Row Col Number Name				
B 20 C00297 FIRE PROTECTION EXTINGUISHERS RIGHT				
B 22 C00296 FIRE PROTECTION EXTINGUISHERS LEFT				
B 23 C01022 FIRE PROTECTION EXTINGUISHERS ALTN R				
B 24 C01021 FIRE PROTECTION EXTINGUISHERS ALTN L				
SUBTASK 26-21-01-020-001				
(3) Disconnect the electrical connectors [6] from the squibs [7].				
SUBTASK 26-21-01-020-002				
WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.				
(4) Install a protective cap [8] on each squib [7].				
SUBTASK 26-21-01-020-003				
(5) Disconnect the electrical connector [5] from the pressure switch.				
SUBTASK 26-21-01-020-004				
(6) Remove the discharge line from both fire bottle discharge outlets.				
NOTE: Loosen other fittings as necessary to move the discharge lines out of the way.				
SUBTASK 26-21-01-420-004				
(7) Install the protective caps on each of the discharge ports.				
(8) Install the protective caps on each of the discharge tubes.				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE D633A109-AKS 26-120-00-01	Page 3 of 11 Feb 15/2015
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AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01	MECH	INSP
SUBTASK 26-21-01-020-005	(9) Remove the four bolts [2] and washers [3].	SUBTASK 26-21-01-020-006	WARNING: BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.	(10) Remove the applicable fire extinguishing bottle [1].	———— END OF TASK ————	

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE
		D633A109-AKS 26-120-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01
TASK 26-21-01-400-801				MECH INSP
2. Engine Fire Extinguishing Bottle Installation (Figure 1)				
A. General (1) This task gives instructions to install the Engine Fire Extinguishing Bottle. (2) The engine fire extinguishing bottle is installed in the left main wheel well. The installation procedure is the same for each bottle.				
B. Expendables/Parts				
AMM Item	Description	AIPC Reference	AIPC Effectivity	
1	Fire extinguishing bottle	26-21-01-01-045	AKS ALL	
7	Squib	26-21-60-01-055	AKS ALL	
		26-21-60-01-060	AKS ALL	
8	Protective cap	26-21-60-01-056	AKS ALL	
		26-21-60-01-057	AKS ALL	
		26-21-60-01-062	AKS ALL	
		26-21-60-01-064	AKS ALL	
C. Engine Fire Extinguishing Bottle Installation				
SUBTASK 26-21-01-940-002				
WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT.				
(1) If the downlock pins are not installed in the nose and main landing gear, then do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
SUBTASK 26-21-01-280-001				
(2) Use the force gauge, COM-4907 to weigh the bottle.				
(3) Make sure that the weight of the bottle is ± 0.10 pound (0.05 kg) from the weight listed on the bottle data plate.				
NOTE: The bottle assembly includes the charged bottle, discharge heads, cartridge and electrical bonding tab with stud wire locked in place. Remove all protective caps before weighing. The explosive cartridge must be capped when handling the bottle assembly, except at weighing.				
SUBTASK 26-21-01-200-001				
(4) If the previous bottle was discharged, do this step: (a) Check the discharge tube for any debris.				
NOTE: Pay particular attention to the discharge outlets at the engine.				
SUBTASK 26-21-01-200-002				
(5) Examine the check valve to make sure the ball moves freely.				
NOTE: It may be necessary to further disconnect the discharge tubes to get access to the check valve.				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE	
		D633A109-AKS 26-120-00-01	Page 5 of 11 Jun 15/2016

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01																				
SUBTASK 26-21-01-860-002				MECH INSP																				
(6) Make sure that these circuit breakers are open and have safety tags:																								
F/O Electrical System Panel, P6-2																								
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B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
SUBTASK 26-21-01-420-001																								
<u>WARNING:</u> REMOVE THE METAL CAP FROM THE FILL FITTING ASSEMBLY ON THE ENGINE FIRE EXTINGUisher BOTTLES. THE SAFETY RELEASE ON THE BOTTLE WILL NOT OPERATE IF METAL CAPS ARE INSTALLED.																								
(7) Do these steps to install the bottle:																								
(a) Make sure the fire extinguisher bottle and support fixture mounting surfaces are clean.																								
<u>WARNING:</u> BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.																								
(b) Put the fire extinguishing bottle [1] in its correct position on the support bracket.																								
(c) Install the bolts [2] and washers [3].																								
(d) Do a check of the resistance between the fire extinguishing bottle [1] and the support bracket with an intrinsically safe approved bonding meter, COM-1550.																								
1) Make sure the resistance is not more than 0.0025 ohm.																								
2) If the resistance is more than 0.0025 ohm, clean the bonding surfaces between the fire extinguishing bottle [1] and the support bracket with solvent, B00083, and retest.																								
(e) Do this task: Engine Fire Extinguishing Discharge Line Flow Test, AMM TASK 26-21-00-720-801.																								
(f) If the discharge head does not align with the hose assembly, do these steps:																								
1) Loosen the discharge outlet gland nut and rotate the discharge port so it aligns with the tube assembly.																								
2) Tighten the gland nut to 540 in-lb (61 N·m) – 660 in-lb (75 N·m).																								
3) Install MS20995C32 lockwire, G01048, on the gland nut.																								
(g) Remove the protective caps from each of the discharge ports.																								
(h) Remove the protective caps from each of the discharge tubes.																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE
		D633A109-AKS 26-120-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01
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WARNING: USE NITRILE GLOVES FOR SKIN PROTECTION WHEN YOU USE COR-BAN 27L, G50237. IF IT GETS ON YOUR SKIN, IMMEDIATELY REMOVE IT WITH WATER. IF THIS MATERIAL GETS IN YOUR EYES, IMMEDIATELY FLUSH YOUR EYES WITH WATER. GET MEDICAL AID. THIS MATERIAL CONTAINS FLAMMABLE AGENTS WHICH CAN CAUSE INJURIES TO PERSONNEL.

- (i) Apply a layer of compound, D50004, (preferred) to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.
 - 1) The Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136, are also acceptable alternatives as anti-corrosion compounds to use in this location.
 - (j) Connect the tube assembly to the discharge head.
- NOTE:** Yellow is used to show the plumbing which supplies extinguishing agent to engine number 1. Blue is used to show the plumbing which supplies extinguishing agent to engine number 2.
- (k) Remove any unwanted compound.
 - (l) Tighten the nut to 342 in-lb (38.6 N·m) to 378 in-lb (42.7 N·m) on the tube assembly.

SUBTASK 26-21-01-710-001

- (8) Do these steps to connect the electrical connector [6] to the squib [7].

WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.

- (a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:
 - ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802.
 - ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802.
- (b) Remove the protective cap [8] from the squib [7].

SUBTASK 26-21-01-700-001

WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.

- (9) Do this to make sure that there is no stray voltage at the electrical squib connector:

Fire Bottle Squib Electrical Connector

	Engine	APU	Cargo
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2

- (a) Connect the digital/analog multimeter, COM-1793, across the two pins.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE
		D633A109-AKS 26-120-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01																				
				MECH INSP																				
(b) Make sure that the current is less than 5 mA. (c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter.																								
SUBTASK 26-21-01-420-003 (10) Connect the electrical connector [6] to the squib [7]. <u>NOTE:</u> The squib pins can cause damage to the electrical connector if the pins do not correctly engage the connector.																								
SUBTASK 26-21-01-420-002 (11) Do this task to test the electrical wiring up to the pressure switch: Engine Fire Extinguishing Bottle Pressure Switch Circuit Test, AMM TASK 26-21-00-730-802. (12) Connect the electrical connector [5] to the pressure switch. (13) Do this visual check of the pressure gauge: Engine Fire Extinguishing Bottle Check, AMM TASK 26-20-00-210-802.																								
D. Engine Fire Extinguishing Bottle Installation Test																								
SUBTASK 26-21-01-860-003 (1) Remove the safety tags and close these circuit breakers: F/O Electrical System Panel, P6-2 <table> <thead> <tr> <th><u>Row</u></th> <th><u>Col</u></th> <th><u>Number</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>B</td> <td>20</td> <td>C00297</td> <td>FIRE PROTECTION EXTINGUISHERS RIGHT</td> </tr> <tr> <td>B</td> <td>22</td> <td>C00296</td> <td>FIRE PROTECTION EXTINGUISHERS LEFT</td> </tr> <tr> <td>B</td> <td>23</td> <td>C01022</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN R</td> </tr> <tr> <td>B</td> <td>24</td> <td>C01021</td> <td>FIRE PROTECTION EXTINGUISHERS ALTN L</td> </tr> </tbody> </table> SUBTASK 26-21-01-741-001 (2) Set the EXT TEST switch on the P8-1 panel to 1. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L
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B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R																					
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
SUBTASK 26-21-01-741-002 (3) Set the EXT TEST switch on the P8-1 panel to 2. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.																								
SUBTASK 26-21-01-741-003 (4) Release the EXT TEST switch.																								
E. Put the Airplane Back to Its Usual Condition																								
SUBTASK 26-21-01-040-001 (1) Do this task: Remove External Power, AMM TASK 24-22-00-860-814.																								
— END OF TASK —																								

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE
		D633A109-AKS 26-120-00-01

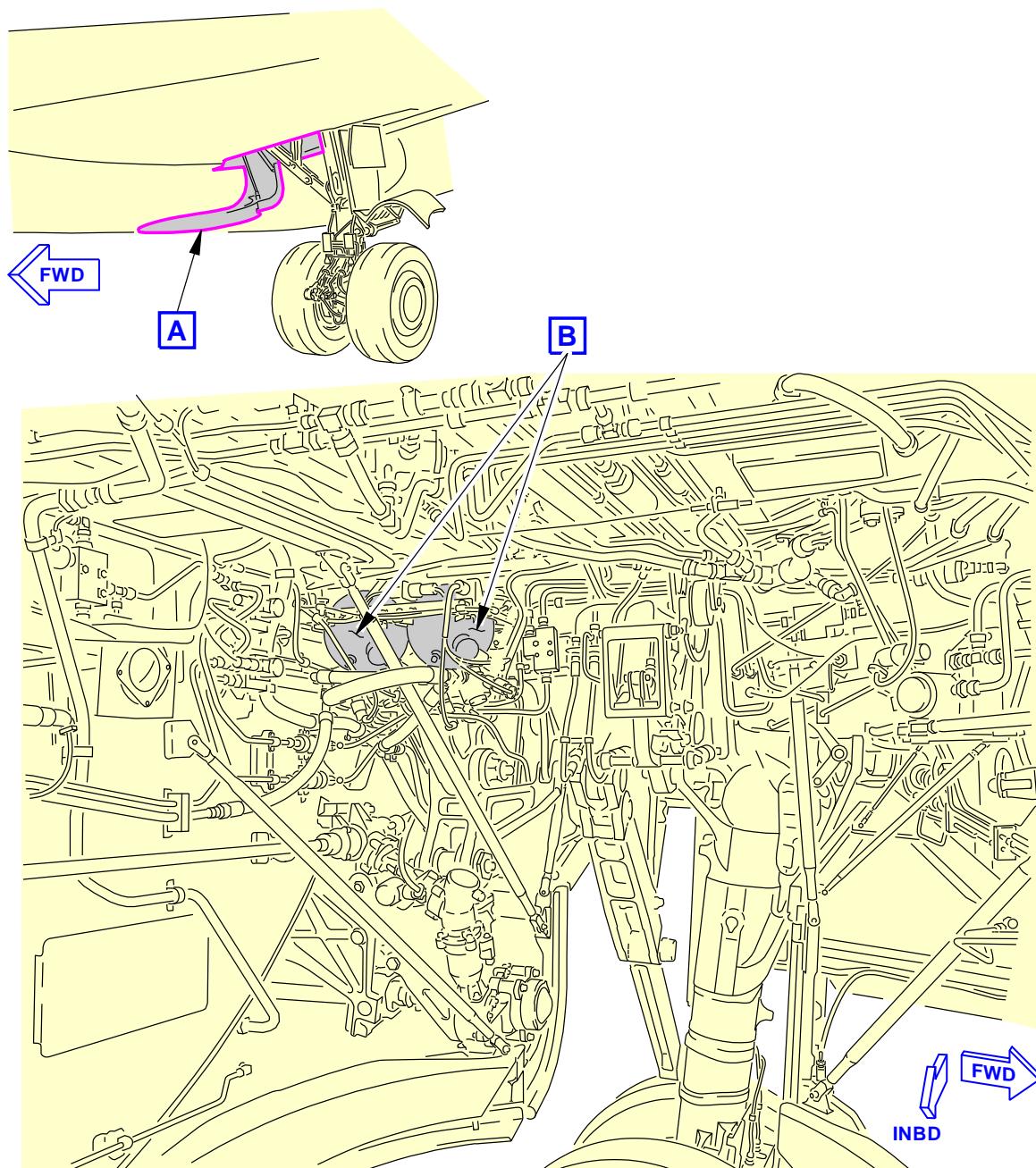
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

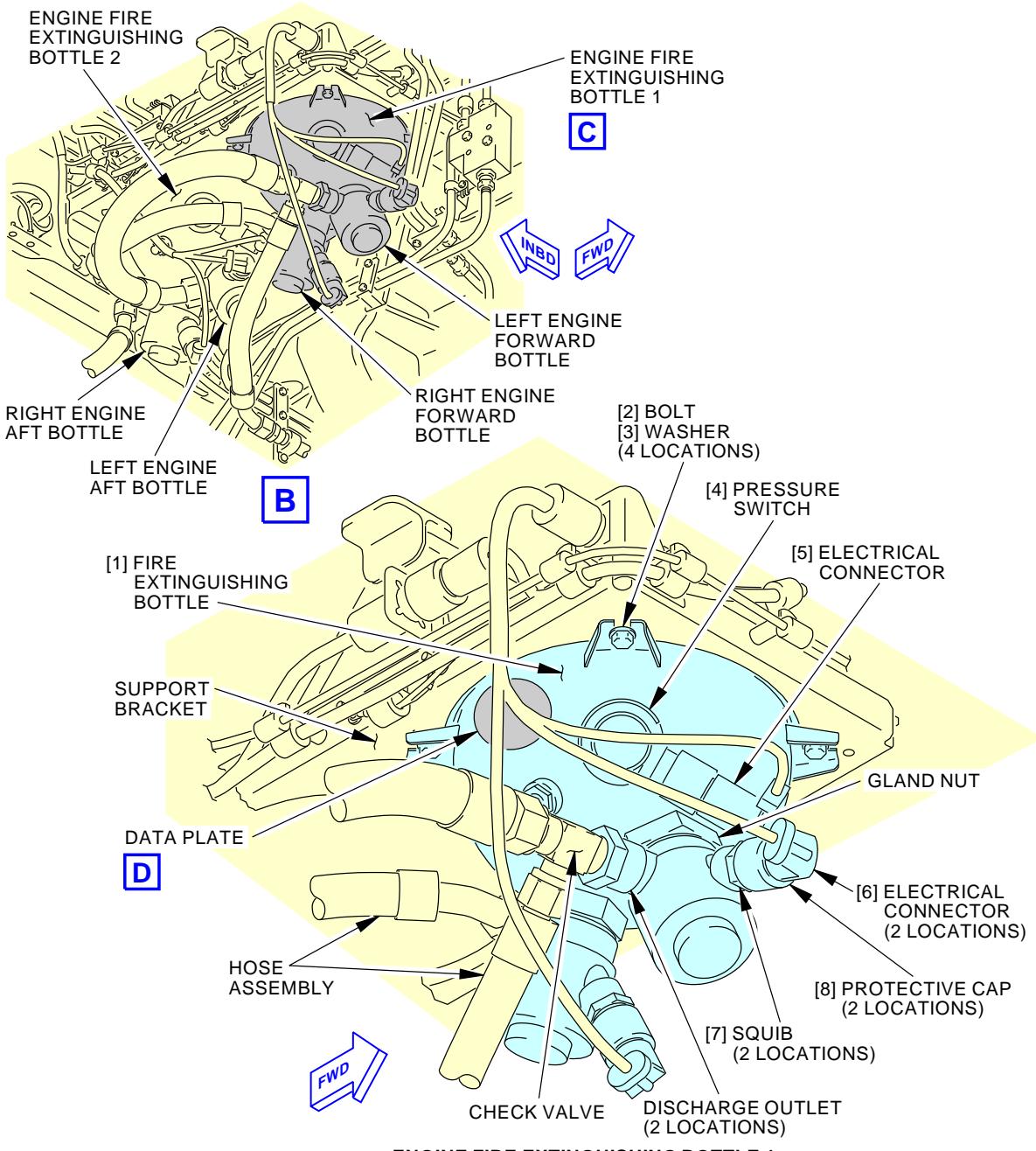
BOEING CARD NO.
26-120-00-01**MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)**

F60123 S0006568254_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 1 of 3)**EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE BOTTLE PRESSURE GAUGE****D633A109-AKS
26-120-00-01****Page 9 of 11
Jun 15/2015**

AKS737-600/700/800/900
TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01
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ENGINE FIRE EXTINGUISHING BOTTLE 1
(ENGINE FIRE EXTINGUISHING BOTTLE 2 IS EQUIVALENT)**C**

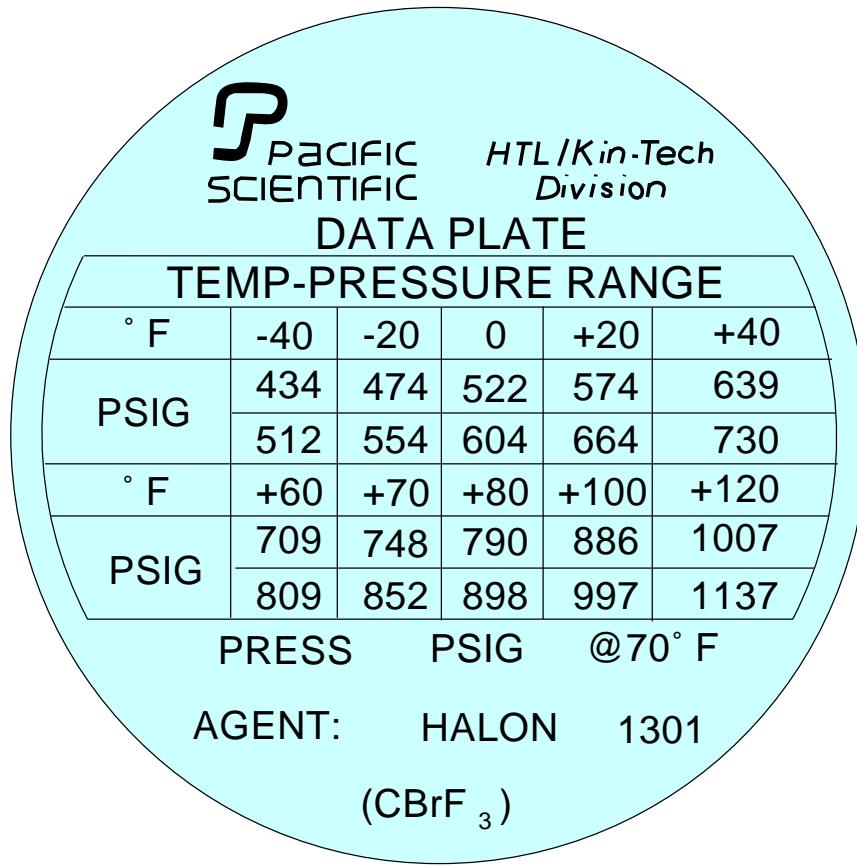
F60166 S0006568255_V4

Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 2 of 3)

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE
		D633A109-AKS 26-120-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-120-00-01
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1373174 S0000248697_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 3 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE GAUGE
		D633A109-AKS 26-120-00-01

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Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.			BOEING CARD NO.
DATE	TASK RESTORE				26-130-00-01
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD W-26-090-00-01 W-26-100-00-01 W-26-120-00-01
STATION	SKILL AIRPL	NOTE			APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 133

Replace the engine fire bottle over pressure relief disc.

INTERVAL NOTE: At vendor's recommendation.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 24-22-00-860-814	Remove External Power (P/B 201)
AMM 26-20-00-210-802	Engine Fire Extinguishing Bottle Check (P/B 601)
AMM 26-21-00-720-801	Engine Fire Extinguishing Discharge Line Flow Test (P/B 501)
AMM 26-21-00-730-802	Engine Fire Extinguishing Bottle Pressure Switch Circuit Test (P/B 501)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)

B. Consumable Materials

Reference	Description	Specification
B00083	Solvent - VM&P Naphthas	ASTM D-3735 Type III
D50004	Compound - Antiseize	BMS3-28
G01048	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8128 mm) Diameter	NASM20995
G50136	Compound - Corrosion Inhibiting, Non-drying	BMS3-38
G50237	Compound - Corrosion Inhibiting, Non-drying - Cor-Ban 27L	BMS3-38, NSN 6850-01-469-7645

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.
		D633A109-AKS 26-130-00-01

AKS**737-600/700/800/900****TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-130-00-01
Reference	Description			
COM-1550	Bonding Meters - Approved, Intrinsically Safe (Approved for use in Class I, Divisions I & II hazardous (classified) locations. Outside these hazardous locations, COM-614 can be used in lieu of COM-1550). Part #: C15292 (MODEL T477W) Supplier: 01014 Part #: M1 Supplier: 3AD17 Opt Part #: M1B Supplier: 3AD17			
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536			
COM-4907	Force Gauge With Resolution of 0.10 lb, +/-0.3% or better Part #: FDIX 100 Supplier: 0BFD9 Part #: FDIX 50 Supplier: 0BFD9 Part #: LG-5KG Supplier: 92456 Part #: PS-10 Supplier: 1GHM7 Opt Part #: FDI 100 Supplier: 0BFD9 Opt Part #: FDI 50 Supplier: 0BFD9 Opt Part #: FDV 100 Supplier: 0BFD9 Opt Part #: FDV 50 Supplier: 0BFD9			
STD-1079	Resistor - 10K Ohm or Greater			
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC. D633A109-AKS 26-130-00-01		

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01
				MECH INSP
TASK 26-21-01-000-801				
1. Engine Fire Extinguishing Bottle Removal				
(Figure 1)				
A. General				
(1) This task gives instructions to remove the Engine Fire Extinguishing Bottle.				
(2) The engine fire extinguishing bottles are installed in the main landing gear wheel well. The removal procedure is the same for each bottle.				
B. Engine Fire Extinguishing Bottle Removal				
SUBTASK 26-21-01-940-001				
WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT.				
(1) If the downlock pins are not installed in the nose and main landing gear, do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
SUBTASK 26-21-01-860-001				
(2) Open these circuit breakers and install safety tags:				
F/O Electrical System Panel, P6-2				
Row Col Number Name				
B 20 C00297 FIRE PROTECTION EXTINGUISHERS RIGHT				
B 22 C00296 FIRE PROTECTION EXTINGUISHERS LEFT				
B 23 C01022 FIRE PROTECTION EXTINGUISHERS ALTN R				
B 24 C01021 FIRE PROTECTION EXTINGUISHERS ALTN L				
SUBTASK 26-21-01-020-001				
(3) Disconnect the electrical connectors [6] from the squibs [7].				
SUBTASK 26-21-01-020-002				
WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.				
(4) Install a protective cap [8] on each squib [7].				
SUBTASK 26-21-01-020-003				
(5) Disconnect the electrical connector [5] from the pressure switch.				
SUBTASK 26-21-01-020-004				
(6) Remove the discharge line from both fire bottle discharge outlets.				
NOTE: Loosen other fittings as necessary to move the discharge lines out of the way.				
SUBTASK 26-21-01-420-004				
(7) Install the protective caps on each of the discharge ports.				
(8) Install the protective caps on each of the discharge tubes.				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.
		D633A109-AKS 26-130-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01
				MECH INSP
SUBTASK 26-21-01-020-005				
(9) Remove the four bolts [2] and washers [3].				
SUBTASK 26-21-01-020-006				
WARNING: BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.				
(10) Remove the applicable fire extinguishing bottle [1].				
— END OF TASK —				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.
		D633A109-AKS 26-130-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01
TASK 26-21-01-400-801				MECH INSP
2. Engine Fire Extinguishing Bottle Installation (Figure 1)				
A. General				
(1) This task gives instructions to install the Engine Fire Extinguishing Bottle.				
(2) The engine fire extinguishing bottle is installed in the left main wheel well. The installation procedure is the same for each bottle.				
B. Expendables/Parts				
AMM Item	Description	AIPC Reference	AIPC Effectivity	
1	Fire extinguishing bottle	26-21-01-01-045	AKS ALL	
7	Squib	26-21-60-01-055	AKS ALL	
		26-21-60-01-060	AKS ALL	
8	Protective cap	26-21-60-01-056	AKS ALL	
		26-21-60-01-057	AKS ALL	
		26-21-60-01-062	AKS ALL	
		26-21-60-01-064	AKS ALL	
C. Engine Fire Extinguishing Bottle Installation				
SUBTASK 26-21-01-940-002				
WARNING: MAKE SURE THAT THE DOWNLOCK PINS ARE INSTALLED ON ALL THE LANDING GEAR. WITHOUT THE DOWNLOCK PINS, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONS, AND DAMAGE TO EQUIPMENT.				
(1) If the downlock pins are not installed in the nose and main landing gear, then do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
SUBTASK 26-21-01-280-001				
(2) Use the force gauge, COM-4907 to weigh the bottle.				
(3) Make sure that the weight of the bottle is ± 0.10 pound (0.05 kg) from the weight listed on the bottle data plate.				
NOTE: The bottle assembly includes the charged bottle, discharge heads, cartridge and electrical bonding tab with stud wire locked in place. Remove all protective caps before weighing. The explosive cartridge must be capped when handling the bottle assembly, except at weighing.				
SUBTASK 26-21-01-200-001				
(4) If the previous bottle was discharged, do this step: (a) Check the discharge tube for any debris.				
NOTE: Pay particular attention to the discharge outlets at the engine.				
SUBTASK 26-21-01-200-002				
(5) Examine the check valve to make sure the ball moves freely.				
NOTE: It may be necessary to further disconnect the discharge tubes to get access to the check valve.				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.	
		D633A109-AKS 26-130-00-01	Page 5 of 11 Jun 15/2016

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01																				
SUBTASK 26-21-01-860-002				MECH INSP																				
(6) Make sure that these circuit breakers are open and have safety tags:																								
F/O Electrical System Panel, P6-2																								
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B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
SUBTASK 26-21-01-420-001																								
<u>WARNING:</u> REMOVE THE METAL CAP FROM THE FILL FITTING ASSEMBLY ON THE ENGINE FIRE EXTINGUisher BOTTLES. THE SAFETY RELEASE ON THE BOTTLE WILL NOT OPERATE IF METAL CAPS ARE INSTALLED.																								
(7) Do these steps to install the bottle:																								
(a) Make sure the fire extinguisher bottle and support fixture mounting surfaces are clean.																								
<u>WARNING:</u> BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.																								
(b) Put the fire extinguishing bottle [1] in its correct position on the support bracket.																								
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(f) If the discharge head does not align with the hose assembly, do these steps:																								
1) Loosen the discharge outlet gland nut and rotate the discharge port so it aligns with the tube assembly.																								
2) Tighten the gland nut to 540 in-lb (61 N·m) – 660 in-lb (75 N·m).																								
3) Install MS20995C32 lockwire, G01048, on the gland nut.																								
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EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.	
		D633A109-AKS 26-130-00-01	Page 6 of 11 Jun 15/2016

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01
				MECH INSP
<p>WARNING: USE NITRILE GLOVES FOR SKIN PROTECTION WHEN YOU USE COR-BAN 27L, G50237. IF IT GETS ON YOUR SKIN, IMMEDIATELY REMOVE IT WITH WATER. IF THIS MATERIAL GETS IN YOUR EYES, IMMEDIATELY FLUSH YOUR EYES WITH WATER. GET MEDICAL AID. THIS MATERIAL CONTAINS FLAMMABLE AGENTS WHICH CAN CAUSE INJURIES TO PERSONNEL.</p> <p>(i) Apply a layer of compound, D50004, (preferred) to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.</p> <p>1) The Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136, are also acceptable alternatives as anti-corrosion compounds to use in this location.</p> <p>(j) Connect the tube assembly to the discharge head.</p> <p>NOTE: Yellow is used to show the plumbing which supplies extinguishing agent to engine number 1. Blue is used to show the plumbing which supplies extinguishing agent to engine number 2.</p> <p>(k) Remove any unwanted compound.</p> <p>(l) Tighten the nut to 342 in-lb (38.6 N·m) to 378 in-lb (42.7 N·m) on the tube assembly.</p>				
SUBTASK 26-21-01-710-001				
(8) Do these steps to connect the electrical connector [6] to the squib [7].				
<p>WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.</p> <p>(a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:</p> <ul style="list-style-type: none"> • ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802. • ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802. <p>(b) Remove the protective cap [8] from the squib [7].</p>				
SUBTASK 26-21-01-700-001				
<p>WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.</p> <p>(9) Do this to make sure that there is no stray voltage at the electrical squib connector:</p>				
Fire Bottle Squib Electrical Connector				
	Engine	APU	Cargo	
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2	
<p>(a) Connect the digital/analog multimeter, COM-1793, across the two pins.</p>				
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.		
		D633A109-AKS 26-130-00-01		
Page 7 of 11 Jun 15/2016				

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01																				
				MECH INSP																				
		(b) Make sure that the current is less than 5 mA. (c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter.																						
		SUBTASK 26-21-01-420-003																						
		(10) Connect the electrical connector [6] to the squib [7]. <u>NOTE:</u> The squib pins can cause damage to the electrical connector if the pins do not correctly engage the connector.																						
		SUBTASK 26-21-01-420-002																						
		(11) Do this task to test the electrical wiring up to the pressure switch: Engine Fire Extinguishing Bottle Pressure Switch Circuit Test, AMM TASK 26-21-00-730-802. (12) Connect the electrical connector [5] to the pressure switch. (13) Do this visual check of the pressure gauge: Engine Fire Extinguishing Bottle Check, AMM TASK 26-20-00-210-802.																						
		D. Engine Fire Extinguishing Bottle Installation Test																						
		SUBTASK 26-21-01-860-003																						
		(1) Remove the safety tags and close these circuit breakers:																						
		F/O Electrical System Panel, P6-2																						
		<table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>B</td><td>20</td><td>C00297</td><td>FIRE PROTECTION EXTINGUISHERS RIGHT</td></tr><tr><td>B</td><td>22</td><td>C00296</td><td>FIRE PROTECTION EXTINGUISHERS LEFT</td></tr><tr><td>B</td><td>23</td><td>C01022</td><td>FIRE PROTECTION EXTINGUISHERS ALTN R</td></tr><tr><td>B</td><td>24</td><td>C01021</td><td>FIRE PROTECTION EXTINGUISHERS ALTN L</td></tr></tbody></table>	<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT	B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT	B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R	B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L		
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																					
B	20	C00297	FIRE PROTECTION EXTINGUISHERS RIGHT																					
B	22	C00296	FIRE PROTECTION EXTINGUISHERS LEFT																					
B	23	C01022	FIRE PROTECTION EXTINGUISHERS ALTN R																					
B	24	C01021	FIRE PROTECTION EXTINGUISHERS ALTN L																					
		SUBTASK 26-21-01-741-001																						
		(2) Set the EXT TEST switch on the P8-1 panel to 1. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.																						
		SUBTASK 26-21-01-741-002																						
		(3) Set the EXT TEST switch on the P8-1 panel to 2. (a) Make sure the L and R lights come on. <u>NOTE:</u> The APU light will also come on.																						
		SUBTASK 26-21-01-741-003																						
		(4) Release the EXT TEST switch.																						
		E. Put the Airplane Back to Its Usual Condition																						
		SUBTASK 26-21-01-040-001																						
		(1) Do this task: Remove External Power, AMM TASK 24-22-00-860-814.																						
		END OF TASK																						

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.	
		D633A109-AKS 26-130-00-01	Page 8 of 11 Jun 15/2016

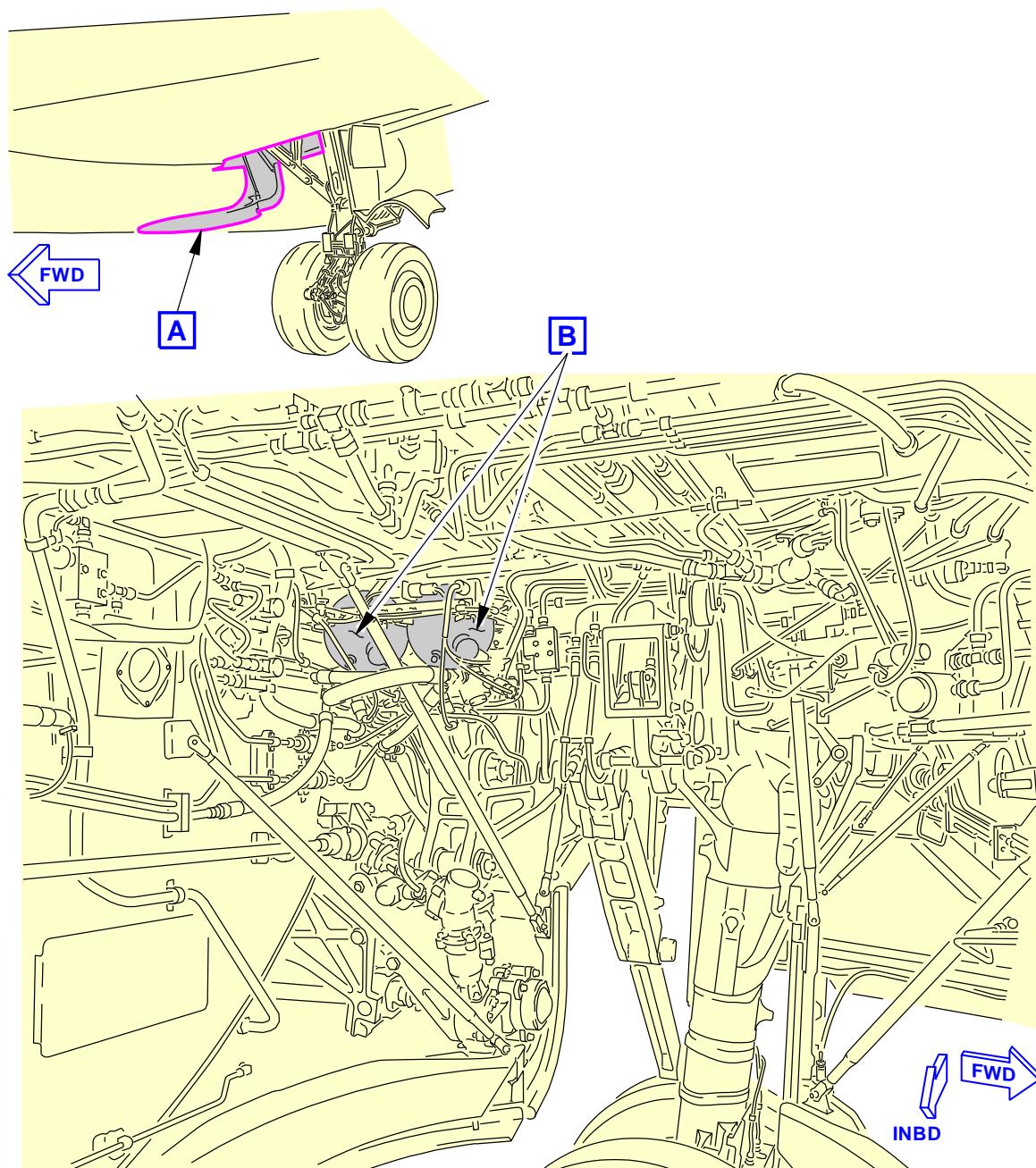
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-130-00-01**MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)**

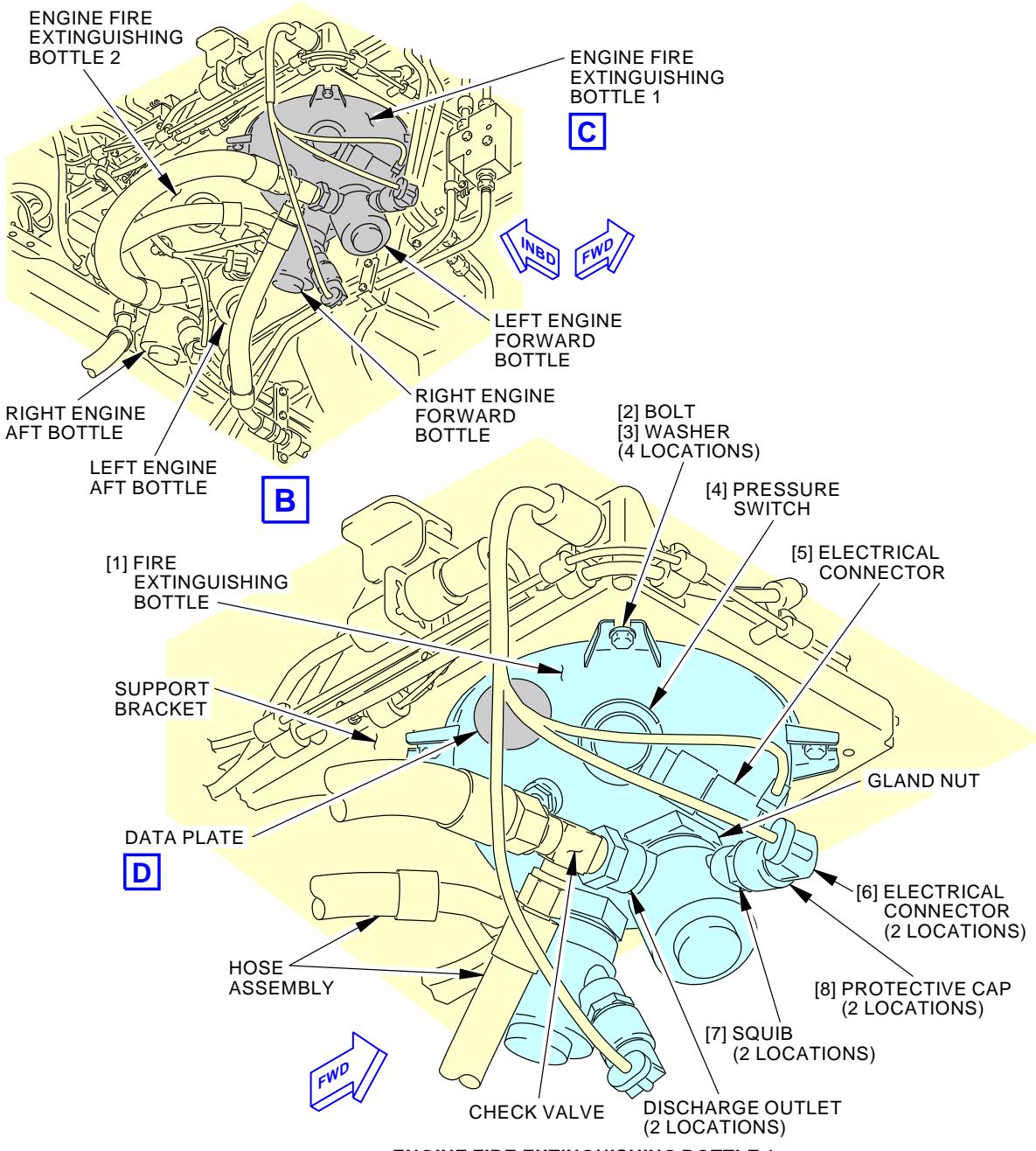
F60123 S0006568254_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 1 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.
		D633A109-AKS 26-130-00-01

AKS737-600/700/800/900
TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01
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**ENGINE FIRE EXTINGUISHING BOTTLE 1
(ENGINE FIRE EXTINGUISHING BOTTLE 2 IS EQUIVALENT)****C**

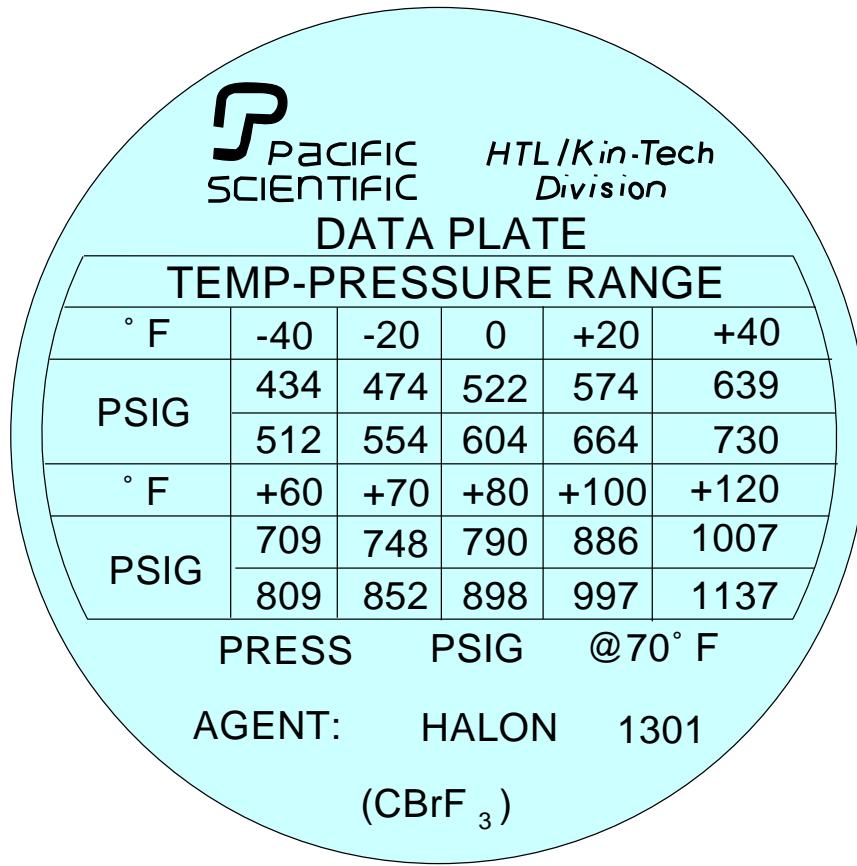
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**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 2 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.
		D633A109-AKS 26-130-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-130-00-01
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DATA PLATE

D

1373174 S0000248697_V2

**Engine Fire Extinguishing Bottle Installation
Figure 1 (Sheet 3 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE BOTTLE PRESSURE RELIEF DISC.
		D633A109-AKS 26-130-00-01

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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-150-00-01
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	RELATED CARD APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL	ACCESS 413 414 415 416 423 424 425 426			ZONE 133 411 421

Functional check the engine fire extinguishing distribution system (flow and pressure check).

A. References

Reference	Title
AMM 78-31-00-010-801-F00	Open the Thrust Reverser (Selection) (P/B 201)
AMM 78-31-00-010-804-F00	Close the Thrust Reverser (Selection) (P/B 201)

B. Consumable Materials

Reference	Description	Specification
D50004	Compound - Antiseize	BMS3-28

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
SPL-1647	Test Equipment - Engine Fire Extinguishing System Part #: C26004-73 Supplier: 81205 Part #: C26004-74 Supplier: 81205 Part #: C26004-83 Supplier: 81205 Part #: C26004-84 Supplier: 81205 Opt Part #: C26004-32 Supplier: 81205 Opt Part #: C26004-33 Supplier: 81205
STD-12129	Pressure Regulator - Adjustable
STD-1325	Source - Pressure, Capable of Supplying 35 +/- 5 PSIG

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-150-00-01
				MECH INSP
TASK 26-21-00-730-803				
1. Engine Fire Extinguishing Discharge Line Pressure Test (Figure 1, Figure 2)				
A. General (1) The pressure test is the same for both engines.				
B. Engine Fire Extinguishing Discharge Line Pressure Test				
SUBTASK 26-21-00-010-003				
WARNING: DO THESE SPECIFIED TASKS IN THE CORRECT SEQUENCE BEFORE YOU OPEN THE THRUST REVERSER: RETRACT THE LEADING EDGE, DO THE DEACTIVATION PROCEDURES FOR THE LEADING EDGE AND THE THRUST REVERSER (FOR GROUND MAINTENANCE), AND OPEN THE FAN COWL PANELS. IF YOU DO NOT OBEY THE ABOVE SEQUENCE, INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.				
(1) Do this task: Open the Thrust Reverser (Selection), AMM TASK 78-31-00-010-801-F00.				
SUBTASK 26-21-00-020-006				
(2) Disconnect the tee fitting from the discharge outlet on the L fire bottle at position 1.				
SUBTASK 26-21-00-480-005				
(3) Connect a pressure source, STD-1325, and an adjustable pressure regulator, STD-12129, to the L fire bottle discharge line at position 1.				
(a) When connecting the test equipment to the discharge lines, do not let the test equipment hang from the discharge lines.				
(b) Give sufficient support to the test equipment during the pressure test.				
SUBTASK 26-21-00-480-006				
(4) Install plugs on the fire extinguishing nozzles at the left engine (engine 1). NOTE: The equipment, SPL-1647 or other suitable plug may be used.				
SUBTASK 26-21-00-780-001				
(5) Pressurize the discharge tubing that goes from L bottle to engine 1 to a pressure of 35 ± 5 psi (241 ± 35 kPa).				
(a) Wait at least 3 minutes for the air pressure to stabilize.				
SUBTASK 26-21-00-780-002				
(6) Turn off the pressure source.				
(a) Record the stabilized air pressure.				
(b) Wait 2 minutes, then check the pressure.				
1) Make sure the pressure loss during the 2 minute waiting period is not more than 1 psi.				
2) If the pressure loss is more than 1 psi, do a check of the pressure source connections and the plugs used to seal the fire extinguishing nozzles. If they do not show any indication of leakage, then do a check of all fittings, seal surfaces, valves, and tubing in the discharge line. Repair the problems that you find.				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-150-00-01
				MECH INSP
	SUBTASK 26-21-00-780-003	(7) Bleed the fire extinguishing plumbing to 0 psi and disconnect the test equipment from position 1.		
	SUBTASK 26-21-00-020-009	(8) Disconnect the tee fitting from the discharge outlet on the R fire bottle at position 4.		
	SUBTASK 26-21-00-480-007	(9) Connect the test equipment to the R fire bottle discharge line at position 4.		
	SUBTASK 26-21-00-480-008	(10) Install plugs on the fire extinguishing nozzles at the right engine (engine 2). <u>NOTE:</u> The equipment, SPL-1647 or other suitable plug may be used.		
	SUBTASK 26-21-00-780-004	(11) Pressurize the discharge tubing that goes from R bottle to engine 2 to a pressure of 35 ±5 psi (241 ±35 kPa). (a) Wait at least 3 minutes for the air pressure to stabilize.		
	SUBTASK 26-21-00-780-005	(12) Turn off the pressure source. (a) Record the stabilized air pressure. (b) Wait 2 minutes, then check the pressure. 1) Make sure the pressure loss during the 2 minute waiting period is not more than 1 psi. 2) If the pressure loss is more than 1 psi, do a check of the pressure source connections and the plugs used to seal the fire extinguishing nozzles. If they do not show any indication of leakage, then do a check of all fittings, seal surfaces, valves, and tubing in the discharge line. Repair the problems that you find.		
	SUBTASK 26-21-00-780-006	(13) Bleed the fire extinguishing plumbing to 0 psi and disconnect the pressure source at position 4.		
	SUBTASK 26-21-00-080-007	CAUTION: REMOVE THE PLUGS FROM THE FIRE EXTINGUISHING NOZZLES AT THE TWO ENGINES. DAMAGE TO EQUIPMENT CAN OCCUR IF YOU DO NOT REMOVE THE PLUGS.		
	(14) Remove the test equipment.			
	SUBTASK 26-21-00-420-005	(15) Connect the discharge tubes to the discharge outlets at positions 1 and 4.		

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-150-00-01
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WARNING: DO NOT GET THE CORROSION-INHIBITING COMPOUND ON YOUR SKIN, IN YOUR EYES, OR ON YOUR CLOTHES. THE COMPOUND IS POISONOUS AND FLAMMABLE. USE APPROVED GLOVES, AND EYE PROTECTION. MAKE SURE THAT THERE IS GOOD AIRFLOW IN THE WORK AREA. KEEP THE COMPOUND AWAY FROM SPARKS AND FLAMES. THE COMPOUND CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (a) Apply a layer of compound, D50004 to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.

- (b) Connect the tube assembly to the discharge head.

NOTE: Yellow is used to show the plumbing which supplies extinguishant to engine number 1. Blue is used to show the plumbing which supplies extinguishant to engine number 2.

- (c) Remove any unwanted compound.

- (d) At position 1, tighten the nut on the tube assembly to 450 ± 18 in-lb (51 ± 2 N·m).

- (e) At position 4, tighten the nut on the tube assembly to 360 ± 18 in-lb (41 ± 2 N·m).

SUBTASK 26-21-00-010-004

WARNING: OBEY THE INSTRUCTIONS IN THE PROCEDURE TO CLOSE THE THRUST REVERSERS. IF YOU DO NOT OBEY THE INSTRUCTIONS, INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (16) Do this task: Close the Thrust Reverser (Selection), AMM TASK 78-31-00-010-804-F00.

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-150-00-01
				MECH INSP
TASK 26-21-00-720-801				
2. Engine Fire Extinguishing Discharge Line Flow Test (Figure 1, Figure 2)				
A. General (1) The Engine Fire Extinguishing Discharge Line Flow Test checks the operation of the check valve, and makes sure there is nothing blocking the discharge lines.				
B. Engine Fire Extinguishing Discharge Line Flow Test				
SUBTASK 26-21-00-010-001				
WARNING: DO THESE SPECIFIED TASKS IN THE CORRECT SEQUENCE BEFORE YOU OPEN THE THRUST REVERSERS: RETRACT THE LEADING EDGE, DO THE DEACTIVATION PROCEDURES FOR THE LEADING EDGE AND THE THRUST REVERSERS (FOR GROUND MAINTENANCE), AND OPEN THE FAN COWL PANELS. IF YOU DO NOT OBEY THE ABOVE SEQUENCE, INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.				
(1) Do this task: Open the Thrust Reverser (Selection), AMM TASK 78-31-00-010-801-F00.				
SUBTASK 26-21-00-020-005				
(2) Remove the discharge tube from the discharge outlets on both engine fire bottles at positions 1 through 4.				
SUBTASK 26-21-00-480-001				
(3) Connect a pressure source, STD-1325 to the L fire bottle discharge line at position 2. (a) When connecting the test equipment to the discharge lines, do not let the test equipment hang from the discharge lines. (b) Give sufficient support to the test equipment during the flow test. (c) Make sure air is flowing through all the nozzles on the right engine. (d) Make sure little or no air is flowing through the R fire bottle discharge line at position 4.				
SUBTASK 26-21-00-080-002				
(4) Remove the pressure source from the L fire bottle discharge line at position 2.				
SUBTASK 26-21-00-480-002				
(5) Connect a pressure source, STD-1325 to the R fire bottle discharge line at position 4. (a) Make sure air is flowing through all the nozzles on the right engine. (b) Make sure little or no air is flowing through the L fire bottle discharge line at position 2.				
SUBTASK 26-21-00-080-003				
(6) Remove the pressure source from the R fire bottle discharge line at position 4.				
SUBTASK 26-21-00-480-003				
(7) Connect a pressure source, STD-1325 to the L fire bottle discharge line at position 1. (a) Make sure air is flowing through all the nozzles on the left engine. (b) Make sure little or no air is flowing through the R fire bottle discharge line at position 3.				
EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM		
		D633A109-AKS 26-150-00-01		
				Page 5 of 10 Oct 15/2014

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-150-00-01
				MECH INSP
SUBTASK 26-21-00-080-004	(8) Remove the pressure source from the L fire bottle discharge line at position 1.			
SUBTASK 26-21-00-480-004	(9) Connect a pressure source, STD-1325 to the R fire bottle discharge line at position 3.			
	(a) Make sure air is flowing through all the nozzles on the left engine.			
	(b) Make sure little or no air is flowing through the L fire bottle discharge line at position 1.			
SUBTASK 26-21-00-080-005	(10) Remove the pressure source from the R fire bottle discharge line at position 3.			
SUBTASK 26-21-00-420-004	(11) Connect the discharge tubes to the discharge outlets on both bottles positions 1 through 4.			
	(a) Apply a layer of compound, D50004 to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.			
	(b) Connect the tube assembly to the discharge head.			
	NOTE: Yellow is used to show the plumbing which supplies extinguishant to engine number 1. Blue is used to show the plumbing which supplies extinguishant to engine number 2.			
	(c) Remove any unwanted compound.			
	(d) At positions 1 and 3, tighten the nut on the tube assembly to 450 ± 18 in-lb (51 ± 2 N·m).			
	(e) At positions 2 and 4, tighten the nut on the tube assembly to 360 ± 18 in-lb (41 ± 2 N·m).			
SUBTASK 26-21-00-010-002	(12) Do this task: Close the Thrust Reverser (Selection), AMM TASK 78-31-00-010-804-F00.			
———— END OF TASK ——				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

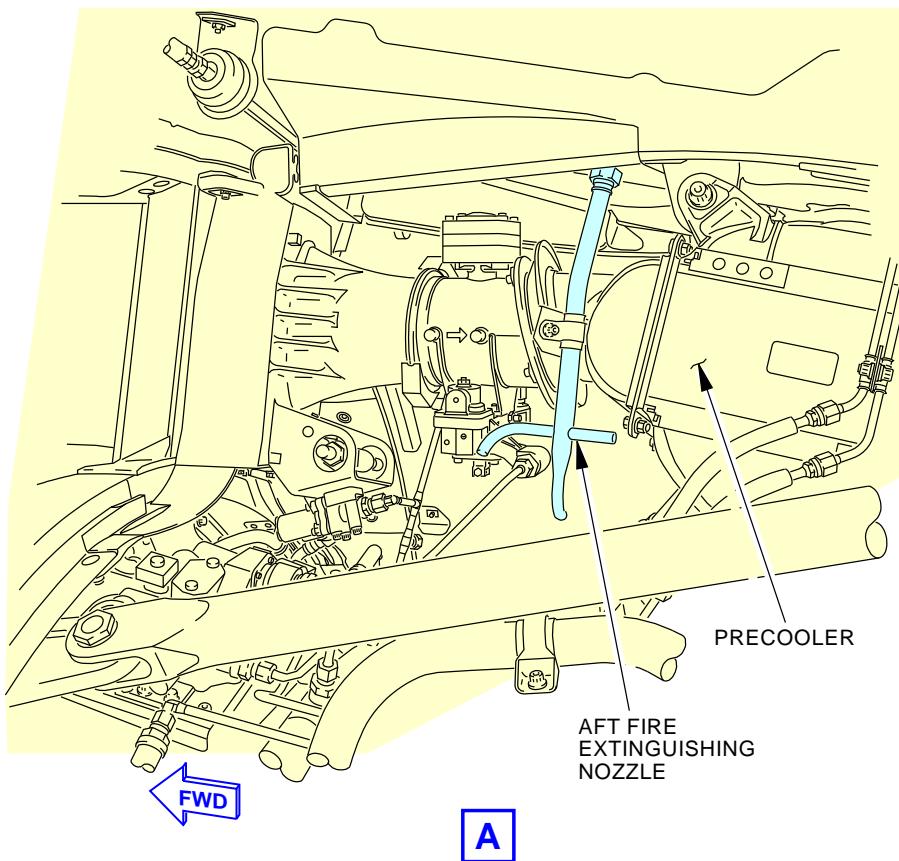
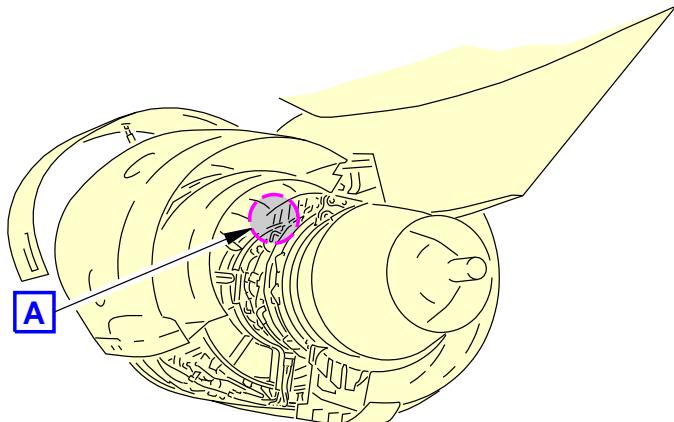
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-150-00-01

Engine Fire Extinguishing Test
Figure 1 (Sheet 1 of 2)

G28137 S0006568243_V3

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

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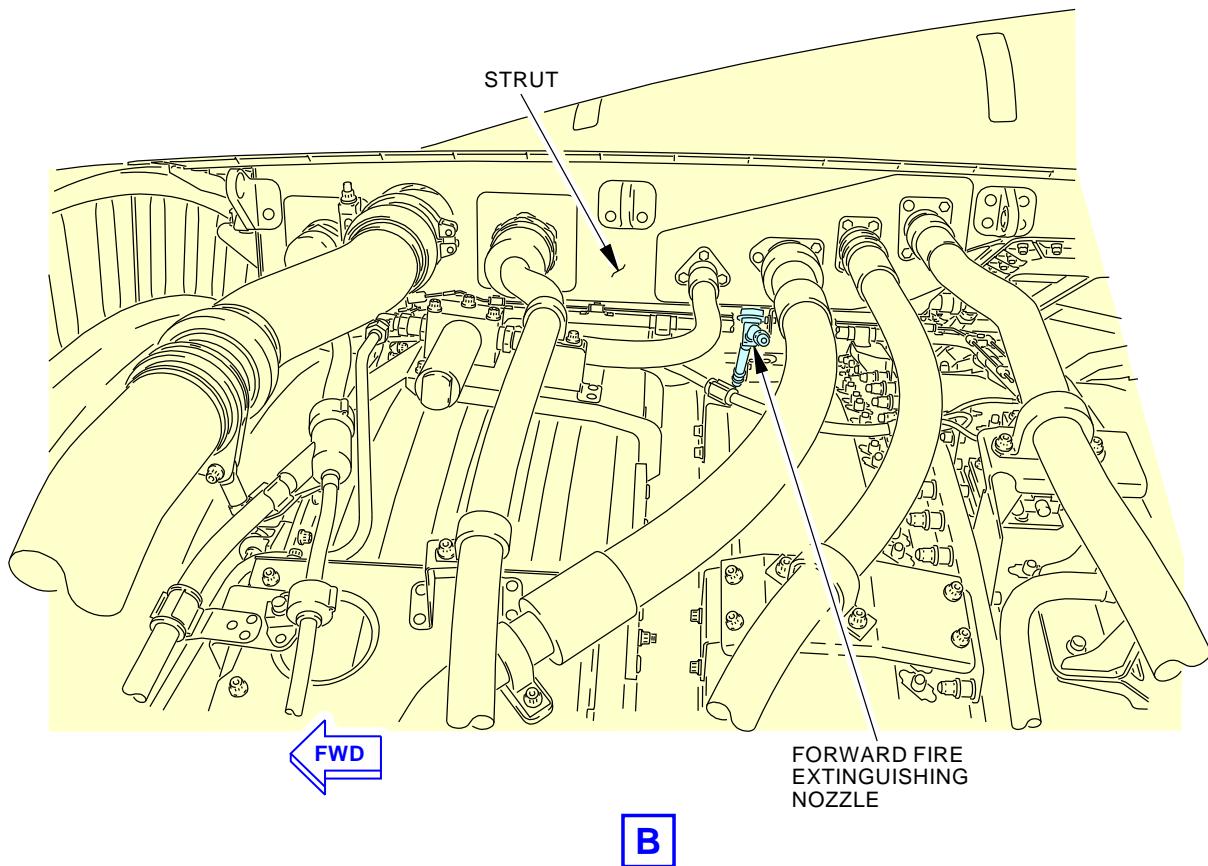
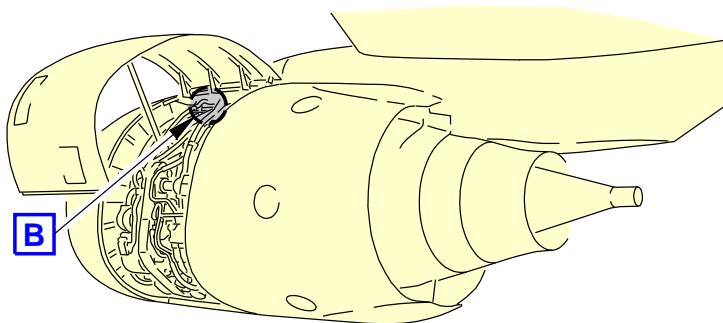
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-150-00-01

Engine Fire Extinguishing Test
Figure 1 (Sheet 2 of 2)

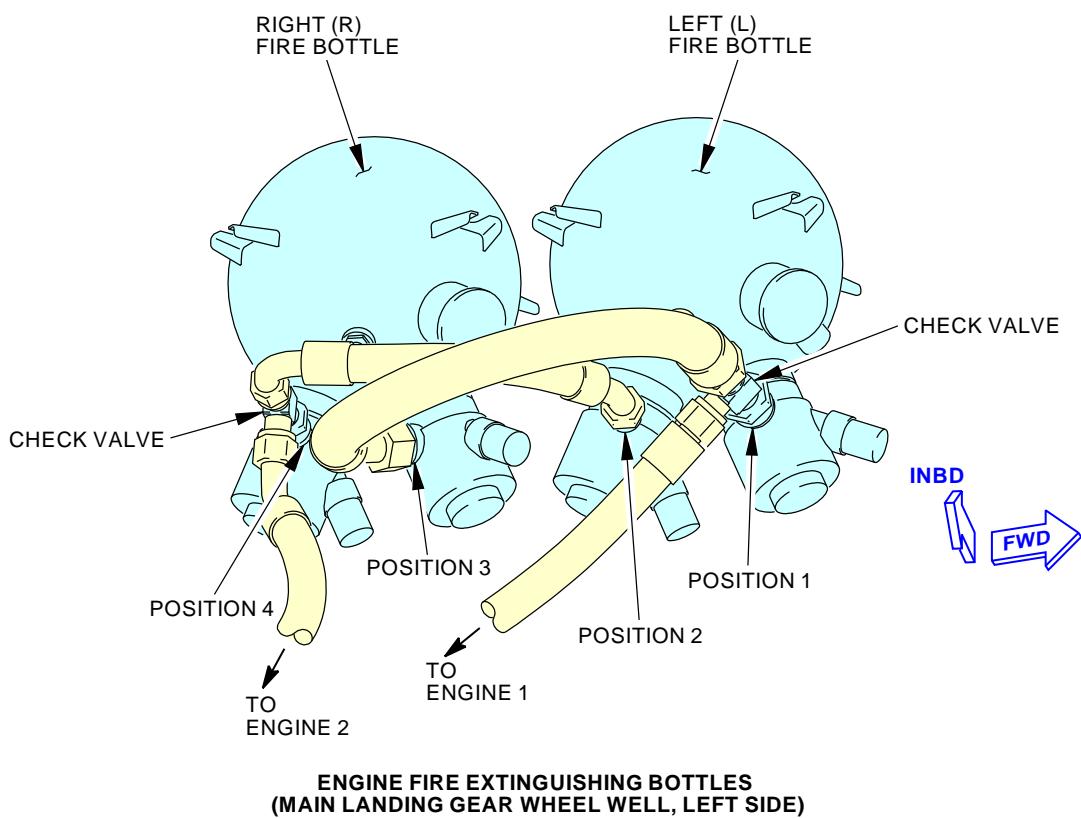
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EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-150-00-01
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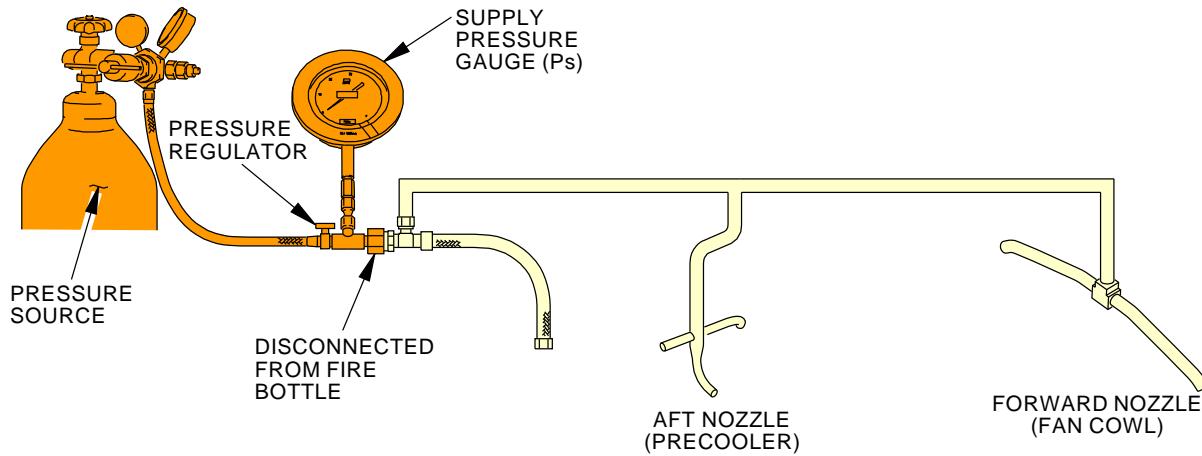
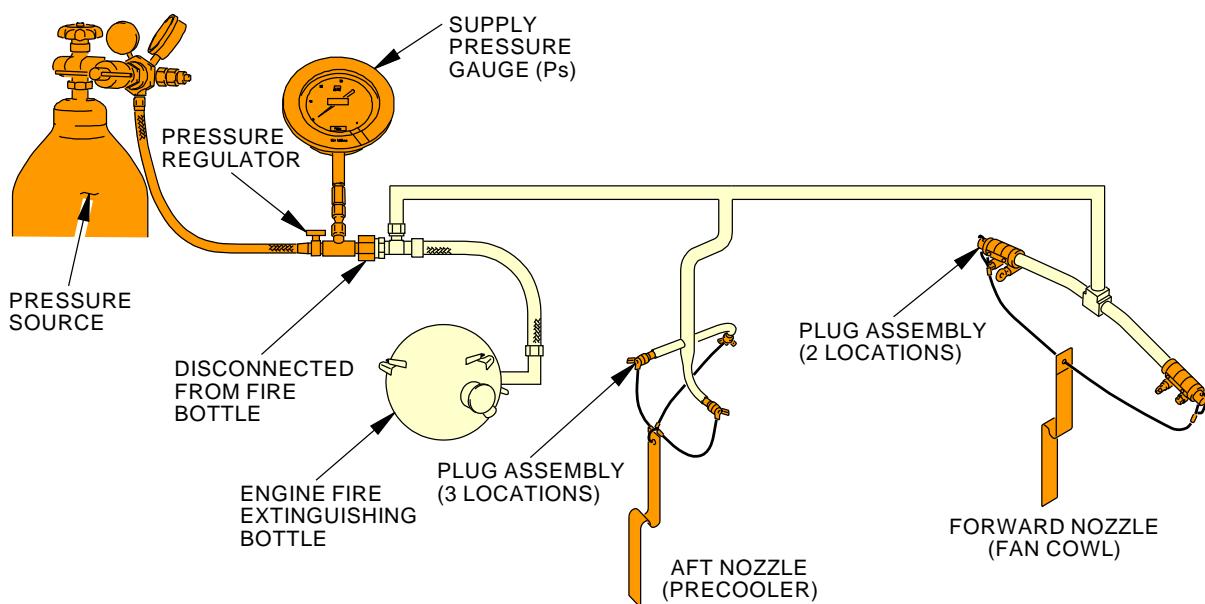
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**Test Setup
Figure 2 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

AKS737-600/700/800/900
TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-150-00-01
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**FLOW TEST****PRESSURE TEST**

K03773 S0006568246_V2

Test Setup
Figure 2 (Sheet 2 of 2)

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-150-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM			BOEING CARD NO.
DATE	TASK INSPECTION - GEN VISUAL				26-170-00-01 RELATED CARD
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ENGINE ALL ALL
		ACCESS 413 414 415 416 423 424 425 426			ZONE 133 411 421

General visual inspection of engine fire extinguisher distribution system (including extinguisher bottles).

A. References

Reference	Title
AMM 78-31-00-010-801-F00	Open the Thrust Reverser (Selection) (P/B 201)
AMM 78-31-00-010-804-F00	Close the Thrust Reverser (Selection) (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-170-00-01

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AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-170-00-01
				MECH INSP
TASK 26-21-01-210-801				
1. Engine Fire Extinguishing System Inspection				
(Figure 1)				
A. Prepare for Inspection				
SUBTASK 26-21-01-010-001				
WARNING: DO THESE SPECIFIED TASKS IN THE CORRECT SEQUENCE BEFORE YOU OPEN THE THRUST REVERSERS: RETRACT THE LEADING EDGE, DO THE DEACTIVATION PROCEDURES FOR THE LEADING EDGE AND THE THRUST REVERSERS (FOR GROUND MAINTENANCE), AND OPEN THE FAN COWL PANELS. IF YOU DO NOT OBEY THE ABOVE SEQUENCE, INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.				
(1) Do this task: Open the Thrust Reverser (Selection), AMM TASK 78-31-00-010-801-F00.				
B. Procedure				
SUBTASK 26-21-01-210-001				
(1) Make sure the fire bottles are not damaged.				
SUBTASK 26-21-01-210-002				
(2) Make sure the extinguisher tubes are not damaged.				
SUBTASK 26-21-01-210-003				
(3) Make sure the tubing outlets are free of obstructions.				
C. Put the Airplane Back to Its Usual Condition				
SUBTASK 26-21-01-010-002				
WARNING: OBEY THE INSTRUCTIONS IN THE PROCEDURE TO CLOSE THE THRUST REVERSERS. IF YOU DO NOT OBEY THE INSTRUCTIONS, INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.				
(1) Do this task: Close the Thrust Reverser (Selection), AMM TASK 78-31-00-010-804-F00.				
———— END OF TASK ——				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
	D633A109-AKS 26-170-00-01	Page 2 of 6 Feb 15/2015

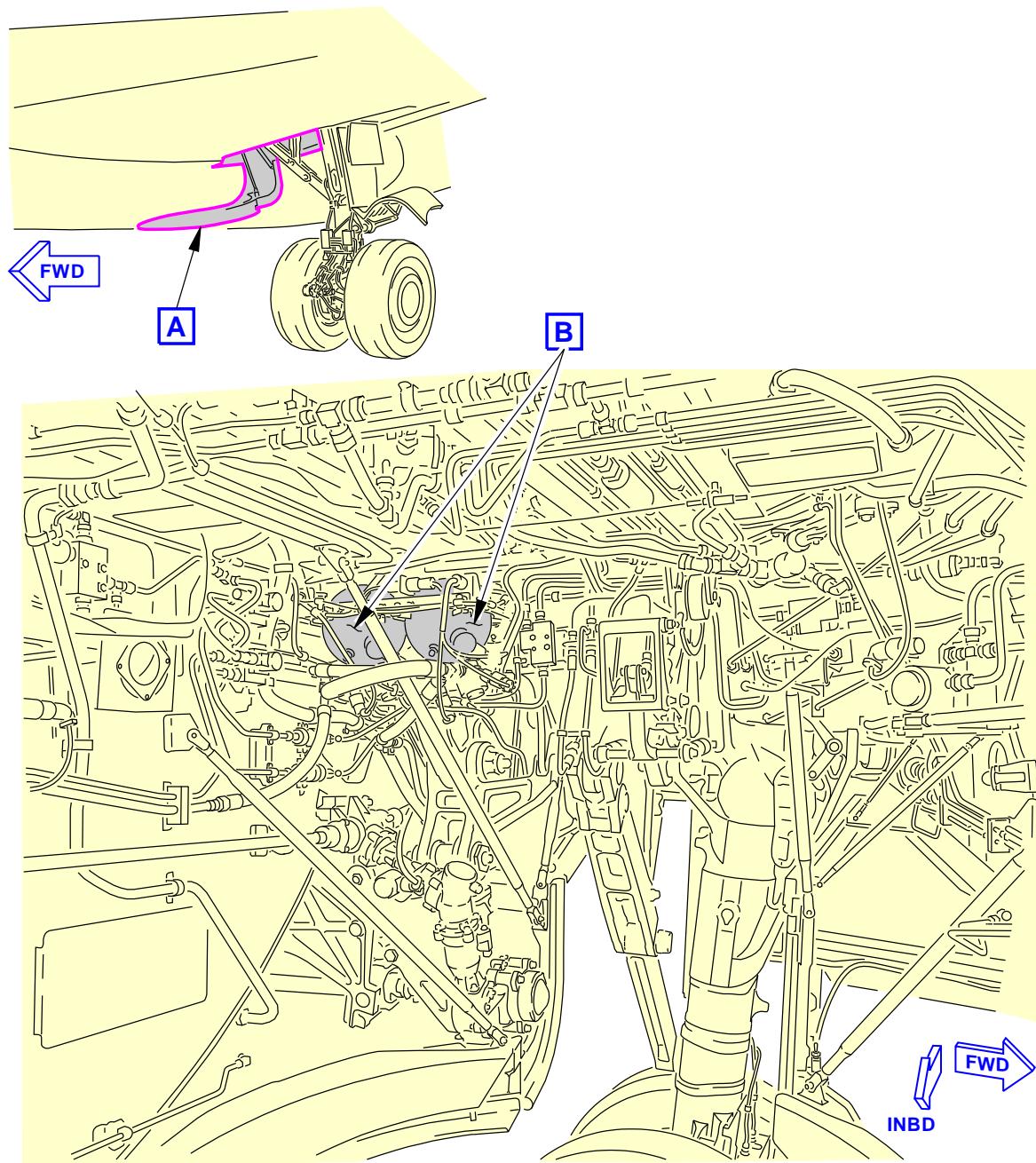
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

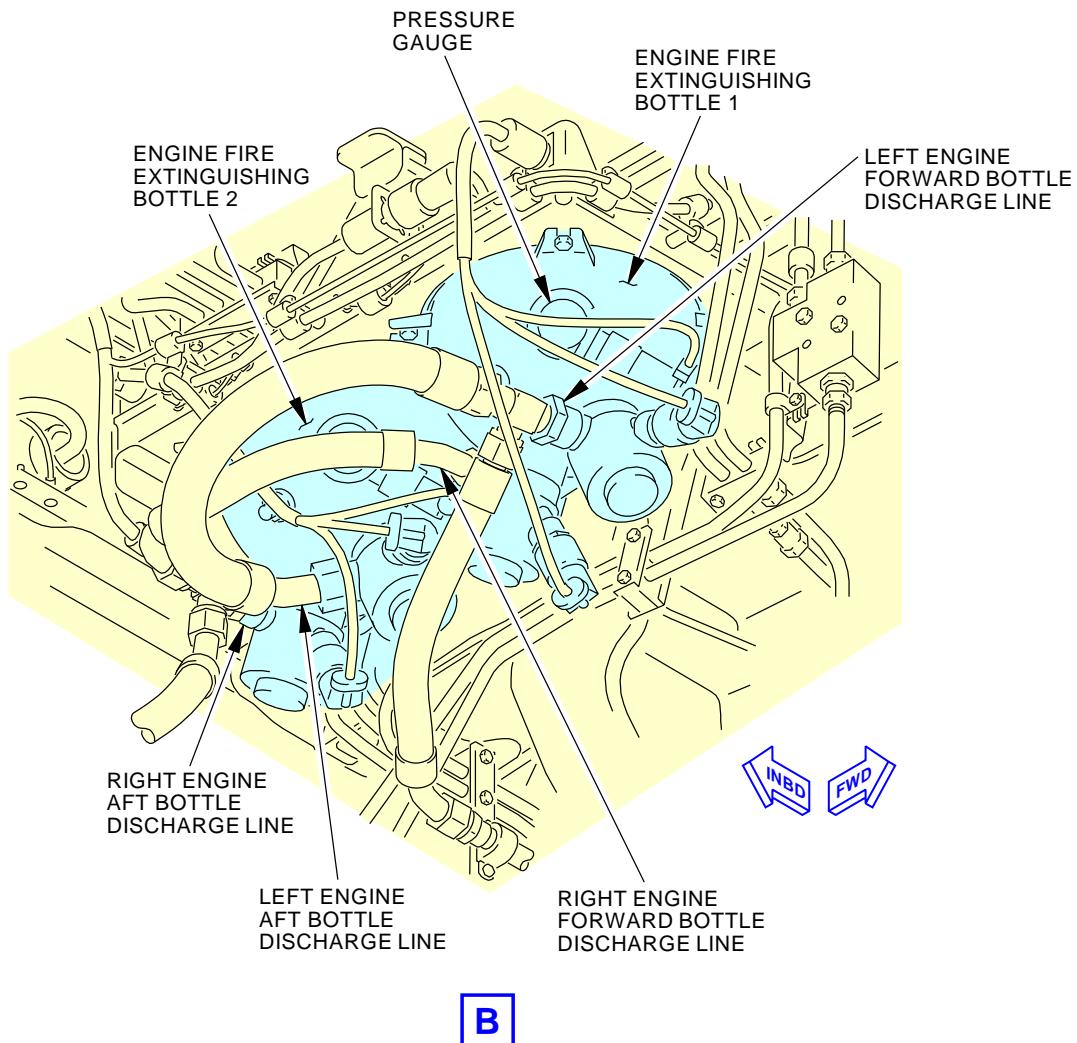
BOEING CARD NO.
26-170-00-01**MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)****A****Engine Fire Extinguishing Bottle Inspection
Figure 1 (Sheet 1 of 4)**

H58750 S0006568259_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM****D633A109-AKS
26-170-00-01****Page 3 of 6
Jun 15/2015**

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-170-00-01
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**Engine Fire Extinguishing Bottle Inspection
Figure 1 (Sheet 2 of 4)**

H58755 S0006568260_V3

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-170-00-01

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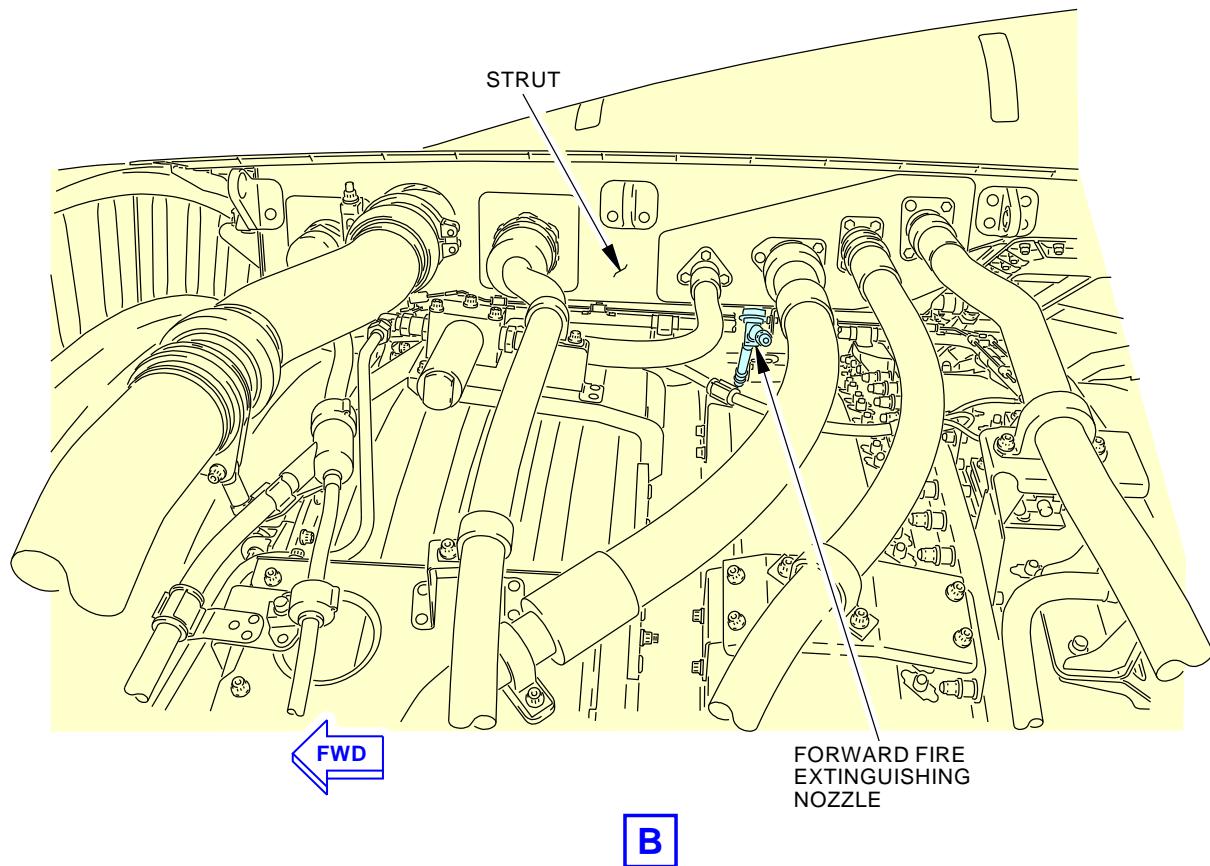
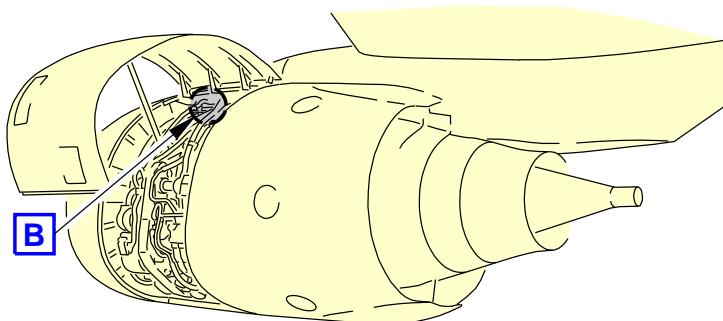
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-170-00-01

Engine Fire Extinguishing Bottle Inspection
Figure 1 (Sheet 3 of 4)

G28064 S0006568244_V3

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-170-00-01

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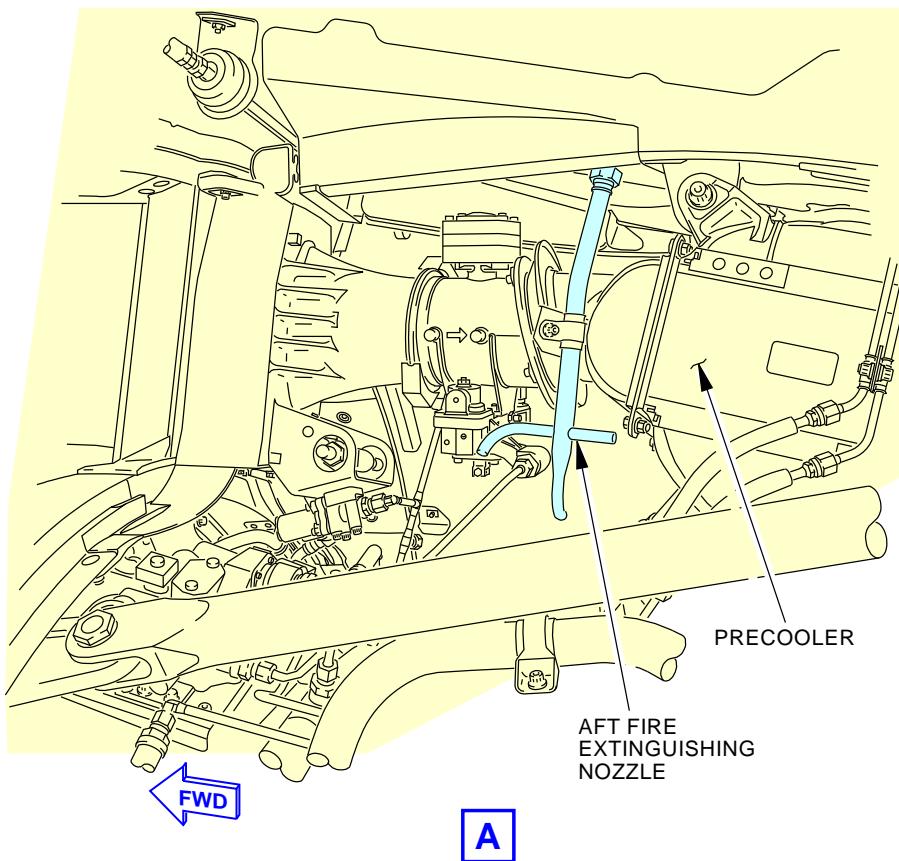
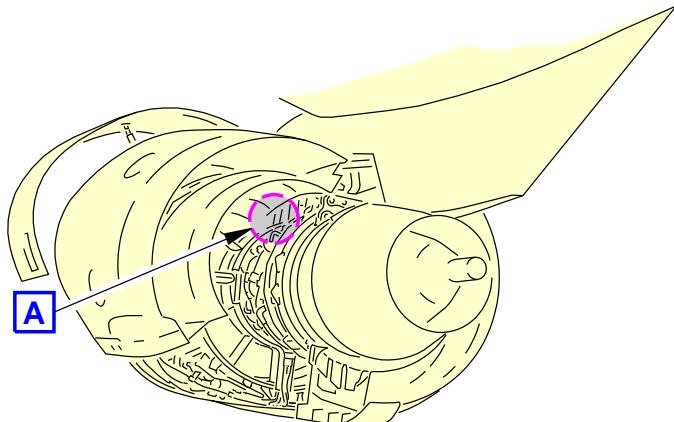
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-170-00-01

G28137 S0006568243_V3

**Engine Fire Extinguishing Bottle Inspection
Figure 1 (Sheet 4 of 4)**

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-170-00-01

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Oct 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE APU FIRE BOTTLE SQUIB			BOEING CARD NO.
DATE	TASK REPLACE				26-210-00-01
TAIL NUMBER	WORK AREA TAIL CONE	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD
STATION	SKILL AIRPL	ACCESS 311BL			APPLICABILITY AIRPLANE ALL ENGINE ALL
					ZONE 311

Replace APU fire bottle squib.

INTERVAL NOTE: At vendors recommendation.**A. References**

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)

B. Consumable Materials

Reference	Description	Specification
D00652	Lubricant - O-Ring - Parker Super-O-Lube	
D50287	Lubricant - O-Ring, Drilube 822	MMS-N306A
G02392 [P05-262]	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8121 mm) Diameter	NASM20995

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536
STD-1079	Resistor - 10K Ohm or Greater

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE SQUIB
		D633A109-AKS 26-210-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-210-00-01
TASK 26-22-02-000-801				MECH INSP
1. APU Fire Extinguishing Bottle Squib Removal (Figure 1)				
A. General				
(1) This task gives instructions to remove the APU Fire Extinguishing Bottle Squib.				
(2) The APU fire extinguishing squibs are installed on the fire extinguishing bottle. The APU fire extinguishing bottle is installed forward of the APU fire wall.				
(a) There are two fire extinguishing squibs on the bottle.				
(b) One is not used and has a protective cap installed.				
B. Expendables/Parts				
AMM Item	Description		AIPC Reference	AIPC Effectivity
3	Squib		26-22-01-01-080	AKS ALL
4	Squib		26-21-60-01-060	AKS ALL
			26-22-01-01-085	AKS ALL
5	O-ring		26-22-01-01-077	AKS ALL
C. Prepare For the Removal				
SUBTASK 26-22-02-860-001				
(1) Open these circuit breakers and install safety tags:				
F/O Electrical System Panel, P6-2				
Row	Col	Number	Name	
B	19	C01344	APU FIRE SW POWER	
B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU	
F/O Electrical System Panel, P6-4				
Row	Col	Number	Name	
A	14	C00033	AUX POWER UNIT CONT	
SUBTASK 26-22-02-010-003				
(2) Open this access door:				
Number	Name/Location			
311BL	Stabilizer Trim Access Door			
D. APU Fire Extinguishing Bottle Squib Removal				
SUBTASK 26-22-02-020-001				
(1) Do these steps to remove the connected squib:				
(a) Disconnect the electrical connector [1] from the squib [3].				
WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.				
(b) Put a protective cover [2] on the squib [3].				

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE SQUIB	
		D633A109-AKS 26-210-00-01	Page 2 of 7 Feb 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-210-00-01
------	-------------	---------	------------------	--

- (c) Remove the squib [3] from the discharge head.
 1) If necessary, remove the squib [4] from the discharge head.
(d) Discard the old O-ring [5] from the removed squib/s.

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE SQUIB
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**D633A109-AKS
26-210-00-01**

**Page 3 of 7
Feb 15/2015**

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-210-00-01																				
				MECH INSP																				
TASK 26-22-02-400-801																								
2. APU Fire Extinguishing Bottle Squib Installation																								
(Figure 1)																								
A. Expendables/Parts																								
<table border="1"> <thead> <tr> <th>AMM Item</th> <th>Description</th> <th>AIPC Reference</th> <th>AIPC Effectivity</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Squib</td> <td>26-22-01-01-080</td> <td>AKS ALL</td> </tr> <tr> <td>4</td> <td>Squib</td> <td>26-21-60-01-060</td> <td>AKS ALL</td> </tr> <tr> <td></td> <td></td> <td>26-22-01-01-085</td> <td>AKS ALL</td> </tr> <tr> <td>5</td> <td>O-ring</td> <td>26-22-01-01-077</td> <td>AKS ALL</td> </tr> </tbody> </table>				AMM Item	Description	AIPC Reference	AIPC Effectivity	3	Squib	26-22-01-01-080	AKS ALL	4	Squib	26-21-60-01-060	AKS ALL			26-22-01-01-085	AKS ALL	5	O-ring	26-22-01-01-077	AKS ALL	
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4	Squib	26-21-60-01-060	AKS ALL																					
		26-22-01-01-085	AKS ALL																					
5	O-ring	26-22-01-01-077	AKS ALL																					
B. Prepare for the Installation																								
SUBTASK 26-22-02-860-002																								
(1) Make sure that these circuit breakers are open and have safety tags:																								
F/O Electrical System Panel, P6-2																								
<table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>19</td> <td>C01344</td> <td>APU FIRE SW POWER</td> </tr> <tr> <td>B</td> <td>21</td> <td>C00452</td> <td>FIRE PROTECTION EXTINGUISHERS APU</td> </tr> </tbody> </table>				Row	Col	Number	Name	B	19	C01344	APU FIRE SW POWER	B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU									
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B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU																					
F/O Electrical System Panel, P6-4																								
<table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14</td> <td>C00033</td> <td>AUX POWER UNIT CONT</td> </tr> </tbody> </table>				Row	Col	Number	Name	A	14	C00033	AUX POWER UNIT CONT													
Row	Col	Number	Name																					
A	14	C00033	AUX POWER UNIT CONT																					
C. APU Fire Extinguishing Bottle Squib Installation																								
SUBTASK 26-22-02-420-001																								
(1) Do these steps to install the squib in the fire extinguishing bottle:																								
<p><u>WARNING:</u> DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.</p>																								
<p>(a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:</p> <ul style="list-style-type: none"> • ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802. • ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802. 																								
<p>(b) Lubricate a new O-ring [5] with O-ring lubricant, D50287 or Parker Super-O-Lube lubricant, D00652 and put it on the squib [3].</p>																								
<p>(c) Install the squib [3] in the fire bottle.</p> <ol style="list-style-type: none"> 1) Torque the squib [3] to 90 in-lb (10.2 N·m) – 100 in-lb (11.3 N·m). 2) Install MS20995C32 lockwire, G02392 [P05-262], between the squib [3] and the discharge outlet. 																								
<p>(d) Remove the protective cover [2] from the squib [3].</p>																								

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE SQUIB	
		D633A109-AKS 26-210-00-01	Page 4 of 7 Feb 15/2016

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-210-00-01
				MECH INSP
SUBTASK 26-22-02-700-001				
<p>WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.</p> <p>(2) Do this to make sure that there is no stray voltage at the electrical squib connector:</p>				
Fire Bottle Squib Electrical Connector				
	Engine	APU	Cargo	
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2	
<ul style="list-style-type: none"> (a) Connect the digital/analog multimeter, COM-1793, across the two pins. (b) Make sure that the current is less than 5 mA. (c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter. 				
SUBTASK 26-22-02-420-002				
<p>(3) Connect the electrical connector [1] to the squib [3].</p> <p><u>NOTE:</u> The squib pins can cause damage to the electrical connector if the pins do not correctly engage the electrical connector.</p>				
SUBTASK 26-22-02-420-003				
<p>(4) If squib [4] was removed, lubricate and install a new O-ring [5] on the squib [4] and install the squib in the fire bottle.</p> <ul style="list-style-type: none"> (a) Torque the squib [4] to 90 in-lb (10.2 N·m) – 100 in-lb (11.3 N·m). (b) Install MS20995C32 lockwire, G02392 [P05-262], between the squib [4] and discharge outlet. <p>(5) Make sure a protective cap is installed on squib [4].</p>				
SUBTASK 26-22-02-860-003				
<p>(6) Remove the safety tags and close these circuit breakers:</p>				
F/O Electrical System Panel, P6-2				
Row	Col	Number	Name	
B	19	C01344	APU FIRE SW POWER	
B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU	
F/O Electrical System Panel, P6-4				
Row	Col	Number	Name	
A	14	C00033	AUX POWER UNIT CONT	
<p>D. APU Fire Extinguishing Bottle Squib Installation Test</p>				
SUBTASK 26-22-02-740-001				
<p>(1) Set the EXT TEST switch on the P8-1 panel to 1.</p>				

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE SQUIB	
		D633A109-AKS 26-210-00-01	Page 5 of 7 Feb 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-210-00-01
(a) Make sure the APU light comes on. <u>NOTE:</u> The L and R lights will also come on. SUBTASK 26-22-02-740-002 (2) Set the EXT TEST switch on the P8-1 panel to 2. (a) Make sure the APU light comes on. <u>NOTE:</u> The L and R lights will also come on.				MECH INSP

E. Put the Airplane Back to Its Usual Condition

SUBTASK 26-22-02-010-002

- (1) Close this access door:

Number Name/Location

311BL Stabilizer Trim Access Door

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE SQUIB
		D633A109-AKS 26-210-00-01

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Feb 15/2015

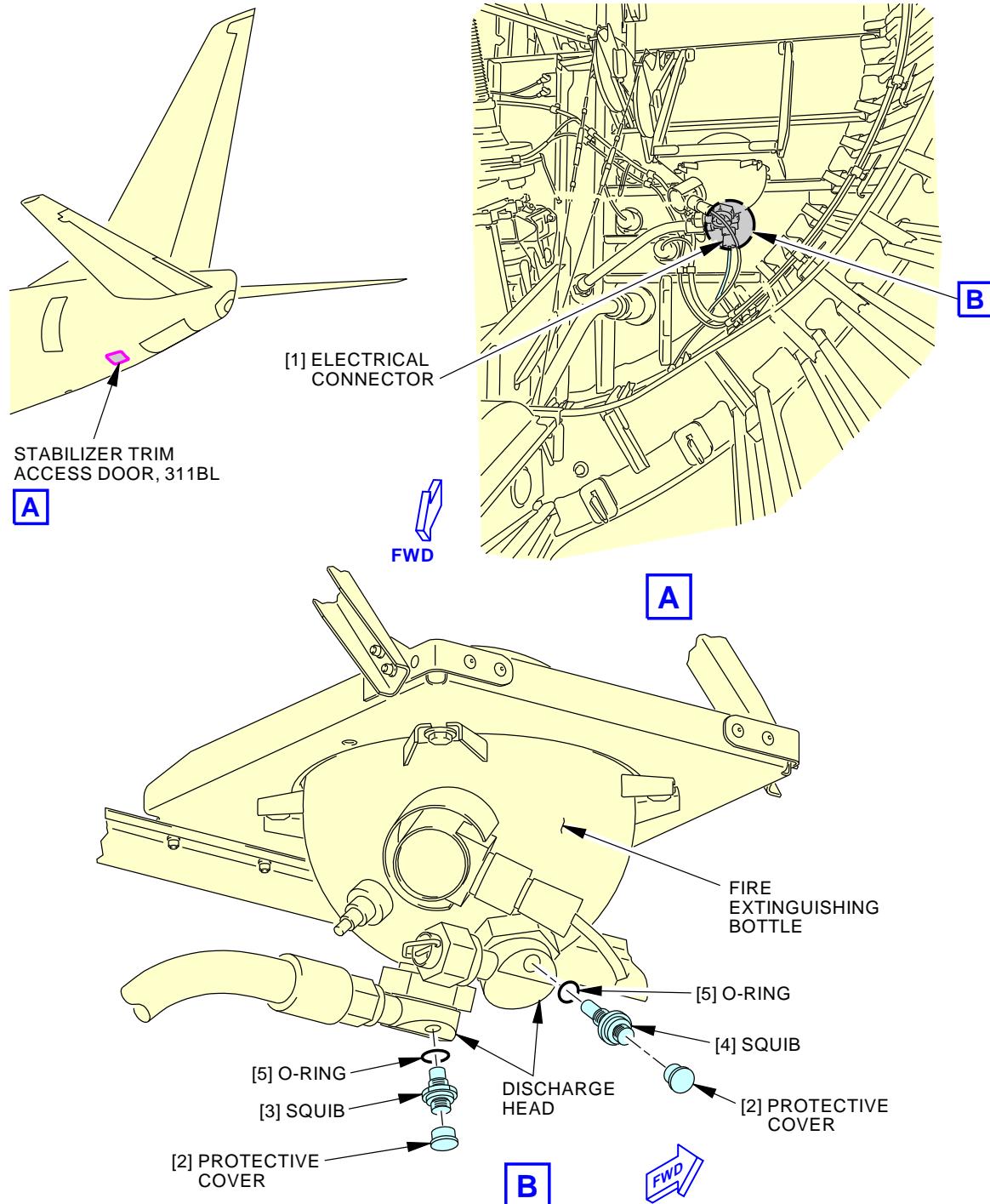
AKS737-600/700/800/900
TASK CARDS

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-210-00-01

F69059 S0006568290_V3

Auxiliary Power Unit (APU) Fire Extinguishing Bottle Squib Installation
Figure 1

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE SQUIB
		D633A109-AKS 26-210-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-220-00-01
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	RELATED CARD
STATION	SKILL ELEC				APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS 311BL 315A			ZONE 210 311

Functional check of the APU squib firing circuit using the APU fire handle switch and verify squib circuit continuity.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 49-11-00-860-802	APU Usual Shutdown (P/B 201)

B. Consumable Materials

Reference	Description	Specification
G50414	Lockwire - MS20995CY15, Copper - 0.015 Inch (0.381 mm) Diameter	NASM20995

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-220-00-01

AKS**737-600/700/800/900****TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
(Continued)				
Reference	Description			
SPL-10039	Cable Assy - Fire Extinguishing System Test Equipment - 737-300/400/500/600/700/800/900 Part #: F80229-20 Supplier: 81205 Part #: F80229-48 Supplier: 81205 Part #: F80229-59 Supplier: 81205 Part #: F80229-61 Supplier: 81205			
SPL-10040	Shorting Plug - Fire Extinguishing System Test Equipment - 737-300/400/500/600/700/800/900 Part #: F80229-52 Supplier: 81205			
SPL-1655	Equipment - Test, APU/Engine Fire Detection System Part #: C26005-1 Supplier: 81205			
SPL-1663	Test Equipment - Fire Extinguishing System Part #: F80229-69 Supplier: 81205 Opt Part #: F80229-15 Supplier: 81205			
STD-1079	Resistor - 10K Ohm or Greater			
EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT		
		D633A109-AKS		
		26-220-00-01		
		Page 2 of 10 Feb 15/2015		

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-220-00-01
				MECH INSP
TASK 26-22-00-730-801				
1. APU Fire Extinguishing Bottle Squib Circuit Test				
(Figure 1)				
A. Prepare for the Test				
SUBTASK 26-22-00-860-001				
(1) Open this circuit breaker and install safety tag:				
F/O Electrical System Panel, P6-2				
Row Col Number Name				
B 21 C00452 FIRE PROTECTION EXTINGUISHERS APU				
SUBTASK 26-22-00-860-027				
(2) Open this access panel:				
Number Name/Location				
311BL Stabilizer Trim Access Door				
SUBTASK 26-22-00-020-001				
WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.				
(3) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:				
• ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802.				
• ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802.				
(4) Disconnect electrical connector D594 from the squib.				
SUBTASK 26-22-00-020-002				
WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.				
(5) Install a fire extinguishing test set shorting plug, SPL-10040, to the squib.				
SUBTASK 26-22-00-860-002				
(6) Remove the safety tag and close this circuit breaker:				
F/O Electrical System Panel, P6-2				
Row Col Number Name				
B 21 C00452 FIRE PROTECTION EXTINGUISHERS APU				
SUBTASK 26-22-00-480-001				
(7) Set the toggle switch on Fire System Test Equipment, SPL-1663, to ON.				
SUBTASK 26-22-00-760-001				
(8) Measure the resistance (RL) of the test box with a digital/analog multimeter, COM-1793, connected to the voltmeter jacks.				

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT	
		D633A109-AKS 26-220-00-01	Page 3 of 10 Feb 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-220-00-01			
				<table border="1"><tr><td>(a) Write down the value of RL.</td><td>MECH</td><td>INSP</td></tr></table>	(a) Write down the value of RL.	MECH	INSP
(a) Write down the value of RL.	MECH	INSP					

SUBTASK 26-22-00-480-002

(9) Set the toggle switch on the test box to OFF.

SUBTASK 26-22-00-480-003

(10) Set the multimeter to read DC volts.

SUBTASK 26-22-00-480-004

(11) Connect the applicable fire extinguishing test set cable assembly, SPL-10039, to the connector on the test box.

NOTE: Look at the placard on the test box lid to determine the applicable adapter.

B. APU Fire Extinguishing Bottle Squib Circuit Test

SUBTASK 26-22-00-730-001

(1) Push the manual override button and pull the APU fire handle on the P8-1 panel.

SUBTASK 26-22-00-480-005

(2) Connect the adapter cable to the squib electrical connector.

SUBTASK 26-22-00-860-020

(3) Turn the APU fire handle in the CW (Clockwise) direction.

(a) Make sure the BOTTLE DISCHARGE light on the test box comes on.

(b) Write down the voltage shown on the multimeter as (V₁).

(c) Set the switch on the test box to ON.

(d) Write down the voltage shown on the multimeter as (V₂).

SUBTASK 26-22-00-860-021

(4) Release the fire handle.

(a) Make sure the handle moves toward the center 10°arc (0.2 rad).

(b) Make sure the multimeter shows 0 (±2) V (volts).

SUBTASK 26-22-00-760-002

(5) Calculate the resistance R_C of the squib discharge circuit using this formula:
$$R_C = RL(V_1/V_2) - RL$$

(a) Make sure R_C is less than or equal to 5 ohms.

NOTE: If R_C is more than 5 ohms, the circuit can not supply enough current to fire the squib cartridge.

SUBTASK 26-22-00-860-022

(6) Turn the APU fire handle in the CCW (Counterclockwise) direction.

(a) Make sure the BOTTLE DISCHARGE light on the test box comes on.

(b) Write down the voltage shown on the multimeter as (V₁).

(c) Set the switch on the test box to ON.

(d) Write down the voltage shown on the multimeter as (V₂).

SUBTASK 26-22-00-860-023

(7) Release the fire handle.

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT	
		D633A109-AKS 26-220-00-01	Page 4 of 10 Feb 15/2015

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-220-00-01						
				MECH INSP						
<p>(a) Make sure the handle moves toward the center 10°arc (0.2 rad).</p> <p>(b) Make sure the multimeter shows 0 (± 2) V.</p> <p>SUBTASK 26-22-00-760-003</p> <p>(8) Calculate the resistance R_C of the squib discharge circuit using this formula: $R_C = RL(V_1/V_2) - RL$.</p> <p>(a) Make sure R_C is less than or equal to 5 ohms.</p> <p><u>NOTE:</u> If R_C is more than 5 ohms, the circuit can not supply enough current to fire the squib cartridge.</p> <p>(9) Return the APU fire handle to its usual (stowed) position.</p>										
<p>C. Do a check of the APU fire bottle squib circuit using the remote APU control panel</p> <p>SUBTASK 26-22-00-730-002</p> <p>(1) Pull the handle on the P28 remote APU control panel, in the right main gear wheel well.</p> <p>SUBTASK 26-22-00-860-024</p> <p>(2) Push and hold the BOTTLE DISCHARGE toggle switch.</p> <p>(a) Make sure the BOTTLE DISCHARGE light on the test box comes on.</p> <p>(b) Write down the voltage shown on the multimeter as (V_1).</p> <p>(c) Set the switch on the test box to ON.</p> <p>(d) Write down the voltage shown on the multimeter as (V_2).</p> <p>SUBTASK 26-22-00-860-025</p> <p>(3) Release the BOTTLE DISCHARGE toggle switch.</p> <p>(a) Make sure the multimeter shows 0 (± 2) V.</p> <p>SUBTASK 26-22-00-760-004</p> <p>(4) Calculate the resistance R_C of the squib discharge circuit using this formula: $R_C = RL(V_1/V_2) - RL$.</p> <p>(a) Make sure R_C is less than or equal to 5 ohms.</p> <p><u>NOTE:</u> If R_C is more than 5 ohms, the circuit can not supply enough current to fire the squib cartridge.</p> <p>SUBTASK 26-22-00-720-001</p> <p>(5) Put the handle on the P28 remote APU control panel in the usual position.</p>										
<p>D. Do a check of the automatic extinguishing function for the APU fire bottle</p> <p>SUBTASK 26-22-00-860-026</p> <p>(1) Make sure the APU is not running APU Usual Shutdown, AMM TASK 49-11-00-860-802.</p> <p>SUBTASK 26-22-00-010-001</p> <p>(2) To get access to the APU Compartment, do this step: Open these access panels:</p> <table> <thead> <tr> <th><u>Number</u></th> <th><u>Name/Location</u></th> </tr> </thead> <tbody> <tr> <td>311BL</td> <td>Stabilizer Trim Access Door</td> </tr> <tr> <td>315A</td> <td>APU Cowl Door</td> </tr> </tbody> </table>					<u>Number</u>	<u>Name/Location</u>	311BL	Stabilizer Trim Access Door	315A	APU Cowl Door
<u>Number</u>	<u>Name/Location</u>									
311BL	Stabilizer Trim Access Door									
315A	APU Cowl Door									

EFFECTIVITY
AKS ALLSOURCE
MRB**APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT**D633A109-AKS
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-220-00-01
				MECH INSP
	SUBTASK 26-22-00-480-006			
(3)	Connect the test box equipment, SPL-1655, to the terminal lug of the APU LOWER Fire Detector, M1756, and airplane ground.			
(a)	Make sure all the toggle switches on the test box are in the NORMAL positions.			
(b)	Connect one alligator clip to the responder bracket or to a grounding lug.			
(c)	Connect the other alligator clip to the responder lug.			
	SUBTASK 26-22-00-760-005			
(4)	Make sure the multimeter shows 0 (± 2) V.			
	SUBTASK 26-22-00-760-006			
(5)	On the equipment, SPL-1655 test box, move the APU LOOP FIRE switches to the FIRE position.			
(a)	After 10 seconds, make sure the BOTTLE DISCHARGE light on the Fire System Test Equipment, SPL-1663 test box, comes on.			
(b)	Write down the voltage shown on the multimeter as (V_1).			
(c)	Set the switch on the Fire System Test Equipment, SPL-1663 test box, to ON.			
(d)	Write down the voltage shown on the multimeter as (V_2).			
	SUBTASK 26-22-00-760-007			
(6)	Calculate the resistance R_C of the squib discharge circuit using this formula: $R_C = RL(V_1/V_2) - RL$			
(a)	Make sure R_C is less than or equal to 5 ohms.			
	<u>NOTE:</u> If R_C is more than 5 ohms, the circuit can not supply enough current to fire the squib cartridge.			
	SUBTASK 26-22-00-760-008			
(7)	On the equipment, SPL-1655 test box, move the APU LOOP FIRE switches to the NORMAL position.			
	SUBTASK 26-22-00-080-002			
(8)	Disconnect the equipment, SPL-1655 test box, from the terminal lug of the APU Fire Detector, M1756, and the airplane ground.			
	SUBTASK 26-22-00-410-001			
(9)	Close this access panel: <u>Number</u> <u>Name/Location</u> 311BL Stabilizer Trim Access Door			
E. Return the Airplane to its Usual Condition.				
	SUBTASK 26-22-00-080-003			
(1)	Disconnect the Fire System Test Equipment, SPL-1663 test box, from the squib connector.			
	SUBTASK 26-22-00-430-001			
(2)	Install MS20995CY15 lockwire, G50414, on the bottle discharge switch on the APU remote fire panel.			

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT	
		D633A109-AKS 26-220-00-01	Page 6 of 10 Jun 15/2015

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**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-220-00-01
------	-------------	---------	------------------	--

SUBTASK 26-22-00-865-001

- (3) Open this circuit breaker and install safety tag:

F/O Electrical System Panel, P6-2
Row Col Number Name

B 21 C00452 FIRE PROTECTION EXTINGUISHERS APU

MECH

INSP

SUBTASK 26-22-00-090-001

- (4) Remove the protective cap from the squibs.

SUBTASK 26-22-00-700-001

WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.

- (5) Do this to make sure that there is no stray voltage at the electrical squib connector:

Fire Bottle Squib Electrical Connector

	Engine	APU	Cargo
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2

- (a) Connect the digital/analog multimeter, COM-1793, across the two pins.
- (b) Make sure that the current is less than 5 mA.
- (c) Connect a resistor, STD-1079, across the multimeter probes.
- (d) Make sure that the voltage is less than .250 V.
- (e) If necessary, repeat the steps above for the other squib electrical connectors.
- (f) Disconnect the multimeter.

SUBTASK 26-22-00-430-002

- (6) Connect the D594 to the squib.

SUBTASK 26-22-00-410-004

- (7) Close these access panels:

Number Name/Location

311BL Stabilizer Trim Access Door

315A APU Cowl Door

SUBTASK 26-22-00-865-002

- (8) Remove the safety tag and close this circuit breaker:

F/O Electrical System Panel, P6-2
Row Col Number Name

B 21 C00452 FIRE PROTECTION EXTINGUISHERS APU

SUBTASK 26-22-00-710-004

- (9) Set the EXT TEST switch to 1.

- (a) Make sure the APU light comes on.

NOTE: The L and R lights should also come on.

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-220-00-01

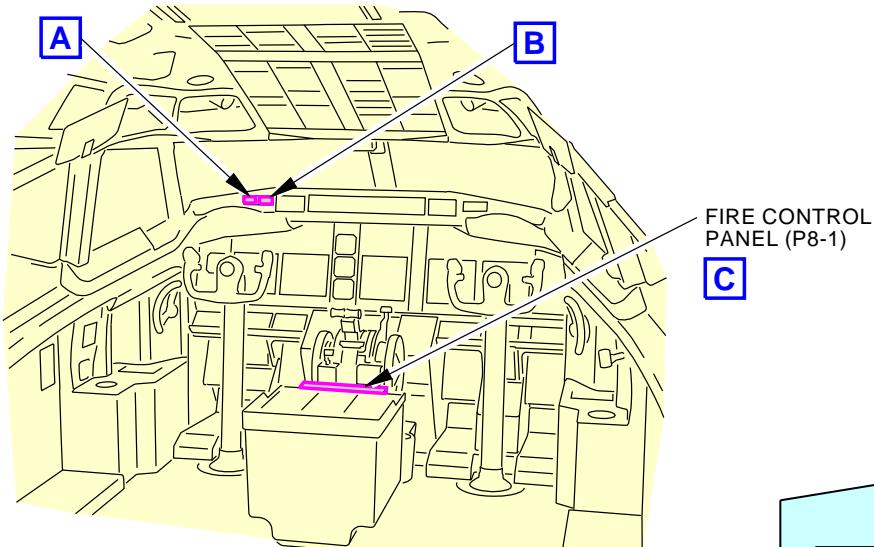
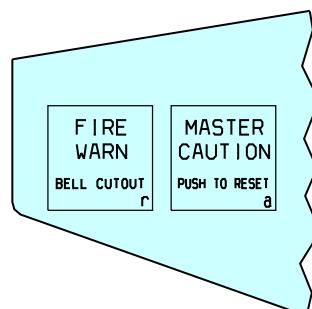
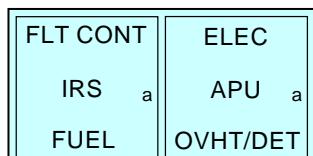
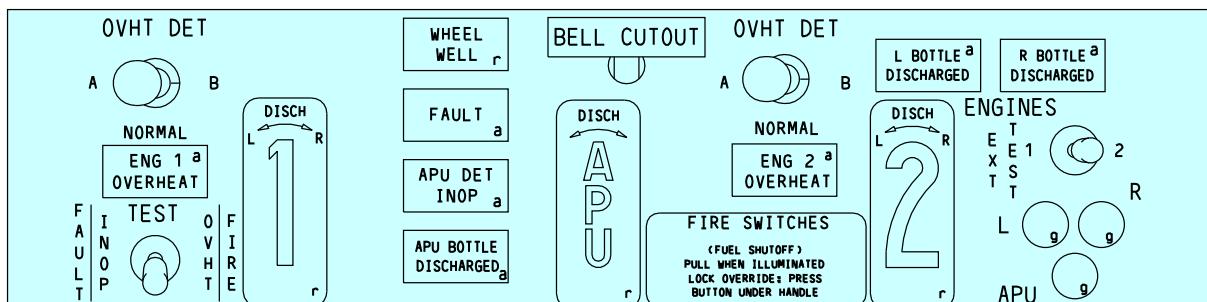
AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-220-00-01
				MECH INSP
SUBTASK 26-22-00-710-005				
(10) Set the EXT TEST switch to 2.				
(a) Make sure the APU light comes on.				
<u>NOTE:</u> The L and R lights should also come on.				
SUBTASK 26-22-00-710-006				
(11) Release the EXT TEST switch.				
———— END OF TASK ————				

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-220-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-220-00-01

**FLIGHT COMPARTMENT**
**CAPTAIN'S FIRE WARNING SWITCH (P7)
(FIRST OFFICER'S IS OPPOSITE)**
CAPTAIN'S WARNING LIGHTS (P7)**FIRE CONTROL PANEL (P8-1)**
APU Fire Detection Test
Figure 1 (Sheet 1 of 2)

G20366 S0006568272_V2

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT
		D633A109-AKS 26-220-00-01

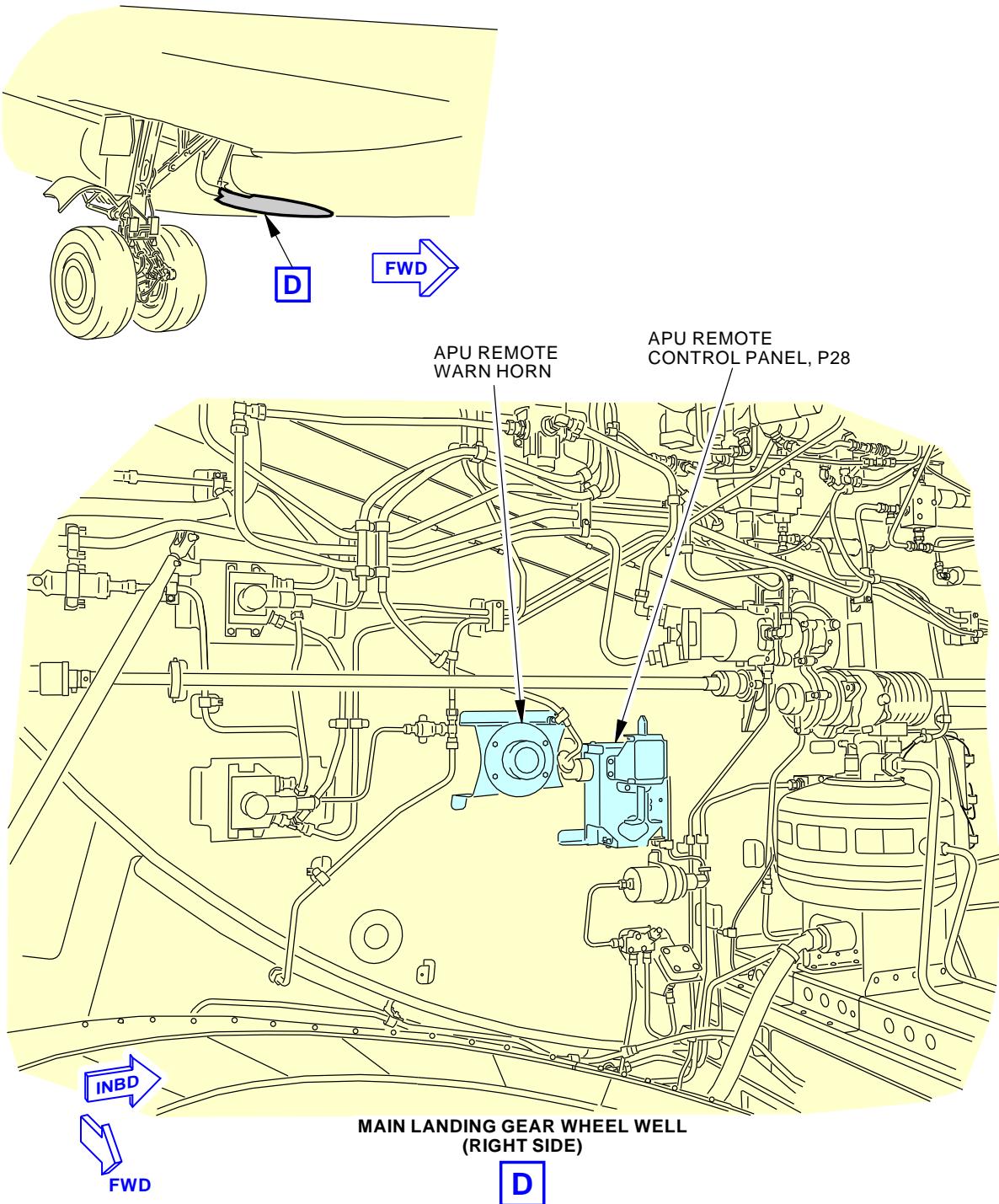
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-220-00-01

G20371 S0006568273_V2

**APU Fire Detection Test
Figure 1 (Sheet 2 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**APU FIRE EXTINGUISHING SYSTEM SQUIB CIRCUIT****D633A109-AKS
26-220-00-01****Page 10 of 10
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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE APU FIRE HANDLE FOR APU SHUTDOWN AND ISOLATION			BOEING CARD NO.
DATE	TASK OPERATIONAL				26-230-00-01 RELATED CARD
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL ELEC	ACCESS			ZONE 134 210

Operational check of the APU fire handle (including fire handle lock override circuitry and P28 remote APU control panel) for APU shutdown and isolation.

A. References

Reference	Title
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 24-22-00-860-815	Supply APU Generator Power (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE HANDLE FOR APU SHUTDOWN AND ISOLATION
		D633A109-AKS 26-230-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-230-00-01
				MECH INSP
TASK 26-22-00-720-801				
1. APU Fire Switch System Shutdown Test				
(Figure 1)				
A. General				
(1) This procedure checks that fuel to the APU is shut off and the APU generator is disconnected from the airplane power when the fire handle is pulled. It should be performed when the Engine and APU Fire Control Panel, or Remote APU Control Panel is removed from the airplane.				
B. APU Fire Handle Fuel System Shutdown Test				
SUBTASK 26-22-00-860-005				
(1) Open this circuit breaker and install safety tag:				
F/O Electrical System Panel, P6-2				
Row Col Number Name				
B 21 C00452 FIRE PROTECTION EXTINGUISHERS APU				
SUBTASK 26-22-00-860-006				
(2) Make sure that these circuit breakers are closed:				
F/O Electrical System Panel, P6-2				
Row Col Number Name				
A 21 C00396 FIRE PROT DETECTION MA WRN & CONT				
A 22 C00407 FIRE PROTECTION DETECTION ENG 2				
A 23 C00403 FIRE PROTECTION DETECTION APU				
A 24 C00405 FIRE PROTECTION DETECTION ENG 1				
F/O Electrical System Panel, P6-3				
Row Col Number Name				
B 12 C00132 MASTER CAUTION ANNUNCIATOR BUS 1				
B 13 C00131 MASTER CAUTION ANNUNCIATOR BAT				
D 11 C00133 INDICATOR MASTER DIM DIM/TST CONT				
D 12 C00310 INDICATOR MASTER DIM BAT				
D 13 C00311 INDICATOR MASTER DIM BUS 1				
D 14 C00312 INDICATOR MASTER DIM BUS 2				
D 15 C01401 LANDING GEAR AIR/GND RELAY				
E 11 C00313 INDICATOR MASTER DIM SECT 1				
E 12 C00314 INDICATOR MASTER DIM SECT 2				
E 13 C00315 INDICATOR MASTER DIM SECT 3				
E 14 C00316 INDICATOR MASTER DIM SECT 4				
F 11 C00317 INDICATOR MASTER DIM SECT 5				
F 12 C00318 INDICATOR MASTER DIM SECT 6				
SUBTASK 26-22-00-860-013				
(3) Pull the APU fire handle on the P8 panel.				
(a) Make sure the fire handle does not extend.				

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE HANDLE FOR APU SHUTDOWN AND ISOLATION
		D633A109-AKS 26-230-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-230-00-01								
				MECH INSP								
SUBTASK 26-22-00-860-008												
<p>(4) Do a test of the APU fire handle fuel shutdown circuit in the flight compartment.</p> <p>(a) Set the APU master switch on the P5 panel to ON.</p> <p><u>NOTE:</u> The igniter plugs will fire three times. Do not start the APU.</p> <p>1) Make sure the APU fuel supply valve in the left main gear wheel well opens (Figure 1).</p> <p>(b) Push the manual override button and pull the APU fire handle on the P8 panel.</p> <p>1) Make sure the APU fuel supply valve in the left main gear wheel well closes.</p> <p>(c) Push in the APU fire handle on the P8 panel to the usual position.</p> <p>(d) Set the APU master switch on the P5 panel to OFF.</p>												
SUBTASK 26-22-00-860-009												
<p>(5) Do a check of the APU fire handle fuel shutoff circuit using the remote APU control panel.</p> <p>(a) Set the APU master switch on the P5 panel to ON.</p> <p>1) Make sure the APU fuel supply valve in the left main gear wheel well opens.</p> <p>(b) Pull the handle on the P28 remote APU control panel, in the right main gear wheel well.</p> <p>1) Make sure the APU fuel supply valve in the left main gear wheel well closes.</p> <p>(c) Push the handle on the remote APU control panel to the usual position.</p> <p>(d) Set the APU master switch on the P5 panel to OFF.</p>												
C. APU Fire Handle Generator Shutdown Test												
SUBTASK 26-22-00-860-014												
(1) Remove the safety tag and close this circuit breaker:												
F/O Electrical System Panel, P6-2												
<table border="1"> <thead> <tr> <th><u>Row</u></th> <th><u>Col</u></th> <th><u>Number</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>B</td> <td>21</td> <td>C00452</td> <td>FIRE PROTECTION EXTINGUISHERS APU</td> </tr> </tbody> </table>					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>									
B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU									
SUBTASK 26-22-00-860-015												
(2) Do this task: Supply APU Generator Power, AMM TASK 24-22-00-860-815.												
SUBTASK 26-22-00-860-016												
<p>(3) Set the AC meter select switch on the P5-13 panel to APU GEN.</p> <p>(a) Make sure the voltage reads 110-120 vac.</p> <p>(b) Make sure the frequency reads 390-410.</p>												
SUBTASK 26-22-00-860-017												
<p>CAUTION: DO NOT TURN THE FIRE HANDLE WHEN IT IS EXTENDED. IF YOU DO THE FIRE BOTTLE WILL DISCHARGE.</p> <p>(4) Push the manual override button and pull the APU fire handle on the P8 panel.</p> <p><u>NOTE:</u> The APU will do an emergency shutdown. When the APU does an emergency shutdown, it will not do the cool-down cycle.</p> <p>(a) Make sure the voltage and frequency read 0 after 7 seconds.</p>												

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE HANDLE FOR APU SHUTDOWN AND ISOLATION
		D633A109-AKS 26-230-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-230-00-01
				MECH INSP
SUBTASK 26-22-00-860-018				
(5) Set the APU and fire protection circuits to the usual positions.				
<ul style="list-style-type: none"> (a) Set the APU master switch to the OFF position. (b) Push the APU fire handle to its usual position. (c) Set the APU master switch to the ON position. (d) After 30 seconds, make sure the APU FAULT light goes off. (e) Make sure the APU annunciator light goes off. (f) Push and release the APU annunciator light. (g) Make sure the L and R MASTER CAUTION lights go off. <p><u>NOTE:</u> The L and R MASTER CAUTION lights stay on if the airplane finds other system faults.</p>				
(h) Set the APU master switch to the OFF position.				
D. Return the Airplane to its Usual Condition				
SUBTASK 26-22-00-860-012				
(1) Do this task: Remove Electrical Power, AMM TASK 24-22-00-860-812.				
———— END OF TASK ————				

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE HANDLE FOR APU SHUTDOWN AND ISOLATION
		D633A109-AKS 26-230-00-01

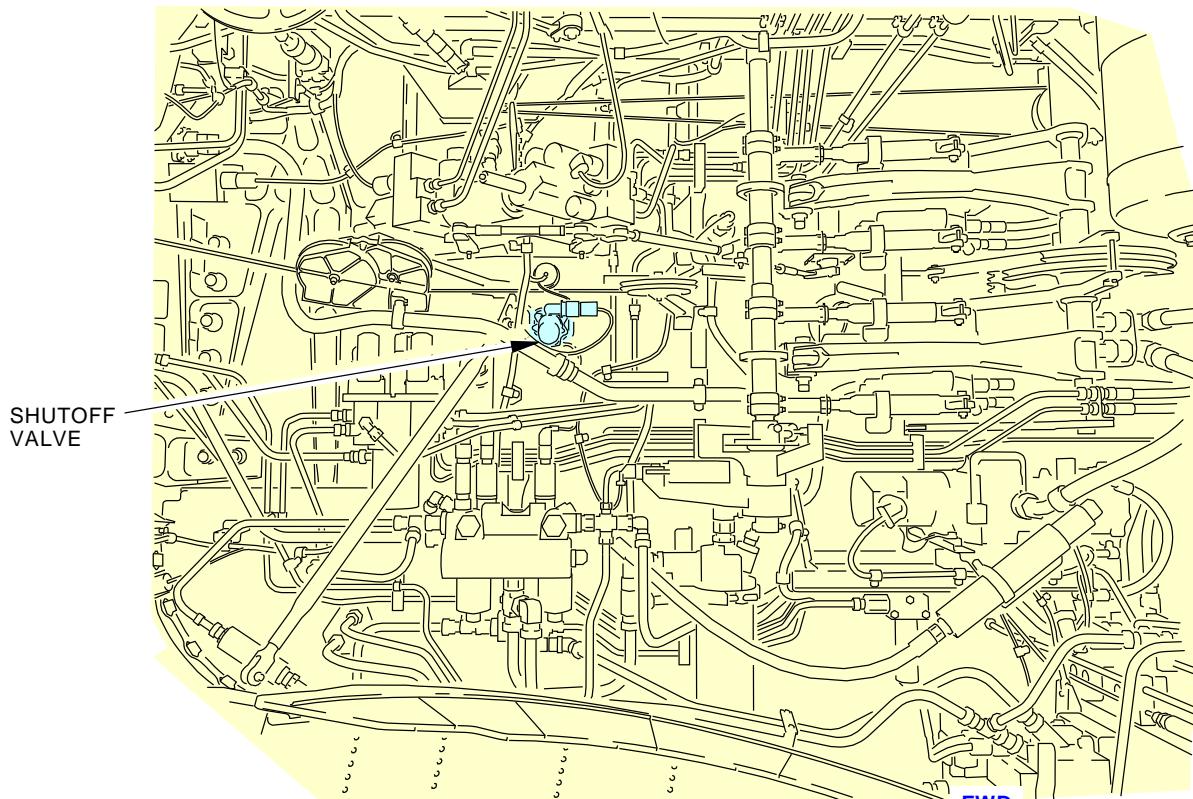
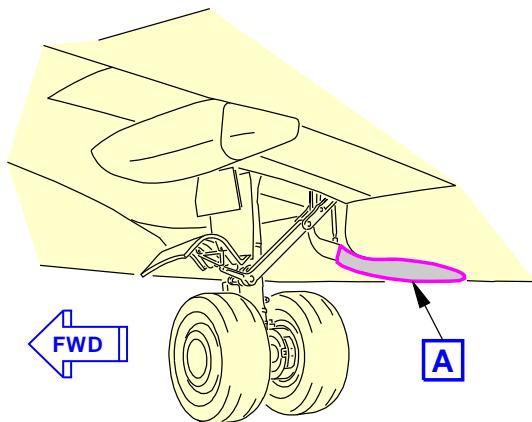
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-230-00-01

MAIN LANDING GEAR WHEEL WELL
(LEFT SIDE)

APU Fuel Shutoff Valve Actuator Test
Figure 1

G20382 S0006568276_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**APU FIRE HANDLE FOR APU SHUTDOWN AND ISOLATION****D633A109-AKS
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AKS**737-600/700/800/900
TASK CARDS**

AIRLINE CARD NO		TITLE APU REMOTE CONTROL PANEL			BOEING CARD NO. 26-250-00-01
DATE	TASK INSPECTION - GEN VISUAL				RELATED CARD
TAIL NUMBER	WORK AREA R MAIN W/W	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ENGINE ALL ALL
		ACCESS			ZONE 134

General visual inspection of the APU remote control panel for condition and security of installation.

A. Consumable Materials

Reference	Description	Specification
G50414	Lockwire - MS20995CY15, Copper - 0.015 Inch (0.381 mm) Diameter	NASM20995

EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE CONTROL PANEL
		D633A109-AKS 26-250-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-250-00-01
TASK 26-22-03-210-801				MECH INSP
1. Remote APU Control Panel				
A. Procedure				
SUBTASK 26-22-03-210-001				
(1) Make sure the remote APU control panel is not damaged.				
SUBTASK 26-22-03-210-002				
(2) Make sure the remote APU control panel is securely attached.				
SUBTASK 26-22-03-210-003				
(3) Make sure copper MS20995CY15 lockwire, G50414, is installed on the bottle discharge switch on the APU remote fire panel.				
———— END OF TASK ——				
EFFECTIVITY AKS ALL	SOURCE MRB	APU REMOTE CONTROL PANEL		
		D633A109-AKS 26-250-00-01	Page 2 of 6 Jun 15/2015	

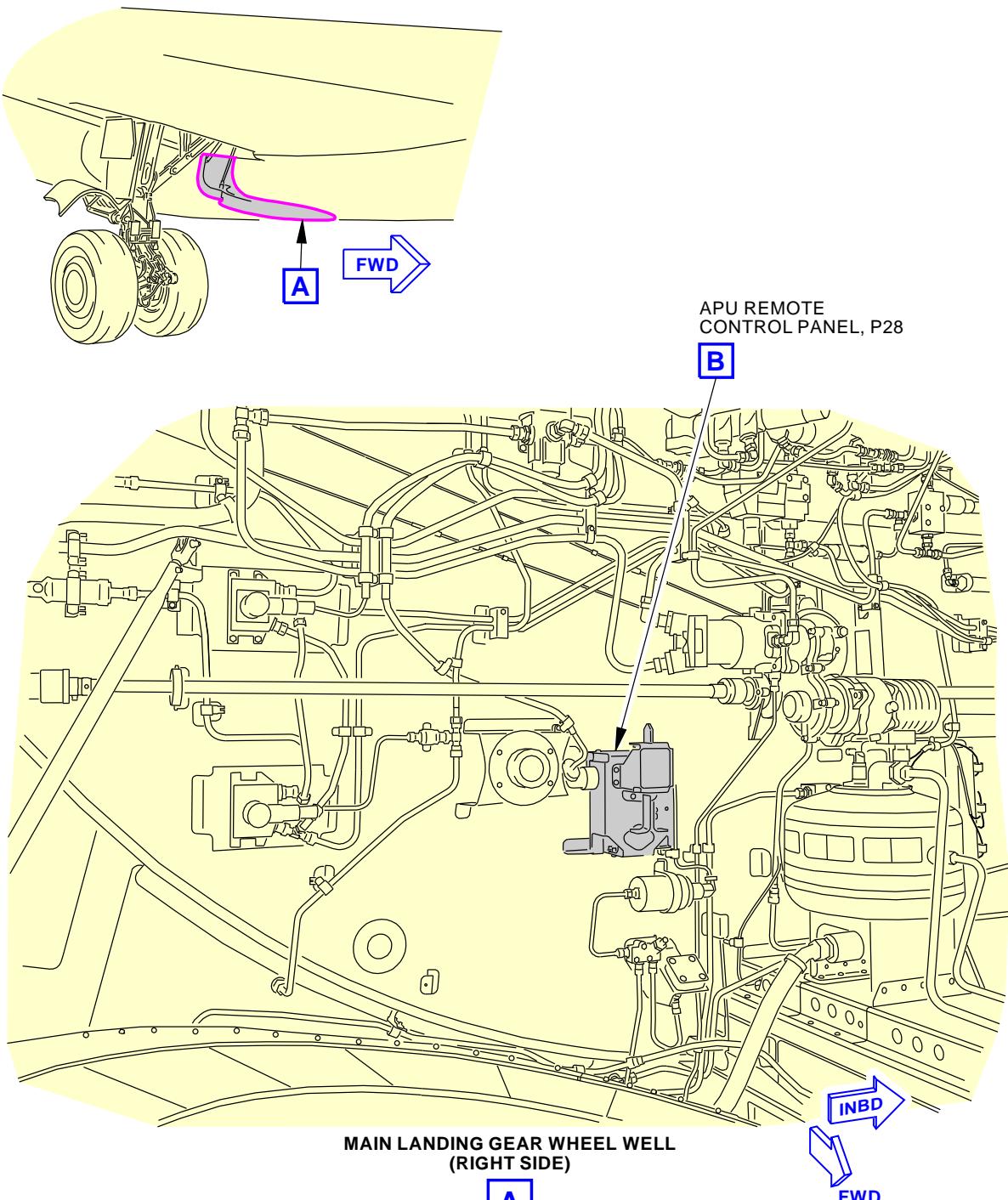
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-250-00-01

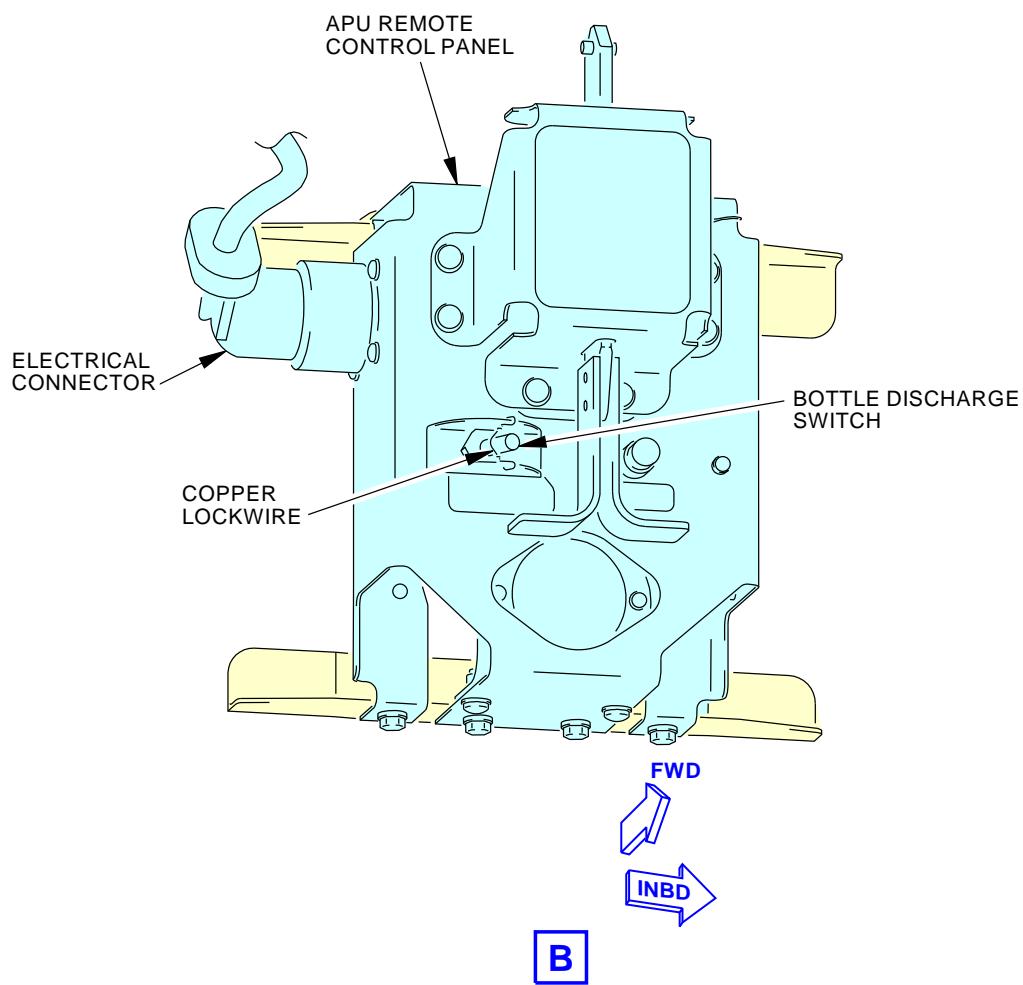
**APU Remote Control Panel
Figure 1 (Sheet 1 of 2)**

G24244 S0006568298_V2

EFFECTIVITY
AKS 001-006SOURCE
MRB**APU REMOTE CONTROL PANEL****D633A109-AKS
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TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-250-00-01



2136600 S0000463713_V3

**APU Remote Control Panel
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS 001-006	SOURCE MRB	APU REMOTE CONTROL PANEL
		D633A109-AKS 26-250-00-01

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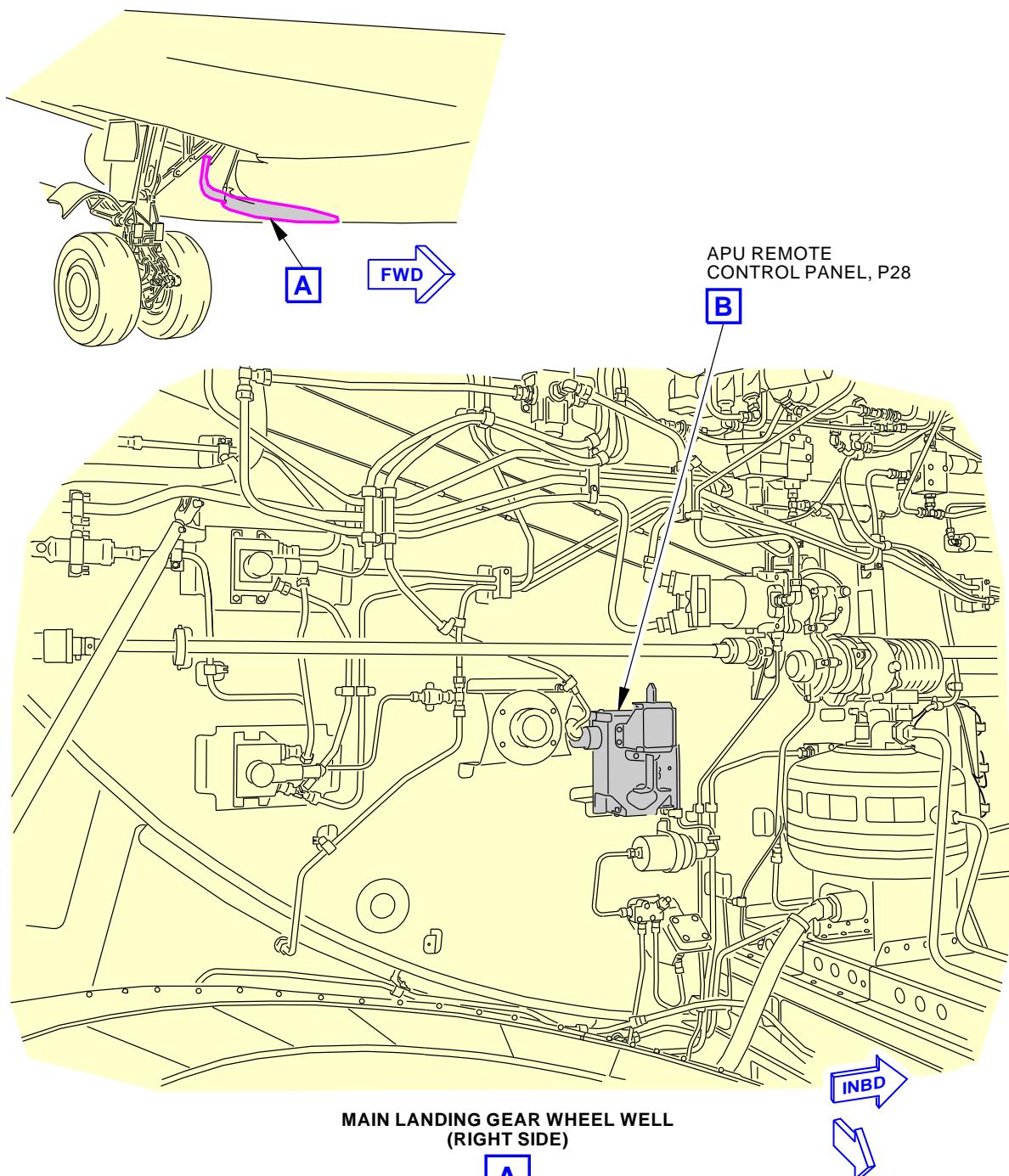
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-250-00-01**APU Remote Control Panel Installation
Figure 2 (Sheet 1 of 2)**

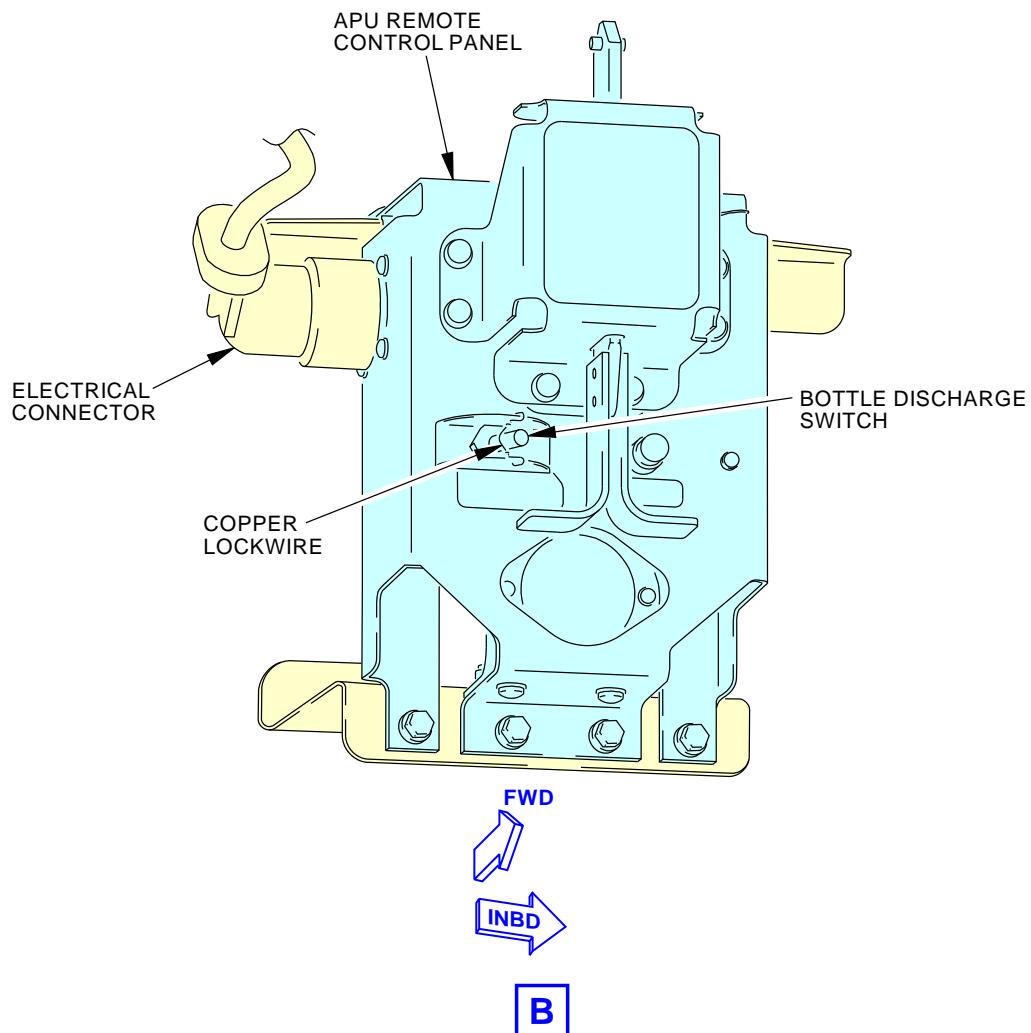
2338226 S0000532785_V2

EFFECTIVITY AKS 007-999	SOURCE MRB	APU REMOTE CONTROL PANEL
		D633A109-AKS 26-250-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				26-250-00-01



**APU Remote Control Panel Installation
Figure 2 (Sheet 2 of 2)**

2338267 S0000532823_V2

EFFECTIVITY AKS 007-999	SOURCE MRB	APU REMOTE CONTROL PANEL
		D633A109-AKS 26-250-00-01

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737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE APU FIRE BOTTLE PRESSURE SWITCH			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-260-00-01
TAIL NUMBER	WORK AREA TAIL CONE	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY
		ACCESS 311BL			AIRPLANE ALL ENGINE ALL
					ZONE 311

Functional check the APU fire bottle pressure switch (off aircraft).

INTERVAL NOTE: At vendor's recommendation.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 26-20-00-210-801	APU Fire Extinguishing Bottle Check (P/B 601)
AMM 26-22-00-730-802	APU Fire Extinguishing Bottle Pressure Switch Circuit Test (P/B 501)

B. Consumable Materials

Reference	Description	Specification
A50110	Sealant	BMS5-45 Class B-2
A50155	Sealant - Fuel Tank	BMS5-45 Class C
A50231	Sealant - Pressure And Environmental - Chromate Type	BMS5-95 Class B
A50296	Sealant - Pressure And Environmental - Chromate Type	BMS5-95 Class C
B50073	Alcohol - Isopropyl	ASTM D 770
D50004	Compound - Antiseize	BMS3-28
G00034	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth, Gauze)	BMS15-5 Class A
G01048	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8128 mm) Diameter	NASM20995
G50136	Compound - Corrosion Inhibiting, Non-drying	BMS3-38
G50237	Compound - Corrosion Inhibiting, Non-drying - Cor-Ban 27L	BMS3-38, NSN 6850-01-469-7645
G50260	Sandpaper - Aluminum Oxide, 220 Grit	

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-260-00-01

AKS



737-600/700/800/900

TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-260-00-01
Reference	Description			
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements)			
	Part #: 117 Supplier: 89536			
	Part #: 260-8XPI Supplier: 55026			
	Part #: 260-8XPI Supplier: 88277			
	Part #: 287 Supplier: 89536			
	Part #: 289 Supplier: 89536			
	Part #: 87V Supplier: 89536			
	Part #: FLUKE 27 II Supplier: 89536			
	Part #: FLUKE-77-4 Supplier: 89536			
	Opt Part #: 187 Supplier: 89536			
	Opt Part #: 189 Supplier: 89536			
	Opt Part #: 21 Supplier: 89536			
	Opt Part #: 77 SERIES III Supplier: 89536			
	Opt Part #: 87 Supplier: 89536			
	Opt Part #: FLUKE 27 Supplier: 89536			
COM-4907	Force Gauge With Resolution of 0.10 lb, +/-0.3% or better			
	Part #: FDIX 100 Supplier: 0BFD9			
	Part #: FDIX 50 Supplier: 0BFD9			
	Part #: LG-5KG Supplier: 92456			
	Part #: PS-10 Supplier: 1GHM7			
	Opt Part #: FDI 100 Supplier: 0BFD9			
	Opt Part #: FDI 50 Supplier: 0BFD9			
	Opt Part #: FDV 100 Supplier: 0BFD9			
	Opt Part #: FDV 50 Supplier: 0BFD9			
STD-1079	Resistor - 10K Ohm or Greater			

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-260-00-01																								
				MECH INSP																								
TASK 26-22-01-000-801																												
1. APU Fire Extinguishing Bottle Removal (Figure 1)																												
A. General (1) This task gives instructions to remove the APU Fire Extinguishing Bottle.																												
B. Expendables/Parts <table border="1"> <thead> <tr> <th>AMM Item</th> <th>Description</th> <th>AIPC Reference</th> <th>AIPC Effectivity</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Fire extinguishing bottle</td> <td>26-22-01-01-025</td> <td>AKS ALL</td> </tr> <tr> <td>7</td> <td>Squib</td> <td>26-22-01-01-080</td> <td>AKS ALL</td> </tr> <tr> <td></td> <td></td> <td>26-22-01-01-085</td> <td>AKS ALL</td> </tr> </tbody> </table>					AMM Item	Description	AIPC Reference	AIPC Effectivity	3	Fire extinguishing bottle	26-22-01-01-025	AKS ALL	7	Squib	26-22-01-01-080	AKS ALL			26-22-01-01-085	AKS ALL								
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		26-22-01-01-085	AKS ALL																									
C. Prepare for the Removal <p>SUBTASK 26-22-01-860-004</p> <p>(1) Make sure that the APU master switch on the P5 overhead panel is in the OFF position and install a DO-NOT-OPERATE tag.</p> <p>SUBTASK 26-22-01-860-001</p> <p>(2) Open these circuit breakers and install safety tags:</p> <p>F/O Electrical System Panel, P6-2</p> <table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>19</td> <td>C01344</td> <td>APU FIRE SW POWER</td> </tr> <tr> <td>B</td> <td>21</td> <td>C00452</td> <td>FIRE PROTECTION EXTINGUISHERS APU</td> </tr> </tbody> </table> <p>F/O Electrical System Panel, P6-4</p> <table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14</td> <td>C00033</td> <td>AUX POWER UNIT CONT</td> </tr> </tbody> </table> <p>SUBTASK 26-22-01-010-007</p> <p>(3) Open this access door:</p> <table border="1"> <thead> <tr> <th>Number</th> <th>Name/Location</th> </tr> </thead> <tbody> <tr> <td>311BL</td> <td>Stabilizer Trim Access Door</td> </tr> </tbody> </table>					Row	Col	Number	Name	B	19	C01344	APU FIRE SW POWER	B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU	Row	Col	Number	Name	A	14	C00033	AUX POWER UNIT CONT	Number	Name/Location	311BL	Stabilizer Trim Access Door
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D. APU Fire Extinguishing Bottle Removal <p>SUBTASK 26-22-01-020-001</p> <p>(1) Do these steps to remove the bottle:</p> <p>(a) Disconnect the electrical connector [1] from the squib [7].</p> <p>WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.</p> <p>(b) Put a protective cap [6] on the squib [7].</p> <p>(c) Disconnect the electrical connector [2] from the pressure switch.</p> <p>(d) Loosen the nut on the hose or tube assembly.</p>																												

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-260-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-260-00-01	
				MECH	INSP
<p>(e) Disconnect the hose or tube assembly from the discharge head.</p> <p>(f) Install the protective caps on each of the discharge ports.</p> <p>(g) Install the protective caps on each of the discharge tubes.</p> <p>(h) Remove the bolts [4] and washers [5] from the mounting lugs.</p>					
<p>WARNING: BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.</p>					
<p>(i) Remove the fire extinguishing bottle [3].</p>					
— END OF TASK —					

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-260-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-260-00-01																								
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TASK 26-22-01-400-801																												
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B. Prepare for the Installation																												
SUBTASK 26-22-01-700-001																												
(1) Using force gauge, COM-4907, weigh the bottle.																												
(a) Make sure the weight is not more than 0.1 pound than the weight listed on the bottle data plate.																												
<p><u>NOTE:</u> The bottle assembly includes the charged bottle, discharge heads, cartridge and electrical bonding tab with stud wire locked in place. Remove all protective caps before weighing. The explosive cartridge must be capped when handling the bottle assembly, except at weighing.</p>																												
SUBTASK 26-22-01-860-002																												
(2) Make sure that these circuit breakers are open and have safety tags:																												
F/O Electrical System Panel, P6-2																												
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SUBTASK 26-22-01-200-001																												
(3) Do this task: APU Fire Extinguishing Bottle Check, AMM TASK 26-20-00-210-801.																												
(a) If the previous bottle was discharged, check the discharge tube for any debris.																												
C. APU Fire Extinguishing Bottle Installation																												
SUBTASK 26-22-01-420-001																												
<p>WARNING: REMOVE THE METAL CAPS FROM THE FILL FITTING ASSEMBLY ON THE APU FIRE EXTINGUISHER BOTTLES. THE SAFETY RELEASE ON THE BOTTLE WILL NOT OPERATE IF METAL CAPS ARE INSTALLED.</p>																												
(1) Do these steps to install the fire extinguishing bottle [3]:																												

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE PRESSURE SWITCH	
		D633A109-AKS 26-260-00-01	Page 5 of 9 Jun 15/2016

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737-600/700/800/900

TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-260-00-01
WARNING: BE CAREFUL WHEN YOU MOVE THE FIRE EXTINGUISHING BOTTLE. THE FIRE EXTINGUISHING BOTTLE IS HIGHLY PRESSURIZED AND HAS AN EXPLOSIVE CARTRIDGE AS A COMPONENT. ACCIDENTAL DISCHARGE OF THE FIRE EXTINGUISHING BOTTLE CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.				MECH INSP
(a) Prepare the fire extinguisher bottle lugs and the support bracket mounting surfaces for installation. <ol style="list-style-type: none">1) Remove any old sealant from the bottle lugs and the support bracket. <p>(b) Use sandpaper, G50260, to sand the surface of the support bracket mounting surface until any surface finish is removed.</p> <p><u>NOTE:</u> Avoid removing surface finish outside of the bonding area.</p> <p>(c) Using a cotton wiper, G00034, and alcohol, B50073, clean the exposed surfaces of the support mounting bracket and the surfaces of the bottle mounting lugs.</p> <p>(d) Immediately dry the surfaces with a new wiper.</p> <p>(e) Apply any one of the following sealants to the surface of the bottle mounting lugs:<ul style="list-style-type: none">• sealant, A50110• sealant, A50155• sealant, A50231• sealant, A50296</p> <p>(f) Make sure you apply the sealing compound on the full area of the bottle lug surface.</p> <p><u>NOTE:</u> The thickness of the sealing compound must be 0.005 in. (0.127 mm). If necessary, the sealing compound thickness can be between 0.010 in. (0.254 mm) and 0.030 in. (0.762 mm) depending on fit-up of parts.</p> <p>(g) Put the bottle in the mounted position on the support bracket.</p> <p>(h) Install the bolts [4] and washers [5].<ol style="list-style-type: none">1) Make sure there is sufficient sealant coming out at each edge of the bottle lugs.2) Make sure the sealant squeeze out is smooth and approximately 0.06 in. (1.52 mm) along the joint.<p>(i) Do a check of the resistance between the bottle lugs and the support bracket.<ol style="list-style-type: none">1) Make sure the resistance is 0.7 milliohm or less.<ol style="list-style-type: none">a) If the resistance is more than 0.7 milliohm, remove the bottle and repeat the previous steps to prepare the bottle surfaces for installation.</p><p>(j) If the discharge head does not align with the hose or tube assembly, do these steps:<ol style="list-style-type: none">1) Loosen the discharge outlet gland nut and rotate the discharge port so it aligns with the tube assembly.2) Torque the gland nut to 540 in-lb (61 N·m) – 660 in-lb (75 N·m).3) Remove the protective caps from each of the discharge ports.4) Remove the protective caps from each of the discharge tubes.5) Install MS20995C32 lockwire, G01048 on the gland nut.</p></p>				

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE PRESSURE SWITCH D633A109-AKS 26-260-00-01	Page 6 of 9 Feb 15/2015
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AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-260-00-01
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WARNING: DO NOT GET THE CORROSION-INHIBITING COMPOUND ON YOUR SKIN, IN YOUR EYES, OR ON YOUR CLOTHES. THE COMPOUND IS POISONOUS AND FLAMMABLE. USE APPROVED GLOVES, AND EYE PROTECTION. MAKE SURE THAT THERE IS GOOD AIRFLOW IN THE WORK AREA. KEEP THE COMPOUND AWAY FROM SPARKS AND FLAMES. THE COMPOUND CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (k) Apply a layer of compound, D50004, (preferred) to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.
 - 1) The Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136, are also acceptable alternatives as anti-corrosion compounds to use in this location.
 - (l) Connect the tube assembly to the discharge head.
 - (m) Remove any unwanted compound.
 - (n) Tighten the nut to 342 in-lb (38.6 N·m) – 378 in-lb (42.7 N·m).

SUBTASK 26-22-01-710-001

- (2) Do these steps to connect the electrical connector [1] to the squib [7] on the fire extinguishing bottle:

WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.

- (a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:
 - ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802.
 - ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802.
- (b) Remove the protective cap [6] from the squib [7].

SUBTASK 26-22-01-700-002

WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.

- (3) Do this to make sure that there is no stray voltage at the electrical squib connector:

Fire Bottle Squib Electrical Connector

	Engine	APU	Cargo
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2

- (a) Connect the digital/analog multimeter, COM-1793, across the two pins.
- (b) Make sure that the current is less than 5 mA.

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-260-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-260-00-01												
				MECH INSP												
(c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter.																
SUBTASK 26-22-01-420-003 (4) Connect the electrical connector [1] to the squib [7]. <i>NOTE:</i> The squib pins can cause damage to the electrical connector if the pins do not correctly engage the electrical connector.																
SUBTASK 26-22-01-420-002 (5) Do this task to test the electrical wiring up to the pressure switch: APU Fire Extinguishing Bottle Pressure Switch Circuit Test, AMM TASK 26-22-00-730-802. (6) Connect the electrical connector [2] to the pressure switch.																
D. APU Fire Extinguishing Bottle Installation Test																
SUBTASK 26-22-01-860-003 (1) Remove the safety tags and close these circuit breakers:																
F/O Electrical System Panel, P6-2 <table> <thead> <tr> <th><u>Row</u></th> <th><u>Col</u></th> <th><u>Number</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>B</td> <td>19</td> <td>C01344</td> <td>APU FIRE SW POWER</td> </tr> <tr> <td>B</td> <td>21</td> <td>C00452</td> <td>FIRE PROTECTION EXTINGUISHERS APU</td> </tr> </tbody> </table>					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	19	C01344	APU FIRE SW POWER	B	21	C00452	FIRE PROTECTION EXTINGUISHERS APU
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A	14	C00033	AUX POWER UNIT CONT													
SUBTASK 26-22-01-741-001 (2) Set the EXT TEST switch on the P8-1 panel to 1. (a) Make sure the L and R lights come on. <i>NOTE:</i> The APU light will also come on.																
SUBTASK 26-22-01-741-002 (3) Set the EXT TEST switch on the P8-1 panel to 2. (a) Make sure the L and R lights come on. <i>NOTE:</i> The APU light will also come on.																
SUBTASK 26-22-01-741-003 (4) Release the EXT TEST switch.																
E. Put the Airplane Back to Its Usual Condition																
SUBTASK 26-22-01-010-002 (1) Close this access door: <table> <thead> <tr> <th><u>Number</u></th> <th><u>Name/Location</u></th> </tr> </thead> <tbody> <tr> <td>311BL</td> <td>Stabilizer Trim Access Door</td> </tr> </tbody> </table>					<u>Number</u>	<u>Name/Location</u>	311BL	Stabilizer Trim Access Door								
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— END OF TASK —																

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-260-00-01

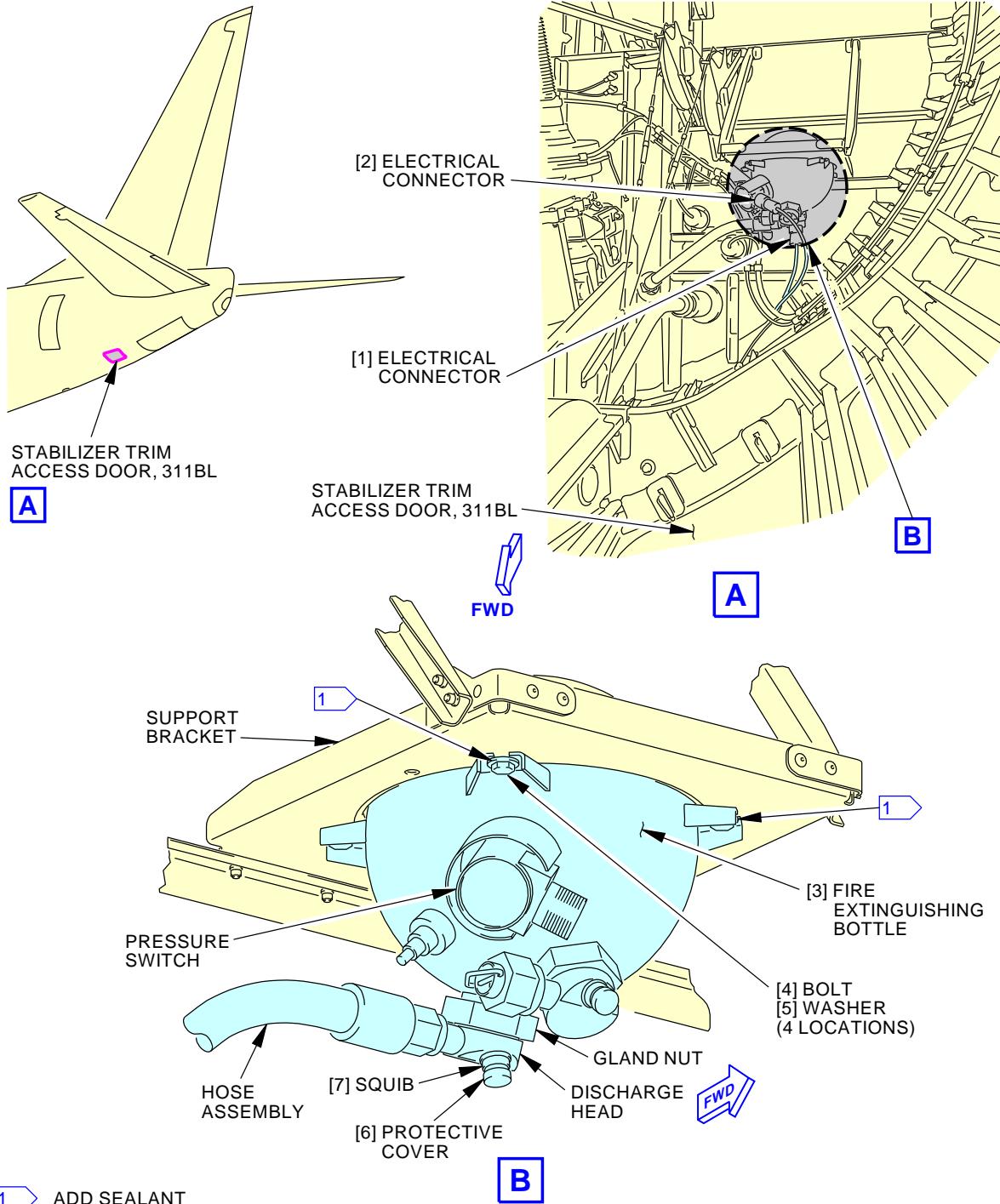
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-260-00-01

F39673 S0006568280_V3

**Auxiliary Power Unit (APU) Fire Extinguishing Bottle Installation
Figure 1**EFFECTIVITY
AKS ALLSOURCE
MRB**APU FIRE BOTTLE PRESSURE SWITCH****D633A109-AKS
26-260-00-01****Page 9 of 9
Oct 15/2015**

AKS**737-600/700/800/900
TASK CARDS**

AIRLINE CARD NO		TITLE APU FIRE EXTINGUISHER DISTRIBUTION SYSTEM			BOEING CARD NO. 26-280-00-01
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA TAIL CONE	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ENGINE ALL ALL
		ACCESS 311BL 315A			ZONE 311 315

Detail visual inspection of the APU fire extinguishing distribution system and APU fire bottle.

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHER DISTRIBUTION SYSTEM
		D633A109-AKS 26-280-00-01

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Oct 15/2014**

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-280-00-01						
				MECH INSP						
TASK 26-22-01-210-801										
1. APU Fire Bottle Inspection										
A. Prepare for inspection										
SUBTASK 26-22-01-010-003										
(1) Open these access panels:										
<table><thead><tr><th><u>Number</u></th><th><u>Name/Location</u></th></tr></thead><tbody><tr><td>311BL</td><td>Stabilizer Trim Access Door</td></tr><tr><td>315A</td><td>APU Cowl Door</td></tr></tbody></table>					<u>Number</u>	<u>Name/Location</u>	311BL	Stabilizer Trim Access Door	315A	APU Cowl Door
<u>Number</u>	<u>Name/Location</u>									
311BL	Stabilizer Trim Access Door									
315A	APU Cowl Door									
B. Procedure										
SUBTASK 26-22-01-210-001										
(1) Make sure the fire bottle is not damaged.										
SUBTASK 26-22-01-210-003										
(2) Make sure the extinguisher tube is not damaged.										
SUBTASK 26-22-01-210-004										
(3) Make sure the tubing outlet is free of obstructions.										
C. Put the Airplane Back to Its Usual Condition										
SUBTASK 26-22-01-010-004										
(1) Close these access panels:										
<table><thead><tr><th><u>Number</u></th><th><u>Name/Location</u></th></tr></thead><tbody><tr><td>311BL</td><td>Stabilizer Trim Access Door</td></tr><tr><td>315A</td><td>APU Cowl Door</td></tr></tbody></table>					<u>Number</u>	<u>Name/Location</u>	311BL	Stabilizer Trim Access Door	315A	APU Cowl Door
<u>Number</u>	<u>Name/Location</u>									
311BL	Stabilizer Trim Access Door									
315A	APU Cowl Door									
———— END OF TASK ——										

EFFECTIVITY AKS ALL	SOURCE MRB	APU FIRE EXTINGUISHER DISTRIBUTION SYSTEM	
		D633A109-AKS 26-280-00-01	Page 2 of 2 Feb 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE LAVATORY FIRE BOTTLE, WEIGHT CHECK			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				26-290-00-01 RELATED CARD
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD NOTE	REPEAT	APPLICABILITY
STATION	SKILL AIRPL	NOTE			AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 220 240

Inspect (Detailed) lavatory waste compartment fire extinguishing bottles for correct weight.

INTERVAL NOTE: At vendor recommendation.

A. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-6250	Gauge - Force Part #: LG-1KG Supplier: 92456

EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY FIRE BOTTLE, WEIGHT CHECK
		D633A109-AKS 26-290-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-290-00-01
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TASK 26-24-01-900-801

MECH

INSP

1. Lavatory Waste Compartment Fire Extinguishing Bottle Removal/Installation

(Figure 1)

A. Remove the Fire Extinguishing Bottle

SUBTASK 26-24-01-010-001

- (1) Open the waste compartment door.

SUBTASK 26-24-01-010-004

- (2) Open the waste container door to get access to the fire extinguishing bottle [1].

SUBTASK 26-24-01-020-001

- (3) Remove the waste container.

SUBTASK 26-24-01-020-002

- (4) Remove the mounting screws [3] that hold the fire extinguishing bottle [1] in its position.

SUBTASK 26-24-01-020-004

- (5) Hold the fire extinguishing bottle [1] and carefully remove the nozzles through the holes in the seal.

SUBTASK 26-24-01-020-005

- (6) Remove the fire extinguishing bottle [1].

B. Install the Fire Extinguishing Bottle

SUBTASK 26-24-01-280-001

- (1) Use the force gauge, COM-6250 and weigh the fire extinguishing bottle.

NOTE: The total weight of the halon and the bottle is shown on the label of the fire extinguishing bottle. Review table below for allowable weight deviations for fire extinguisher bottle.

- (a) Replace the bottle if the difference between the weight marked on the bottle and the measured weight is more than what is specified in Table 1:

Table 1

Part Number	Max Permitted Weight Loss (grams)
30100022-X	10
A800100-X	10
A825100-X	10
A826300-X	10
A826700-X	10
474276	10
474453-X	10
800100-X	10
G800100-X	5
G825100-X	5

EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY FIRE BOTTLE, WEIGHT CHECK
		D633A109-AKS 26-290-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-290-00-01
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Table 1 (Continued)

Part Number	Max Permitted Weight Loss (grams)	MECH	INSP
G826300-X	5		
G826700-X	5		

SUBTASK 26-24-01-420-001

- (2) Put the fire extinguishing bottle [1] in its position and install the nozzles through the holes in the seal.
(a) Make sure the nozzles point into the waste container area.

SUBTASK 26-24-01-420-002

- (3) Install the mounting screws [3] that hold the fire extinguishing bottle [1] in its position.

SUBTASK 26-24-01-420-004

- (4) Install the waste container in the sink cabinet.

SUBTASK 26-24-01-410-002

- (5) Close the waste container door.

SUBTASK 26-24-01-410-001

- (6) Close the waste compartment door.

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY FIRE BOTTLE, WEIGHT CHECK	
		D633A109-AKS 26-290-00-01	Page 3 of 4 Feb 15/2015

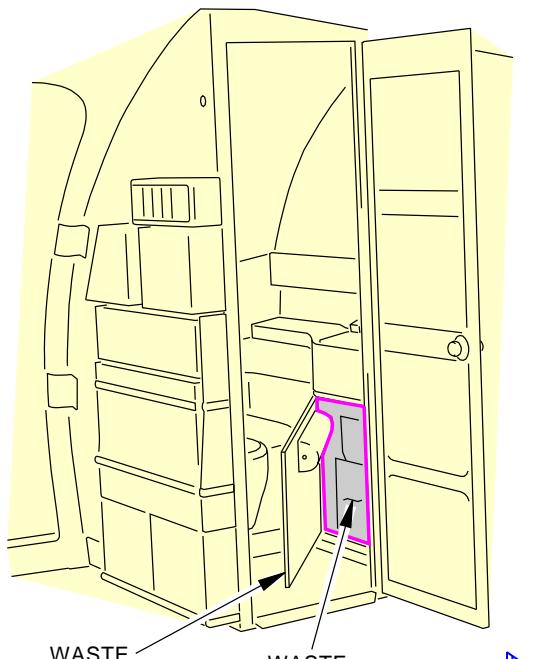
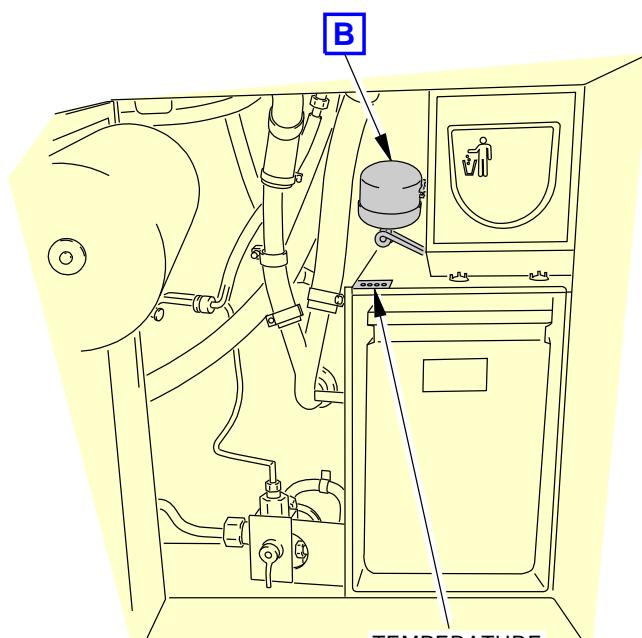
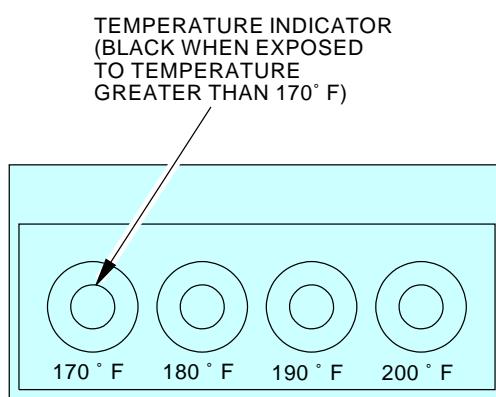
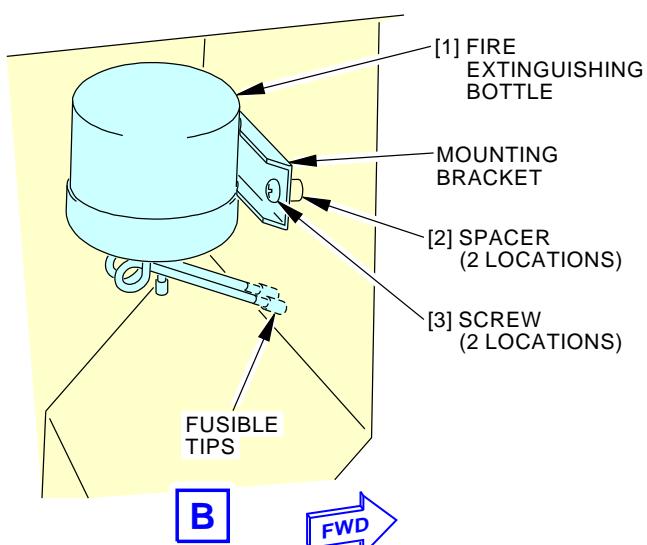
AKS737-600/700/800/900
TASK CARDS

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-290-00-01LAVATORY
(EXAMPLE)WASTE COMPARTMENT
ATEMPERATURE INDICATOR STRIP
CLavatory Waste Compartment Fire Extinguishing - Maintenance Practices
Figure 1

F83141 S0006568412_V3

EFFECTIVITY
AKS ALLSOURCE
MRB**LAVATORY FIRE BOTTLE, WEIGHT CHECK**D633A109-AKS
26-290-00-01Page 4 of 4
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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE LAVATORY FIRE BOTTLE FUSIBLE TIPS AND DISCHARGE			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				26-300-00-01 RELATED CARD
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ENGINE ALL ALL
		ACCESS			ZONE 220 240

Detail visual inspection of the lavatory fire bottle fusible tips and discharge tubes.

EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY FIRE BOTTLE FUSIBLE TIPS AND DISCHARGE
		D633A109-AKS 26-300-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-300-00-01
				MECH INSP
TASK 26-24-01-200-801				
1. Lavatory Waste Compartment Fire Extinguishing Bottle Inspection/Check (Figure 1)				
A. Procedure				
SUBTASK 26-24-01-280-002				
(1) Open the waste compartment door.				
SUBTASK 26-24-01-280-006				
(2) Open the waste container door to get access to the fire extinguishing bottle on the inside of the waste compartment.				
SUBTASK 26-24-01-020-006				
(3) Remove the waste container.				
SUBTASK 26-24-01-960-001				
(4) Examine the fusible tips on the discharge tubes.				
(a) Replace the fire extinguishing bottle and the temperature indicator strip if the fusible tips are melted.				
NOTE: The temperature indicator strip is located above the waste container.				
SUBTASK 26-24-01-960-002				
(5) Examine the temperature indicator strip to see if one or more of the temperature indicators changed from white to black.				
(a) If one or more of the temperature indicator slips changed from white to black, replace the temperature indicator strip.				
SUBTASK 26-24-01-280-004				
(6) Examine the fire extinguishing bottle for corrosion, scratches, or dents.				
(a) Replace the fire extinguishing bottle if any dents are deeper than 1/16 in. (2 mm) per 1 in. (25 mm) of average dent diameter or if any scratches are deeper than 0.004 in. (0.102 mm).				
SUBTASK 26-24-01-020-008				
(7) Install the waste container in the waste compartment.				
SUBTASK 26-24-01-280-007				
(8) Close the waste container door.				
SUBTASK 26-24-01-280-005				
(9) Close the waste compartment door.				
———— END OF TASK ————				
EFFECTIVITY AKS ALL	SOURCE MRB	LAVATORY FIRE BOTTLE FUSIBLE TIPS AND DISCHARGE		
		D633A109-AKS 26-300-00-01	Page 2 of 3 Jun 15/2016	

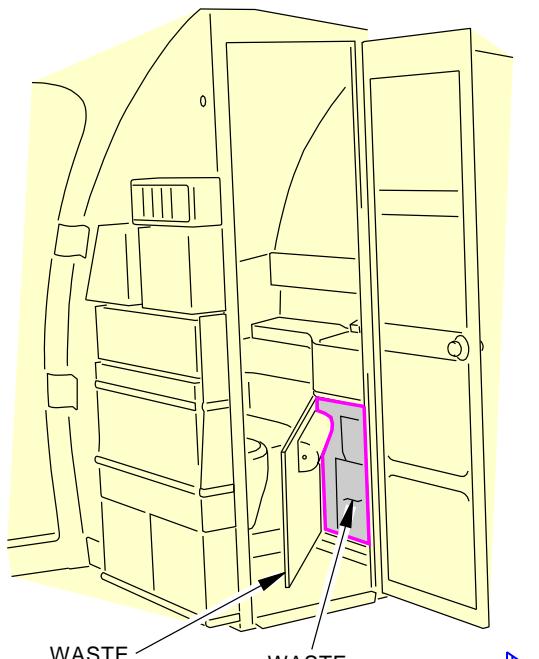
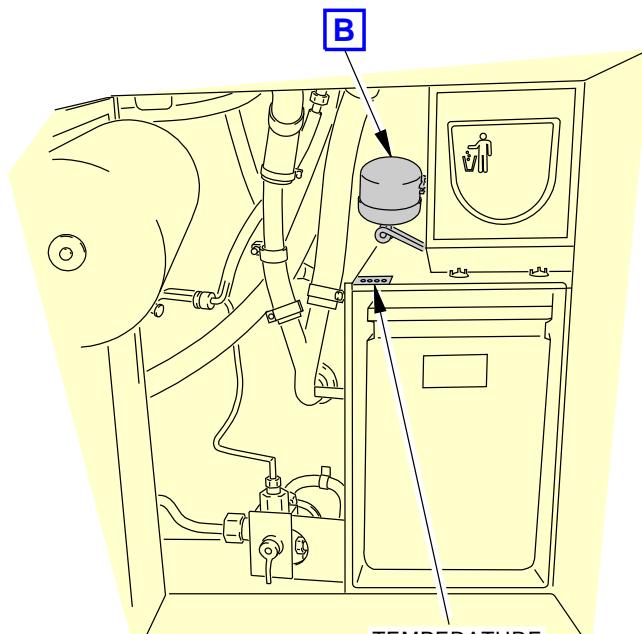
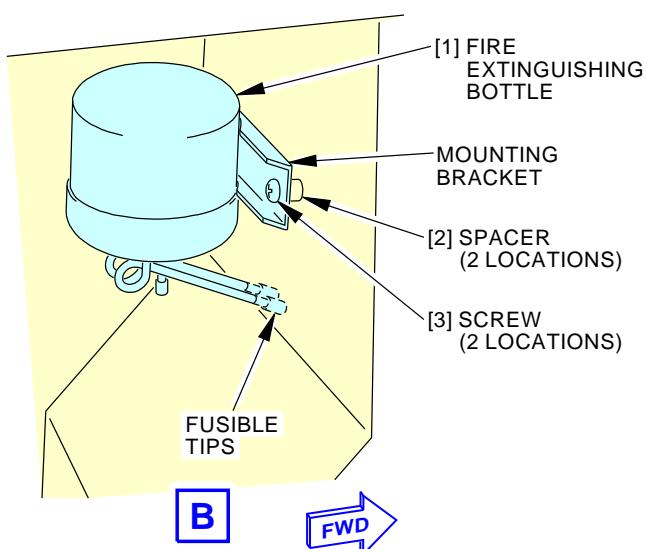
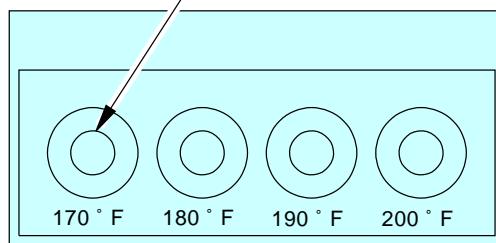
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-300-00-01**LAVATORY
(EXAMPLE)****WASTE COMPARTMENT
A**TEMPERATURE INDICATOR
(BLACK WHEN EXPOSED
TO TEMPERATURE
GREATER THAN 170° F)**TEMPERATURE INDICATOR STRIP****Lavatory Waste Compartment Fire Extinguishing - Maintenance Practices
Figure 1**

F83141 S0006568412_V3

EFFECTIVITY
AKS ALLSOURCE
MRB**LAVATORY FIRE BOTTLE FUSIBLE TIPS AND DISCHARGE****D633A109-AKS
26-300-00-01****Page 3 of 3
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AKS
**737-600/700/800/900
TASK CARDS**

AIRLINE CARD NO		TITLE CARGO FIRE BOTTLE SQUIB			BOEING CARD NO.
DATE	TASK REPLACE				26-330-00-01
TAIL NUMBER	WORK AREA FWD CARGO	VERSION 1.1	THRESHOLD LIF LIM	REPEAT	APPLICABILITY
STATION	SKILL AIRPL	NOTE			AIRPLANE ALL ENGINE ALL
		ACCESS 121HW			ZONE 125
		NOTE			

Replace cargo fire bottle squib.

INTERVAL NOTE: At vendors recommendation.

ACCESS NOTE: Removal of air conditioning ducting may be required.

A. References

Reference	Title
AMM 20-10-33-000-801	Power Device Cartridge (Squib) Removal (P/B 401)
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-814	Remove External Power (P/B 201)

B. Consumable Materials

Reference	Description	Specification
G01048	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8128 mm) Diameter	NASM20995

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB	
		D633A109-AKS 26-330-00-01	Page 1 of 10 Jun 15/2016

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737-600/700/800/900

TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01
(Continued)				
Reference	Description			
STD-1079	Resistor - 10K Ohm or Greater			
EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB D633A109-AKS 26-330-00-01		

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01
				MECH INSP
TASK 26-23-02-000-801				
1. Cargo Fire Extinguisher Bottle Squib Removal				
(Figure 1)				
A. General				
(1) This task gives instructions to remove the Cargo Fire Extinguisher Bottle Squib.				
B. Prepare for the Removal				
SUBTASK 26-23-02-860-001				
(1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811.				
SUBTASK 26-23-02-860-002				
(2) Open these circuit breakers and install safety tags:				
CAPT Electrical System Panel, P18-3				
Row Col Number Name				
B 16 C01528 CARGO FIRE EXT 2				
B 17 C01526 CARGO FIRE EXT 1				
SUBTASK 26-23-02-010-012				
(3) Open this access door:				
Number Name/Location				
821 Forward Cargo Door				
SUBTASK 26-23-02-010-002				
(4) Remove the lining at the aft end of the forward cargo compartment to get access to the air conditioning distribution bay.				
SUBTASK 26-23-02-860-003				
(5) If it is necessary, remove the air conditioning duct that is in front of the fire extinguishing bottle.				
C. Cargo Fire Extinguisher Bottle Squib Removal				
SUBTASK 26-23-02-860-018				
(1) Before you touch the squibs, do the procedure for devices that are sensitive to electrostatic discharge (AMM TASK 20-10-33-000-801).				
SUBTASK 26-23-02-020-001				
WARNING: DO NOT TOUCH THE PINS ON THE SQUIBS. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.				
(2) Disconnect the electrical connectors from the applicable squib.				
(a) FWD Squib (M2249) connector, D12794.				
(b) FWD Squib (M2264) connector, D12818.				
(c) AFT Squib (M2250) connector, D12796.				
(d) AFT Squib (M2265) connector, D12820.				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB D633A109-AKS 26-330-00-01	Page 3 of 10 Jun 15/2015
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AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01	MECH	INSP
				SUBTASK 26-23-02-480-001		
				WARNING: PUT A PROTECTIVE CAP ON THE FIRE BOTTLE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE FIRE BOTTLE SQUIB, THE FIRE BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.		
				(3) Put a protective cap on the squib.		
				SUBTASK 26-23-02-020-002		
				(4) Remove the MS20995C32 lockwire, G01048, from the squib if present.		
				SUBTASK 26-23-02-020-003		
				(5) Remove the squib from the discharge head.		
				———— END OF TASK ————		

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB
		D633A109-AKS 26-330-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01																
				MECH INSP																
TASK 26-23-02-400-801																				
2. Cargo Fire Extinguisher Bottle Squib Installation (Figure 1)																				
A. General (1) This task gives instructions to install the Cargo Fire Extinguisher Bottle Squib																				
B. Prepare for the Installation SUBTASK 26-23-02-860-004 (1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811. SUBTASK 26-23-02-860-005 (2) Make sure that these circuit breakers are open and have safety tags: CAPT Electrical System Panel, P18-3 <table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>B</td><td>16</td><td>C01528</td><td>CARGO FIRE EXT 2</td></tr><tr><td>B</td><td>17</td><td>C01526</td><td>CARGO FIRE EXT 1</td></tr></tbody></table> SUBTASK 26-23-02-010-013 (3) Open this access door: <table><thead><tr><th><u>Number</u></th><th><u>Name/Location</u></th></tr></thead><tbody><tr><td>821</td><td>Forward Cargo Door</td></tr></tbody></table> SUBTASK 26-23-02-010-004 (4) Remove the lining at the aft end of the forward cargo compartment to get access to the mix manifold bay.				<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	16	C01528	CARGO FIRE EXT 2	B	17	C01526	CARGO FIRE EXT 1	<u>Number</u>	<u>Name/Location</u>	821	Forward Cargo Door	
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																	
B	16	C01528	CARGO FIRE EXT 2																	
B	17	C01526	CARGO FIRE EXT 1																	
<u>Number</u>	<u>Name/Location</u>																			
821	Forward Cargo Door																			
C. Cargo Fire Extinguisher Bottle Squib Installation SUBTASK 26-23-02-420-001 (1) Do these steps to install the squib: WARNING: DO NOT TOUCH THE PINS ON THE SQUIBS. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT. (a) Before you touch the squibs, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks: <ul style="list-style-type: none">• ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802.• ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802. (b) Install an o-ring on the squib. (c) Install the squib in the discharge head. (d) Tighten the squib to 90 in-lb (10 N·m) - 100 in-lb (11 N·m). SUBTASK 26-23-02-420-003 (2) Connect aircraft wiring to the squib. (a) Remove the protective cap from the squib.																				

EFFECTIVITY
AKS ALLSOURCE
MRB**CARGO FIRE BOTTLE SQUIB****D633A109-AKS
26-330-00-01****Page 5 of 10
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AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01
				MECH INSP
(b) Attach the protective cap to the side of the fire extinguisher for later use.				SUBTASK 26-23-02-700-001
WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.				
(3) Do this to make sure that there is no stray voltage at the electrical squib connector:				
Fire Bottle Squib Electrical Connector				
	Engine	APU	Cargo	
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2	
<ul style="list-style-type: none"> (a) Connect the digital/analog multimeter, COM-1793, across the two pins. (b) Make sure that the current is less than 5 mA. (c) Connect a resistor, STD-1079, across the multimeter probes. (d) Make sure that the voltage is less than .250 V. (e) If necessary, repeat the steps above for the other squib electrical connectors. (f) Disconnect the multimeter. 				
SUBTASK 26-23-02-420-006				
<ul style="list-style-type: none"> (4) Make sure the squib pins are not bent or damaged. (5) Make sure the electrical connector is not damaged. <p><u>NOTE:</u> The squib pins can cause damage to the connector if the pins do not enter the electrical connector receptacles.</p>				
(6) Connect the electrical connector to the fire bottle squib.				
D. Cargo Fire Extinguisher Bottle Squib Installation Test				
SUBTASK 26-23-02-860-007				
(1) Remove the safety tags and close these circuit breakers:				
CAPT Electrical System Panel, P18-3				
Row	Col	Number	Name	
B	16	C01528	CARGO FIRE EXT 2	
B	17	C01526	CARGO FIRE EXT 1	
SUBTASK 26-23-02-710-001				
<ul style="list-style-type: none"> (2) On the cargo fire control panel, push and hold the TEST switch. (a) Make sure the green FWD and AFT squib test lights on the cargo fire control panel come on. 				
SUBTASK 26-23-02-710-002				
<ul style="list-style-type: none"> (3) Release the TEST switch. (a) Make sure the green FWD and AFT squib test lights go off. 				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB	
		D633A109-AKS 26-330-00-01	Page 6 of 10 Oct 15/2014

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01
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E. Put the Airplane Back to Its Usual Condition

SUBTASK 26-23-02-410-001

- (1) If it was removed, install the air conditioning duct in front of the fire extinguishing bottle.

SUBTASK 26-23-02-410-002

- (2) Install the lining at the aft end of the forward cargo compartment.

SUBTASK 26-23-02-410-003

- (3) Close this access door:

Number Name/Location

821 Forward Cargo Door

SUBTASK 26-23-02-860-008

- (4) Do this task: Remove External Power, AMM TASK 24-22-00-860-814.

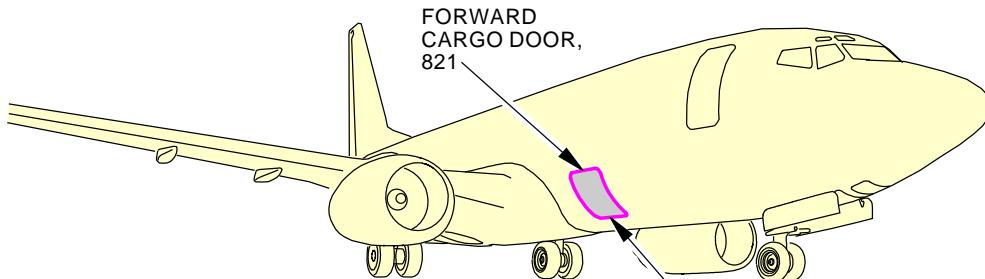
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EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB
		D633A109-AKS 26-330-00-01

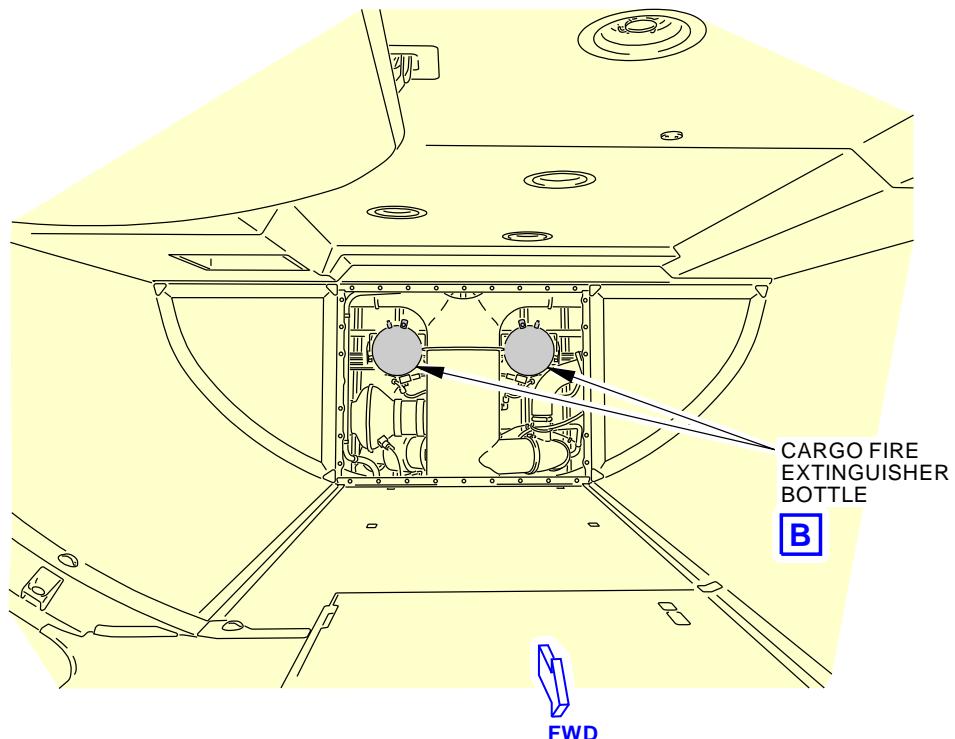
**Page 7 of 10
Jun 15/2015**

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01
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FORWARD CARGO COMPARTMENT

A

FORWARD CARGO COMPARTMENT

A

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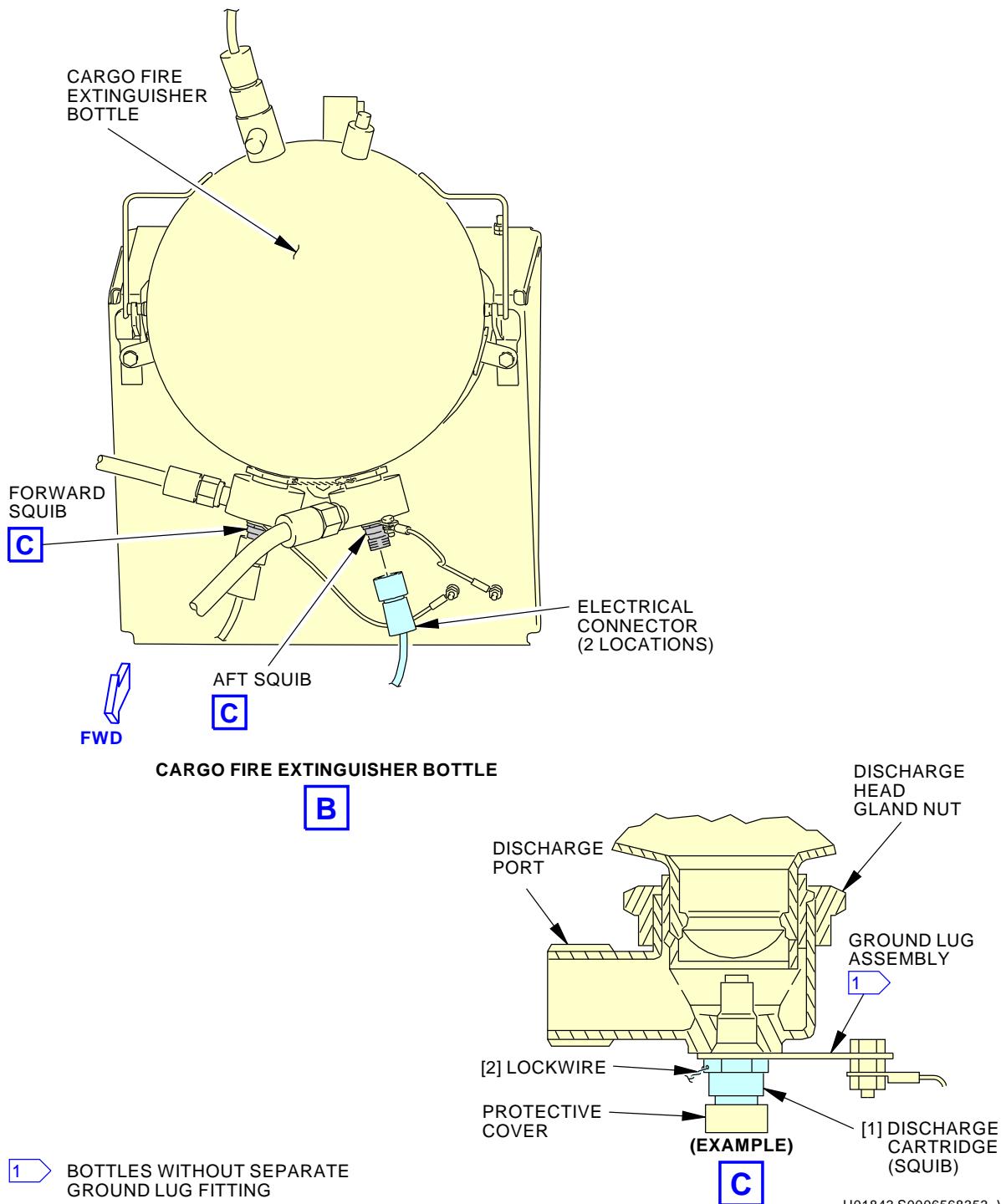
**Cargo Compartment Fire Extinguisher Bottle Squib Installation
Figure 1 (Sheet 1 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB
		D633A109-AKS 26-330-00-01

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AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01
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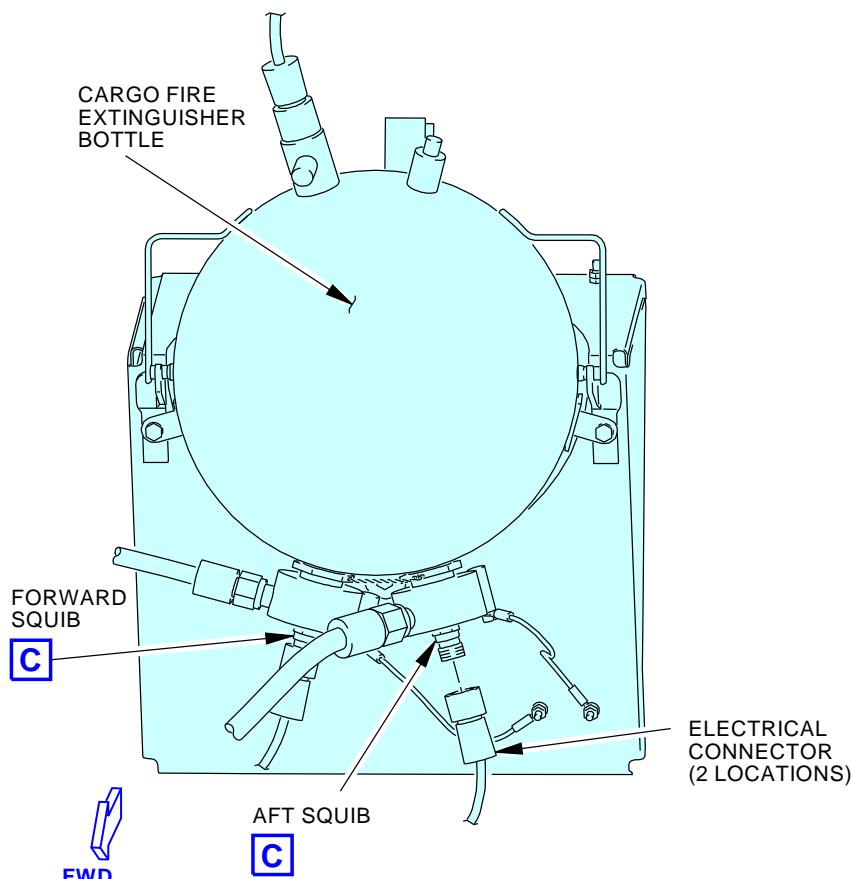
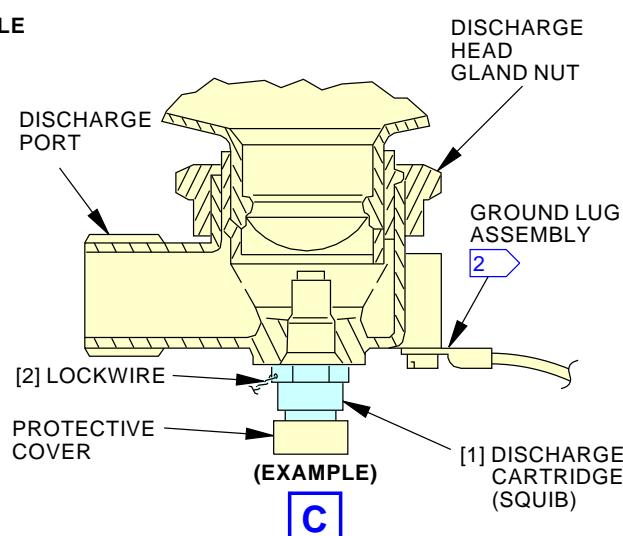
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**Cargo Compartment Fire Extinguisher Bottle Squib Installation
Figure 1 (Sheet 2 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB
		D633A109-AKS 26-330-00-01

AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-330-00-01
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**CARGO FIRE EXTINGUISHER BOTTLE****B****2** BOTTLES WITH SEPARATE GROUND LUG FITTING**Cargo Compartment Fire Extinguisher Bottle Squib Installation
Figure 1 (Sheet 3 of 3)**

N89602 S0006568356_V2

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE SQUIB
		D633A109-AKS 26-330-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE CARGO FIRE EXTINGUISHING TUBING			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-340-00-01
TAIL NUMBER	WORK AREA FWD CARGO	VERSION 1.1	THRESHOLD 12000 FH	REPEAT 12000 FH	RELATED CARD APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL	ACCESS 121HW			
		NOTE			

Functional check cargo fire extinguishing distribution system (flow and pressure check).

ACCESS NOTE: Removal of air conditioning ducting may be required.

A. Consumable Materials

Reference	Description	Specification
D50004	Compound - Antiseize	BMS3-28
G50136	Compound - Corrosion Inhibiting, Non-drying	BMS3-38
G50237	Compound - Corrosion Inhibiting, Non-drying - Cor-Ban 27L	BMS3-38, NSN 6850-01-469-7645

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
SPL-1648	Discharge Lines - Cargo Fire Extinguisher Nozzle Caps Part #: B26002-1 Supplier: 81205
STD-1115	Source - Nitrogen, 0-100 PSIG

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING
		D633A109-AKS 26-340-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-340-00-01
				MECH INSP
TASK 26-23-00-720-801				
1. Cargo Fire Extinguishing Discharge Line Flow Test (Figure 1)				
A. General (1) The cargo fire extinguishing discharge line flow test makes sure there is nothing blocking the discharge lines. (2) There are two bottles on the airplane. The contents of bottle 1 is released when the discharge switch is pushed. Bottle 2 is discharged 60 minutes later through a flow filter/dryer. In this test, the discharge lines will be removed from bottle 1, and from the output of the filter/dryers. The flow will be checked from the output of bottle 1 through the discharge nozzles and the filter/dryer output line.				
B. Cargo Fire Extinguishing Discharge Line Flow Test				
SUBTASK 26-23-00-030-002 CAUTION: USE TWO WRENCHES TO LOOSEN OR TIGHTEN THE FITTING. IF YOU TWIST THE TUBE OR FITTING, YOU CAN CAUSE DAMAGE TO THEM.				
(1) Remove the discharge tubes from the discharge outlets on cargo fire bottle 1.				
SUBTASK 26-23-00-020-017 (2) Remove the discharge tubes from the outputs of the two pressure filter/dryers connected to bottle 2.				
SUBTASK 26-23-00-480-001 CAUTION: DO NOT APPLY AIR PRESSURE TO THE OUTPUT OF THE PRESSURE FILTER/DRYER OR YOU COULD DAMAGE THE FILTER/DRYER.				
(3) Connect a 0-100 PSIG nitrogen source, STD-1115 to the forward (yellow) cargo bottle discharge line at bottle 1. NOTE: Alternate pressure sources can be used. The pressure source must have an accuracy of 1 PSIG and be capable of applying a pressure of 35 to 50 PSIG. (a) Make sure air is flowing through all open nozzles in the forward cargo compartment. (b) Make sure air is flowing through the output line that was removed from the forward filter/dryer of bottle 2.				
SUBTASK 26-23-00-080-032 (4) Remove the pressure source from the discharge line.				
SUBTASK 26-23-00-480-002 CAUTION: DO NOT APPLY AIR PRESSURE TO THE OUTPUT OF THE PRESSURE FILTER/DRYER OR YOU COULD DAMAGE THE FILTER/DRYER.				
(5) Connect a 0-100 PSIG nitrogen source, STD-1115 to the aft (blue) cargo bottle discharge line at bottle 1. NOTE: Alternate pressure sources can be used. The pressure source must have an accuracy of 1 PSIG and be capable of applying a pressure of 35 to 50 PSIG. (a) Make sure air is flowing through all open nozzles in the aft cargo compartment.				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING D633A109-AKS 26-340-00-01	Page 2 of 9 Feb 15/2015
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AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-340-00-01
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- (b) Make sure air is flowing through the output line that was removed from the aft filter/dryer connected to fire bottle 2.

MECH

INSP

SUBTASK 26-23-00-080-003

- (6) Remove the pressure source from the discharge line.

SUBTASK 26-23-00-420-003

- (7) Connect the discharge tubes to the discharge outlets on bottle 1.

WARNING: DO NOT GET THE CORROSION-INHIBITING COMPOUND ON YOUR SKIN, IN YOUR EYES, OR ON YOUR CLOTHES. THE COMPOUND IS POISONOUS AND FLAMMABLE. USE APPROVED GLOVES, AND EYE PROTECTION. MAKE SURE THAT THERE IS GOOD AIRFLOW IN THE WORK AREA. KEEP THE COMPOUND AWAY FROM SPARKS AND FLAMES. THE COMPOUND CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (a) Apply a layer of compound, D50004 to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.
- 1) Permitted alternative anti-corrosion compounds to use in this location are Cor-Ban 27L Compound, G50237 or corrosion inhibiting compound, G50136.

- (b) Connect the tube assemblies to the discharge heads.

NOTE: The tube assemblies that are marked in yellow supply the extinguishing agent to the forward cargo compartment and the ones marked in blue supply the aft cargo compartment.

- (c) Remove any unwanted compound.
- (d) Tighten the nuts on the tube assemblies to these torque values:

Discharge Tube Torque Values

Nut Size	Tube Outer Diameter	Torque (MIN)	Torque (MAX)
7/8 in	1/2 in	266 in-lb (30 N·m)	294 in-lb (33 N·m)
1 in	5/8 in	342 in-lb (39 N·m)	378 in-lb (43 N·m)

SUBTASK 26-23-00-420-016

- (8) Connect the discharge tubes to the discharge outlets on the filter/dryers connected to fire bottle 2.

WARNING: DO NOT GET THE CORROSION-INHIBITING COMPOUND ON YOUR SKIN, IN YOUR EYES, OR ON YOUR CLOTHES. THE COMPOUND IS POISONOUS AND FLAMMABLE. USE APPROVED GLOVES, AND EYE PROTECTION. MAKE SURE THAT THERE IS GOOD AIRFLOW IN THE WORK AREA. KEEP THE COMPOUND AWAY FROM SPARKS AND FLAMES. THE COMPOUND CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (a) Apply a layer of compound, D50004 to the outlet threads, outlet end, and outlet inner diameter where the tube assemblies attach to the filter/dryers.
- 1) Permitted alternative anti-corrosion compounds to use in this location are Cor-Ban 27L Compound, G50237 or corrosion inhibiting compound, G50136.

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING	
		D633A109-AKS 26-340-00-01	Page 3 of 9 Jun 15/2016

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-340-00-01
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- (b) Connect the tube assemblies to the filter/dryers.

NOTE: The tube assemblies that are marked in yellow supply the extinguishing agent to the forward cargo compartment and the ones marked in blue supply the aft cargo compartment.

- (c) Remove any unwanted compound.
(d) Tighten the nuts on the tube assemblies to these torque values:

Discharge Tube Torque Values

Nut Size	Tube Outer Diameter	Torque (MIN)	Torque (MAX)
7/8 in	1/2 in	266 in-lb (30 N·m)	294 in-lb (33 N·m)
1 in	5/8 in	342 in-lb (39 N·m)	378 in-lb (43 N·m)

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING	
		D633A109-AKS 26-340-00-01	Page 4 of 9 Jun 15/2016

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-340-00-01
				MECH INSP
TASK 26-23-00-730-803				
2. Cargo Fire Extinguishing Discharge Line Pressure Test (Figure 1)				
A. General (1) The pressure test is the same for all cargo compartments.				
B. Cargo Fire Extinguishing Discharge Line Pressure Test				
SUBTASK 26-23-00-020-005				
CAUTION: USE TWO WRENCHES TO LOOSEN OR TIGHTEN THE FITTING. IF YOU TWIST THE TUBE OR FITTING, YOU CAN CAUSE DAMAGE TO THEM.				
(1) Remove the discharge tubes from the discharge outlets on cargo fire bottle 1.				
SUBTASK 26-23-00-020-018				
(2) Remove the discharge tubes from the filter/dryer outputs on cargo fire bottle 2. (a) Plug the discharge tubes.				
SUBTASK 26-23-00-480-003				
(3) Connect a 0-100 PSIG nitrogen source, STD-1115, to the forward (yellow) cargo bottle 1 discharge line.				
NOTE: Alternate pressure sources can be used. The pressure source must have an accuracy of 1 PSIG and be capable of applying a pressure of up to 55 PSIG.				
SUBTASK 26-23-00-480-004				
(4) Install the nozzle caps, SPL-1648, on the fire extinguishing nozzles in the forward cargo compartment.				
SUBTASK 26-23-00-780-001				
(5) Pressurize the fire extinguishing plumbing to 50-55 psig (344.7-379.2 kPa). (a) Wait at least 3 minutes for the air pressure to stabilize.				
SUBTASK 26-23-00-780-002				
(6) Turn off the pressure source. (a) Record the stabilized air pressure. (b) Wait 10 minutes, then check the pressure. 1) Make sure the pressure loss during the 10 minute waiting period is not more than 5.0 psi (3.4 kPa).				
SUBTASK 26-23-00-780-003				
(7) Bleed the fire extinguishing plumbing to 0 psi and disconnect the pressure source.				
SUBTASK 26-23-00-080-004				
(8) Remove the nozzle caps, SPL-1648, from the discharge nozzles in the forward cargo compartment.				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING D633A109-AKS 26-340-00-01	Page 5 of 9 Jun 15/2016
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-340-00-01
				MECH INSP
	SUBTASK 26-23-00-480-005			
(9)	Connect a 0-100 PSIG nitrogen source, STD-1115, to the aft (blue) cargo bottle 1 discharge line.			
	<u>NOTE:</u> Alternate pressure sources can be used. The pressure source must have an accuracy of 1 PSIG and be capable of applying a pressure of up to 55 PSIG.			
	SUBTASK 26-23-00-480-006			
(10)	Install the nozzle caps, SPL-1648, on the fire extinguishing nozzles in the aft cargo compartment.			
	SUBTASK 26-23-00-780-004			
(11)	Pressurize the fire extinguishing plumbing to 50-55 psig (344.7-379.2 kPa).			
(a)	Wait at least 3 minutes for the air pressure to stabilize.			
	SUBTASK 26-23-00-780-005			
(12)	Turn off the pressure source.			
(a)	Record the stabilized air pressure.			
(b)	Wait 10 minutes, then check the pressure.			
1)	Make sure the pressure loss during the 10 minute waiting period is not more than 5.0 psi (3.4 kPa).			
	SUBTASK 26-23-00-780-006			
(13)	Bleed the fire extinguishing plumbing to 0 psi and disconnect the pressure source.			
	SUBTASK 26-23-00-080-005			
(14)	Remove the nozzle caps, SPL-1648, from the discharge nozzles in the aft cargo compartment.			
	SUBTASK 26-23-00-080-018			
(15)	Remove the plugs from the filter/dryer output lines on cargo fire bottle 2.			
	SUBTASK 26-23-00-420-004			
(16)	Connect the discharge tubes to the discharge outlets on bottle 1.			
	<u>WARNING:</u> DO NOT GET THE CORROSION-INHIBITING COMPOUND ON YOUR SKIN, IN YOUR EYES, OR ON YOUR CLOTHES. THE COMPOUND IS POISONOUS AND FLAMMABLE. USE APPROVED GLOVES, AND EYE PROTECTION. MAKE SURE THAT THERE IS GOOD AIRFLOW IN THE WORK AREA. KEEP THE COMPOUND AWAY FROM SPARKS AND FLAMES. THE COMPOUND CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.			
(a)	Apply a layer of compound, D50004, (preferred) to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.			
1)	Permitted alternative anti-corrosion compounds for use in this location are Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136.			
(b)	Connect the tube assemblies to the discharge heads.			
	<u>NOTE:</u> The tube assemblies that are marked in yellow supply the extinguishing agent to the forward cargo compartment and the ones marked in blue supply the aft cargo compartment.			

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING
		D633A109-AKS 26-340-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-340-00-01
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- (c) Remove any unwanted compound.
(d) Tighten the nuts on the tube assemblies to these torque values:

Discharge Tube Torque Values

Nut Size	Tube Outer Diameter	Torque (MIN)	Torque (MAX)
7/8 in	1/2 in	266 in-lb (30 N·m)	294 in-lb (33 N·m)
1 in	5/8 in	342 in-lb (39 N·m)	378 in-lb (43 N·m)

SUBTASK 26-23-00-020-019

- (17) Connect the discharge tubes to the filter/dryer outputs on cargo fire bottle 2.

WARNING: DO NOT GET THE CORROSION-INHIBITING COMPOUND ON YOUR SKIN, IN YOUR EYES, OR ON YOUR CLOTHES. THE COMPOUND IS POISONOUS AND FLAMMABLE. USE APPROVED GLOVES, AND EYE PROTECTION. MAKE SURE THAT THERE IS GOOD AIRFLOW IN THE WORK AREA. KEEP THE COMPOUND AWAY FROM SPARKS AND FLAMES. THE COMPOUND CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (a) Apply a layer of compound, D50004, (preferred) to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.
1) Permitted alternative anti-corrosion compounds for use in this location are Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136.
(b) Connect the tube assemblies to the discharge heads.
NOTE: The tube assemblies that are marked in yellow supply the extinguishing agent to the forward cargo compartment and the ones marked in blue supply the aft cargo compartment.
(c) Remove any unwanted compound.
(d) Tighten the nuts on the tube assemblies to these torque values:

Discharge Tube Torque Values

Nut Size	Tube Outer Diameter	Torque (MIN)	Torque (MAX)
7/8 in	1/2 in	266 in-lb (30 N·m)	294 in-lb (33 N·m)
1 in	5/8 in	342 in-lb (39 N·m)	378 in-lb (43 N·m)

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING	
		D633A109-AKS 26-340-00-01	Page 7 of 9 Jun 15/2016

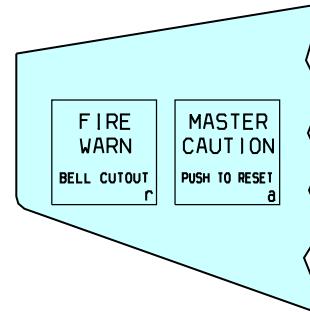
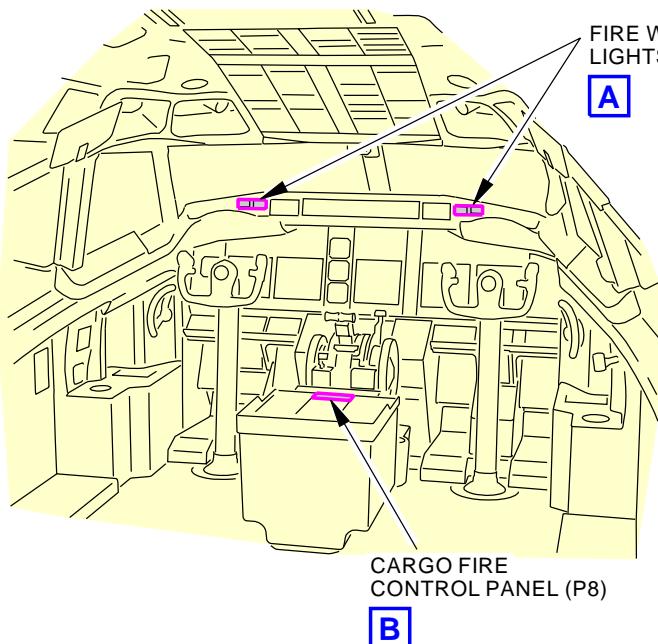
AKS737-600/700/800/900
TASK CARDS

DATE

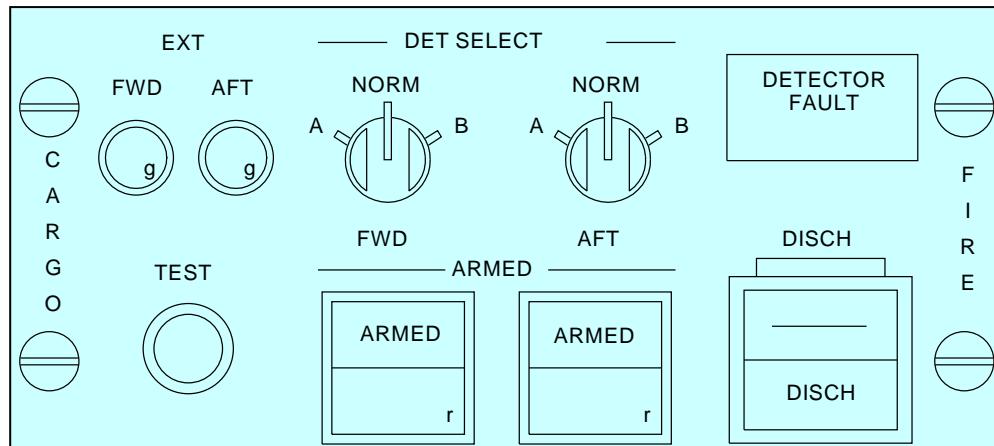
TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-340-00-01

FLIGHT COMPARTMENT

FIRE WARN LIGHTS (P7)
(EXAMPLE)**A**

CARGO FIRE CONTROL PANEL (P8)

BCargo Bay Fire Extinguishing Test
Figure 1 (Sheet 1 of 2)

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EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING TUBING
		D633A109-AKS 26-340-00-01

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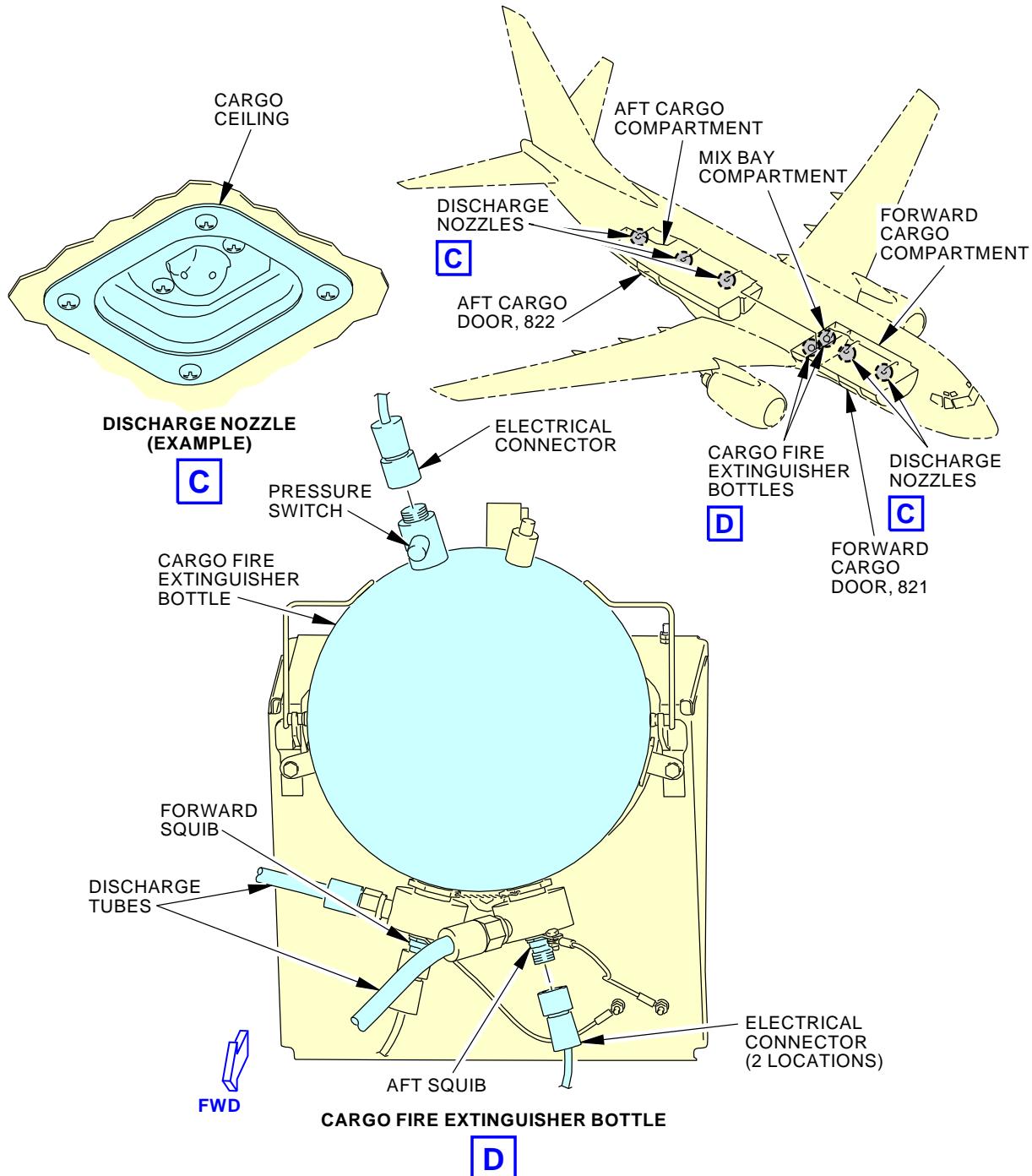
AKS737-600/700/800/900
TASK CARDS

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-340-00-01

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Cargo Bay Fire Extinguishing Test
Figure 1 (Sheet 2 of 2)EFFECTIVITY
AKS ALLSOURCE
MRB**CARGO FIRE EXTINGUISHING TUBING****D633A109-AKS**
26-340-00-01Page 9 of 9
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AKS
**737-600/700/800/900
TASK CARDS**

AIRLINE CARD NO		TITLE CARGO FIRE BOTTLE PRESSURE SWITCH			BOEING CARD NO. 26-360-00-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA FWD CARGO	VERSION 1.1	THRESHOLD NOTE	REPEAT	APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL	ACCESS 121HW NOTE			ZONE 125

Functional check the cargo fire bottle pressure switch (off aircraft).

INTERVAL NOTE: At vendor's recommendation.

ACCESS NOTE: Removal of air conditioning ducting may be required.

A. References

Reference	Title
AMM 20-10-33-000-801	Power Device Cartridge (Squib) Removal (P/B 401)
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 26-23-01-100-801	Cargo Fire Extinguishing System Cleaning (P/B 701)
AMM 26-23-02-400-801	Cargo Fire Extinguisher Bottle Squib Installation (P/B 401)
AMM 26-23-04-000-801	Cargo Fire Extinguishing Filter/Dryer Removal (P/B 401)
AMM 26-23-04-400-801	Cargo Fire Extinguishing Filter/Dryer Installation (P/B 401)
SWPM 20-20-00	Electrical Bonding Processes

B. Consumable Materials

Reference	Description	Specification
B00130	Alcohol - Isopropyl	TT-I-735
D50004	Compound - Antiseize	BMS3-28
G00034	Cotton Wiper - Process Cleaning Absorbent Wiper (Cheesecloth, Gauze)	BMS15-5 Class A
G01048	Lockwire - MS20995C32, Corrosion Resistant Steel - 0.032 Inch (0.8128 mm) Diameter	NASM20995
G50136	Compound - Corrosion Inhibiting, Non-drying	BMS3-38
G50237	Compound - Corrosion Inhibiting, Non-drying - Cor-Ban 27L	BMS3-38, NSN 6850-01-469-7645

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
Reference	Description			
COM-1550	Bonding Meters - Approved, Intrinsically Safe (Approved for use in Class I, Divisions I & II hazardous (classified) locations. Outside these hazardous locations, COM-614 can be used in lieu of COM-1550). Part #: C15292 (MODEL T477W) Supplier: 01014 Part #: M1 Supplier: 3AD17 Opt Part #: M1B Supplier: 3AD17			
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536			
COM-4907	Force Gauge With Resolution of 0.10 lb, +/-0.3% or better Part #: FDIX 100 Supplier: 0BFD9 Part #: FDIX 50 Supplier: 0BFD9 Part #: LG-5KG Supplier: 92456 Part #: PS-10 Supplier: 1GHM7 Opt Part #: FDI 100 Supplier: 0BFD9 Opt Part #: FDI 50 Supplier: 0BFD9 Opt Part #: FDV 100 Supplier: 0BFD9 Opt Part #: FDV 50 Supplier: 0BFD9			
STD-1079	Resistor - 10K Ohm or Greater			

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
				MECH INSP
TASK 26-23-01-000-801-001				
1. Cargo Fire Extinguisher Bottle Removal				
(Figure 1)				
A. General				
(1) This task gives instructions to remove the Cargo Fire Extinguisher Bottle.				
B. Prepare for the Removal				
SUBTASK 26-23-01-960-004-001				
(1) When the extinguisher bottles are discharged, the filter/dryer must also be replaced. Do these tasks:				
(a) Cargo Fire Extinguishing Filter/Dryer Removal, AMM TASK 26-23-04-000-801.				
(b) Cargo Fire Extinguishing Filter/Dryer Installation, AMM TASK 26-23-04-400-801.				
SUBTASK 26-23-01-860-016-001				
(2) Open these circuit breakers and install safety tags:				
CAPT Electrical System Panel, P18-3				
Row Col Number Name				
B 16 C01528 CARGO FIRE EXT 2				
B 17 C01526 CARGO FIRE EXT 1				
SUBTASK 26-23-01-010-020				
(3) Open this access panel:				
Number Name/Location				
821 Forward Cargo Door				
SUBTASK 26-23-01-860-003-001				
(4) Remove the lining at the aft end of the forward cargo compartment to get access to the air conditioning distribution bay.				
SUBTASK 26-23-01-860-004-001				
(5) If it is necessary, remove the air conditioning duct that is in front of the fire extinguishing bottle.				
C. Cargo Fire Extinguisher Bottle Removal				
SUBTASK 26-23-01-020-001-001				
(1) Disconnect the electrical connectors from the cargo fire extinguisher bottle [1].				
WARNING: DO NOT TOUCH THE PINS ON THE SQUIB. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.				
(a) Before you touch the squibs, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:				
• Power Device Cartridge (Squib) Removal, AMM TASK 20-10-33-000-801				
(b) Disconnect the pressure switch connector, D12792 from cargo fire extinguisher bottle [1].				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01			
				<table border="1"><tr><td style="width: 80%;"></td><td>MECH</td><td>INSP</td></tr></table>		MECH	INSP
	MECH	INSP					

- (c) Disconnect the FWD squib (M2249) connector, D12794 from cargo fire extinguisher bottle [1].
- (d) Disconnect the AFT squib (M2250) connector, D12796 from cargo fire extinguisher bottle [1].
- (e) Disconnect the pressure switch connector, D12816 from No. 2 cargo fire extinguisher bottle [1].
- (f) Disconnect the FWD squib (M2264) connector, D12818 from No. 2 cargo fire extinguisher bottle [1].
- (g) Disconnect the AFT squib (M2265) connector, D12820 from No. 2 cargo fire extinguisher bottle [1].

SUBTASK 26-23-01-480-001-001

WARNING: PUT A PROTECTIVE CAP ON THE SQUIBS. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIBS, THE FIRE BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.

- (2) Put a protective cap on the bottle squibs.

SUBTASK 26-23-01-020-002-001

- (3) Remove the nut [4] securing the ground strap to the bottle ground lug.

SUBTASK 26-23-01-860-005-001

- (4) Disconnect the discharge tubes from the bottle discharge ports.

SUBTASK 26-23-01-420-044

- (5) Install the anti-thrust caps on each of the bottle discharge ports.

SUBTASK 26-23-01-420-050

- (6) Install the protective caps on each of the discharge tubes.

SUBTASK 26-23-01-020-003-001

- (7) Remove the bolts [2] and the washers [3] securing the bottle to the support bracket.

SUBTASK 26-23-01-020-004-001

- (8) Use the service handles to remove the bottle.

———— END OF TASK ———

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
				MECH INSP
TASK 26-23-01-400-802-001				
2. Cargo Fire Extinguisher Bottle Installation				
(Figure 1)				
A. General				
(1) This task gives instructions to install the Cargo Fire Extinguisher Bottle.				
B. Prepare for the Installation				
SUBTASK 26-23-01-860-017-001				
(1) Make sure that these circuit breakers are open and have safety tags:				
CAPT Electrical System Panel, P18-3				
Row Col Number Name				
B 16 C01528 CARGO FIRE EXT 2				
B 17 C01526 CARGO FIRE EXT 1				
SUBTASK 26-23-01-010-021				
(2) Open this access door:				
Number Name/Location				
821 Forward Cargo Door				
SUBTASK 26-23-01-860-007-001				
(3) Remove the lining at the aft end of the forward cargo compartment to get access to the air conditioning distribution bay.				
SUBTASK 26-23-01-860-036-001				
(4) If it is necessary, remove the air conditioning duct that is in front of the fire extinguisher bottle.				
C. Cargo Fire Extinguisher Bottle Installation				
SUBTASK 26-23-01-200-001-001				
(1) If the previous bottle was discharged, do this task: Cargo Fire Extinguishing System Cleaning, AMM TASK 26-23-01-100-801.				
SUBTASK 26-23-01-420-027-001				
(2) If either fire bottle 1 or 2 was discharged, remove the filter/dryer in that discharge line and replace it with a new filter/dryer.				
<u>NOTE:</u> For example, if either fire bottle 1 or 2 was discharged into the aft cargo compartment, the filter/dryer on the aft discharge line would have to be replaced. The filter/dryer on the forward discharge line would not have to be replaced.				
These are the tasks:				
• Cargo Fire Extinguishing Filter/Dryer Removal, AMM TASK 26-23-04-000-801.				
• Cargo Fire Extinguishing Filter/Dryer Installation, AMM TASK 26-23-04-400-801.				
SUBTASK 26-23-01-420-001-001				
(3) Put the bottle in position in the airplane.				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01			
WARNING: DO NOT TOUCH THE PINS ON THE SQUIB. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.				MECH INSP			
WARNING: DO NOT MOVE THE BOTTLE WITHOUT A CAP ON THE PORTS. DO NOT LET THE BOTTLE HIT THE AIRPLANE. BE CAREFUL NOT TO DAMAGE THE BOTTLE. IF THE BOTTLE IS ACCIDENTLY DISCHARGED, IT CAN CAUSE INJURY TO PERSONS.							
(a) Before you install the fire extinguishing bottle, weigh the bottle in accordance with the manufacturers instructions and make sure its weight loss is not more than the weight shown in Table 1 (see also Figure 1 (Sheet 4)).							
NOTE: Depending on the bottle manufacturer and/or bottle part number, the measured weight marked on the bottle may or may not include some of the protective caps.							
Table 1							
Bottle Part Number		Weight Tolerance					
473957-X		0.25 lb (0.11 kg)					
34600010-XX		0.10 lb (0.05 kg)					
474103-X		0.063 lb (0.029 kg)					
1) Use force gauge, COM-4907 to weigh the bottle.							
AKS ALL; AIRPLANES WITH KIDDE FIRE BOTTLES							
(b) Leave the fill/safety protective cap on the bottle.							
AKS ALL							
(c) Lift the cargo fire extinguisher bottle [1] by the service handles and install the bottle mounting lugs on the support bracket.							
SUBTASK 26-23-01-420-002-001							
(4) Install the bolts [2] and washers [3] that attach the bottle in the airplane.							
SUBTASK 26-23-01-420-006-001							
(5) Install nut [4] to attach the ground strap to the bottle and the mounting pan.							
SUBTASK 26-23-01-420-038							
(6) Measure the resistance between the cargo fire extinguisher bottle [1] and the mounting pan with an intrinsically safe approved bonding meter, COM-1550.							
(a) Make sure the resistance is not more than 0.001 ohm.							
(b) If the resistance is more than 0.001 ohm, clean the bonding surfaces between the fire extinguishing bottle and the ground straps and retest (SWPM 20-20-00).							
1) Use a cotton wiper, G00034, made moist with alcohol, B00130.							
2) Immediately dry the surfaces with a new cotton wiper.							
SUBTASK 26-23-01-020-005-001							
(7) If the discharge heads are not aligned with the discharge tubes, do this step:							

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH	
		D633A109-AKS 26-360-00-01	Page 6 of 15 Jun 15/2016

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
				MECH INSP
(a) Loosen the discharge head gland nuts and adjust the discharge heads to give the best possible access to the tube connections.				
SUBTASK 26-23-01-020-021				
(8) Remove the protective caps from each of the discharge tubes.				
SUBTASK 26-23-01-080-001-001				
(9) Remove the anti-thrust caps from each of the discharge ports.				
SUBTASK 26-23-01-420-048				
(10) Use a lockwire to hang the anti-thrust caps on the discharge tubes.				
SUBTASK 26-23-01-620-002				
WARNING: DO NOT GET THE CORROSION-INHIBITING COMPOUND ON YOUR SKIN, IN YOUR EYES, OR ON YOUR CLOTHES. THE COMPOUND IS POISONOUS AND FLAMMABLE. USE APPROVED GLOVES, AND EYE PROTECTION. MAKE SURE THAT THERE IS GOOD AIRFLOW IN THE WORK AREA. KEEP THE COMPOUND AWAY FROM SPARKS AND FLAMES. THE COMPOUND CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.				
(11) Apply a layer of compound, D50004 (recommended), to the outlet threads, outlet end, and outlet inner diameter where the tube assembly attaches to the discharge head.				
(a) Permitted alternative anti-corrosion compounds to use in this location are Cor-Ban 27L Compound, G50237, or corrosion inhibiting compound, G50136.				
SUBTASK 26-23-01-420-003-001				
(12) Connect the FWD (Yellow) and AFT (Blue) discharge tubes to the discharge ports.				
(a) Refer to the outlet identification above each discharge outlet to make sure the tubes are connected to the correct ports.				
SUBTASK 26-23-01-420-004-001				
(13) If the gland nut was adjusted, do these steps:				
(a) Tighten the gland nuts to 660-780 inch-pounds (74-88 N·m).				
(b) Tighten the gland nut on bottle 1 and 2 to 660-780 inch-pounds (74-88 N·m).				
(c) Attach a MS20995C32 lockwire, G01048, from between the gland nuts.				
SUBTASK 26-23-01-420-005-001				
(14) Tighten the nuts on the tube assemblies to these torque values:				
Discharge Tube Torque Values				
Nut Size	Tube Outer Diameter	Torque (MIN)	Torque (MAX)	
7/8 in	1/2 in	266 in-lb (30 N·m)	294 in-lb (33 N·m)	
1 in	5/8 in	342 in-lb (39 N·m)	378 in-lb (43 N·m)	
AKS ALL; AIRPLANES WITH FIRE BOTTLES WITHOUT MANUAL OVERRIDE ON THE PRESSURE SWITCH				
SUBTASK 26-23-01-420-007-001				
(15) Install the electrical connector to the pressure switch.				
(a) Connect a jumper wire between pins 2 and 3 on D12792.				
EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH		
		D633A109-AKS		
		26-360-00-01		

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
AKS ALL; AIRPLANES WITH FIRE BOTTLES WITHOUT MANUAL OVERRIDE ON THE PRESSURE SWITCH (Continued)				MECH INSP
<p>1) Make sure the DISCH light on the cargo fire control panel, P8, comes on.</p> <p>2) Remove the jumper wire.</p>				
AKS ALL				
(b) Connect a jumper wire between pins 2 and 3 on D12816.				
1) Make sure the DISCH light on the Cargo Fire Control Panel comes on.				
2) Remove the jumper wire.				
AKS ALL; AIRPLANES WITH FIRE BOTTLES WITHOUT MANUAL OVERRIDE ON THE PRESSURE SWITCH				
(c) Install the electrical connector to the pressure switch, D12792 on bottle 1.				
AKS ALL				
(d) Install the electrical connector to the pressure switch, D12816 on bottle 2.				
AKS ALL; AIRPLANES WITH FIRE BOTTLES WITH MANUAL OVERRIDE ON THE PRESSURE SWITCH				
SUBTASK 26-23-01-710-001-001				
(16) Do a test of the fire extinguisher pressure switch.				
(a) Push and hold the pressure switch manual-override button on the fire extinguisher bottle.				
(b) Make sure the yellow DISCH light on the cargo fire control panel, P8, comes on.				
(c) Release the pressure switch manual-override button on the fire extinguisher bottle.				
(d) Make sure the DISCH light on the cargo fire control panel, P8, goes off.				
AKS ALL				
D. Connect the Bottle Squib Connectors				
SUBTASK 26-23-01-420-008-001				
(1) If the squib is not installed on the fire extinguisher bottle, do this task: Cargo Fire Extinguisher Bottle Squib Installation, AMM TASK 26-23-02-400-801.				
SUBTASK 26-23-01-420-009-001				
(2) Do this to install the electrical connector and test the FWD squib:				
<u>WARNING:</u> DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.				
(a) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:				
• ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802.				
• ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802.				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
		(b) Remove the protective cap from the forward squib. (c) Attach the protective cap to the side of the fire extinguisher for later use.		MECH INSP

SUBTASK 26-23-01-700-001

WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.

(3) Do this to make sure that there is no stray voltage at the electrical squib connector:

Fire Bottle Squib Electrical Connector

	Engine	APU	Cargo
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2

(a) Connect the digital/analog multimeter, COM-1793, across the two pins.
(b) Make sure that the current is less than 5 mA.
(c) Connect a resistor, STD-1079, across the multimeter probes.
(d) Make sure that the voltage is less than .250 V.
(e) If necessary, repeat the steps above for the other squib electrical connectors.
(f) Disconnect the multimeter.

SUBTASK 26-23-01-420-039

(4) Make sure the squib pins are not bent or damaged.
(5) Make sure the electrical connector is not damaged.

NOTE: The squib pins can cause damage to the connector if the pins do not enter the electrical connector receptacles.

(6) Connect electrical connector D12794 to the forward fire bottle squib on bottle 1.
(7) Connect electrical connector D12818 to the forward fire bottle squib on bottle 2.

SUBTASK 26-23-01-860-054

(8) Remove the safety tags and close these circuit breakers:

CAPT Electrical System Panel, P18-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	16	C01528	CARGO FIRE EXT 2
B	17	C01526	CARGO FIRE EXT 1

SUBTASK 26-23-01-700-002

(9) Push and hold the TEST switch on the cargo fire control panel.
(a) Make sure the green FWD EXT light on the cargo fire control panel comes on.
(b) Make sure the green AFT EXT light stays off.

(10) Release the TEST switch.
(a) Make sure the green FWD EXT light goes off.

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH	
		D633A109-AKS 26-360-00-01	Page 9 of 15 Jun 15/2016

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
				MECH INSP
SUBTASK 26-23-01-860-018-001				
(11) Open these circuit breakers and install safety tags:				
CAPT Electrical System Panel, P18-3				
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	
B	16	C01528	CARGO FIRE EXT 2	
B	17	C01526	CARGO FIRE EXT 1	
SUBTASK 26-23-01-420-010-001				
(12) Do this to install the electrical connector and test the AFT squib.				
(a) Remove the protective cap from the aft squib.				
(b) Attach the protective cap to the side of the fire extinguisher for later use.				
SUBTASK 26-23-01-700-003				
<u>WARNING:</u> MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.				
(13) Do this to make sure that there is no stray voltage at the electrical squib connector:				
Fire Bottle Squib Electrical Connector				
	Engine	APU	Cargo	
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2	
(a) Connect the digital/analog multimeter, COM-1793, across the two pins.				
(b) Make sure that the current is less than 5 mA.				
(c) Connect a resistor, STD-1079, across the multimeter probes.				
(d) Make sure that the voltage is less than .250 V.				
(e) If necessary, repeat the steps above for the other squib electrical connectors.				
(f) Disconnect the multimeter.				
SUBTASK 26-23-01-420-040				
(14) Make sure the squib pins are not bent or damaged.				
(15) Make sure the electrical connector is not damaged.				
NOTE: The squib pins can cause damage to the connector if the pins do not enter the electrical connector receptacles.				
(16) Connect electrical connector D12796 to the aft fire bottle squib on bottle 1.				
(17) Connect electrical connector D12820 to the aft fire bottle squib on bottle 2.				
SUBTASK 26-23-01-860-055				
(18) Remove the safety tags and close these circuit breakers:				
CAPT Electrical System Panel, P18-3				
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	
B	16	C01528	CARGO FIRE EXT 2	
B	17	C01526	CARGO FIRE EXT 1	
EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH		
		D633A109-AKS		
		26-360-00-01		
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
				MECH INSP
SUBTASK 26-23-01-700-004				
(19) Push and hold the TEST switch on the cargo fire control panel. (a) Make sure the green FWD and AFT EXT lights on the cargo fire control panel come on.				
(20) Release the TEST switch. (a) Make sure the green FWD and AFT EXT lights go off.				
E. Put the Airplane Back to Its Usual Condition				
SUBTASK 26-23-01-410-001-001				
(1) If it was removed, install the air conditioning duct in front of the fire extinguishing bottle.				
SUBTASK 26-23-01-410-002-001				
(2) Install the liner at the aft end of the forward cargo compartment.				
SUBTASK 26-23-01-410-003-001				
(3) Close this access door:				
Number Name/Location				
821 Forward Cargo Door				
———— END OF TASK ————				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

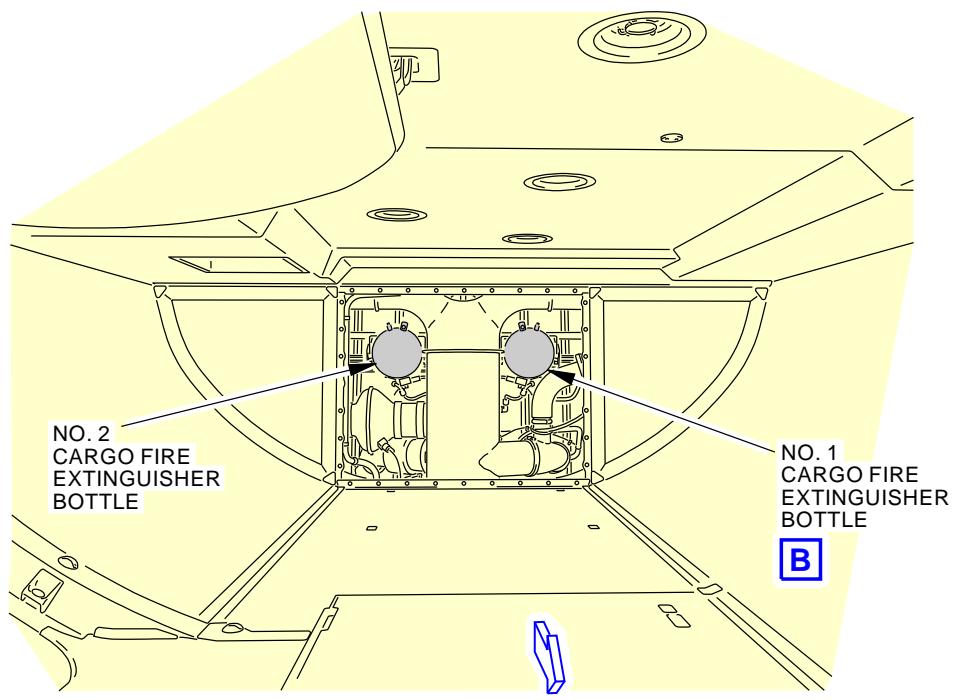
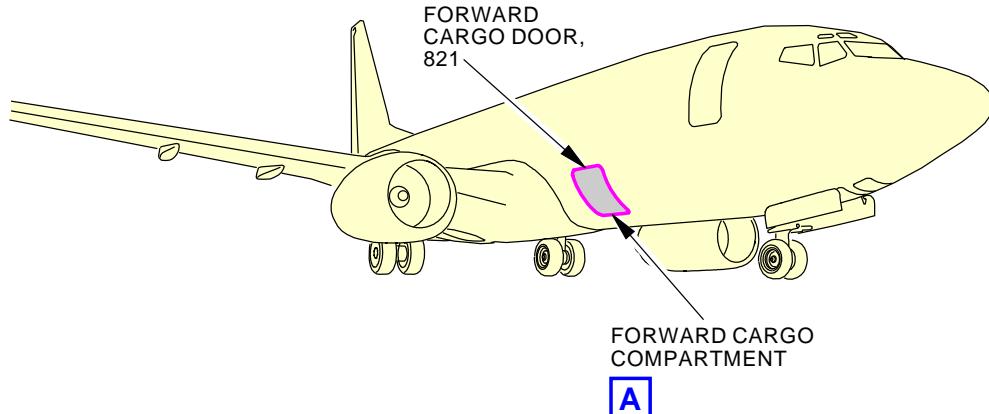
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-360-00-01

H77705 S0006568329_V2

**Cargo Compartment Fire Extinguisher Bottle Installation
Figure 1 (Sheet 1 of 4)**EFFECTIVITY
AKS ALLSOURCE
MRB**CARGO FIRE BOTTLE PRESSURE SWITCH****D633A109-AKS
26-360-00-01****Page 12 of 15
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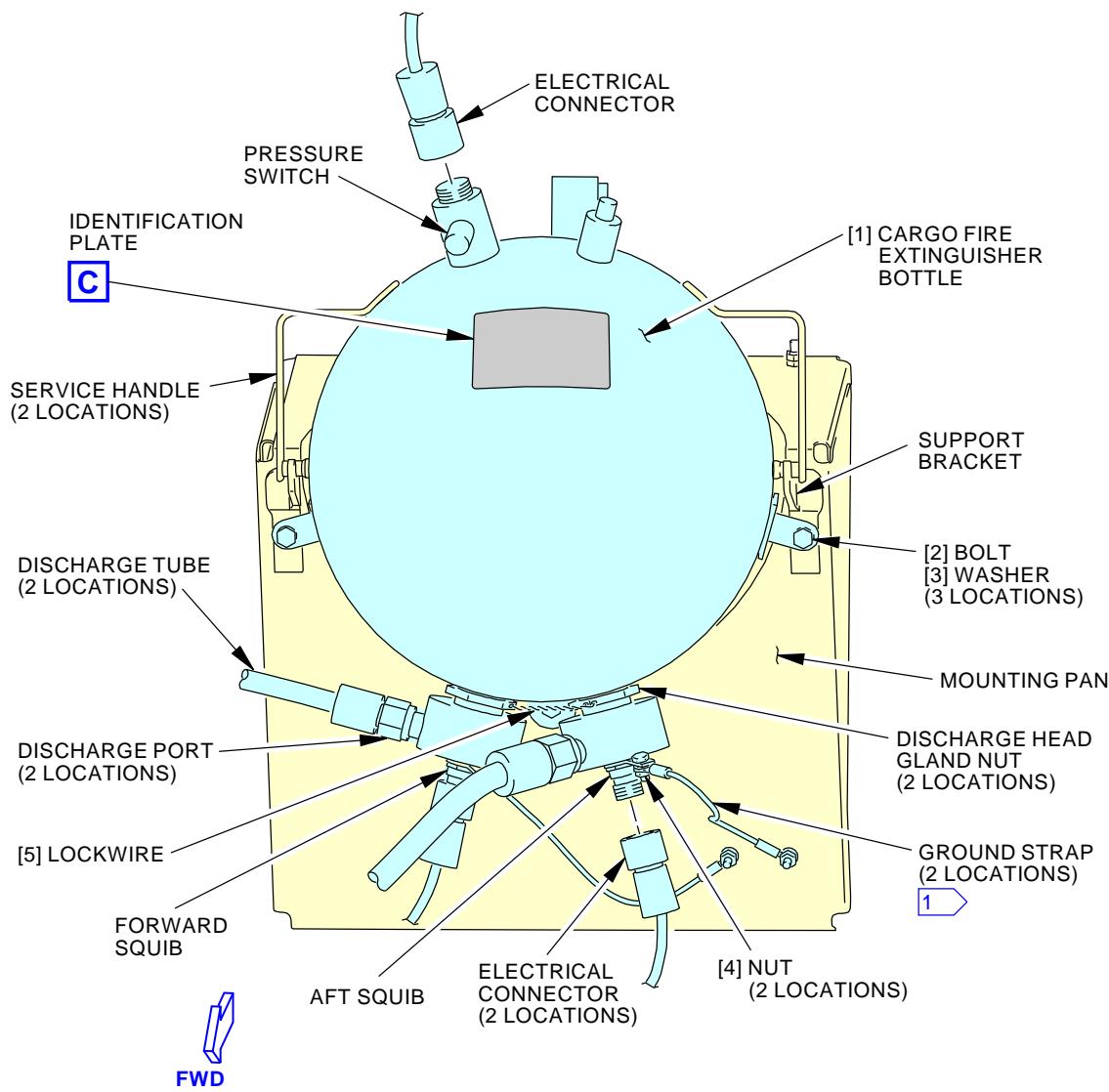
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

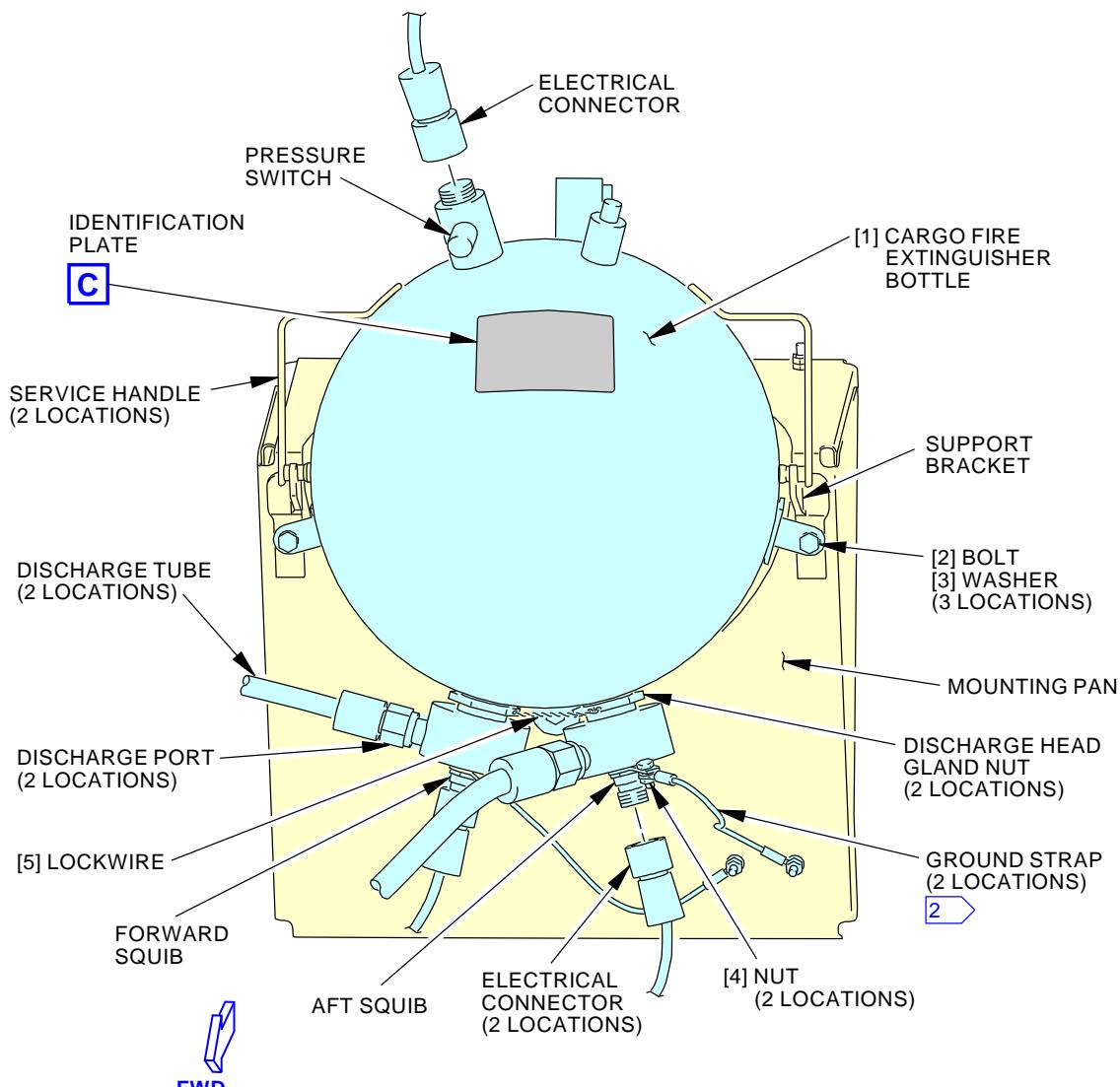
BOEING CARD NO.
26-360-00-01**1** BOTTLES WITHOUT SEPARATE GROUND STRAP FITTING

H01818 S0006568332_V4

**Cargo Compartment Fire Extinguisher Bottle Installation
Figure 1 (Sheet 2 of 4)**EFFECTIVITY
AKS ALLSOURCE
MRB**CARGO FIRE BOTTLE PRESSURE SWITCH****D633A109-AKS
26-360-00-01****Page 13 of 15
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AKS737-600/700/800/900
TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
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BOTTLES WITH SEPARATE GROUND STRAP FITTING

Cargo Compartment Fire Extinguisher Bottle Installation
Figure 1 (Sheet 3 of 4)

N89563 S0006568334_V4

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

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AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-360-00-01
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CONTAINER: FIRE EXTINGUISHING

KA NO	<input type="text"/>	X	KA SERNO	<input type="text"/>
SPEC	<input type="text"/>			
CONTROL NO.	<input type="text"/>			
WT (LESS DISCH HD/CART)				
EMPTY WT (ACTL)	<input type="text"/> LB	WT EA DISCH HD (NOW)	<input type="text"/> LB	
CBrF ₃ WT (NOW)	<input type="text"/> LB	WT EA CART (NOW)	<input type="text"/> LB	
N ₂ WT (NOW)	<input type="text"/> LB	MFG DATE	<input type="text"/>	
TOTAL WT (ACTL)	<input type="text"/> LB	LAST WT INSP DATE	<input type="text"/>	

IDENTIFICATION PLATE 324269

C

CONTAINER: FIRE EXTINGUISHING

AGENT: CBrF₃

LAST HYDRO	<input type="text"/>	<input type="text"/>	<input type="text"/>	WK NO
TEST DATE				
DATE OF MFG	<input type="text"/>	WK SERIAL NO	<input type="text"/>	
GROSS WT EMPTY	<input type="text"/> LB	TOTAL WT ACTUAL	<input type="text"/> LB	LAST WT INSPECTION
	<input type="text"/>		<input type="text"/>	<input type="text"/>
WEIGHT OF CHARGE (NOMINAL)				
AGENT	<input type="text"/> LB	NITROGEN	<input type="text"/> LB	
<input type="text"/>				

IDENTIFICATION PLATE 324483

C

434289 S0000141004_V2

**Cargo Compartment Fire Extinguisher Bottle Installation
Figure 1 (Sheet 4 of 4)**

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE BOTTLE PRESSURE SWITCH
		D633A109-AKS 26-360-00-01

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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES			BOEING CARD NO.
DATE	TASK OPERATIONAL				26-370-00-01
TAIL NUMBER	WORK AREA FWD CARGO	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 121HW NOTE			ZONE 125 210

Operationally check the cargo fire extinguishing arm/discharge switches to verify circuitry.

ACCESS NOTE: Removal of air conditioning ducting may be required.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 32-09-00-860-801	Put the Airplane in the Air Mode (P/B 201)
AMM 32-09-00-860-802	Return the Airplane to the Ground Mode (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536
SPL-1664	Test Box - Cargo Fire Extinguishing System Part #: C26006-70 Supplier: 81205 Opt Part #: C26006-1 Supplier: 81205
STD-1079	Resistor - 10K Ohm or Greater

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES
		D633A109-AKS 26-370-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-370-00-01
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TASK 26-23-00-730-801

MECH

INSP

1. Cargo Fire Extinguishing Bottle Squib Circuit Test

(Figure 1)

A. Cargo Fire Extinguishing Bottle Squib Circuit Test

SUBTASK 26-23-00-860-005

- (1) Open these circuit breakers and install safety tags:

CAPT Electrical System Panel, P18-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	16	C01528	CARGO FIRE EXT 2
B	17	C01526	CARGO FIRE EXT 1
C	16	C01523	CARGO FIRE FWD DET B
C	17	C01522	CARGO FIRE FWD DETA
C	18	C01525	CARGO FIRE AFT DET B
C	19	C01524	CARGO FIRE AFT DETA

SUBTASK 26-23-00-860-006

- (2) Put the Airplane in the Air Mode, AMM TASK 32-09-00-860-801.

SUBTASK 26-23-00-020-001

WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.

- (3) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:
- ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802.
 - ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802.
- (4) Disconnect the electrical connectors from the squibs.
- (a) Disconnect D12794 from bottle 1 to test the forward cargo compartment.
 - (b) Disconnect D12818 from bottle 2 to test the forward cargo compartment.
 - (c) Disconnect D12796 from bottle 1 to test the aft cargo compartment.
 - (d) Disconnect D12820 from bottle 2 to test the aft cargo compartment.

SUBTASK 26-23-00-020-002

WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.

- (5) Install a protective cap on each squib.

SUBTASK 26-23-00-480-018

- (6) Connect the squib connectors to the applicable connectors on test box, SPL-1664.

SUBTASK 26-23-00-730-010

- (7) Set all the switches on the test box to NO DISCHARGE.

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES
		D633A109-AKS 26-370-00-01

Page 2 of 7
Feb 15/2015

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-370-00-01																												
				MECH INSP																												
SUBTASK 26-23-00-730-011																																
(8) Make sure all the circuit breakers on the test box are closed.																																
SUBTASK 26-23-00-860-008																																
(9) Remove the safety tags and close these circuit breakers:																																
CAPT Electrical System Panel, P18-3																																
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SUBTASK 26-23-00-730-012																																
(10) Make sure none of the circuit breakers on the test box open.																																
SUBTASK 26-23-00-730-001																																
WARNING: MAKE SURE THE AREA OF THE AFT OUTFLOW VALVE IS CLEAR OF PERSONS AND EQUIPMENT. DURING THIS TEST THE AFT OUTFLOW VALVE DOORS CAN START TO OPERATE. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.																																
(11) Do a test of the forward cargo fire bottle squib circuit.																																
(a) Set the EXT 1 FWD switch on the test box to DISCHARGE.																																
(b) Push the FWD ARMED switch on the Cargo Fire Control panel.																																
(c) Push and hold the DISCH switch on the Cargo Fire Control panel for approximately 15 seconds.																																
(d) Make sure the EXT 1 FWD circuit breaker opens.																																
(e) Make sure the other circuit breakers stay closed.																																
(f) Close the EXT 1 FORWARD circuit breaker.																																
(g) Set the EXT 1 FORWARD switch to NO DISCHARGE.																																
(h) Set the EXT 2 FORWARD switch S1 on the test box to DISCHARGE.																																
(i) Wait 60 ± 6 minutes, then make sure the EXT 2 FORWARD circuit breaker opens.																																
(j) Make sure the other circuit breakers stay closed.																																
(k) Close the EXT 2 FORWARD circuit breaker.																																
(l) Set the EXT 2 FORWARD switch S1 to NO DISCHARGE.																																
(m) Push the FWD ARM switch, on the Cargo Fire Control Panel, to the usual position.																																

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES
		D633A109-AKS 26-370-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-370-00-01																												
SUBTASK 26-23-00-730-002				MECH INSP																												
<p>WARNING: MAKE SURE THE AREA OF THE AFT OUTFLOW VALVE IS CLEAR OF PERSONS AND EQUIPMENT. DURING THIS TEST THE AFT OUTFLOW VALVE DOORS CAN START TO OPERATE. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.</p>																																
(12) Do a test of the aft cargo fire bottle squib circuit. <ol style="list-style-type: none">(a) Set the EXT 1 AFT switch on the test box to DISCHARGE.(b) Push the AFT ARMED switch on the Cargo Fire Control panel.(c) Push and hold the DISCH switch on the Cargo Fire Control panel for approximately 15 seconds.(d) Make sure the EXT 1 AFT circuit breaker opens.(e) Make sure the other circuit breakers stay closed.(f) Close the EXT 1 AFT circuit breaker.(g) Set the EXT 1 AFT switch to NO DISCHARGE.(h) Set the EXT 2 AFT switch S2 on the test box to DISCHARGE.(i) Wait 60 ± 6 minutes, then make sure the EXT 2 AFT circuit breaker opens.(j) Make sure the other circuit breakers stay closed.(k) Close the EXT 2 AFT circuit breaker.(l) Set the EXT 2 AFT switch S2 to NO DISCHARGE.(m) Push the AFT ARM switch, on the Cargo Fire Control panel, to the usual position.																																
SUBTASK 26-23-00-860-009																																
(13) Return the Airplane to the Ground Mode, AMM TASK 32-09-00-860-802.																																
SUBTASK 26-23-00-860-010																																
(14) Open these circuit breakers and install safety tags: <p>CAPT Electrical System Panel, P18-3</p> <table><thead><tr><th>Row</th><th>Col</th><th>Number</th><th>Name</th></tr></thead><tbody><tr><td>B</td><td>16</td><td>C01528</td><td>CARGO FIRE EXT 2</td></tr><tr><td>B</td><td>17</td><td>C01526</td><td>CARGO FIRE EXT 1</td></tr><tr><td>C</td><td>16</td><td>C01523</td><td>CARGO FIRE FWD DET B</td></tr><tr><td>C</td><td>17</td><td>C01522</td><td>CARGO FIRE FWD DET A</td></tr><tr><td>C</td><td>18</td><td>C01525</td><td>CARGO FIRE AFT DET B</td></tr><tr><td>C</td><td>19</td><td>C01524</td><td>CARGO FIRE AFT DET A</td></tr></tbody></table>					Row	Col	Number	Name	B	16	C01528	CARGO FIRE EXT 2	B	17	C01526	CARGO FIRE EXT 1	C	16	C01523	CARGO FIRE FWD DET B	C	17	C01522	CARGO FIRE FWD DET A	C	18	C01525	CARGO FIRE AFT DET B	C	19	C01524	CARGO FIRE AFT DET A
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SUBTASK 26-23-00-020-038																																
(15) Remove the protective cap from the squibs.																																
SUBTASK 26-23-00-700-001																																
<p>WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.</p>																																
(16) Do this to make sure that there is no stray voltage at the electrical squib connector:																																
EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES																														
		D633A109-AKS 26-370-00-01	Page 4 of 7 Oct 15/2015																													

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-370-00-01
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Fire Bottle Squib Electrical Connector

	Engine	APU	Cargo
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2

- (a) Connect the digital/analog multimeter, COM-1793, across the two pins.
 - (b) Make sure that the current is less than 5 mA.
 - (c) Connect a resistor, STD-1079, across the multimeter probes.
 - (d) Make sure that the voltage is less than .250 V.
 - (e) If necessary, repeat the steps above for the other squib electrical connectors.
 - (f) Disconnect the multimeter.

SUBTASK 26-23-00-420-001

- (17) Install the connectors:

 - (a) Connect D12794 to the forward squib, M2249 on bottle 1.
 - (b) Connect D12796 to the aft squib, M2250 on bottle 1.
 - (c) Connect D12818 to the forward squib, M2264 on bottle 2.
 - (d) Connect D12820 to the aft squib, M2265 on bottle 2.

SUBTASK 26-23-00-860-031

- (18) Remove the safety tags and close these circuit breakers:

CAPT Electrical System Panel, P18-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	16	C01528	CARGO FIRE EXT 2
B	17	C01526	CARGO FIRE EXT 1
C	16	C01523	CARGO FIRE FWD DET B
C	17	C01522	CARGO FIRE FWD DET A
C	18	C01525	CARGO FIRE AFT DET B
C	19	C01524	CARGO FIRE AFT DET A

SUBTASK 36-23-00-710-001

- (19) Push and hold the TEST switch on the Cargo Fire Control panel.
(a) Make sure the EXT FWD and AFT lights come on.

SUBTASK 26 23 00 710 002

- (20) Release the TEST switch

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES
		D633A109-AKS 26-370-00-01

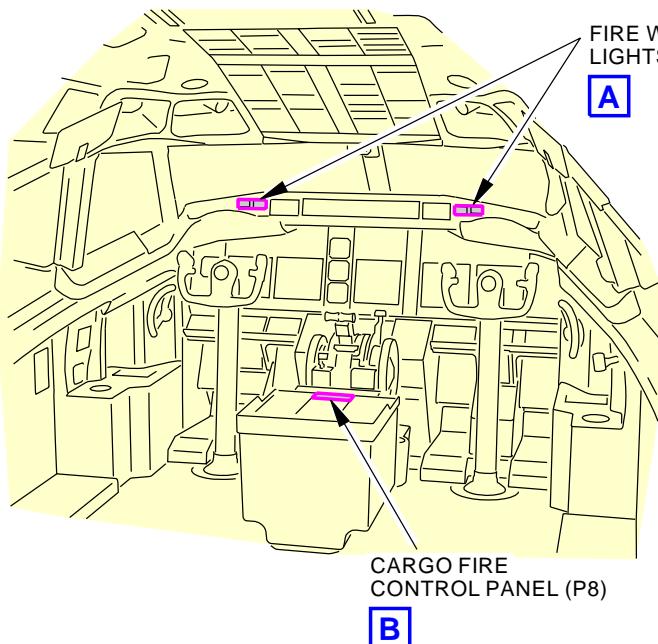
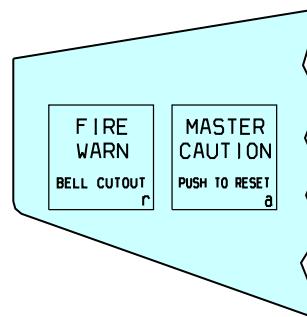
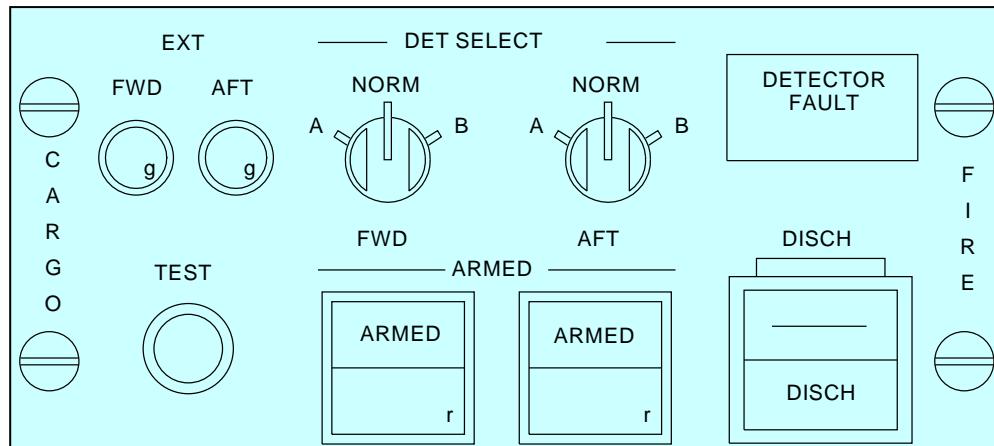
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-370-00-01**FLIGHT COMPARTMENT****FIRE WARN LIGHTS (P7)
(EXAMPLE)****A****CARGO FIRE CONTROL PANEL (P8)****B****Cargo Bay Fire Extinguishing Test
Figure 1 (Sheet 1 of 2)**

H01949 S0006568307_V2

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES
		D633A109-AKS 26-370-00-01

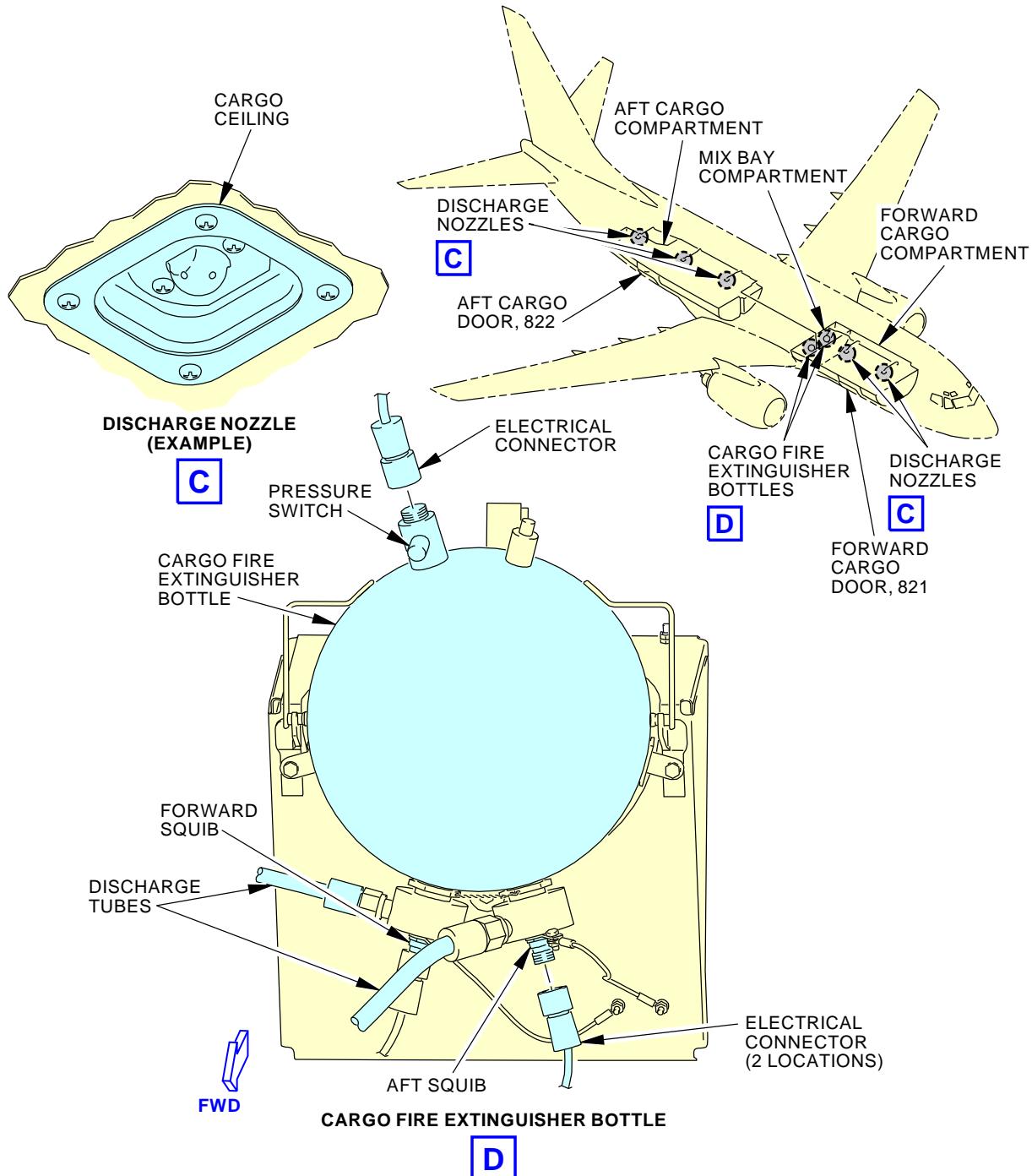
AKS737-600/700/800/900
TASK CARDS

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-370-00-01Cargo Bay Fire Extinguishing Test
Figure 1 (Sheet 2 of 2)

M97756 S0006568311_V2

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING ARM/DISCHARGE SWITCHES
		D633A109-AKS 26-370-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE CARGO FIRE EXTINGUISHING SYSTEM			BOEING CARD NO.
DATE	TASK REPLACE				26-390-00-01
TAIL NUMBER	WORK AREA FWD CARGO	VERSION 1.1	THRESHOLD NOTE	REPEAT	APPLICABILITY
STATION	SKILL AIRPL	NOTE			AIRPLANE ALL NOTE
		ACCESS 121HW			ZONE 121
		NOTE			

Replace the cargo compartment fire extinguishing system filter/drier.

INTERVAL NOTE: At fire extinguisher bottle discharge.

AIRPLANE NOTE: Filter/drier and metering orifice are applicable if second halon bottle installed.

ACCESS NOTE: Removal of air conditioning ducting may be required.

A. References

Reference	Title
AMM 25-52-17-000-801	Forward Cargo Compartment Aft Bulkhead Liner - Removal (P/B 401)
AMM 25-52-17-400-801	Forward Cargo Compartment Aft Bulkhead Liner - Installation (P/B 401)

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING SYSTEM
		D633A109-AKS 26-390-00-01

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Oct 15/2014

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-390-00-01
TASK 26-23-04-000-801				MECH INSP
1. Cargo Fire Extinguishing Filter/Dryer Removal (Figure 1)				
A. General (1) This task gives instructions to remove the Cargo Fire Extinguishing Filter/Dryer.				
B. Expendables/Parts				
AMM Item	Description	AIPC Reference	AIPC Effectivity	
1	Filter/dryer	26-20-51-10-045 26-20-51-10-050	AKS ALL AKS ALL	
C. Prepare for the Removal				
SUBTASK 26-23-04-010-007 (1) Open this access door:				
Number	Name/Location			
821	Forward Cargo Door			
SUBTASK 26-23-04-010-003 (2) Do this task: Forward Cargo Compartment Aft Bulkhead Liner - Removal, AMM TASK 25-52-17-000-801.				
D. Cargo Fire Extinguishing Filter/dryer Removal				
SUBTASK 26-23-04-020-001 (1) Do these steps to remove the filter/dryer [1]:				
WARNING: BE CAREFUL WHEN YOU DISCONNECT THE TUBES FROM THE FILTER/DRYER. IF THE FIRE EXTINGUISHING BOTTLE DISCHARGED, THE TUBING MAY BE PRESSURIZED. WHEN YOU RELEASE THE PRESSURE IN THE TUBING YOU CAN CAUSE INJURY TO PERSONS.				
(a) Disconnect the outlet tube from the filter/dryer [1].				
NOTE: Disconnect the outlet tube before you disconnect the inlet tube. If the tubing is pressurized, it is safer to disconnect the outlet tube first.				
(b) Disconnect the inlet tube from the filter/dryer [1].				
(c) Remove the screw [2], washer [3], spacer [4] and nut [5] that attach the filter/dryer [1] to the bracket.				
— END OF TASK —				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING SYSTEM	
		D633A109-AKS 26-390-00-01	Page 2 of 4 Feb 15/2015

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-390-00-01								
				MECH INSP								
TASK 26-23-04-400-801												
2. Cargo Fire Extinguishing Filter/Dryer Installation												
(Figure 1)												
A. General												
(1) This task gives instructions to install the Cargo Fire Extinguishing Filter/Dryer.												
B. Expendables/Parts												
<table border="1"> <thead> <tr> <th>AMM Item</th> <th>Description</th> <th>AIPC Reference</th> <th>AIPC Effectivity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Filter/dryer</td> <td>26-20-51-10-045 26-20-51-10-050</td> <td>AKS ALL AKS ALL</td> </tr> </tbody> </table>					AMM Item	Description	AIPC Reference	AIPC Effectivity	1	Filter/dryer	26-20-51-10-045 26-20-51-10-050	AKS ALL AKS ALL
AMM Item	Description	AIPC Reference	AIPC Effectivity									
1	Filter/dryer	26-20-51-10-045 26-20-51-10-050	AKS ALL AKS ALL									
C. Cargo Fire Extinguishing Filter/Dryer Installation												
SUBTASK 26-23-04-010-008												
(1) Open this access door:												
<table> <thead> <tr> <th>Number</th> <th>Name/Location</th> </tr> </thead> <tbody> <tr> <td>821</td> <td>Forward Cargo Door</td> </tr> </tbody> </table>				Number	Name/Location	821	Forward Cargo Door					
Number	Name/Location											
821	Forward Cargo Door											
SUBTASK 26-23-04-010-005												
(2) Do this task: Forward Cargo Compartment Aft Bulkhead Liner - Removal, AMM TASK 25-52-17-000-801.												
SUBTASK 26-23-04-420-001												
(3) Do these steps to install the filter/dryer [1]:												
<p><u>NOTE:</u> Yellow is used to show the plumbing which supplies extinguishant to the forward cargo compartment. Blue is used to show the plumbing which supplies extinguishant to the aft cargo compartment.</p>												
<p>(a) Put the filter/dryer [1] in its position and attach it with the screw [2], washer [3], spacer [4] and nut [5].</p>												
<p>(b) Connect the inlet tube to the filter/dryer [1].</p>												
<p> 1) Tighten the inlet tube to 265 in-lb (30 N·m) to 290 in-lb (33 N·m).</p>												
<p>(c) Connect the outlet tube to the filter/dryer [1].</p>												
<p> 1) Tighten the outlet tube to 345 in-lb (39 N·m) to 375 in-lb (42 N·m).</p>												
D. Put the Airplane Back to Its Usual Condition												
SUBTASK 26-23-04-410-001												
(1) Do this task: Forward Cargo Compartment Aft Bulkhead Liner - Installation, AMM TASK 25-52-17-400-801.												
SUBTASK 26-23-04-840-001												
(2) Close this access door:												
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Number	Name/Location											
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— END OF TASK —												

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING SYSTEM
		D633A109-AKS 26-390-00-01

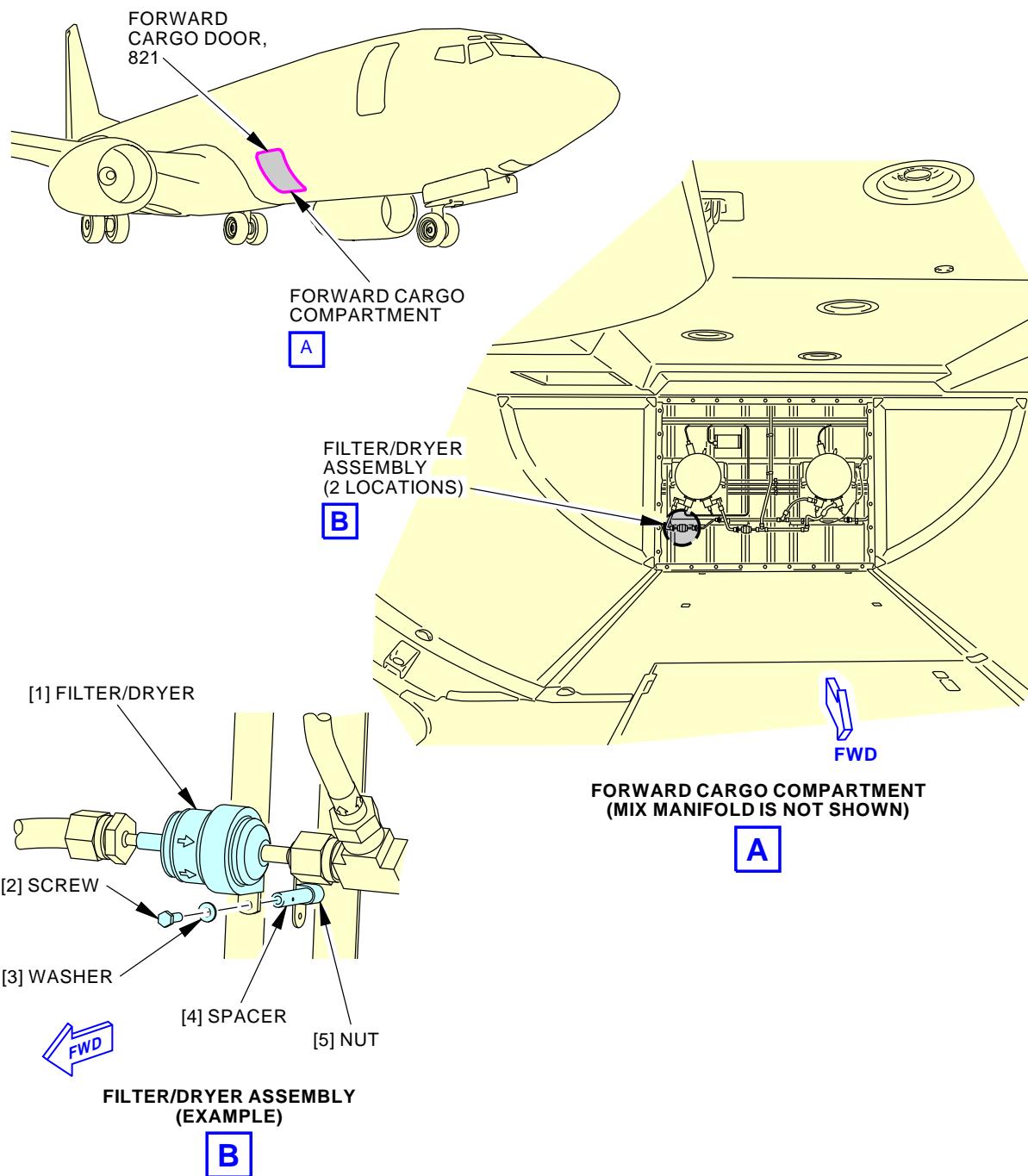
AKS737-600/700/800/900
TASK CARDS

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-390-00-01Filter/Dryer Assembly Installation
Figure 1

L05314 S0006568372_V2

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING SYSTEM
		D633A109-AKS 26-390-00-01

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Oct 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE CARGO FIRE EXTINGUISHING 60-MINUTE TIMER			BOEING CARD NO.
DATE	TASK FUNCTIONAL				26-400-00-01
TAIL NUMBER	WORK AREA FWD CARGO	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL NOTE ENGINE ALL
		ACCESS 121HW NOTE			ZONE 125 210

Functionally check the cargo fire extinguishing timer.

AIRPLANE NOTE: If second halon bottle installed.

ACCESS NOTE: Removal of air conditioning ducting may be required.

A. References

Reference	Title
AMM 20-40-12-000-802	ESDS Handling for Metal Encased Unit Removal (P/B 201)
AMM 20-40-12-400-802	ESDS Handling for Metal Encased Unit Installation (P/B 201)
AMM 32-09-00-860-801	Put the Airplane in the Air Mode (P/B 201)
AMM 32-09-00-860-802	Return the Airplane to the Ground Mode (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: 287 Supplier: 89536 Part #: 289 Supplier: 89536 Part #: 87V Supplier: 89536 Part #: FLUKE 27 II Supplier: 89536 Part #: FLUKE-77-4 Supplier: 89536 Opt Part #: 187 Supplier: 89536 Opt Part #: 189 Supplier: 89536 Opt Part #: 21 Supplier: 89536 Opt Part #: 77 SERIES III Supplier: 89536 Opt Part #: 87 Supplier: 89536 Opt Part #: FLUKE 27 Supplier: 89536
SPL-1664	Test Box - Cargo Fire Extinguishing System Part #: C26006-70 Supplier: 81205 Opt Part #: C26006-1 Supplier: 81205
STD-1079	Resistor - 10K Ohm or Greater

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING 60-MINUTE TIMER
		D633A109-AKS 26-400-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-400-00-01																												
				MECH INSP																												
TASK 26-23-00-730-801																																
1. Cargo Fire Extinguishing Bottle Squib Circuit Test (Figure 1)																																
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SUBTASK 26-23-00-860-005																																
(1) Open these circuit breakers and install safety tags:																																
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SUBTASK 26-23-00-860-006																																
(2) Put the Airplane in the Air Mode, AMM TASK 32-09-00-860-801.																																
SUBTASK 26-23-00-020-001																																
WARNING: DO NOT TOUCH THE SQUIB BEFORE YOU DO THE PROCEDURES FOR DEVICES THAT ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. ELECTROSTATIC DISCHARGE CAN CAUSE THE FIRE BOTTLE TO RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.																																
(3) Before you touch the squib, do the procedure for devices that are sensitive to electrostatic discharge. These are the tasks:																																
• ESDS Handling for Metal Encased Unit Removal, AMM TASK 20-40-12-000-802. • ESDS Handling for Metal Encased Unit Installation, AMM TASK 20-40-12-400-802.																																
(4) Disconnect the electrical connectors from the squibs.																																
(a) Disconnect D12794 from bottle 1 to test the forward cargo compartment. (b) Disconnect D12818 from bottle 2 to test the forward cargo compartment. (c) Disconnect D12796 from bottle 1 to test the aft cargo compartment. (d) Disconnect D12820 from bottle 2 to test the aft cargo compartment.																																
SUBTASK 26-23-00-020-002																																
WARNING: PUT A PROTECTIVE CAP ON THE SQUIB. IF YOU DO NOT PUT A PROTECTIVE CAP ON THE SQUIB, THE FIRE EXTINGUISHING BOTTLE CAN RELEASE ITS CONTENTS SUDDENLY AND CAUSE INJURY TO PERSONS.																																
(5) Install a protective cap on each squib.																																
SUBTASK 26-23-00-480-018																																
(6) Connect the squib connectors to the applicable connectors on test box, SPL-1664.																																
SUBTASK 26-23-00-730-010																																
(7) Set all the switches on the test box to NO DISCHARGE.																																

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING 60-MINUTE TIMER
		D633A109-AKS 26-400-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-400-00-01																												
				MECH INSP																												
SUBTASK 26-23-00-730-011																																
(8) Make sure all the circuit breakers on the test box are closed.																																
SUBTASK 26-23-00-860-008																																
(9) Remove the safety tags and close these circuit breakers:																																
CAPT Electrical System Panel, P18-3																																
<table><thead><tr><th><u>Row</u></th><th><u>Col</u></th><th><u>Number</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>B</td><td>16</td><td>C01528</td><td>CARGO FIRE EXT 2</td></tr><tr><td>B</td><td>17</td><td>C01526</td><td>CARGO FIRE EXT 1</td></tr><tr><td>C</td><td>16</td><td>C01523</td><td>CARGO FIRE FWD DET B</td></tr><tr><td>C</td><td>17</td><td>C01522</td><td>CARGO FIRE FWD DET A</td></tr><tr><td>C</td><td>18</td><td>C01525</td><td>CARGO FIRE AFT DET B</td></tr><tr><td>C</td><td>19</td><td>C01524</td><td>CARGO FIRE AFT DET A</td></tr></tbody></table>				<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	16	C01528	CARGO FIRE EXT 2	B	17	C01526	CARGO FIRE EXT 1	C	16	C01523	CARGO FIRE FWD DET B	C	17	C01522	CARGO FIRE FWD DET A	C	18	C01525	CARGO FIRE AFT DET B	C	19	C01524	CARGO FIRE AFT DET A	
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																													
B	16	C01528	CARGO FIRE EXT 2																													
B	17	C01526	CARGO FIRE EXT 1																													
C	16	C01523	CARGO FIRE FWD DET B																													
C	17	C01522	CARGO FIRE FWD DET A																													
C	18	C01525	CARGO FIRE AFT DET B																													
C	19	C01524	CARGO FIRE AFT DET A																													
SUBTASK 26-23-00-730-012																																
(10) Make sure none of the circuit breakers on the test box open.																																
SUBTASK 26-23-00-730-001																																
WARNING: MAKE SURE THE AREA OF THE AFT OUTFLOW VALVE IS CLEAR OF PERSONS AND EQUIPMENT. DURING THIS TEST THE AFT OUTFLOW VALVE DOORS CAN START TO OPERATE. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.																																
(11) Do a test of the forward cargo fire bottle squib circuit.																																
(a) Set the EXT 1 FWD switch on the test box to DISCHARGE.																																
(b) Push the FWD ARMED switch on the Cargo Fire Control panel.																																
(c) Push and hold the DISCH switch on the Cargo Fire Control panel for approximately 15 seconds.																																
(d) Make sure the EXT 1 FWD circuit breaker opens.																																
(e) Make sure the other circuit breakers stay closed.																																
(f) Close the EXT 1 FORWARD circuit breaker.																																
(g) Set the EXT 1 FORWARD switch to NO DISCHARGE.																																
(h) Set the EXT 2 FORWARD switch S1 on the test box to DISCHARGE.																																
(i) Wait 60 ± 6 minutes, then make sure the EXT 2 FORWARD circuit breaker opens.																																
(j) Make sure the other circuit breakers stay closed.																																
(k) Close the EXT 2 FORWARD circuit breaker.																																
(l) Set the EXT 2 FORWARD switch S1 to NO DISCHARGE.																																
(m) Push the FWD ARM switch, on the Cargo Fire Control Panel, to the usual position.																																

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING 60-MINUTE TIMER
		D633A109-AKS 26-400-00-01

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-400-00-01
				MECH INSP
SUBTASK 26-23-00-730-002				
<p>WARNING: MAKE SURE THE AREA OF THE AFT OUTFLOW VALVE IS CLEAR OF PERSONS AND EQUIPMENT. DURING THIS TEST THE AFT OUTFLOW VALVE DOORS CAN START TO OPERATE. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.</p> <p>(12) Do a test of the aft cargo fire bottle squib circuit.</p> <ul style="list-style-type: none"> (a) Set the EXT 1 AFT switch on the test box to DISCHARGE. (b) Push the AFT ARMED switch on the Cargo Fire Control panel. (c) Push and hold the DISCH switch on the Cargo Fire Control panel for approximately 15 seconds. (d) Make sure the EXT 1 AFT circuit breaker opens. (e) Make sure the other circuit breakers stay closed. (f) Close the EXT 1 AFT circuit breaker. (g) Set the EXT 1 AFT switch to NO DISCHARGE. (h) Set the EXT 2 AFT switch S2 on the test box to DISCHARGE. (i) Wait 60 ± 6 minutes, then make sure the EXT 2 AFT circuit breaker opens. (j) Make sure the other circuit breakers stay closed. (k) Close the EXT 2 AFT circuit breaker. (l) Set the EXT 2 AFT switch S2 to NO DISCHARGE. (m) Push the AFT ARM switch, on the Cargo Fire Control panel, to the usual position. 				
SUBTASK 26-23-00-860-009				
(13) Return the Airplane to the Ground Mode, AMM TASK 32-09-00-860-802.				
SUBTASK 26-23-00-860-010				
(14) Open these circuit breakers and install safety tags:				
CAPT Electrical System Panel, P18-3				
Row	Col	Number	Name	
B	16	C01528	CARGO FIRE EXT 2	
B	17	C01526	CARGO FIRE EXT 1	
C	16	C01523	CARGO FIRE FWD DET B	
C	17	C01522	CARGO FIRE FWD DET A	
C	18	C01525	CARGO FIRE AFT DET B	
C	19	C01524	CARGO FIRE AFT DET A	
SUBTASK 26-23-00-020-038				
(15) Remove the protective cap from the squibs.				
SUBTASK 26-23-00-700-001				
<p>WARNING: MAKE SURE THERE IS NO VOLTAGE AT THE ELECTRICAL CONNECTOR. IF THERE IS A VOLTAGE AT THE ELECTRICAL CONNECTOR, THE SQUIB CAN FIRE SUDDENLY AND CAUSE INJURY TO PERSONNEL.</p> <p>(16) Do this to make sure that there is no stray voltage at the electrical squib connector:</p>				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING 60-MINUTE TIMER	
		D633A109-AKS 26-400-00-01	Page 4 of 7 Oct 15/2015

AKS
**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-400-00-01
Fire Bottle Squib Electrical Connector				MECH INSP
	Engine	APU	Cargo	
Connector Pins	3 and 4, and 6 and 7	3 and 4	1 and 2	
<p>(a) Connect the digital/analog multimeter, COM-1793, across the two pins.</p> <p>(b) Make sure that the current is less than 5 mA.</p> <p>(c) Connect a resistor, STD-1079, across the multimeter probes.</p> <p>(d) Make sure that the voltage is less than .250 V.</p> <p>(e) If necessary, repeat the steps above for the other squib electrical connectors.</p> <p>(f) Disconnect the multimeter.</p>				
SUBTASK 26-23-00-420-001				
(17) Install the connectors:				
<p>(a) Connect D12794 to the forward squib, M2249 on bottle 1.</p> <p>(b) Connect D12796 to the aft squib, M2250 on bottle 1.</p> <p>(c) Connect D12818 to the forward squib, M2264 on bottle 2.</p> <p>(d) Connect D12820 to the aft squib, M2265 on bottle 2.</p>				
SUBTASK 26-23-00-860-031				
(18) Remove the safety tags and close these circuit breakers:				
CAPT Electrical System Panel, P18-3				
Row	Col	Number	Name	
B	16	C01528	CARGO FIRE EXT 2	
B	17	C01526	CARGO FIRE EXT 1	
C	16	C01523	CARGO FIRE FWD DET B	
C	17	C01522	CARGO FIRE FWD DET A	
C	18	C01525	CARGO FIRE AFT DET B	
C	19	C01524	CARGO FIRE AFT DET A	
SUBTASK 26-23-00-710-001				
(19) Push and hold the TEST switch on the Cargo Fire Control panel.				
<p>(a) Make sure the EXT FWD and AFT lights come on.</p>				
SUBTASK 26-23-00-710-002				
(20) Release the TEST switch.				
———— END OF TASK ————				

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING 60-MINUTE TIMER	
		D633A109-AKS 26-400-00-01	Page 5 of 7 Oct 15/2015

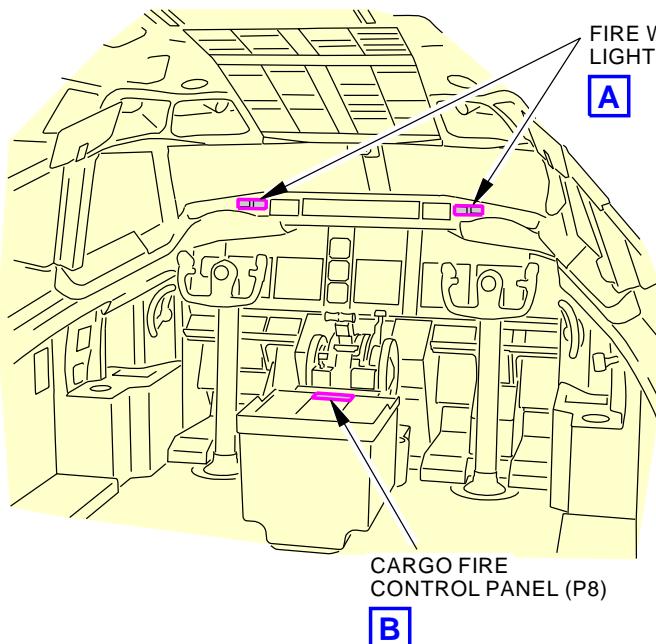
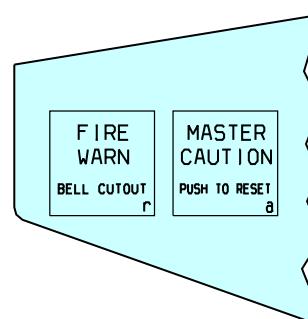
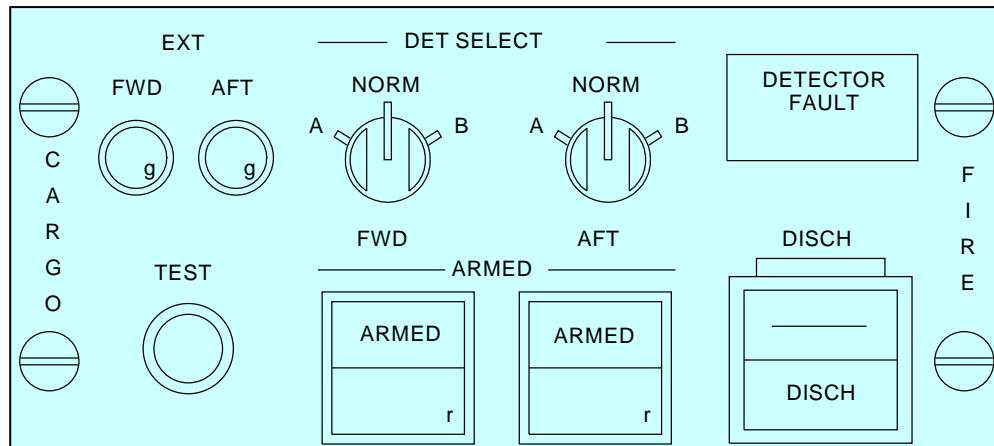
AKS
**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-400-00-01**FLIGHT COMPARTMENT****FIRE WARN LIGHTS (P7)
(EXAMPLE)****A****CARGO FIRE CONTROL PANEL (P8)****B**
Cargo Bay Fire Extinguishing Test
Figure 1 (Sheet 1 of 2)

H01949 S0006568307_V2

EFFECTIVITY AKS ALL	SOURCE MRB	CARGO FIRE EXTINGUISHING 60-MINUTE TIMER
		D633A109-AKS 26-400-00-01

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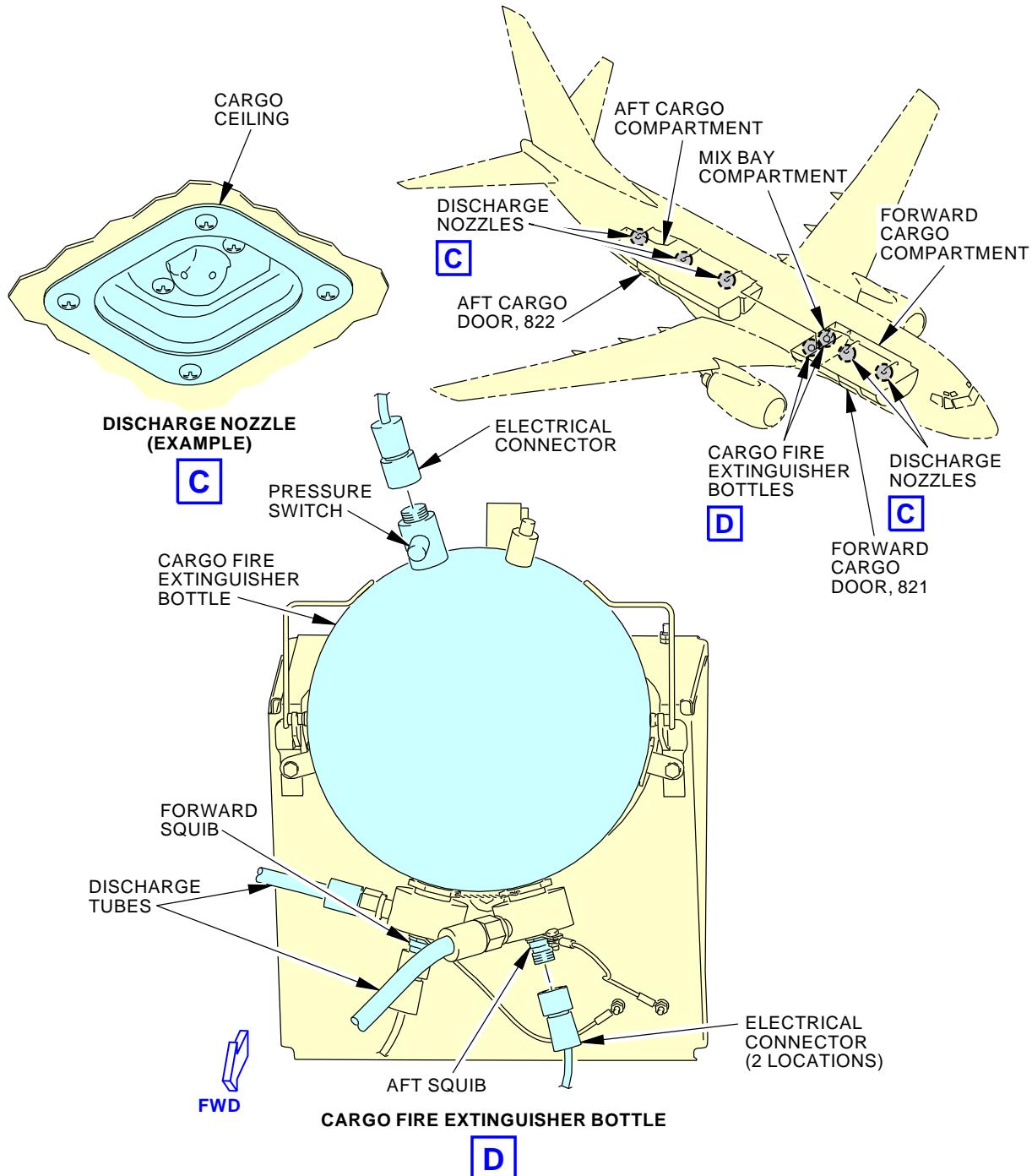
AKS737-600/700/800/900
TASK CARDS

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-400-00-01

M97756 S0006568311_V2

Cargo Bay Fire Extinguishing Test
Figure 1 (Sheet 2 of 2)EFFECTIVITY
AKS ALLSOURCE
MRB**CARGO FIRE EXTINGUISHING 60-MINUTE TIMER****D633A109-AKS**
26-400-00-01Page 7 of 7
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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE PORTABLE HALON FIRE EXTINGUISHERS INSPECTION			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				26-450-00-01
TAIL NUMBER	WORK AREA UPR FUSELAGE	VERSION 1.1	THRESHOLD NOTE	REPEAT	RELATED CARD
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 200

Inspect (Detailed) the portable halon fire extinguishers for proper pressure (if gauge installed), weight, and condition.

INTERVAL NOTE: At vendors recommendation.

A. References

Reference	Title
AMM 26-26-01-020-801	Halon Fire Extinguisher Removal (P/B 401)
AMM 26-26-01-430-801	Halon Fire Extinguisher Installation (P/B 401)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-11525	Gauge - Force, 10-lb capacity, with 0.05 increments and +/-0.2% accuracy or better Part #: PS-10 Supplier: 1GHM7
COM-2529	Gauge - Force, Push/Pull/Spring Scale, 50 Pound Capacity Part #: FDIX 50 Supplier: 0BFD9 Opt Part #: FDI 50 Supplier: 0BFD9 Opt Part #: FDV 50 Supplier: 0BFD9

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE HALON FIRE EXTINGUISHERS INSPECTION
		D633A109-AKS 26-450-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-450-00-01
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TASK 26-26-01-200-801

1. Halon Fire Extinguishers - Inspection/Check

(Figure 1)

A. Procedure

SUBTASK 26-26-01-210-001

- (1) Make sure the instruction decal and the nameplate are in good condition.

SUBTASK 26-26-01-210-010

- (2) Halon Fire Extinguisher Removal, AMM TASK 26-26-01-020-801.

SUBTASK 26-26-01-200-005

- (3) If the fire extinguisher has a pressure gage, make sure that the fire extinguisher has the correct pressure.

SUBTASK 26-26-01-200-003

- (4) If the fire extinguisher has no pressure gauge, use recommended scale as follows:

NOTE: It's acceptable to use an equivalent scale if it follows the resolution and accuracy requirement, specified in the table below.

NOTE: Both scales in the table below give the same resolution and accuracy, but the total error is different due to the capacity of the scale. Therefore, use force gauge, COM-11525, as the recommended scale for bottles that weigh between 0 to 10 lbs. Similarly, use gauge, COM-2529, for bottles that weigh between 10-50 lbs.

Recommended Scales for Portable Fire Extinguishers

Recommended Scales for Portable Fire Extinguishers				
Scale	Bottle Weight	Resolution	Accuracy (%)	Total Error
force gauge, COM-11525, or equivalent	0–10 lb (0–4.5 kg)	0.05 lb (22.7 g)	.2	0.02 lb (0.01 kg)
gauge, COM-2529, or equivalent	10–50 lb (4.5–22.7 kg)	0.05 lb (22.7 g)	.2	0.10 lb (0.05 kg)

- (a) Make sure that the weight of the fire extinguisher is not less than the weight shown on the extinguisher nameplate.

SUBTASK 26-26-01-210-002

- (5) Make sure the mounting bracket is attached correctly to the airplane.

SUBTASK 26-26-01-310-011

- (6) Halon Fire Extinguisher Installation. AMM TASK 26-26-01-430-801.

SUBTASK 26-26-01-210-003

- (7) Make sure the extinguisher is installed tightly to the mounting bracket

SUBTASK 26.26.01.210.004

- (8) Make sure that the Handle Lockpin [2] and Witness Wire [1] (pull-tite seal) are correctly installed on the handle.

- (a) If the Witness Wire [1] is missing or broken, then do one of the steps below:

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE HALON FIRE EXTINGUISHERS INSPECTION
		D633A109-AKS 26-450-00-01

AKS

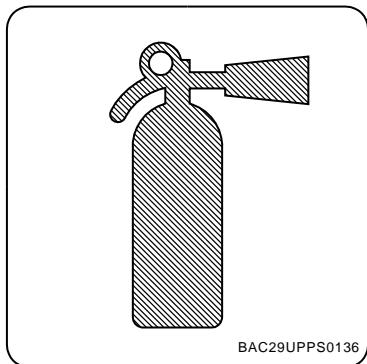
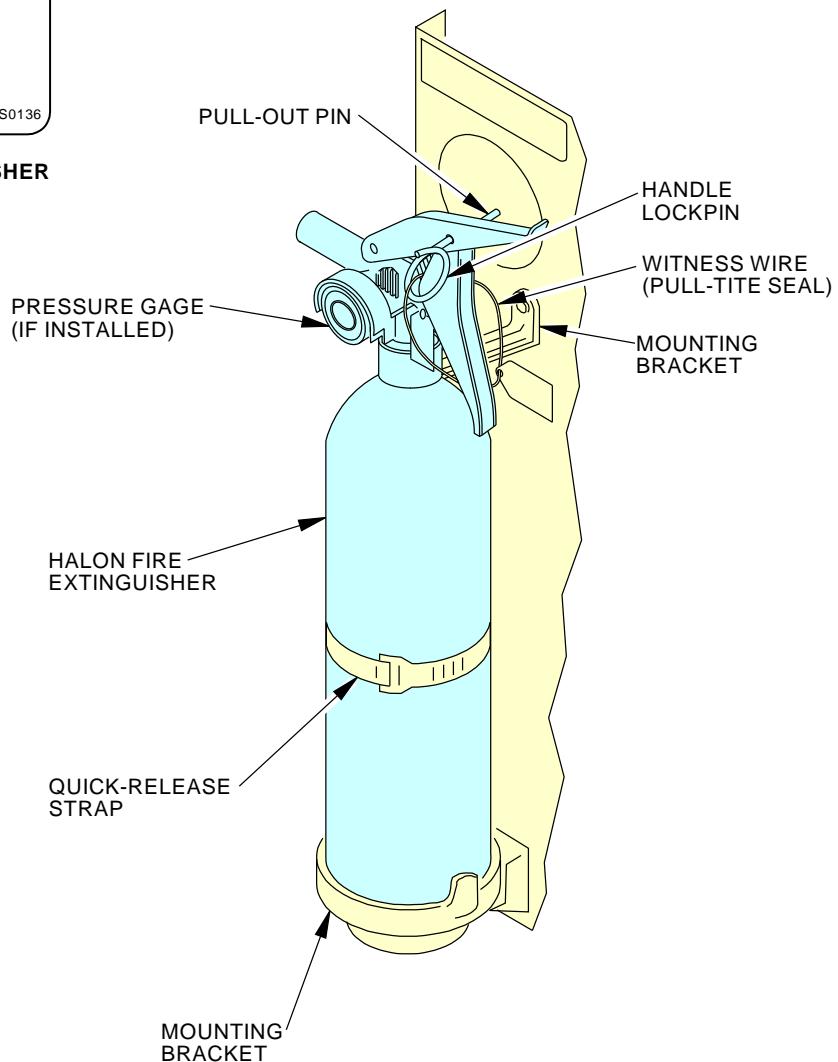


737-600/700/800/900 TASK CARDS

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE HALON FIRE EXTINGUISHERS INSPECTION
		D633A109-AKS 26-450-00-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-450-00-01
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**PORTABLE FIRE EXTINGUISHER
PLACARD****HALON FIRE EXTINGUISHER
(EXAMPLE)**

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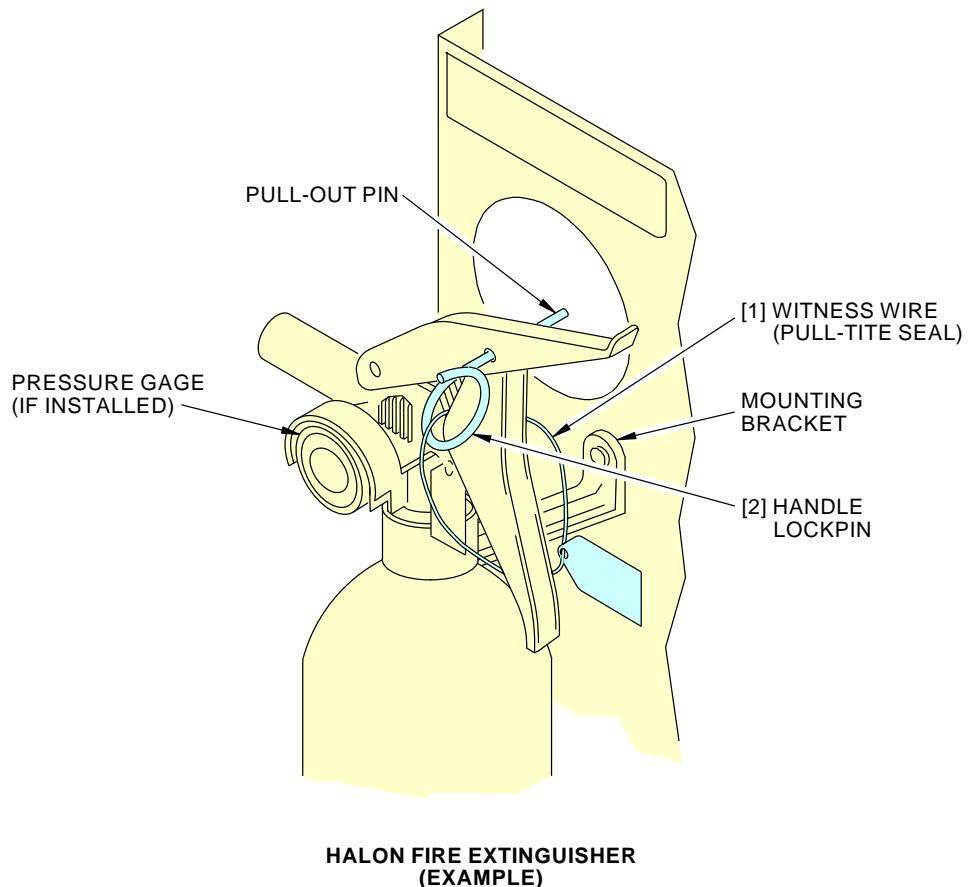
**Halon Fire Extinguishers Inspection
Figure 1 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE HALON FIRE EXTINGUISHERS INSPECTION
		D633A109-AKS 26-450-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-450-00-01
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**Halon Fire Extinguishers Inspection
Figure 1 (Sheet 2 of 2)**

2405358 S0000556503_V2

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE HALON FIRE EXTINGUISHERS INSPECTION
		D633A109-AKS 26-450-00-01

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AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE PORTABLE WATER FIRE EXTINGUISHER INSPECTION			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				26-470-00-01 RELATED CARD
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 1 YR	REPEAT 1 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ENGINE ALL ALL
		ACCESS			ZONE 200

Inspect (detailed) the portable water fire extinguishers for condition.

A. References

Reference	Title
AMM 26-26-02-020-801	Water Fire Extinguisher Removal (P/B 401)
AMM 26-26-02-430-801	Water Fire Extinguisher Installation (P/B 401)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
STD-753	Scale - Push/Pull, 0-25 pound (0-11 kilogram) Capacity, 1/4 pound (113 gram) Accuracy

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE WATER FIRE EXTINGUISHER INSPECTION
		D633A109-AKS 26-470-00-01

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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-470-00-01
				MECH INSP
TASK 26-26-02-200-801				
1. Water Fire Extinguishers - Inspection/Check (Figure 1)				
A. Expendables/Parts				
AMM Item	Description	AIPC Reference	AIPC Effectivity	
1	Lockwire seal	Not Specified		
B. Procedure				
SUBTASK 26-26-02-210-001				
(1) Make sure the instruction decal and the nameplate are in good condition.				
SUBTASK 26-26-02-210-010				
(2) Do the following: Water Fire Extinguisher Removal, AMM TASK 26-26-02-020-801.				
SUBTASK 26-26-02-210-011				
(3) Use a push/pull scale 0-25 pound (0-11 kilogram), STD-753 and make sure the weight of the extinguisher is not less than the weight shown on the extinguisher nameplate.				
SUBTASK 26-26-02-210-012				
(4) Do the following: Water Fire Extinguisher Installation, AMM TASK 26-26-02-430-801.				
SUBTASK 26-26-02-210-002				
(5) Make sure the mounting bracket is attached correctly to the airplane.				
SUBTASK 26-26-02-210-003				
(6) Make sure the extinguisher is installed tightly to the mounting bracket.				
SUBTASK 26-26-02-210-004				
(7) Make sure the lockwire seal [1] or seal wire is correctly installed on the handle.				
(a) If the lockwire seal [1] or seal wire is missing or broken, then do one of the steps below:				
1) Replace the bottle.				
2) Replace the seal wire with a new one:				
a) Get a new seal wire from Kidde Aerospace.				
b) Install the seal wire:				
<1> Install the seal wire through the holes in the lock ring and the body of the valve assembly.				
<2> Pull the seal wire tight and crimp the lead seal.				
SUBTASK 26-26-02-210-006				
(8) Make sure there is no physical damage to the extinguisher.				
SUBTASK 26-26-02-210-008				
(9) Make sure there are no leaks in the extinguisher.				
SUBTASK 26-26-02-210-009				
(10) If there are other manufacturer inspection or maintenance procedures that show on the extinguisher, do those procedures.				
<hr style="width: 20%; margin-left: auto; margin-right: 0;"/> END OF TASK <hr style="width: 20%; margin-left: 0; margin-right: auto;"/>				

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE WATER FIRE EXTINGUISHER INSPECTION
		D633A109-AKS 26-470-00-01

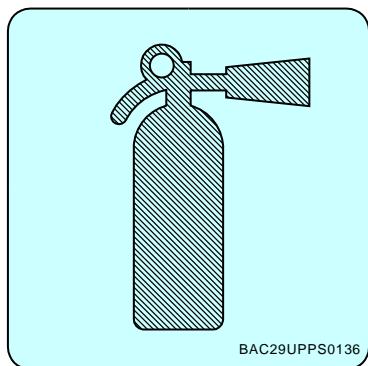
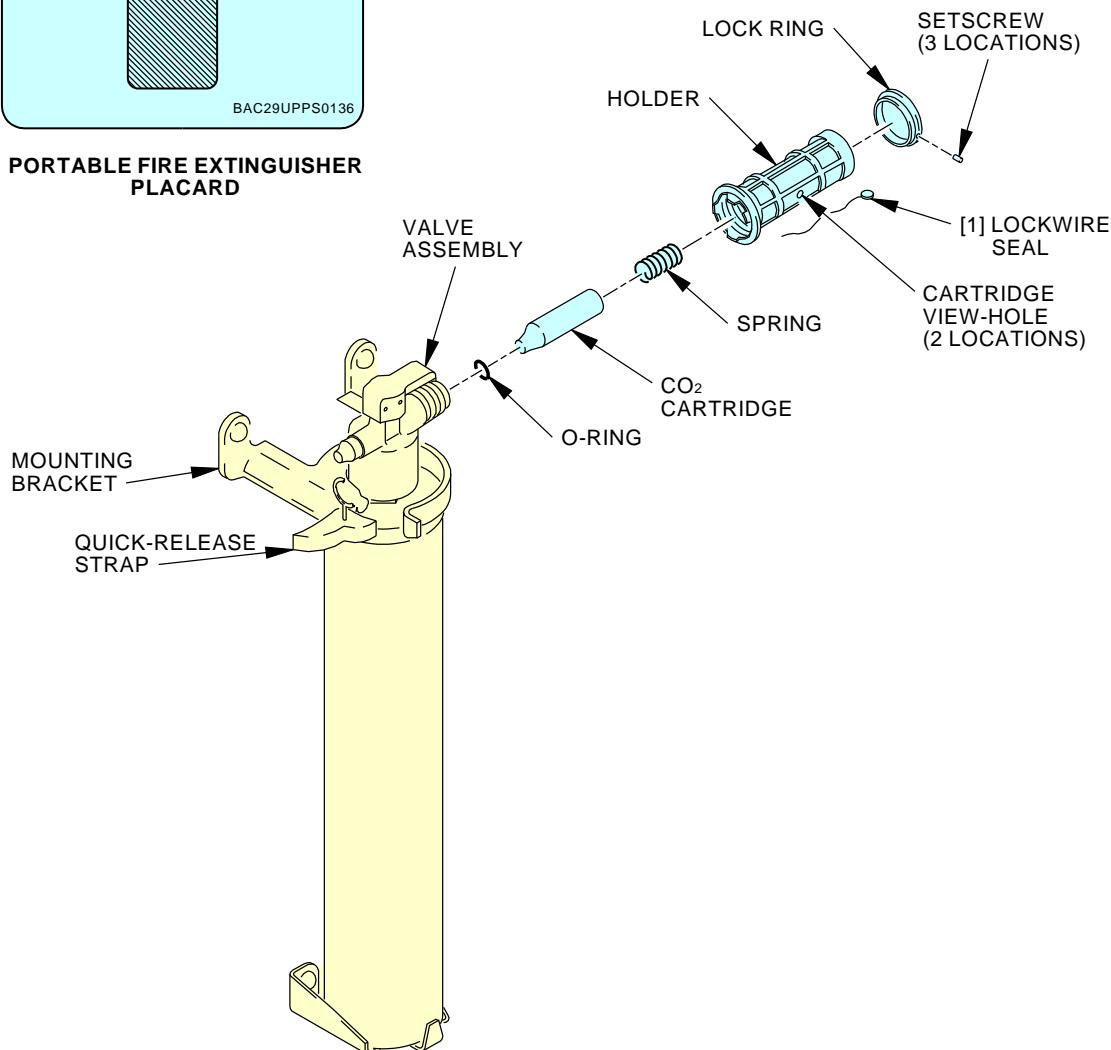
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-470-00-01**PORTABLE FIRE EXTINGUISHER
PLACARD****WATER FIRE EXTINGUISHER
(EXAMPLE)****Water-Type Fire Extinguishers Inspection
Figure 1**

F27540 S0006568429_V3

EFFECTIVITY AKS ALL	SOURCE MRB	PORTABLE WATER FIRE EXTINGUISHER INSPECTION
		D633A109-AKS 26-470-00-01

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Oct 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE CENTER WING REAR SPAR VAPOR WEB			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				26-550-02-01 RELATED CARD
TAIL NUMBER	WORK AREA WHEELWELL	VERSION 1.1	THRESHOLD 5500 FC	REPEAT 5500 FC	APPLICABILITY
STATION	SKILL AIRPL	1.2 NOTE	24 MO	24 MO	AIRPLANE ALL ENGINE ALL NOTE
		ACCESS			ZONE 133 134

Perform a detailed inspection of the Center Wing Rear Spar Vapor Web for cracking in the fiberglass panel between the vertical structural members. Do the inspection from inside the main gear wheel well.

Note: This task card satisfies 26-CMR-02.

INTERVAL NOTE: Whichever comes first.

AIRPLANE NOTE: Applicable to airplanes line number 2093, 2216 and on.

EFFECTIVITY AKS ALL	SOURCE CMR	CENTER WING REAR SPAR VAPOR WEB
		D633A109-AKS 26-550-02-01

AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 26-550-02-01
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26-CMR-02**TASK 05-41-01-211-802****1. INTERNAL - DETAILED: CENTER WING REAR SPAR VAPOR WEB**

(Figure 1)

A. General

- (1) This task is the manufacturer's procedure for compliance with Certification Maintenance Requirement (CMR), 26-CMR-02.

B. Detailed Inspection

SUBTASK 05-41-01-211-002

- (1) Perform a detailed inspection of the Center Wing Rear Spar Vapor Web for cracking in the fiberglass panel between the vertical structural members. Do the inspection from inside the main gear wheel well.

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE CMR	CENTER WING REAR SPAR VAPOR WEB
		D633A109-AKS 26-550-02-01

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Feb 15/2015

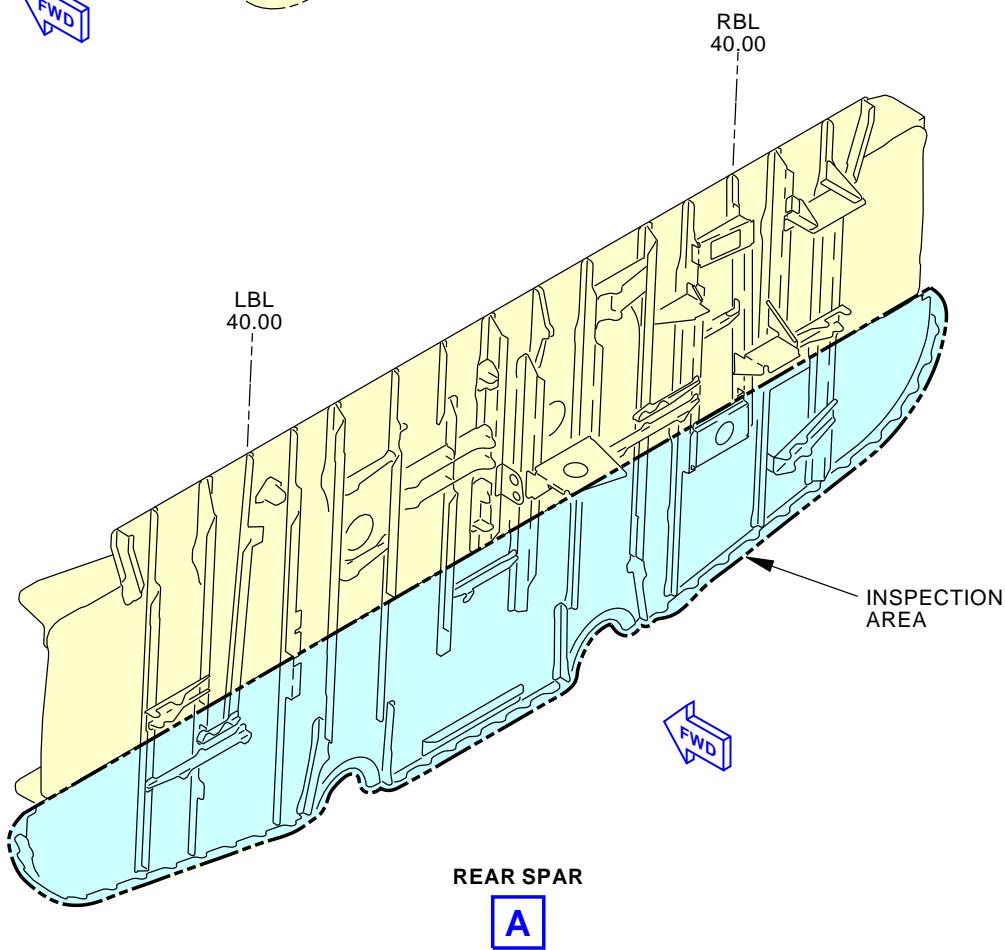
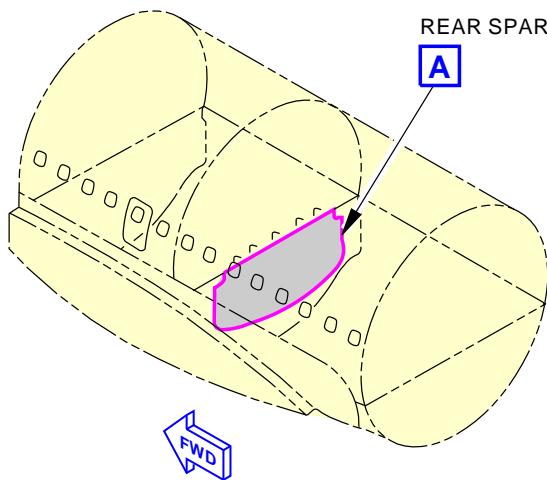
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
26-550-02-01

**Center Wing Rear Spar Vapor Web
Figure 1**

1373393 S0000249132_V2

EFFECTIVITY
AKS ALLSOURCE
CMR**CENTER WING REAR SPAR VAPOR WEB****D633A109-AKS
26-550-02-01****Page 3 of 3
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