

CHAPTER

56

WINDOWS

Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
56-EFFECTIVE PAGES								
1	JUN 15/2016							
2	BLANK							
56-010-00-01	SYS							
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4	Feb 15/2015							
56-030-00-01	SYS							
1	Jun 15/2015							
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3	Feb 15/2015							
4	Feb 15/2015							
56-050-00-01	SYS							
1	Jun 15/2015							
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A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated Change

56-EFFECTIVE PAGES

AKS



737-600/700/800/900 TASK CARDS

AIRLINE CARD NO		TITLE CONTROL CABIN SLIDING WINDOWS			BOEING CARD NO. 56-010-00-01	
DATE	TASK LUBRICATE				RELATED CARD	
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 2 YR	REPEAT 2 YR	APPLICABILITY	
STATION	SKILL AIRPL				AIRPLANE 600 700 800 900	ENGINE ALL
		ACCESS			ZONE 211 212	

Lubricate the inside release mechanisms for the pilots and co-pilots #2 sliding windows. Lubricate the outside release mechanism for the co-pilots #2 sliding window.

A. References

Reference	Title
AMM 25-11-21-000-801	Flight Compartment Forward Ceiling Panel Removal (P/B 201)
AMM 25-11-21-400-801	Flight Compartment Forward Ceiling Panel Installation (P/B 201)

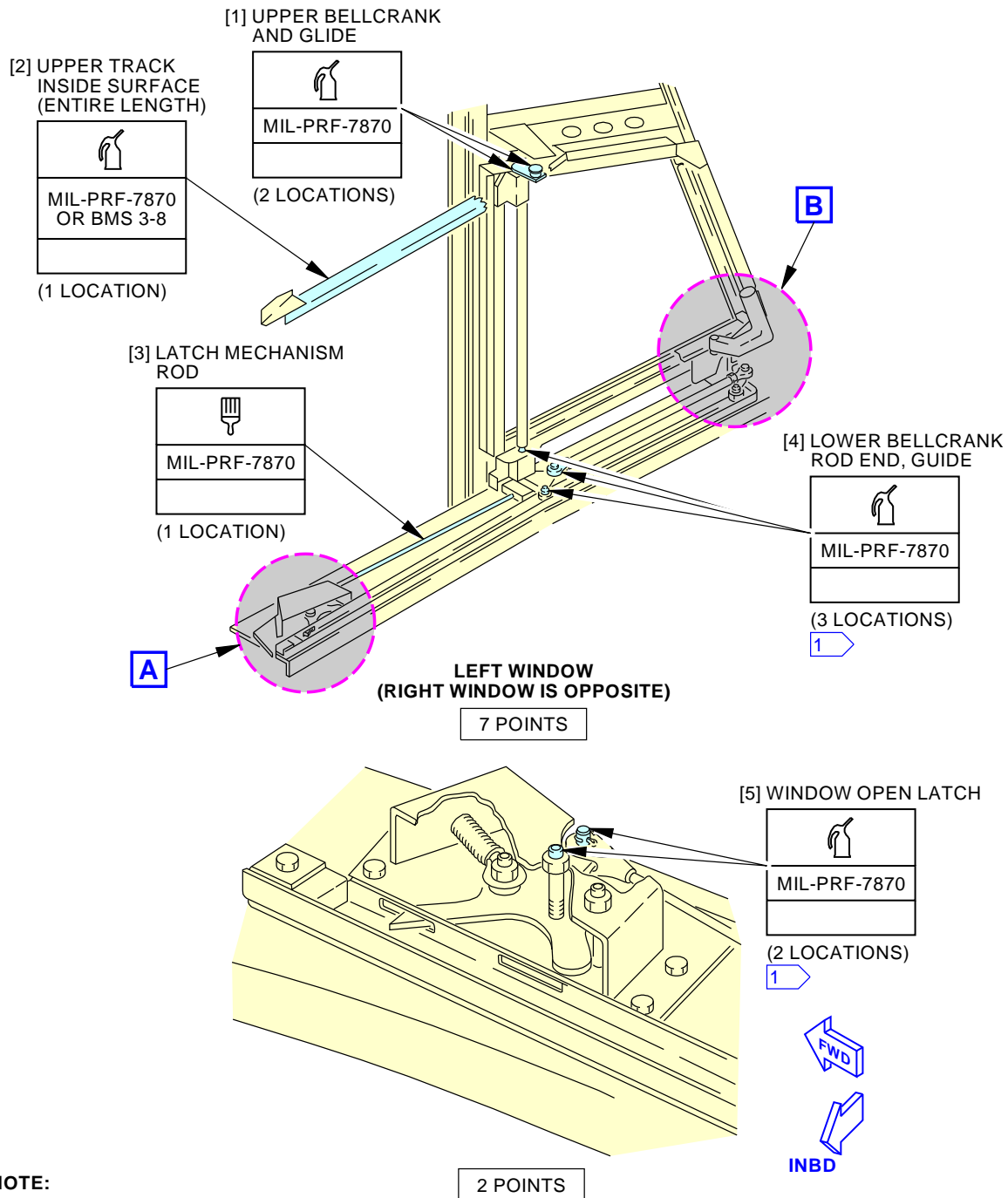
B. Consumable Materials

Reference	Description	Specification
D00091	Oil - General Purpose, Low Temperature, Lubricating	MIL-PRF-7870 (NATO O-142)
D00113	Lubricant - Solid Film, Liquid Dispersed	BMS3-8

EFFECTIVITY AKS ALL	SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-010-00-01	Page 1 of 4 Jun 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-010-00-01																																																																							
TASK 12-25-81-600-801 1. No. 2 Sliding Window Lubrication (Figure 1) A. Prepare for No. 2 Sliding Window Lubrication SUBTASK 12-25-81-020-001 (1) Remove the window lining, do this task: Flight Compartment Forward Ceiling Panel Removal, AMM TASK 25-11-21-000-801. B. Procedure (Table 1) SUBTASK 12-25-81-640-001 (1) Lubricate the parts of the window in (Figure 1) with oil, D00091 or solid film lubricant, D00113, where noted: <div style="text-align: center;">Table 1 No. 2 Sliding Window Lubrication</div> <table border="1"> <thead> <tr> <th>Item No.</th> <th>Nomenclature</th> <th>Lubricant</th> <th>Method of Application</th> <th>Number of Locations</th> </tr> </thead> <tbody> <tr><td>1</td><td>Upper Bellcrank and Glide</td><td>oil, D00091</td><td>Oil Can</td><td>2</td></tr> <tr><td>2</td><td>Upper Track Inside Surface (entire length)</td><td>oil, D00091 or solid film lubricant, D00113</td><td>Oil Can</td><td>1</td></tr> <tr><td>3</td><td>Latch Mechanism Rod</td><td>oil, D00091</td><td>Paint Brush</td><td>1</td></tr> <tr><td>4</td><td>Lower Bellcrank Rod End, Guide Roller and Shaft</td><td>oil, D00091</td><td>Oil Can</td><td>3</td></tr> <tr><td>5</td><td>Window Open Latch</td><td>oil, D00091</td><td>Oil Can</td><td>2</td></tr> <tr><td>6</td><td>Handle Pivot Area</td><td>oil, D00091</td><td>Oil Can</td><td>2</td></tr> <tr><td>7</td><td>Window Release Guide Roller</td><td>oil, D00091</td><td>Paint Brush</td><td>1</td></tr> <tr><td>8</td><td>Trigger Hinge Pin</td><td>oil, D00091</td><td>Oil Can</td><td>1</td></tr> <tr><td>9</td><td>Guide Pin Track</td><td>oil, D00091</td><td>Paint Brush</td><td>1</td></tr> <tr><td>10</td><td>Lower Forward and Bellcrank Rod End</td><td>oil, D00091</td><td>Paint Brush</td><td>1</td></tr> <tr><td>11</td><td>Cam Shaft</td><td>oil, D00091</td><td>Oil Can</td><td>2</td></tr> <tr><td>12</td><td>External Release Handle Linkage</td><td>oil, D00091</td><td>Oil Can</td><td>4</td></tr> <tr><td>13</td><td>Lower Track Inside Surface (entire length)</td><td>oil, D00091 or solid film lubricant, D00113</td><td>Oil Can</td><td>1</td></tr> </tbody> </table>				Item No.	Nomenclature	Lubricant	Method of Application	Number of Locations	1	Upper Bellcrank and Glide	oil, D00091	Oil Can	2	2	Upper Track Inside Surface (entire length)	oil, D00091 or solid film lubricant, D00113	Oil Can	1	3	Latch Mechanism Rod	oil, D00091	Paint Brush	1	4	Lower Bellcrank Rod End, Guide Roller and Shaft	oil, D00091	Oil Can	3	5	Window Open Latch	oil, D00091	Oil Can	2	6	Handle Pivot Area	oil, D00091	Oil Can	2	7	Window Release Guide Roller	oil, D00091	Paint Brush	1	8	Trigger Hinge Pin	oil, D00091	Oil Can	1	9	Guide Pin Track	oil, D00091	Paint Brush	1	10	Lower Forward and Bellcrank Rod End	oil, D00091	Paint Brush	1	11	Cam Shaft	oil, D00091	Oil Can	2	12	External Release Handle Linkage	oil, D00091	Oil Can	4	13	Lower Track Inside Surface (entire length)	oil, D00091 or solid film lubricant, D00113	Oil Can	1	MECH	INSP
				Item No.	Nomenclature	Lubricant	Method of Application	Number of Locations																																																																			
1	Upper Bellcrank and Glide	oil, D00091	Oil Can	2																																																																							
2	Upper Track Inside Surface (entire length)	oil, D00091 or solid film lubricant, D00113	Oil Can	1																																																																							
3	Latch Mechanism Rod	oil, D00091	Paint Brush	1																																																																							
4	Lower Bellcrank Rod End, Guide Roller and Shaft	oil, D00091	Oil Can	3																																																																							
5	Window Open Latch	oil, D00091	Oil Can	2																																																																							
6	Handle Pivot Area	oil, D00091	Oil Can	2																																																																							
7	Window Release Guide Roller	oil, D00091	Paint Brush	1																																																																							
8	Trigger Hinge Pin	oil, D00091	Oil Can	1																																																																							
9	Guide Pin Track	oil, D00091	Paint Brush	1																																																																							
10	Lower Forward and Bellcrank Rod End	oil, D00091	Paint Brush	1																																																																							
11	Cam Shaft	oil, D00091	Oil Can	2																																																																							
12	External Release Handle Linkage	oil, D00091	Oil Can	4																																																																							
13	Lower Track Inside Surface (entire length)	oil, D00091 or solid film lubricant, D00113	Oil Can	1																																																																							
C. Put the airplane back its usual condition. SUBTASK 12-25-81-840-001 (1) Install the window lining, do this task: Flight Compartment Forward Ceiling Panel Installation, AMM TASK 25-11-21-400-801. <div style="text-align: center;">————— END OF TASK —————</div>																																																																											
EFFECTIVITY AKS ALL		SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-010-00-01																																																																								




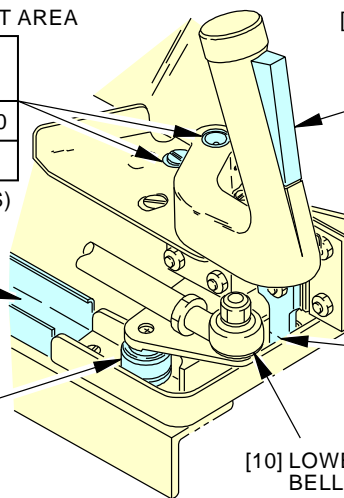





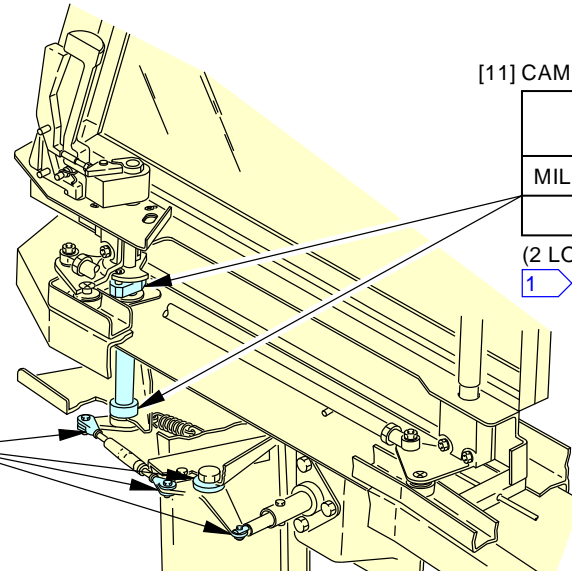
DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-010-00-01
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No. 2 Sliding Window Lubrication
Figure 1 (Sheet 1 of 2)

F91531 S0006561747_V2

EFFECTIVITY AKS ALL	SOURCE MRB	CONTROL CABIN SLIDING WINDOWS
	D633A109-AKS 56-010-00-01	Page 3 of 4 Feb 15/2015

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-010-00-01
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>[13] LOWER TRACK INSIDE SURFACE (ENTIRE LENGTH)</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 OR BMS 3-8 </div> <p>(1 LOCATION)</p> <div style="border: 1px solid blue; padding: 2px; display: inline-block; color: blue;">1</div> </div> <div style="width: 30%;"> <p>[6] HANDLE PIVOT AREA</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 </div> <p>(2 LOCATIONS)</p> </div> <div style="width: 30%;"> <p>[8] TRIGGER HINGE PIN</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 </div> <p>(1 LOCATION)</p> <div style="border: 1px solid blue; padding: 2px; display: inline-block; color: blue;">1</div> </div> </div> <div style="text-align: center; margin: 20px 0;">  </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>[7] WINDOW RELEASE GUIDE ROLLER</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 </div> <p>(1 LOCATION)</p> </div> <div style="width: 30%;"> <p>[9] GUIDE PIN TRACK</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 </div> <p>(1 LOCATION)</p> </div> <div style="width: 30%;"> <p>[10] LOWER FORWARD AND BELLCRANK ROD END</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 </div> <p>(1 LOCATION)</p> </div> </div> <div style="text-align: center; margin: 20px 0;"> <p>WINDOW RELEASE</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">7 POINTS</div> <div style="border: 2px solid blue; padding: 5px; display: inline-block; color: blue; font-weight: bold; margin-top: 5px;">B</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 30%;"> <p>[12] EXTERNAL RELEASE HANDLE LINKAGE</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 </div> <p>(4 LOCATIONS)</p> <div style="border: 1px solid blue; padding: 2px; display: inline-block; color: blue;">1</div> </div> <div style="width: 30%;"> <p>[11] CAM SHAFT</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  MIL-PRF-7870 </div> <p>(2 LOCATIONS)</p> <div style="border: 1px solid blue; padding: 2px; display: inline-block; color: blue;">1</div> </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>RIGHT WINDOW EMERGENCY RELEASE</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">6 POINTS</div> <div style="border: 2px solid blue; padding: 5px; display: inline-block; color: blue; font-weight: bold; margin-top: 5px;">B</div> </div> <div style="margin-top: 20px;"> <p>NOTE:</p> <div style="border: 1px solid blue; padding: 2px; display: inline-block; color: blue;">1</div> <p>APPLY LUBRICANT ADEQUATELY TO PREVENT LEAKAGE ONTO OTHER SYSTEMS.</p> </div>				
No. 2 Sliding Window Lubrication Figure 1 (Sheet 2 of 2)				
EFFECTIVITY AKS ALL		SOURCE MRB		
CONTROL CABIN SLIDING WINDOWS				
D633A109-AKS 56-010-00-01				
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AKS



737-600/700/800/900 TASK CARDS

AIRLINE CARD NO		TITLE CONTROL CABIN SLIDING WINDOWS			BOEING CARD NO. 56-030-00-01	
DATE	TASK OPERATIONAL				RELATED CARD	
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 4 YR	REPEAT 4 YR	APPLICABILITY	
STATION	SKILL AIRPL				AIRPLANE 600 700 800 900	ENGINE ALL
		ACCESS			ZONE 211 212	

Operationally check the inside release mechanisms for the pilots and co-pilots #2 sliding windows. Operationally check the co-pilots #2 sliding window from the outside.

A. References

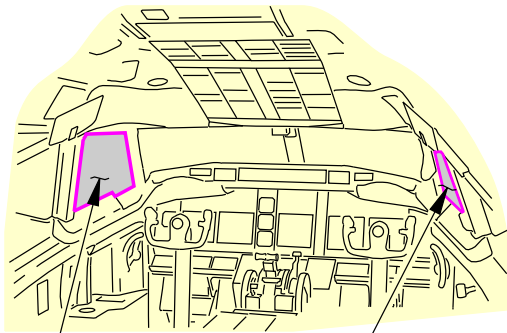
Reference	Title
AMM 56-12-11-300-803	Replace the No. 2 Window Handle Trigger Return Spring (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-030-00-01	Page 1 of 4 Jun 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-030-00-01
TASK 56-12-11-710-803				MECH INSP
1. No. 2 Openable Window Operational Check				
A. Prepare for the No. 2 window operational check.				
SUBTASK 56-12-11-710-012				
<u>WARNING:</u> DO NOT TOUCH THE WINDOW UNLESS THE CIRCUIT BREAKERS ARE OPEN, AND THE WINDOW HEAT SWITCHES ARE OFF. ELECTRICAL SHOCK CAN CAUSE INJURIES TO PERSONNEL.				
(1) Move these switches on the pilot's overhead panel to the OFF position and attach DO-NOT-OPERATE tags: <ul style="list-style-type: none"> (a) WINDOW HEAT L SIDE (b) WINDOW HEAT R SIDE 				
SUBTASK 56-12-11-710-013				
(2) Open these circuit breakers and install safety tags:				
F/O Electrical System Panel, P6-11				
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	
B	8	C00393	WINDOW HEAT POWER RIGHT SIDE	
F/O Electrical System Panel, P6-12				
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	
B	9	C00392	WINDOW HEAT POWER LEFT SIDE	
B. Procedure				
SUBTASK 56-12-11-710-010				
(1) Do a check of the window operation. <ul style="list-style-type: none"> (a) Make sure that the window unlocks, and that the handle turns freely when you pull the trigger. (b) Make sure that the window moves freely on the tracks. (c) Make sure that the window open lock holds the window open. (d) Make sure that the window can be unlocked from the open position. (e) Make sure that the window locks shut when the handle is fully forward and the trigger is released. (f) Make sure that the lock pin on the handle fully engages the lockplate as shown in View A-A of the (Figure 1). <p><u>NOTE:</u> Window is in the closed/locked position. Lower surface of the lock pin to be flush to lower surface of lockplate within +0.020 in. (0.508 mm)/-0.000 in. (0.000 mm). If window handle operation is not effected, then the clearance can greater than 0.020 in. (0.5080 mm)</p> <p><u>NOTE:</u> You can adjust the lock bolt protrusion through the lockplate by adjusting the stiffener location, up or down.</p> (g) Make sure that the trigger returns fully when it is released. 				
EFFECTIVITY AKS ALL		SOURCE MRB	CONTROL CABIN SLIDING WINDOWS	
			D633A109-AKS 56-030-00-01	
			Page 2 of 4 Feb 15/2015	

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-030-00-01																	
1) If the trigger does not return fully, replace the trigger return spring (AMM TASK 56-12-11-300-803). SUBTASK 56-12-11-710-011 (2) Do a check of the emergency exit release mechanism. (a) Make sure that the window unlocks and opens when the external release handle is pulled. (b) Make sure that the external release handle is aligned with the skin when the handle is in the flight position. C. Put the Airplane Back to its Usual Condition. SUBTASK 56-12-11-860-010 (1) Remove the safety tags and close these circuit breakers: F/O Electrical System Panel, P6-11 <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>8</td> <td>C00393</td> <td>WINDOW HEAT POWER RIGHT SIDE</td> </tr> </tbody> </table> F/O Electrical System Panel, P6-12 <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>9</td> <td>C00392</td> <td>WINDOW HEAT POWER LEFT SIDE</td> </tr> </tbody> </table> SUBTASK 56-12-11-800-004 (2) Remove the DO-NOT-OPERATE tags from these switches on the pilot's overhead panel: (a) WINDOW HEAT L SIDE. (b) WINDOW HEAT R SIDE. <p style="text-align: center;">————— END OF TASK —————</p>				<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	8	C00393	WINDOW HEAT POWER RIGHT SIDE	<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	B	9	C00392	WINDOW HEAT POWER LEFT SIDE	MECH	INSP
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																		
B	8	C00393	WINDOW HEAT POWER RIGHT SIDE																		
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																		
B	9	C00392	WINDOW HEAT POWER LEFT SIDE																		
EFFECTIVITY AKS ALL		SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-030-00-01																		

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-030-00-01
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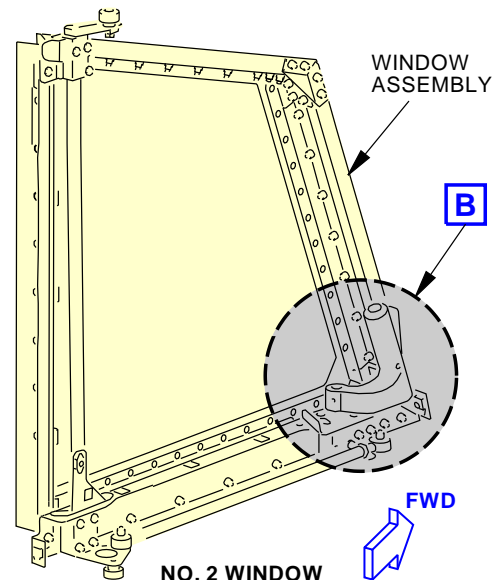
NO. 2 WINDOW

NO. 2 WINDOW

A

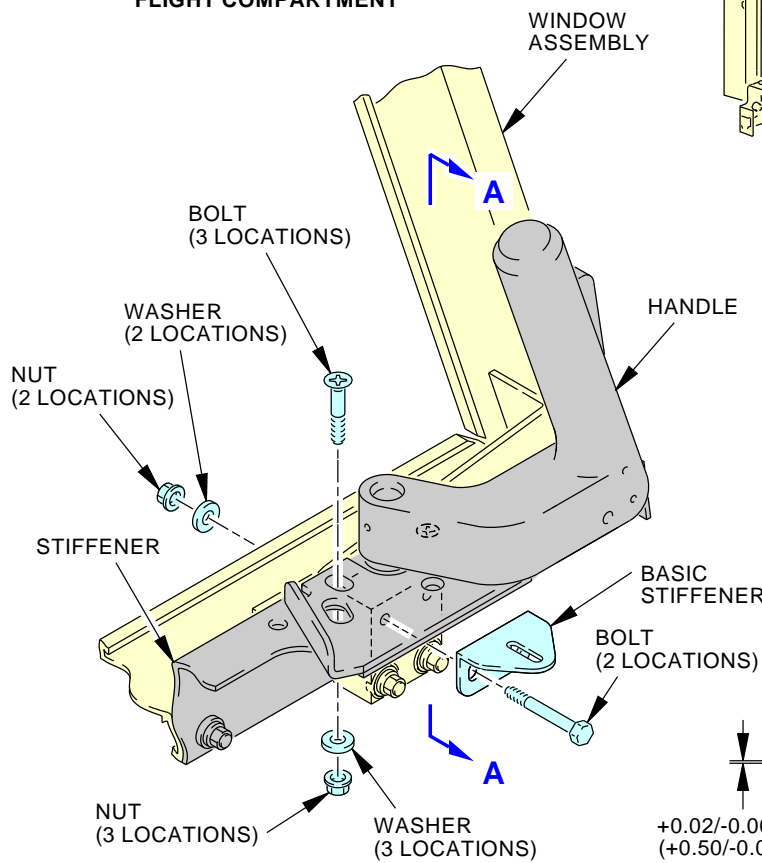
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FLIGHT COMPARTMENT



NO. 2 WINDOW
(EXAMPLE)

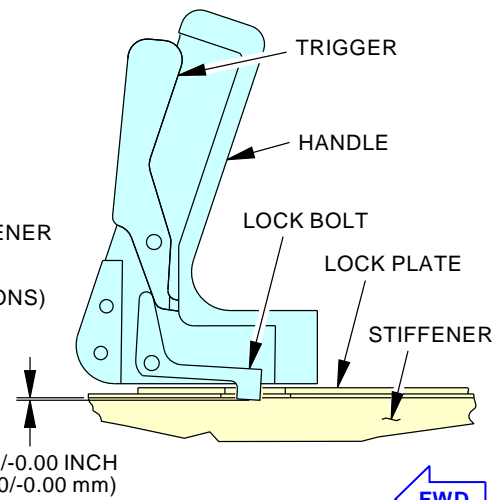
A



HANDLE ASSEMBLY

B

FWD



HANDLE ASSEMBLY
(VIEW IN THE INBOARD DIRECTION)

A-A

FWD

Emergency Exit Release Handle Clearance
Figure 1

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EFFECTIVITY AKS ALL	SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-030-00-01	Page 4 of 4 Feb 15/2015
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AKS



737-600/700/800/900 TASK CARDS

AIRLINE CARD NO		TITLE CONTROL CABIN SLIDING WINDOWS			BOEING CARD NO. 56-050-00-01
DATE	TASK INSPECTION - GEN VISUAL				RELATED CARD
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 4 YR	REPEAT 4 YR	APPLICABILITY AIRPLANE 600 700 800 900 ENGINE ALL NOTE
STATION	SKILL AIRPL				
		ACCESS			ZONE 211 212

Perform a general visual inspection of the pilots and co-pilots #2 sliding window sill drain for obvious damage, clogging, condition, and security.

AIRPLANE NOTE: Applicable to airplanes line number 145 and on.

Applicable to airplanes line number 1 to 144 incorporating SB 737-56-1011.

EFFECTIVITY AKS ALL	SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-050-00-01	Page 1 of 3 Jun 15/2015
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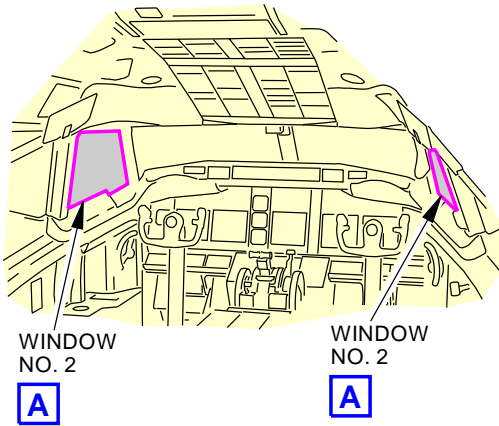


**737-600/700/800/900
TASK CARDS**

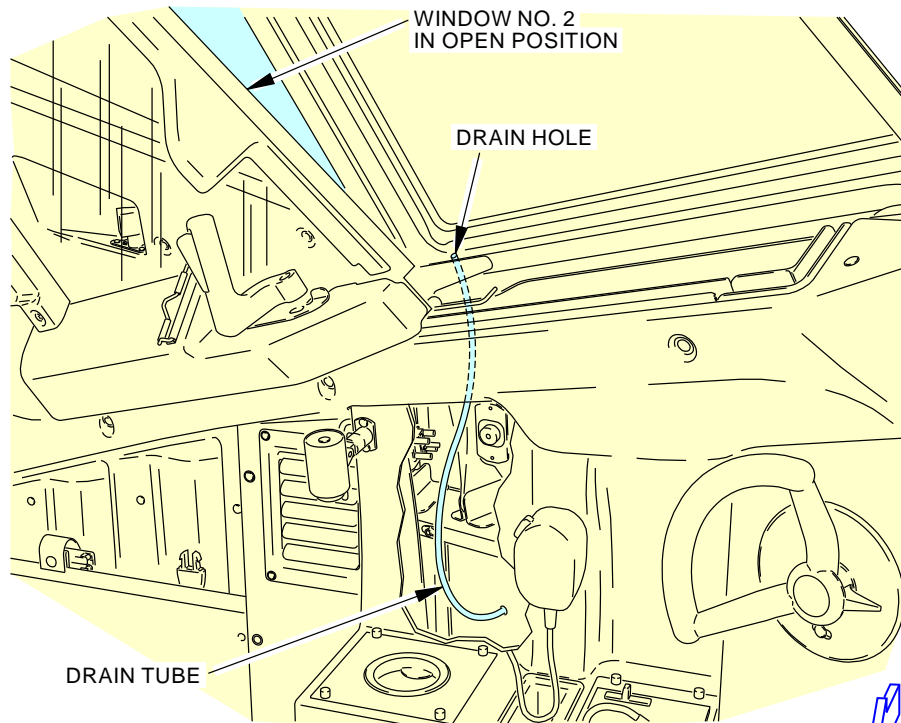
DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-050-00-01	
TASK 56-12-11-200-802 1. <u>No. 2 Openable Window Sill Drain Inspection</u> (Figure 1) A. Perform a general visual check of the pilot's and co-pilot's no. 2 openable window sill drain for obvious damage, clogging, condition and security. <small>SUBTASK 56-12-11-200-003</small> (1) Examine no. 2 openable window sill drain. (a) Examine no. 2 openable window sill drain for obvious damage, condition and security. (b) Make sure the drain is not blocked and that water has not accumulated in the frame. <div style="text-align: center;">————— END OF TASK —————</div>				MECH	INSP
EFFECTIVITY AKS ALL		SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-050-00-01		

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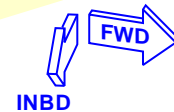
DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 56-050-00-01
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FLIGHT COMPARTMENT



NOTE:
LEFT SIDE IS SHOWN,
RIGHT SIDE IS OPPOSITE.



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**No. 2 Openable Window Sill Drain Inspection
Figure 1**

EFFECTIVITY AKS ALL	SOURCE MRB	CONTROL CABIN SLIDING WINDOWS D633A109-AKS 56-050-00-01	Page 3 of 3 Oct 15/2015
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