

CHAPTER

28

FUEL

AKS
737-600/700/800/900
TASK CARDS
CHAPTER 28
FUEL

Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
28-EFFECTIVE PAGES			28-030-02-01	SYS		28-056-00-01	SYS (cont)	
1 thru 4	JUN 15/2016		R 1	Jun 15/2016		7	Feb 15/2015	
28-010-00-01	SYS		2	Feb 15/2015		8	Feb 15/2015	
1	Oct 15/2014		3	Feb 15/2015		9	Feb 15/2015	
2	Feb 15/2015		4	Jun 15/2015		10	Feb 15/2015	
3	Jun 15/2015		5	Jun 15/2015		11	Feb 15/2015	
4	Jun 15/2015		28-040-00-01	SYS		12	Feb 15/2015	
28-020-01-01	SYS		1	Jun 15/2015		13	Feb 15/2015	
1	Jun 15/2015		2	Feb 15/2016		14	Feb 15/2015	
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3	Feb 15/2015		4	Feb 15/2016		R 16	Jun 15/2016	
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7	Oct 15/2014		28-050-00-01	SYS		3	Feb 15/2015	
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9	Oct 15/2014		2	Feb 15/2015		5	Jun 15/2015	
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28-020-02-01	SYS		4	Feb 15/2015		28-060-02-01	SYS	
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28-030-01-01	SYS		8	Feb 15/2015		4	Jun 15/2015	
R 1	Jun 15/2016		28-056-00-01	SYS		5	Jun 15/2015	
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4	Jun 15/2015		R 3	Jun 15/2016		2	Feb 15/2015	
5	Jun 15/2015		O 4	Jun 15/2016		3	Jun 15/2015	
			5	Feb 15/2015				
			6	Feb 15/2015				

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28-EFFECTIVE PAGES

AKS
**737-600/700/800/900
TASK CARDS**
**CHAPTER 28
FUEL**

Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
28-080-00-01	SYS		28-115-00-01	SYS (cont)		28-140-00-03	SYS	
1	Jun 15/2015		15	Feb 15/2016		1	Oct 15/2014	
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3	Oct 15/2014		17	Jun 15/2015		3	Feb 15/2015	
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5	Jun 15/2015		19	Oct 15/2015		5	Jun 15/2015	
6	Jun 15/2015		20	Oct 15/2015		6	Jun 15/2015	
7	Jun 15/2015		28-125-00-01	SYS		28-150-00-01	SYS	
8	Jun 15/2015		1	Feb 15/2016		1	Feb 15/2016	
9	Jun 15/2015		2	Feb 15/2016		2	Feb 15/2016	
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28-090-00-01	SYS		O 4	Jun 15/2016		4	Jun 15/2015	
1	Feb 15/2016		O 5	Jun 15/2016		5	Jun 15/2015	
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14	Feb 15/2015					2	Feb 15/2015	

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28-EFFECTIVE PAGES

AKS**737-600/700/800/900****TASK CARDS**
CHAPTER 28
FUEL

Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
28-170-00-01	SYS (cont)		28-171-00-01	SYS (cont)		28-201-00-01	SYS	
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8	Oct 15/2014		28-171-00-02	SYS		2	Feb 15/2015	
9	Oct 15/2014		1	Oct 15/2014		3	Jun 15/2015	
R 10	Jun 15/2016		2	Feb 15/2015		4	Jun 15/2015	
R 11	Jun 15/2016		3	Feb 15/2015		28-205-00-01	SYS	
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4	Oct 15/2014		5	Feb 15/2015				

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28-EFFECTIVE PAGES

AKS**737-600/700/800/900****TASK CARDS****CHAPTER 28**
FUEL

Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
28-213-00-01	SYS							
1	Feb 15/2016							
2	Feb 15/2015							
3	Oct 15/2014							
4	Jun 15/2015							
5	Jun 15/2015							

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28-EFFECTIVE PAGES

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

AIRLINE CARD NO		TITLE INSPECT FUEL TANKS LOWER SURFACE - EXTERNAL			BOEING CARD NO.		
DATE	TASK INSPECTION - GEN VISUAL				28-010-00-01	RELATED CARD	
TAIL NUMBER	WORK AREA LWR FUEL TANK	VERSION 1.1	THRESHOLD 8000 FH	REPEAT 8000 FH	APPLICABILITY		
STATION	SKILL AIRPL				AIRPLANE ALL	ENGINE ALL	
		ACCESS			ZONE 531 532 533 631 632 633		

Inspect (general visual) the main and center fuel tank (wing) external lower surfaces including tank vents, sump drain valves, skin lap joints for obvious leaks, condition, and security.

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT FUEL TANKS LOWER SURFACE - EXTERNAL	
		D633A109-AKS 28-010-00-01	Page 1 of 4 Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-010-00-01
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TASK 28-11-00-210-801

MECH

INSP

1. General Visual Inspection of the Fuel Tanks

(Figure 1)

A. Procedure

SUBTASK 28-11-00-210-024

- (1) Regularly inspect (general visual) the main and center fuel tank (wing) lower surfaces for obvious leaks, condition, and security.
 - (a) Make sure you do an inspection of each of these components:
 - 1) Tank vents
 - 2) Sump drain valves
 - 3) Skin lap joints

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT FUEL TANKS LOWER SURFACE - EXTERNAL
		D633A109-AKS 28-010-00-01

**Page 2 of 4
Feb 15/2015**

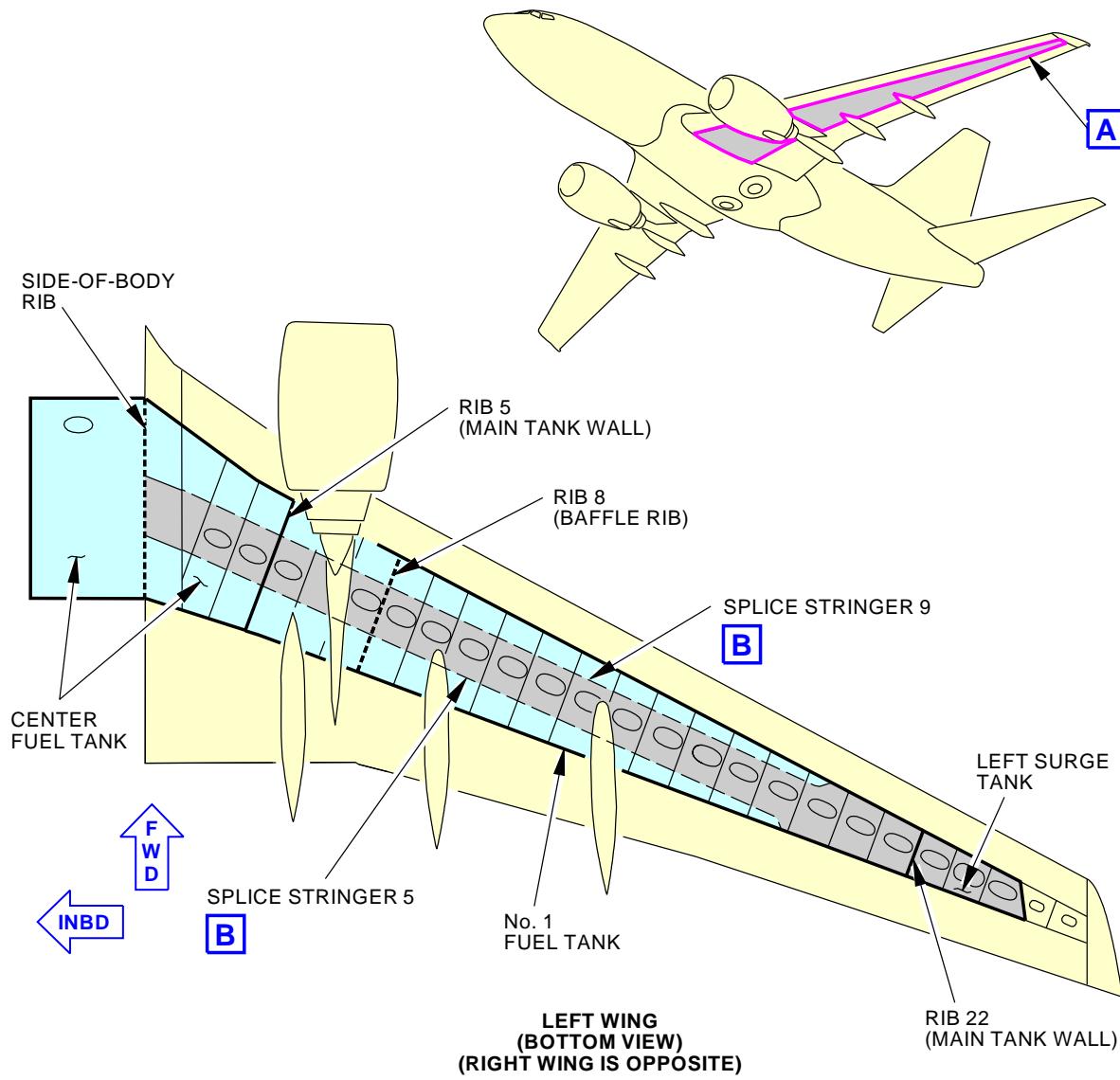
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-010-00-01

F69441 S0006571231_V3

**Skin Joints and Fillet Seals of the Wing
Figure 1 (Sheet 1 of 2)****EFFECTIVITY
AKS ALL****SOURCE
MRB****INSPECT FUEL TANKS LOWER SURFACE - EXTERNAL****D633A109-AKS
28-010-00-01****Page 3 of 4
Jun 15/2015**

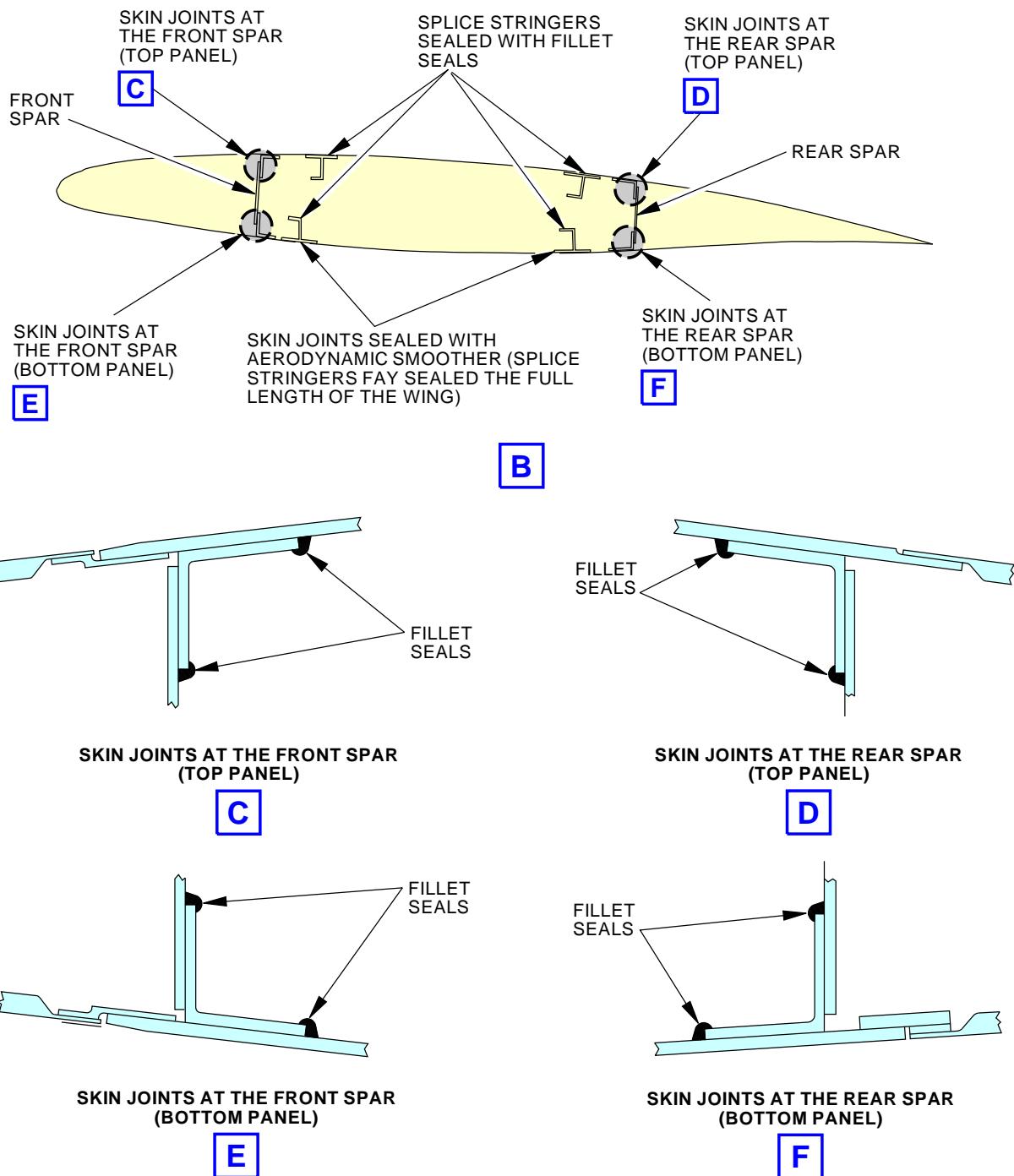
AKS**BOEING****737-600/700/800/900****TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-010-00-01

Skin Joints and Fillet Seals of the Wing
Figure 1 (Sheet 2 of 2)

F69568 S0006571232_V2

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT FUEL TANKS LOWER SURFACE - EXTERNAL
		D633A109-AKS 28-010-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES			BOEING CARD NO.
DATE	TASK OPERATIONAL				28-020-01-01
TAIL NUMBER	WORK AREA LEFT WING	VERSION 1.1	THRESHOLD 3 YR	REPEAT 3 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 533

Operationally check the left surge tank pressure relief valves.

A. References

Reference	Title
AMM 28-13-41-400-802	Pressure Relief Valve - Manual Operation (P/B 601)

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-1761	Tracer - Leakage, Integral Tank Leakage Test Part #: F71329 Supplier: 81205
SPL-1774	Manometer - Water, Test Equipment Part #: F72951-1 Supplier: 81205
SPL-3899	Fixture - Test, Pressure Relief, Flame Arrestor Surge Tank Part #: F80166-1 Supplier: 81205
SPL-8420	Check Fixture Equipment - Pressure Relief Valve Part #: G28005-35 Supplier: 81205
STD-1084	Gauge - Pressure, 0-10 PSIG (0-69 kPa)
STD-3939	Air Source - Regulated, Dry Filtered, 0 to 10 psig (0 to 69 kPa)
STD-3944	Vacuum Source 0 to -3.00 psig

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-01-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-020-01-01
				MECH INSP
TASK 28-13-41-200-801				
1. Pressure Relief Valve Pressure Check (Figure 1, Figure 2)				
A. General <ul style="list-style-type: none">(1) If a pressure gage is used, it must have an accuracy of +/- .018 psig (+/- 0.5 inches of water) (+/- 0.12 kPa). One pressure gage that satisfies these requirements is the DigiMano 2000, available from Netech Corporation, 60 Bethpage Drive, Hicksville, NY 11801, USA. A pressure gage of less accuracy can be used if the results can be shown to satisfy the requirements in this procedure within a margin that accounts for the additional margin of error.(2) You can use either the pressure relief valve equipment, SPL-8420, or the fixture, SPL-3899, to accomplish this pressure check.				
B. Prepare for the Pressure Check SUBTASK 28-13-41-210-002 <ul style="list-style-type: none">(1) Make sure the pressure relief valve is closed. SUBTASK 28-13-41-440-002 <ul style="list-style-type: none">(2) If the pressure relief valve is open, pull down the T-handle to close the pressure relief valve (AMM TASK 28-13-41-400-802). SUBTASK 28-13-41-480-001 <ul style="list-style-type: none">(3) To install the pressure relief valve equipment, SPL-8420, on the relief valve, do these steps (Figure 1):<ul style="list-style-type: none">(a) Remove the four bolts from the applicable access doors:<ul style="list-style-type: none">1) 533BB - Surge Tank Access Door - Wing Station 679.2) 633BB - Surge Tank Access Door - Wing Station 679.(b) Put the pressure relief valve equipment, SPL-8420, against the pressure relief valve.<ul style="list-style-type: none">1) Make sure the O-ring seal is installed in the flange groove of the test fixture.2) Make sure the O-ring has a good seal in all positions.(c) Attach the pressure relief valve equipment, SPL-8420, to the relief valve. NOTE: There are two sets of holes in the fixture for the mounting bolts. One set of holes is to be used on the left surge tank access door. The other set of holes is to be used on the right surge tank access door.<ul style="list-style-type: none">1) Put four bolts of the test fixture in the positions of the four mounting bolts for the access door that you removed.(d) Connect the regulated 0 to 10 psig (0 to 69 kPa) dry filtered regulated air source, STD-3939, to the pressure relief valve equipment, SPL-8420.				
SUBTASK 28-13-41-420-005 <ul style="list-style-type: none">(4) To install the fixture, SPL-3899, do these steps (Figure 2):<ul style="list-style-type: none">(a) Remove four of the eight mounting screws which attach the relief valve to the access panel.				

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES	
		D633A109-AKS 28-020-01-01	Page 2 of 10 Feb 15/2015

AKS



737-600/700/800/900 TASK CARDS

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-01-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-020-01-01
				MECH INSP
SUBTASK 28-13-41-780-001				
(1) Slowly and continuously supply a positive pressure of more than 1 psig (6.89 kPa) (27.7 inches of water) from the 0 to 10 psig (0 to 69 kPa) dry filtered regulated air source, STD-3939.				
(a) Make sure the pressure relief valve [1] opens at a pressure between 1 psig (6.89 kPa) (27.7 in. (70.4 cm) of water) and 1.25 psig (8.62 kPa) (34.6 in. (87.9 cm) of water).				
SUBTASK 28-13-41-080-001				
(2) Put the pressure back to 0 psig (0 kPa).				
SUBTASK 28-13-41-080-002				
(3) Remove the 0 to 10 psig (0 to 69 kPa) dry filtered regulated air source, STD-3939.				
SUBTASK 28-13-41-080-003				
(4) Remove the pressure relief valve equipment, SPL-8420, or fixture, SPL-3899.				
SUBTASK 28-13-41-440-003				
(5) Pull the T-handle to close the relief valve manually, do this task: Pressure Relief Valve - Manual Operation, AMM TASK 28-13-41-400-802.				
SUBTASK 28-13-41-480-003				
(6) Install the applicable test fixture on the pressure relief valve again.				
SUBTASK 28-13-41-480-006				
(7) If you use the water manometer, SPL-1774, then do these steps to prepare the water manometer, SPL-1774, to make the measurements:				
(a) Put a mark 34.5 in. (87.6 cm) above the original mark (at the original water level).				
NOTE: That is, a total of 73.5 in. (186.7 cm) above the horizontal tube at the base of the water manometer, SPL-1774. This represents a pressure differential of -69 in. (-175 cm) of water.				
(b) Make a second mark 38 in. (97 cm) above the original water level.				
NOTE: That is, a total of 77 in. (196 cm) above the horizontal tube at the base of the water manometer, SPL-1774. This represents a pressure differential of -76 in. (-193 cm) of water.				
(c) Use these values for the test for negative pressure requirements.				
SUBTASK 28-13-41-480-005				
(8) If you use the fixture, SPL-3899, then do these steps:				
(a) Open the globe shutoff valve on the integral tank leakage tracer, SPL-1761.				
(b) Disconnect the hose from the positive pressure output.				
(c) Connect the hose to the vacuum output fitting.				
SUBTASK 28-13-41-780-002				
(9) Install a 0 to -3.00 psig vacuum source, STD-3944, on the test fixture.				
SUBTASK 28-13-41-720-001				
(10) Decrease the pressure (increase the suction) on the test fixture until the relief valve opens.				

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES	
		D633A109-AKS 28-020-01-01	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. 28-020-01-01			
				<table border="1"><tr><td>(a) Make sure the pressure relief [1] valve opens at a pressure between -2.5 psig (-17.24 kPa) (-69.25 in. (-175.90 cm) of water) and -2.75 psig (-18.96 kPa) (-76.18 in. (-193.50 cm) of water).</td><td>MECH</td><td>INSP</td></tr></table>	(a) Make sure the pressure relief [1] valve opens at a pressure between -2.5 psig (-17.24 kPa) (-69.25 in. (-175.90 cm) of water) and -2.75 psig (-18.96 kPa) (-76.18 in. (-193.50 cm) of water).	MECH	INSP
(a) Make sure the pressure relief [1] valve opens at a pressure between -2.5 psig (-17.24 kPa) (-69.25 in. (-175.90 cm) of water) and -2.75 psig (-18.96 kPa) (-76.18 in. (-193.50 cm) of water).	MECH	INSP					

D. Put the Airplane Back to Its Usual Condition

SUBTASK 28-13-41-860-005

- (1) Set the pressure on the 0 to -3.00 psig vacuum source, STD-3944, to 0 psig (0 kPa).

SUBTASK 28-13-41-080-004

- (2) Remove the 0 to -3.00 psig vacuum source, STD-3944, from the test fixture.

SUBTASK 28-13-41-080-005

- (3) Do these steps to remove the pressure relief valve equipment, SPL-8420, if it was installed:

- (a) Remove the four bolts of the test fixture from the access door.

- 1) Store the four bolts in the threaded holes on the pressure relief valve equipment, SPL-8420.

- (b) Install the four bolts for the applicable access doors:

- 1) 533BB - Surge Tank Access Door - Wing Station 679.

- 2) 633BB - Surge Tank Access Door - Wing Station 679.

NOTE: These are the bolts that you removed at the start of this procedure.

SUBTASK 28-13-41-080-006

- (4) Do these steps to remove the fixture, SPL-3899, if it was installed:

- (a) Disconnect the pressure gauge (0-10 PSIG) (0-69 KPa), STD-1084, or water manometer, SPL-1774, and integral tank leakage tracer, SPL-1761, from the area.

- (b) Remove the fixture, SPL-3899, from the relief valve.

- (c) Put back the four usual mounting screws which attach the relief valve to the access panel.

NOTE: These are the screws that you removed at the start of this procedure if you used the fixture, SPL-3899.

SUBTASK 28-13-41-440-004

- (5) Pull down the T-handle to close the pressure relief valve (AMM TASK 28-13-41-400-802).

———— END OF TASK ———

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-01-01

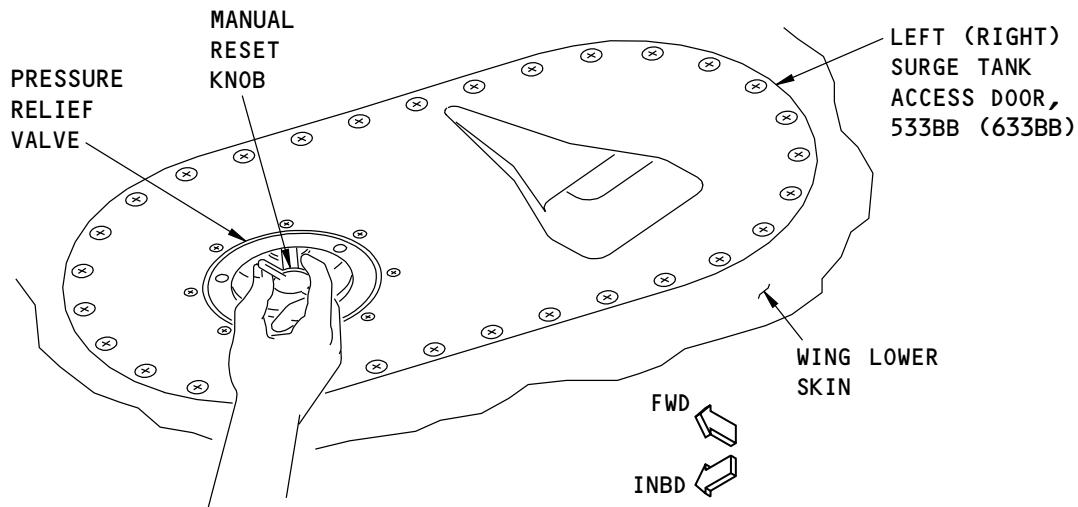
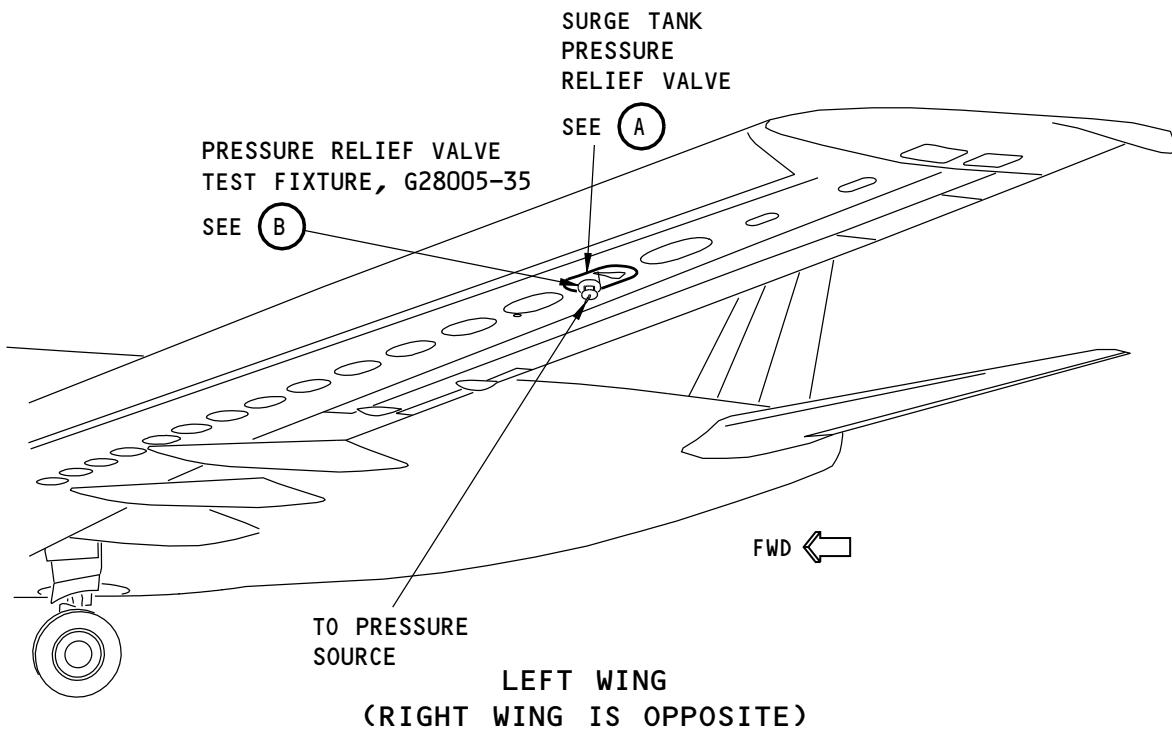
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-020-01-01

**SURGE TANK PRESSURE RELIEF VALVE
(MANUAL RESET)**

A

F71221 S0006571373_V2

Surge Tank Pressure Relief Valve Inspection with Test Fixture, G28005-35
Figure 1 (Sheet 1 of 3)

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-01-01

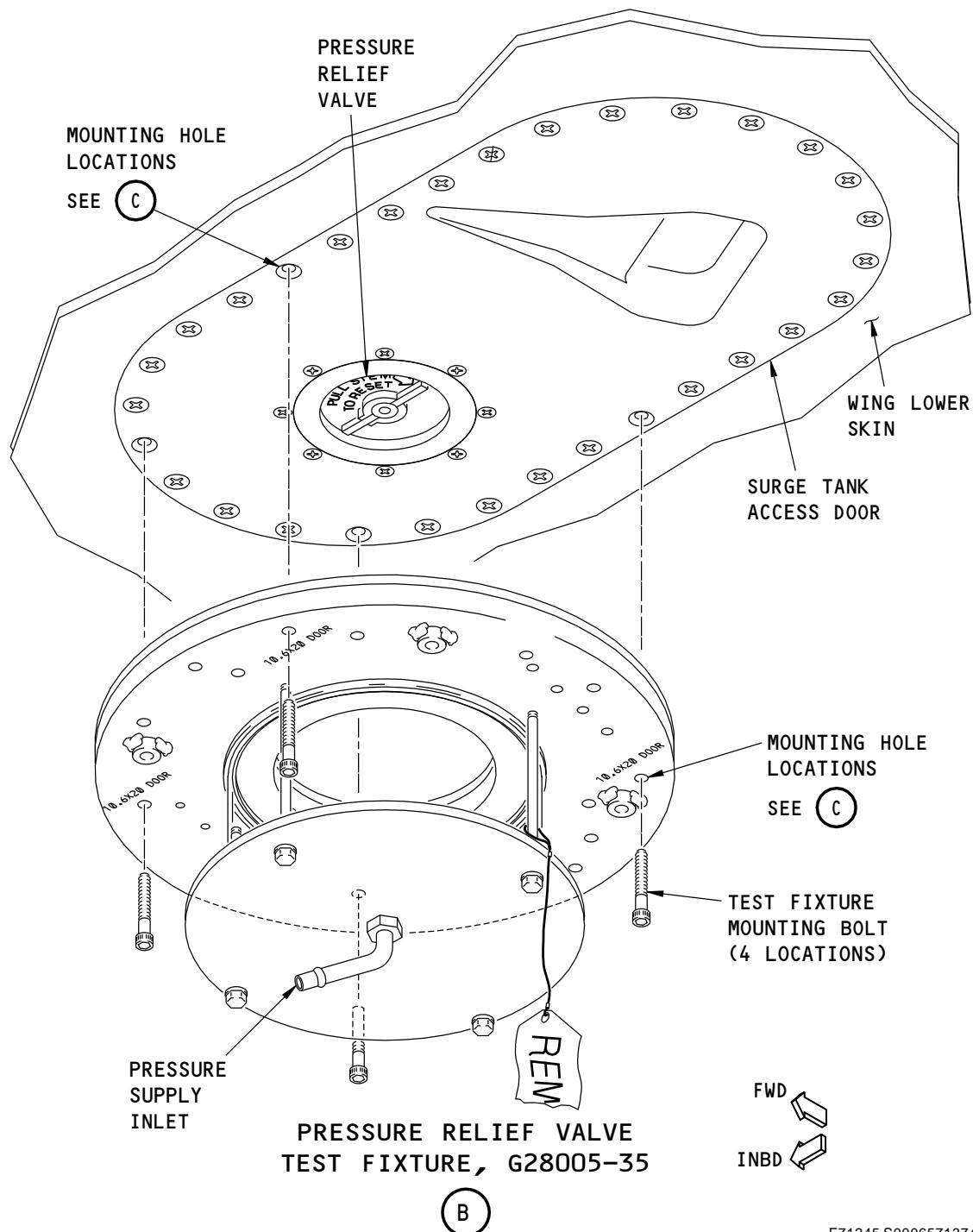
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-020-01-01

F71245 S0006571374_V2

Surge Tank Pressure Relief Valve Inspection with Test Fixture, G28005-35
Figure 1 (Sheet 2 of 3)EFFECTIVITY
AKS ALLSOURCE
MRB**OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES****D633A109-AKS
28-020-01-01****Page 7 of 10
Oct 15/2014**

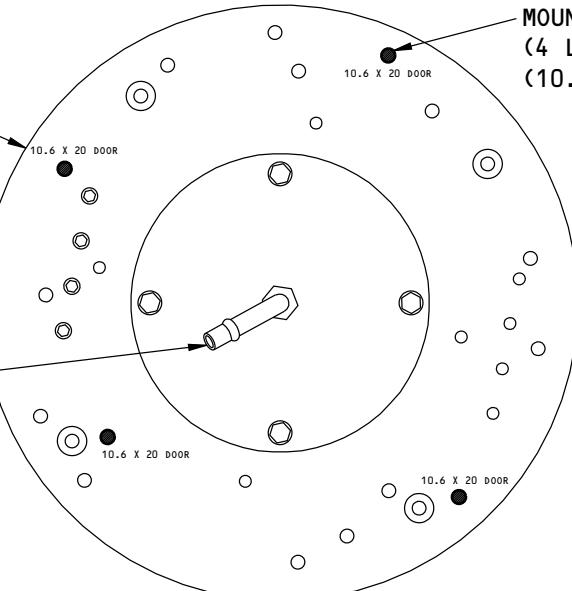
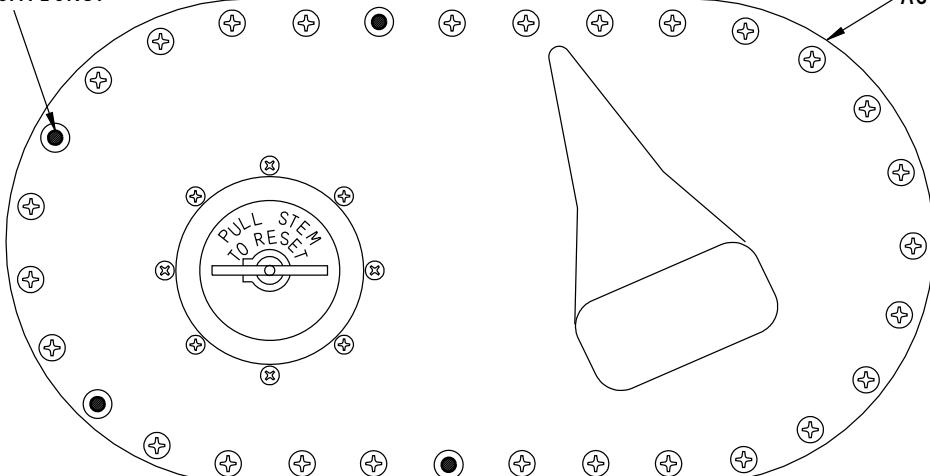
AKS**BOEING****737-600/700/800/900****TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-020-01-01**PRESSURE
RELIEF VALVE
TEST FIXTURE,
G28005-35****PRESSURE
SUPPLY
INLET****MOUNTING HOLE
(4 LOCATIONS)
(10.6 x 20 DOOR)****MOUNTING HOLE LOCATIONS
(TEST FIXTURE, G28005-35)****C****MOUNTING HOLE
(4 LOCATIONS)****SURGE TANK
ACCESS DOOR****MOUNTING HOLE LOCATIONS
(SURGE TANK ACCESS DOOR)****C**

M05639 S0006571375_V2

Surge Tank Pressure Relief Valve Inspection with Test Fixture, G28005-35
Figure 1 (Sheet 3 of 3)**EFFECTIVITY
AKS ALL****SOURCE
MRB****OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE
RELIEF VALVES****D633A109-AKS
28-020-01-01****Page 8 of 10
Oct 15/2014**

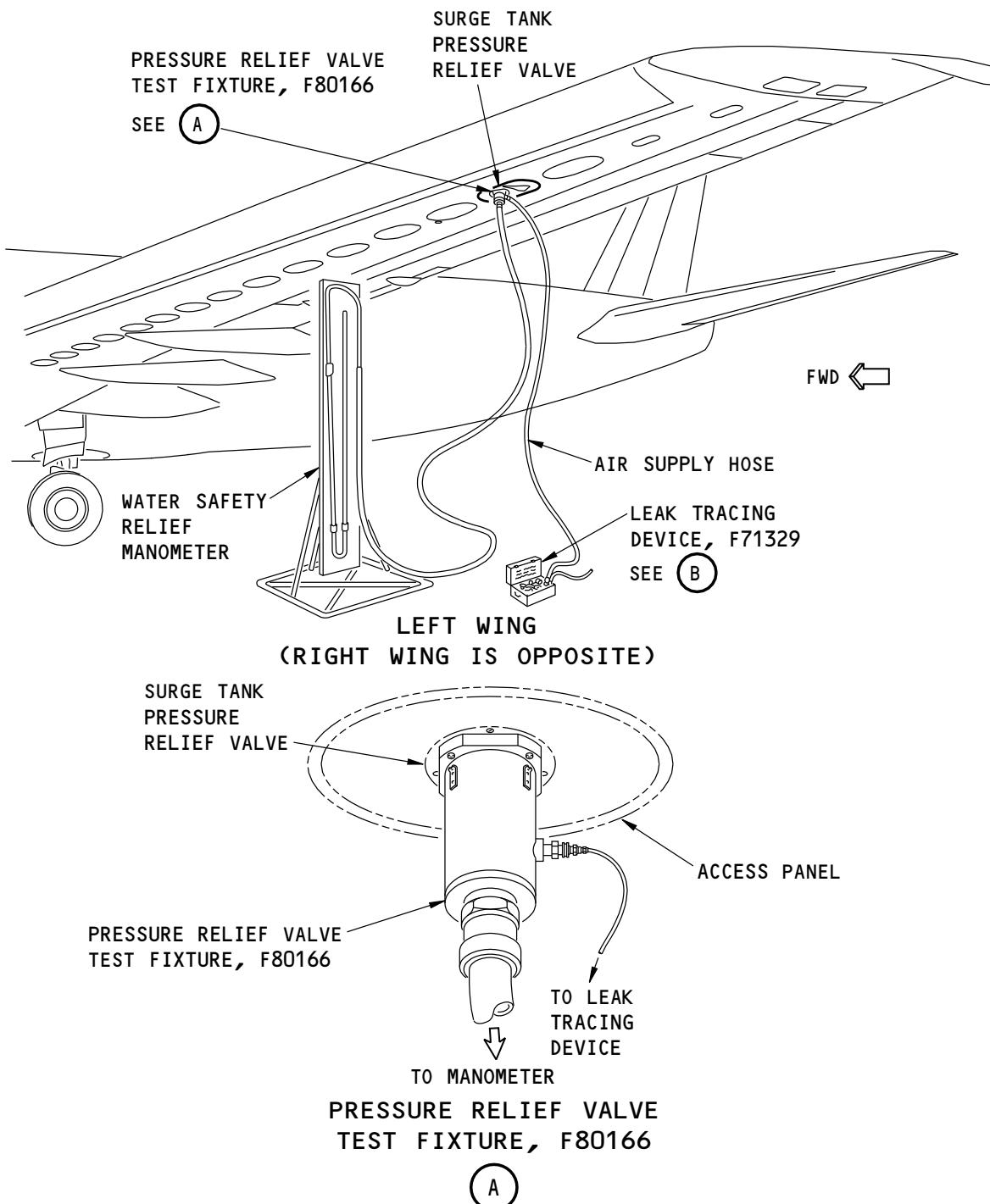
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

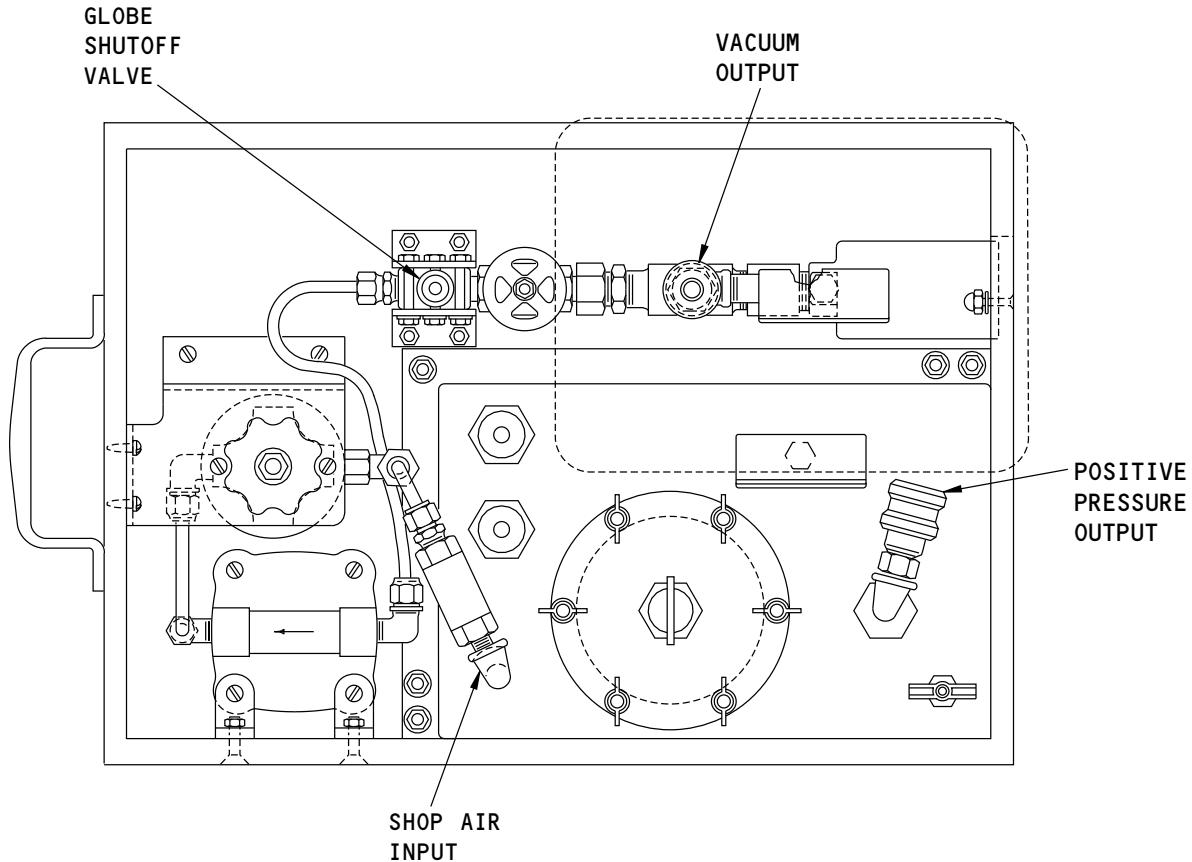
BOEING CARD NO.
28-020-01-01

M62485 S0006571376_V2

**Surge Tank Pressure Relief Valve Inspection with Test Fixture, F80166
Figure 2 (Sheet 1 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE
RELIEF VALVES****D633A109-AKS
28-020-01-01****Page 9 of 10
Oct 15/2014**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-020-01-01
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**LEAK TRACING DEVICE, F71329****B**

1979368 S0000382264_V1

**Surge Tank Pressure Relief Valve Inspection with Test Fixture, F80166
Figure 2 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK LEFT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-01-01

**Page 10 of 10
Oct 15/2014**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES			BOEING CARD NO.
DATE	TASK OPERATIONAL				28-020-02-01
TAIL NUMBER	WORK AREA RIGHT WING	VERSION 1.1	THRESHOLD 3 YR	REPEAT 3 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 633

Operationally check the right surge tank pressure relief valves.

A. References

Reference	Title
AMM 28-13-41-400-802	Pressure Relief Valve - Manual Operation (P/B 601)

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-1761	Tracer - Leakage, Integral Tank Leakage Test Part #: F71329 Supplier: 81205
SPL-1774	Manometer - Water, Test Equipment Part #: F72951-1 Supplier: 81205
SPL-3899	Fixture - Test, Pressure Relief, Flame Arrestor Surge Tank Part #: F80166-1 Supplier: 81205
SPL-8420	Check Fixture Equipment - Pressure Relief Valve Part #: G28005-35 Supplier: 81205
STD-1084	Gauge - Pressure, 0-10 PSIG (0-69 kPa)
STD-3939	Air Source - Regulated, Dry Filtered, 0 to 10 psig (0 to 69 kPa)
STD-3944	Vacuum Source 0 to -3.00 psig

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-02-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-020-02-01
				MECH INSP
TASK 28-13-41-200-801				
1. Pressure Relief Valve Pressure Check (Figure 1, Figure 2)				
A. General <ul style="list-style-type: none">(1) If a pressure gage is used, it must have an accuracy of +/- .018 psig (+/- 0.5 inches of water) (+/- 0.12 kPa). One pressure gage that satisfies these requirements is the DigiMano 2000, available from Netech Corporation, 60 Bethpage Drive, Hicksville, NY 11801, USA. A pressure gage of less accuracy can be used if the results can be shown to satisfy the requirements in this procedure within a margin that accounts for the additional margin of error.(2) You can use either the pressure relief valve equipment, SPL-8420, or the fixture, SPL-3899, to accomplish this pressure check.				
B. Prepare for the Pressure Check SUBTASK 28-13-41-210-002 <ul style="list-style-type: none">(1) Make sure the pressure relief valve is closed. SUBTASK 28-13-41-440-002 <ul style="list-style-type: none">(2) If the pressure relief valve is open, pull down the T-handle to close the pressure relief valve (AMM TASK 28-13-41-400-802). SUBTASK 28-13-41-480-001 <ul style="list-style-type: none">(3) To install the pressure relief valve equipment, SPL-8420, on the relief valve, do these steps (Figure 1):<ul style="list-style-type: none">(a) Remove the four bolts from the applicable access doors:<ul style="list-style-type: none">1) 533BB - Surge Tank Access Door - Wing Station 679.2) 633BB - Surge Tank Access Door - Wing Station 679.(b) Put the pressure relief valve equipment, SPL-8420, against the pressure relief valve.<ul style="list-style-type: none">1) Make sure the O-ring seal is installed in the flange groove of the test fixture.2) Make sure the O-ring has a good seal in all positions.(c) Attach the pressure relief valve equipment, SPL-8420, to the relief valve. NOTE: There are two sets of holes in the fixture for the mounting bolts. One set of holes is to be used on the left surge tank access door. The other set of holes is to be used on the right surge tank access door.<ul style="list-style-type: none">1) Put four bolts of the test fixture in the positions of the four mounting bolts for the access door that you removed.(d) Connect the regulated 0 to 10 psig (0 to 69 kPa) dry filtered regulated air source, STD-3939, to the pressure relief valve equipment, SPL-8420.				
SUBTASK 28-13-41-420-005 <ul style="list-style-type: none">(4) To install the fixture, SPL-3899, do these steps (Figure 2):<ul style="list-style-type: none">(a) Remove four of the eight mounting screws which attach the relief valve to the access panel.				

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES	
		D633A109-AKS 28-020-02-01	Page 2 of 10 Feb 15/2015

AKS



737-600/700/800/900 TASK CARDS

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-020-02-01
				MECH INSP
SUBTASK 28-13-41-780-001				
(1) Slowly and continuously supply a positive pressure of more than 1 psig (6.89 kPa) (27.7 inches of water) from the 0 to 10 psig (0 to 69 kPa) dry filtered regulated air source, STD-3939.				
(a) Make sure the pressure relief valve [1] opens at a pressure between 1 psig (6.89 kPa) (27.7 in. (70.4 cm) of water) and 1.25 psig (8.62 kPa) (34.6 in. (87.9 cm) of water).				
SUBTASK 28-13-41-080-001				
(2) Put the pressure back to 0 psig (0 kPa).				
SUBTASK 28-13-41-080-002				
(3) Remove the 0 to 10 psig (0 to 69 kPa) dry filtered regulated air source, STD-3939.				
SUBTASK 28-13-41-080-003				
(4) Remove the pressure relief valve equipment, SPL-8420, or fixture, SPL-3899.				
SUBTASK 28-13-41-440-003				
(5) Pull the T-handle to close the relief valve manually, do this task: Pressure Relief Valve - Manual Operation, AMM TASK 28-13-41-400-802.				
SUBTASK 28-13-41-480-003				
(6) Install the applicable test fixture on the pressure relief valve again.				
SUBTASK 28-13-41-480-006				
(7) If you use the water manometer, SPL-1774, then do these steps to prepare the water manometer, SPL-1774, to make the measurements:				
(a) Put a mark 34.5 in. (87.6 cm) above the original mark (at the original water level).				
NOTE: That is, a total of 73.5 in. (186.7 cm) above the horizontal tube at the base of the water manometer, SPL-1774. This represents a pressure differential of -69 in. (-175 cm) of water.				
(b) Make a second mark 38 in. (97 cm) above the original water level.				
NOTE: That is, a total of 77 in. (196 cm) above the horizontal tube at the base of the water manometer, SPL-1774. This represents a pressure differential of -76 in. (-193 cm) of water.				
(c) Use these values for the test for negative pressure requirements.				
SUBTASK 28-13-41-480-005				
(8) If you use the fixture, SPL-3899, then do these steps:				
(a) Open the globe shutoff valve on the integral tank leakage tracer, SPL-1761.				
(b) Disconnect the hose from the positive pressure output.				
(c) Connect the hose to the vacuum output fitting.				
SUBTASK 28-13-41-780-002				
(9) Install a 0 to -3.00 psig vacuum source, STD-3944, on the test fixture.				
SUBTASK 28-13-41-720-001				
(10) Decrease the pressure (increase the suction) on the test fixture until the relief valve opens.				

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES	
		D633A109-AKS 28-020-02-01	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. 28-020-02-01			
				<table border="1"><tr><td>(a) Make sure the pressure relief [1] valve opens at a pressure between -2.5 psig (-17.24 kPa) (-69.25 in. (-175.90 cm) of water) and -2.75 psig (-18.96 kPa) (-76.18 in. (-193.50 cm) of water).</td><td>MECH</td><td>INSP</td></tr></table>	(a) Make sure the pressure relief [1] valve opens at a pressure between -2.5 psig (-17.24 kPa) (-69.25 in. (-175.90 cm) of water) and -2.75 psig (-18.96 kPa) (-76.18 in. (-193.50 cm) of water).	MECH	INSP
(a) Make sure the pressure relief [1] valve opens at a pressure between -2.5 psig (-17.24 kPa) (-69.25 in. (-175.90 cm) of water) and -2.75 psig (-18.96 kPa) (-76.18 in. (-193.50 cm) of water).	MECH	INSP					

D. Put the Airplane Back to Its Usual Condition

SUBTASK 28-13-41-860-005

- (1) Set the pressure on the 0 to -3.00 psig vacuum source, STD-3944, to 0 psig (0 kPa).

SUBTASK 28-13-41-080-004

- (2) Remove the 0 to -3.00 psig vacuum source, STD-3944, from the test fixture.

SUBTASK 28-13-41-080-005

- (3) Do these steps to remove the pressure relief valve equipment, SPL-8420, if it was installed:

- (a) Remove the four bolts of the test fixture from the access door.

- 1) Store the four bolts in the threaded holes on the pressure relief valve equipment, SPL-8420.

- (b) Install the four bolts for the applicable access doors:

- 1) 533BB - Surge Tank Access Door - Wing Station 679.

- 2) 633BB - Surge Tank Access Door - Wing Station 679.

NOTE: These are the bolts that you removed at the start of this procedure.

SUBTASK 28-13-41-080-006

- (4) Do these steps to remove the fixture, SPL-3899, if it was installed:

- (a) Disconnect the pressure gauge (0-10 PSIG) (0-69 KPa), STD-1084, or water manometer, SPL-1774, and integral tank leakage tracer, SPL-1761, from the area.

- (b) Remove the fixture, SPL-3899, from the relief valve.

- (c) Put back the four usual mounting screws which attach the relief valve to the access panel.

NOTE: These are the screws that you removed at the start of this procedure if you used the fixture, SPL-3899.

SUBTASK 28-13-41-440-004

- (5) Pull down the T-handle to close the pressure relief valve (AMM TASK 28-13-41-400-802).

———— END OF TASK ———

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-02-01

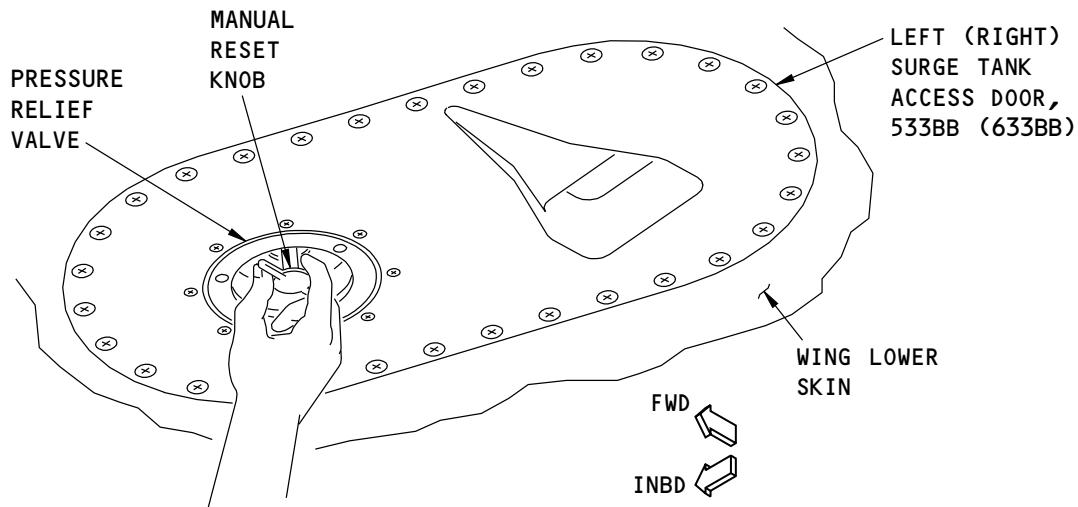
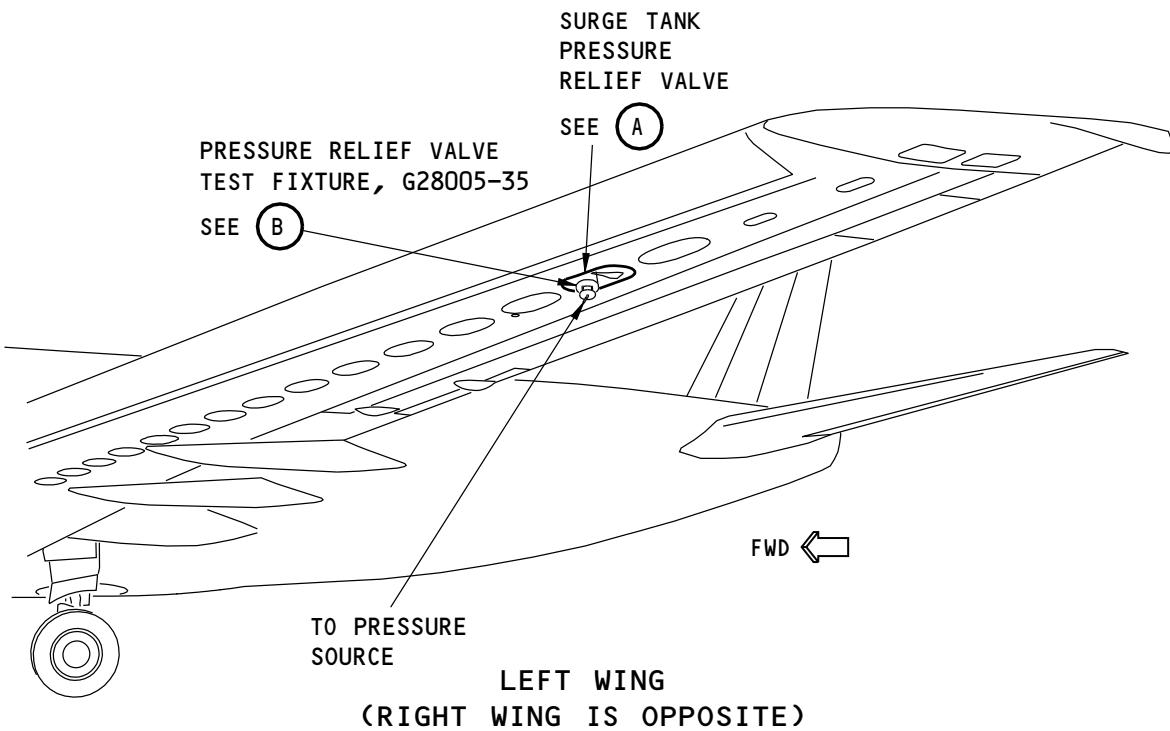
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-020-02-01

**SURGE TANK PRESSURE RELIEF VALVE
(MANUAL RESET)**

Surge Tank Pressure Relief Valve Inspection with Test Fixture, G28005-35
Figure 1 (Sheet 1 of 3)

F71221 S0006571373_V2

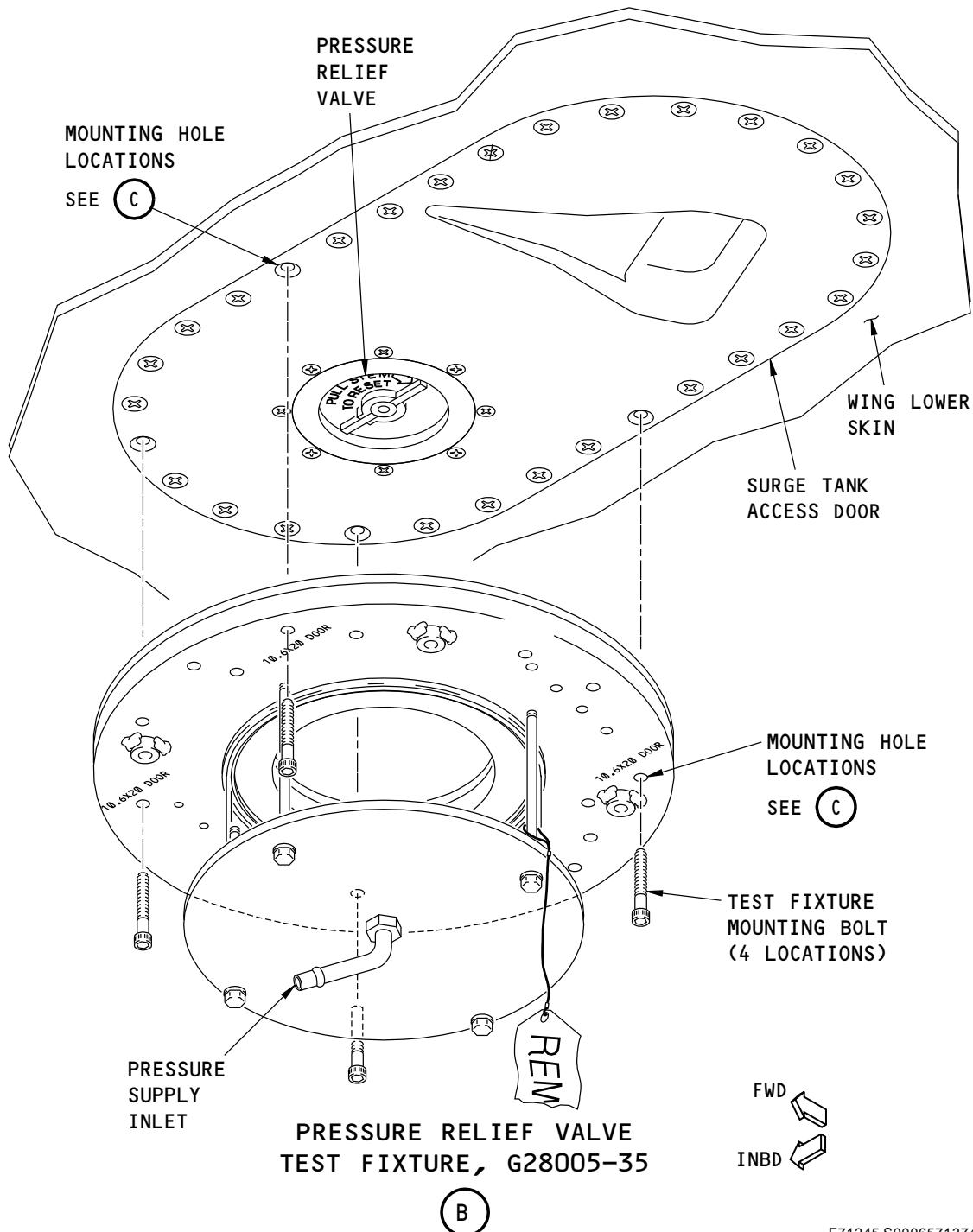
EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-02-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
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Surge Tank Pressure Relief Valve Inspection with Test Fixture, G28005-35
Figure 1 (Sheet 2 of 3)

F71245 S0006571374_V2

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-02-01

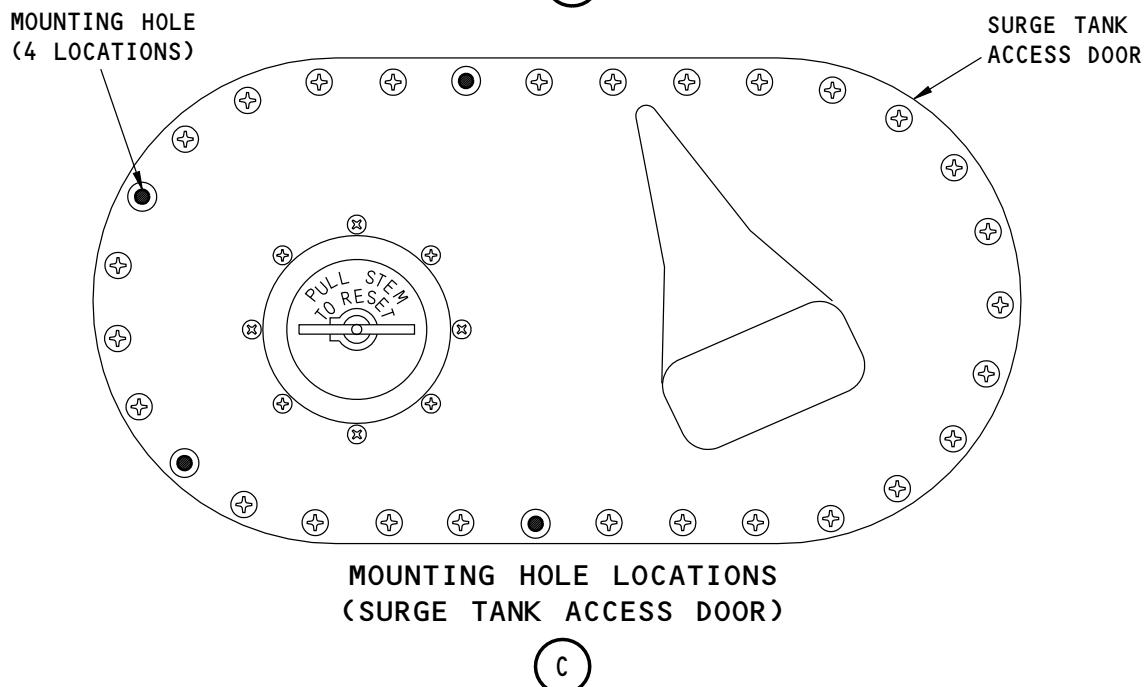
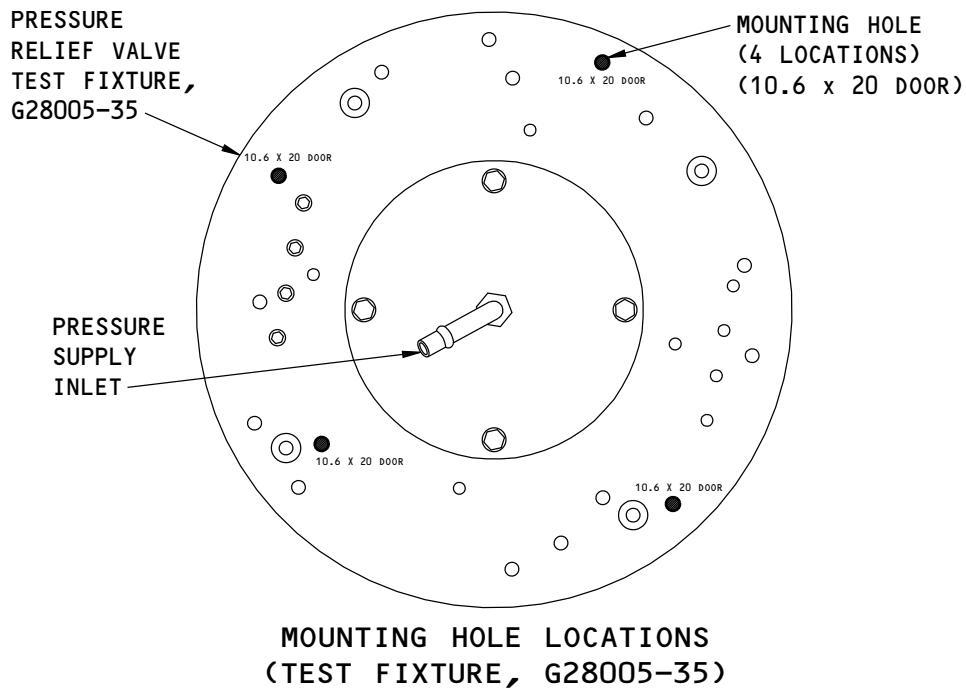
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-020-02-01

M05639 S0006571375_V2

Surge Tank Pressure Relief Valve Inspection with Test Fixture, G28005-35
Figure 1 (Sheet 3 of 3)EFFECTIVITY
AKS ALLSOURCE
MRB**OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES****D633A109-AKS
28-020-02-01****Page 8 of 10
Oct 15/2014**

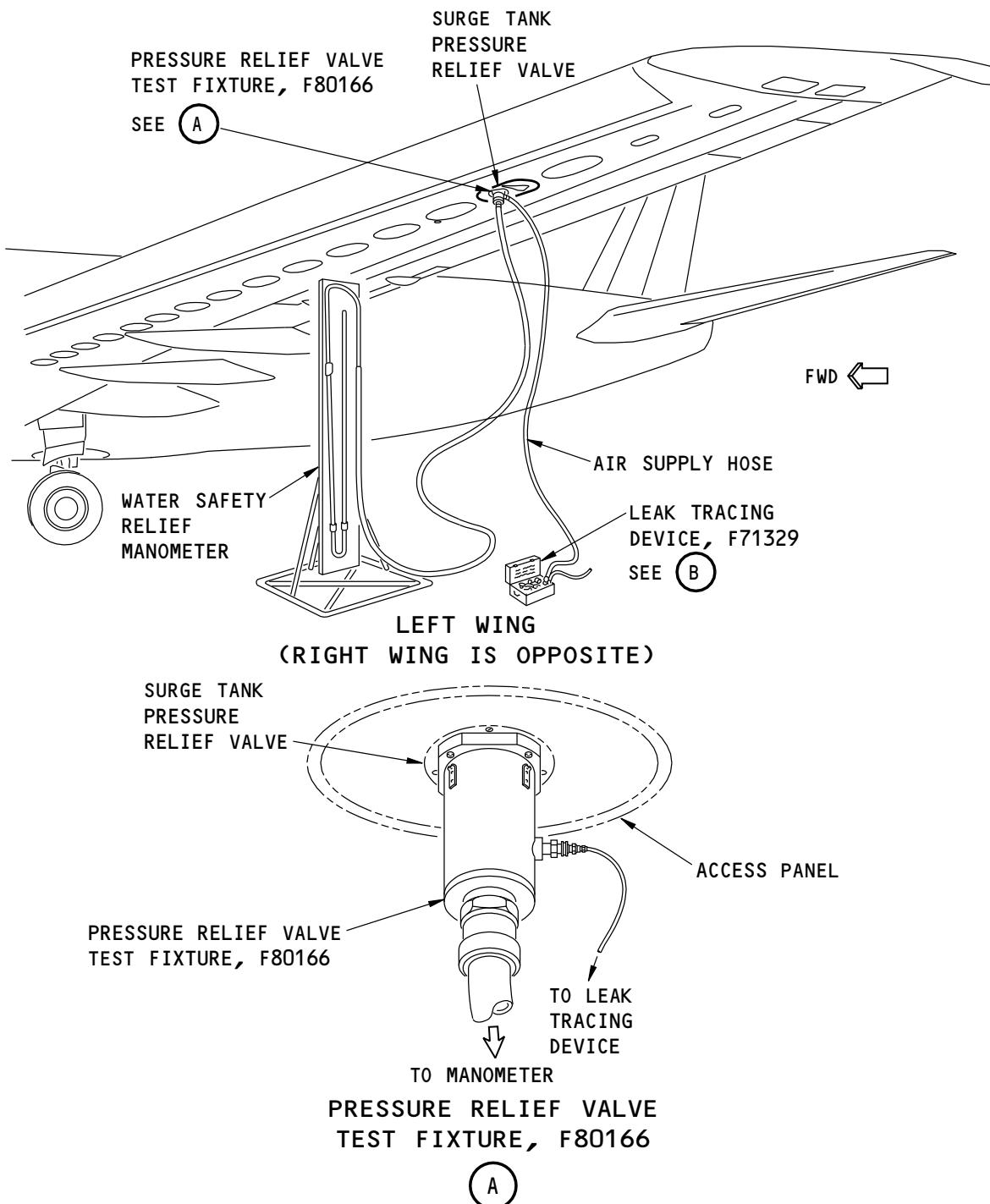
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

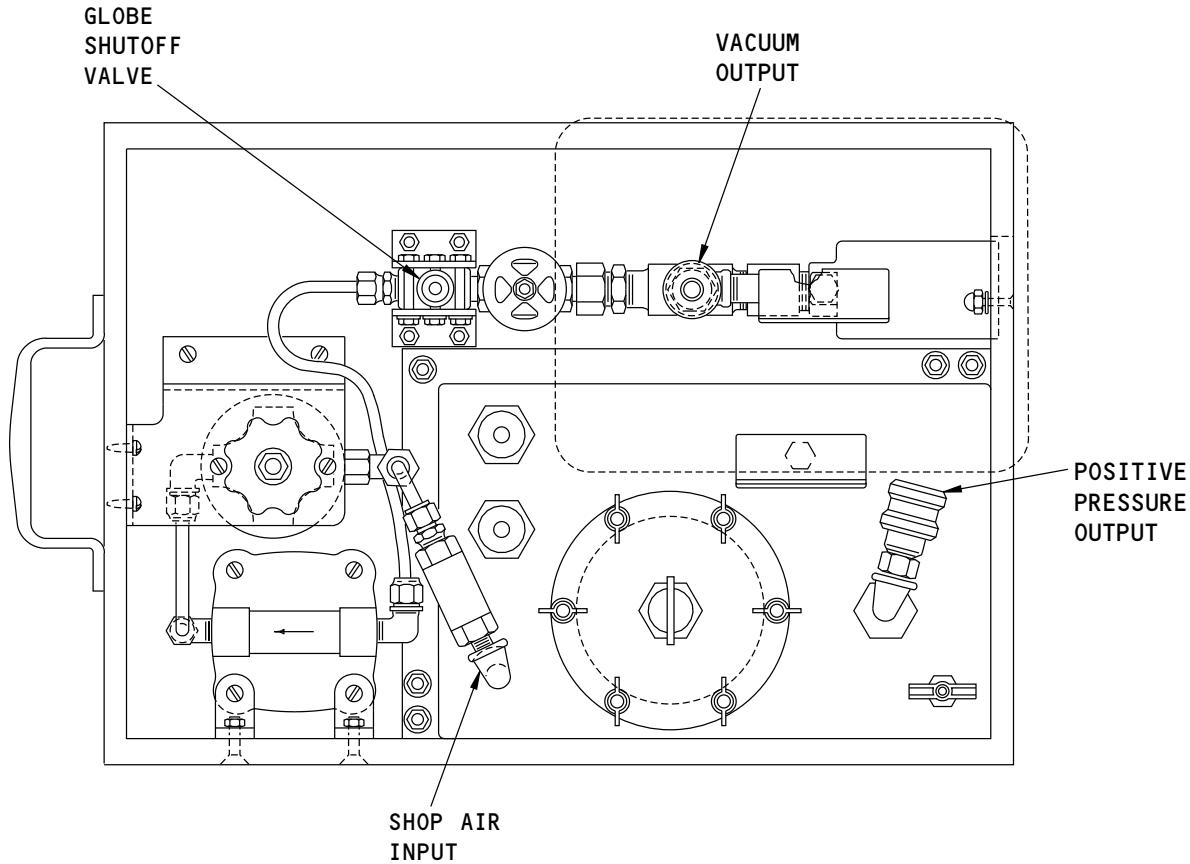
BOEING CARD NO.
28-020-02-01

M62485 S0006571376_V2

**Surge Tank Pressure Relief Valve Inspection with Test Fixture, F80166
Figure 2 (Sheet 1 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES****D633A109-AKS
28-020-02-01****Page 9 of 10
Oct 15/2014**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-020-02-01
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**LEAK TRACING DEVICE, F71329****B**

1979368 S0000382264_V1

**Surge Tank Pressure Relief Valve Inspection with Test Fixture, F80166
Figure 2 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK RIGHT SURGE TANK PRESSURE RELIEF VALVES
		D633A109-AKS 28-020-02-01

**Page 10 of 10
Oct 15/2014**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE INSPECT (DETAILED) THE LEFT SURGE TANK VENT FLAME ARRESTOR			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				28-030-01-01
TAIL NUMBER	WORK AREA LEFT WING	VERSION 1.1	THRESHOLD 3 YR	REPEAT 3 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 533

Inspect (detailed) the left surge tank vent flame arrestor for clogging, condition, and security.

A. References

Reference	Title
AMM 28-11-11-000-802	Surge Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-802	Surge Tank Access Door - Installation (P/B 401)
AMM 28-13-31-000-801	Flame Arrestor Removal (P/B 401)
AMM 28-13-31-400-801	Flame Arrestor Installation (P/B 401)

B. Consumable Materials

Reference	Description	Specification
B00083	Solvent - VM&P Naphthas	ASTM D-3735 Type III
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-200	Container - Fuel Resistant, 10 gallon (38 l)

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE LEFT SURGE TANK VENT FLAME ARRESTOR
		D633A109-AKS 28-030-01-01

Page 1 of 5
Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-030-01-01								
				MECH INSP								
TASK 28-13-31-100-801												
1. Air Vent Scoop Flame Arrestor Cleaning (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>2</td> <td>Flame arrestor</td> <td>28-13-51-01-025</td> <td>AKS ALL</td> </tr> </tbody> </table>					AMM Item	Description	AIPC Reference	AIPC Effectivity	2	Flame arrestor	28-13-51-01-025	AKS ALL
AMM Item	Description	AIPC Reference	AIPC Effectivity									
2	Flame arrestor	28-13-51-01-025	AKS ALL									
B. Prepare for the Procedure <p>SUBTASK 28-13-31-860-004</p> <p>(1) Make sure the airplane is correctly grounded to an approved and identified ground.</p> <p>SUBTASK 28-13-31-210-006</p> <p>(2) Make sure there is no remaining fuel in the surge tank.</p> <p>(a) Put a 10 gallon (38 l) fuel resistant container, STD-200, below the sump drain valve.</p> <p>(b) Open the applicable sump drain valve.</p> <p>(c) Let the remaining fuel flow into a 10 gallon (38 l) fuel resistant container, STD-200.</p> <p>SUBTASK 28-13-31-010-003</p> <p>(3) Remove or open the applicable access panels:</p> <table border="1"> <thead> <tr> <th>Number</th> <th>Name/Location</th> </tr> </thead> <tbody> <tr> <td>533BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> <tr> <td>633BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> </tbody> </table> <p>To remove the access panel(s), do this task: Surge Tank Access Door Removal, AMM TASK 28-11-11-000-802.</p>					Number	Name/Location	533BB	Surge Tank Access Door - Wing Station 679	633BB	Surge Tank Access Door - Wing Station 679		
Number	Name/Location											
533BB	Surge Tank Access Door - Wing Station 679											
633BB	Surge Tank Access Door - Wing Station 679											
C. Procedure <p>SUBTASK 28-13-31-211-001</p> <p>(1) Hold the surge tank access door up to a light and examine the flame arrestor [2] for unwanted particles and blocked holes.</p> <p>SUBTASK 28-13-31-010-001</p> <p>(2) If there are unwanted particle or blocked holes, you must clean the flame arrestor [2].</p> <p>(a) Do this task: Flame Arrestor Removal, AMM TASK 28-13-31-000-801.</p> <p><u>NOTE:</u> It is possible to clean the flame arrestor without removing it from the vent stack. But it can be easier if it is removed from the vent stack.</p> <p>(b) Prepare a weak solution of water and detergent.</p> <p>(c) Clean the flame arrestor in the solution.</p> <p>(d) Dry the flame arrestor with an air gun.</p> <p>SUBTASK 28-13-31-160-002</p> <p>(3) Clean the surfaces near the access panel opening with a clean cotton wiper, G00034 moist with solvent, B00083.</p> <p>SUBTASK 28-13-31-160-003</p> <p>(4) Clean surfaces of access panel which will touch airplane skin with a clean cotton wiper, G00034 moist with solvent, B00083.</p>												
EFFECTIVITY AKS ALL		SOURCE MRB	INSPECT (DETAILED) THE LEFT SURGE TANK VENT FLAME ARRESTOR D633A109-AKS 28-030-01-01									
Page 2 of 5 Feb 15/2015												

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-030-01-01						
				MECH INSP						
SUBTASK 28-13-31-210-002										
(5) Examine the open tank for unwanted objects, for example tools, broken pieces of metal, and other unwanted material.										
SUBTASK 28-13-31-160-004										
(6) Clean the open tank, if it is necessary.										
SUBTASK 28-13-31-210-003										
(7) If you removed the flame arrestor [2] for this procedure, do this task: Flame Arrestor Installation, AMM TASK 28-13-31-400-801.										
D. Put the Airplane Back to Its Usual Condition										
SUBTASK 28-13-31-410-002										
(1) Install or close the applicable access panels:										
<table> <thead> <tr> <th><u>Number</u></th> <th><u>Name/Location</u></th> </tr> </thead> <tbody> <tr> <td>533BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> <tr> <td>633BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> </tbody> </table>				<u>Number</u>	<u>Name/Location</u>	533BB	Surge Tank Access Door - Wing Station 679	633BB	Surge Tank Access Door - Wing Station 679	
<u>Number</u>	<u>Name/Location</u>									
533BB	Surge Tank Access Door - Wing Station 679									
633BB	Surge Tank Access Door - Wing Station 679									
To install the access panel(s), do this task: Surge Tank Access Door - Installation, AMM TASK 28-11-11-400-802.										
———— END OF TASK ————										
EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE LEFT SURGE TANK VENT FLAME ARRESTOR								
		D633A109-AKS 28-030-01-01								

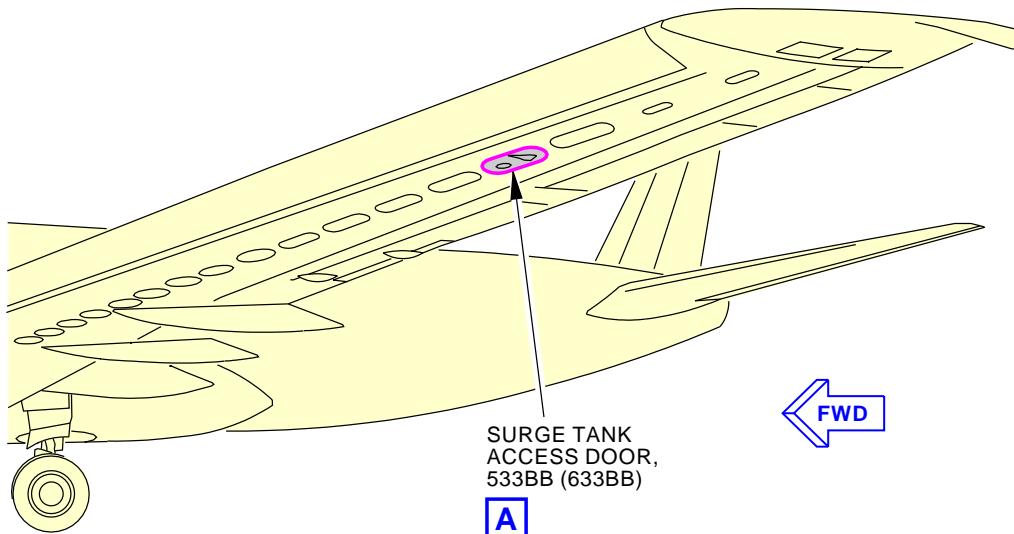
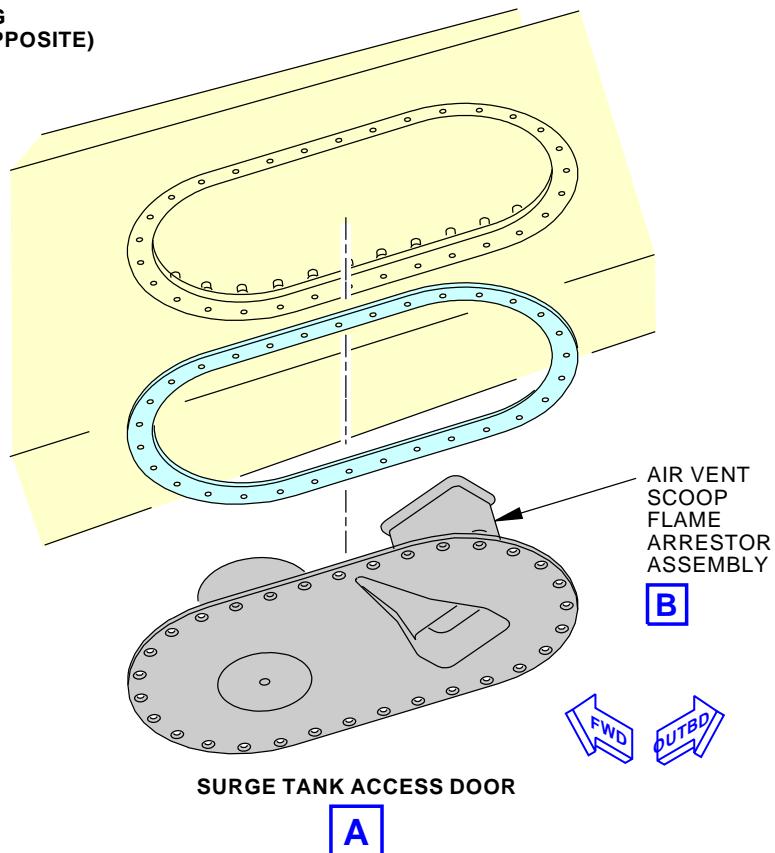
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-030-01-01**LEFT WING
(RIGHT WING IS OPPOSITE)****Air Vent Scoop Flame Arrestor
Figure 1 (Sheet 1 of 2)**

F74556 S0006571363_V2

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE LEFT SURGE TANK VENT FLAME ARRESTOR
		D633A109-AKS 28-030-01-01

Page 4 of 5
Jun 15/2015

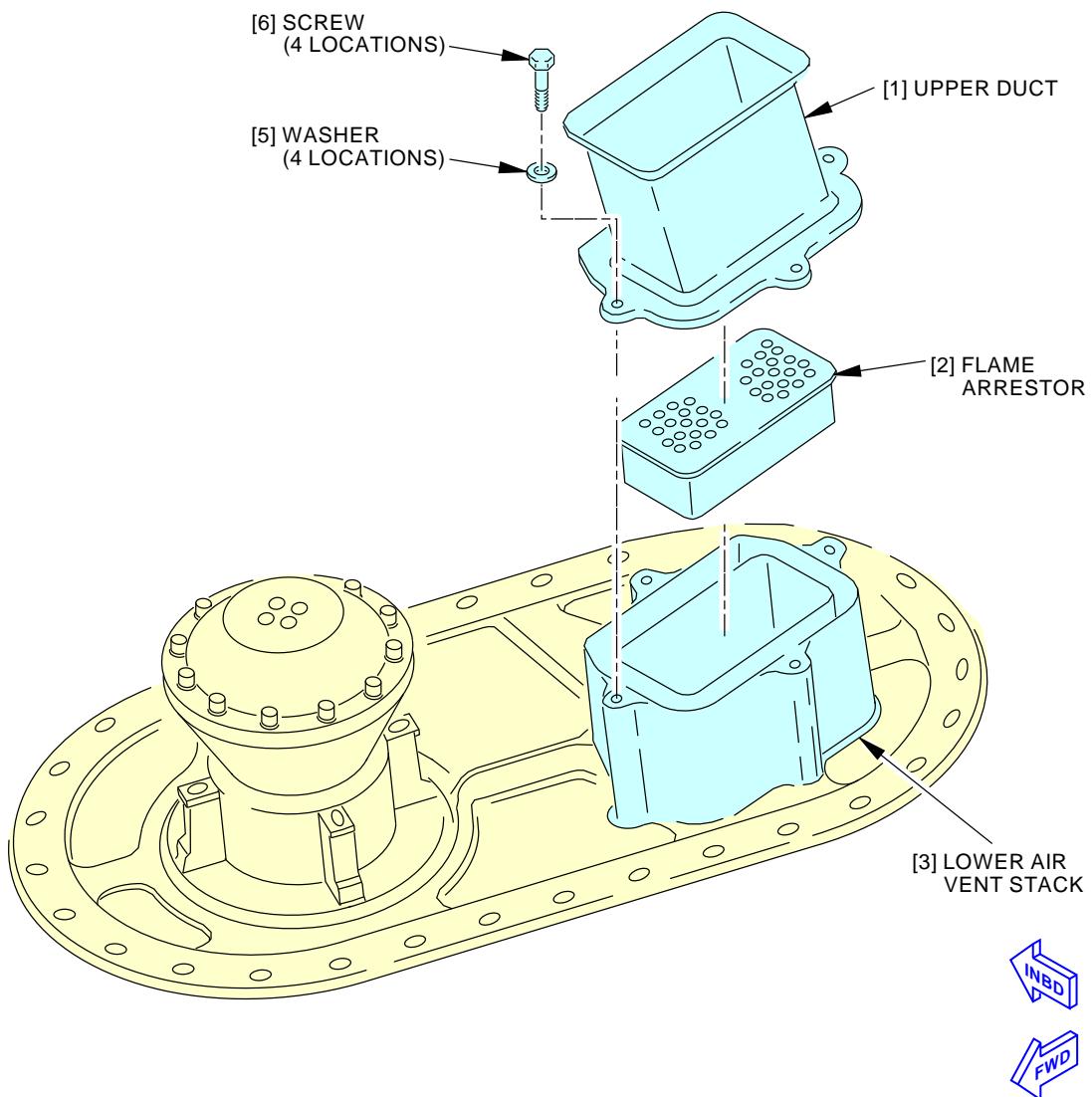
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-030-01-01**AIR VENT SCOOP FLAME ARRESTOR ASSEMBLY****B**

1863180 S0000334427_V2

**Air Vent Scoop Flame Arrestor
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE LEFT SURGE TANK VENT FLAME ARRESTOR
		D633A109-AKS 28-030-01-01

**Page 5 of 5
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE INSPECT (DETAILED) THE RIGHT SURGE TANK VENT FLAME ARRESTOR			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				28-030-02-01
TAIL NUMBER	WORK AREA RIGHT WING	VERSION 1.1	THRESHOLD 3 YR	REPEAT 3 YR	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 633

Inspect (detailed) the right surge tank vent flame arrestor for clogging, condition, and security.

A. References

Reference	Title
AMM 28-11-11-000-802	Surge Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-802	Surge Tank Access Door - Installation (P/B 401)
AMM 28-13-31-000-801	Flame Arrestor Removal (P/B 401)
AMM 28-13-31-400-801	Flame Arrestor Installation (P/B 401)

B. Consumable Materials

Reference	Description	Specification
B00083	Solvent - VM&P Naphthas	ASTM D-3735 Type III
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-200	Container - Fuel Resistant, 10 gallon (38 l)

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE RIGHT SURGE TANK VENT FLAME ARRESTOR
		D633A109-AKS 28-030-02-01

Page 1 of 5
Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-030-02-01								
				MECH INSP								
TASK 28-13-31-100-801												
1. Air Vent Scoop Flame Arrestor Cleaning (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>2</td> <td>Flame arrestor</td> <td>28-13-51-01-025</td> <td>AKS ALL</td> </tr> </tbody> </table>					AMM Item	Description	AIPC Reference	AIPC Effectivity	2	Flame arrestor	28-13-51-01-025	AKS ALL
AMM Item	Description	AIPC Reference	AIPC Effectivity									
2	Flame arrestor	28-13-51-01-025	AKS ALL									
B. Prepare for the Procedure <p>SUBTASK 28-13-31-860-004</p> <p>(1) Make sure the airplane is correctly grounded to an approved and identified ground.</p> <p>SUBTASK 28-13-31-210-006</p> <p>(2) Make sure there is no remaining fuel in the surge tank.</p> <p>(a) Put a 10 gallon (38 l) fuel resistant container, STD-200, below the sump drain valve.</p> <p>(b) Open the applicable sump drain valve.</p> <p>(c) Let the remaining fuel flow into a 10 gallon (38 l) fuel resistant container, STD-200.</p> <p>SUBTASK 28-13-31-010-003</p> <p>(3) Remove or open the applicable access panels:</p> <table border="1"> <thead> <tr> <th>Number</th> <th>Name/Location</th> </tr> </thead> <tbody> <tr> <td>533BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> <tr> <td>633BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> </tbody> </table> <p>To remove the access panel(s), do this task: Surge Tank Access Door Removal, AMM TASK 28-11-11-000-802.</p>					Number	Name/Location	533BB	Surge Tank Access Door - Wing Station 679	633BB	Surge Tank Access Door - Wing Station 679		
Number	Name/Location											
533BB	Surge Tank Access Door - Wing Station 679											
633BB	Surge Tank Access Door - Wing Station 679											
C. Procedure <p>SUBTASK 28-13-31-211-001</p> <p>(1) Hold the surge tank access door up to a light and examine the flame arrestor [2] for unwanted particles and blocked holes.</p> <p>SUBTASK 28-13-31-010-001</p> <p>(2) If there are unwanted particle or blocked holes, you must clean the flame arrestor [2].</p> <p>(a) Do this task: Flame Arrestor Removal, AMM TASK 28-13-31-000-801.</p> <p><u>NOTE:</u> It is possible to clean the flame arrestor without removing it from the vent stack. But it can be easier if it is removed from the vent stack.</p> <p>(b) Prepare a weak solution of water and detergent.</p> <p>(c) Clean the flame arrestor in the solution.</p> <p>(d) Dry the flame arrestor with an air gun.</p> <p>SUBTASK 28-13-31-160-002</p> <p>(3) Clean the surfaces near the access panel opening with a clean cotton wiper, G00034 moist with solvent, B00083.</p> <p>SUBTASK 28-13-31-160-003</p> <p>(4) Clean surfaces of access panel which will touch airplane skin with a clean cotton wiper, G00034 moist with solvent, B00083.</p>												
EFFECTIVITY AKS ALL		SOURCE MRB	INSPECT (DETAILED) THE RIGHT SURGE TANK VENT FLAME ARRESTOR D633A109-AKS 28-030-02-01									
Page 2 of 5 Feb 15/2015												

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-030-02-01						
				MECH INSP						
SUBTASK 28-13-31-210-002										
(5) Examine the open tank for unwanted objects, for example tools, broken pieces of metal, and other unwanted material.										
SUBTASK 28-13-31-160-004										
(6) Clean the open tank, if it is necessary.										
SUBTASK 28-13-31-210-003										
(7) If you removed the flame arrestor [2] for this procedure, do this task: Flame Arrestor Installation, AMM TASK 28-13-31-400-801.										
D. Put the Airplane Back to Its Usual Condition										
SUBTASK 28-13-31-410-002										
(1) Install or close the applicable access panels:										
<table> <thead> <tr> <th><u>Number</u></th> <th><u>Name/Location</u></th> </tr> </thead> <tbody> <tr> <td>533BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> <tr> <td>633BB</td> <td>Surge Tank Access Door - Wing Station 679</td> </tr> </tbody> </table>				<u>Number</u>	<u>Name/Location</u>	533BB	Surge Tank Access Door - Wing Station 679	633BB	Surge Tank Access Door - Wing Station 679	
<u>Number</u>	<u>Name/Location</u>									
533BB	Surge Tank Access Door - Wing Station 679									
633BB	Surge Tank Access Door - Wing Station 679									
To install the access panel(s), do this task: Surge Tank Access Door - Installation, AMM TASK 28-11-11-400-802.										
———— END OF TASK ————										
EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE RIGHT SURGE TANK VENT FLAME ARRESTOR								
		D633A109-AKS 28-030-02-01								

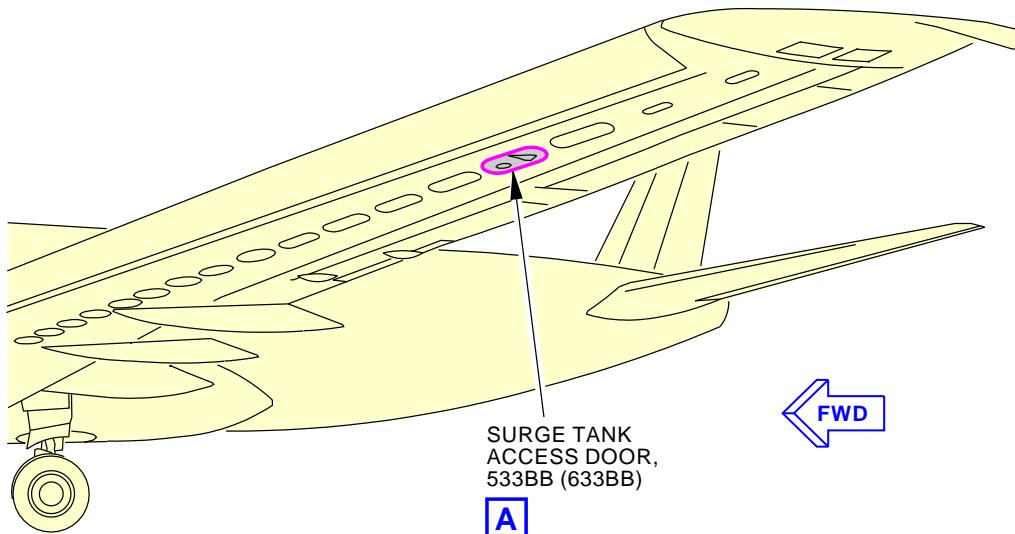
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

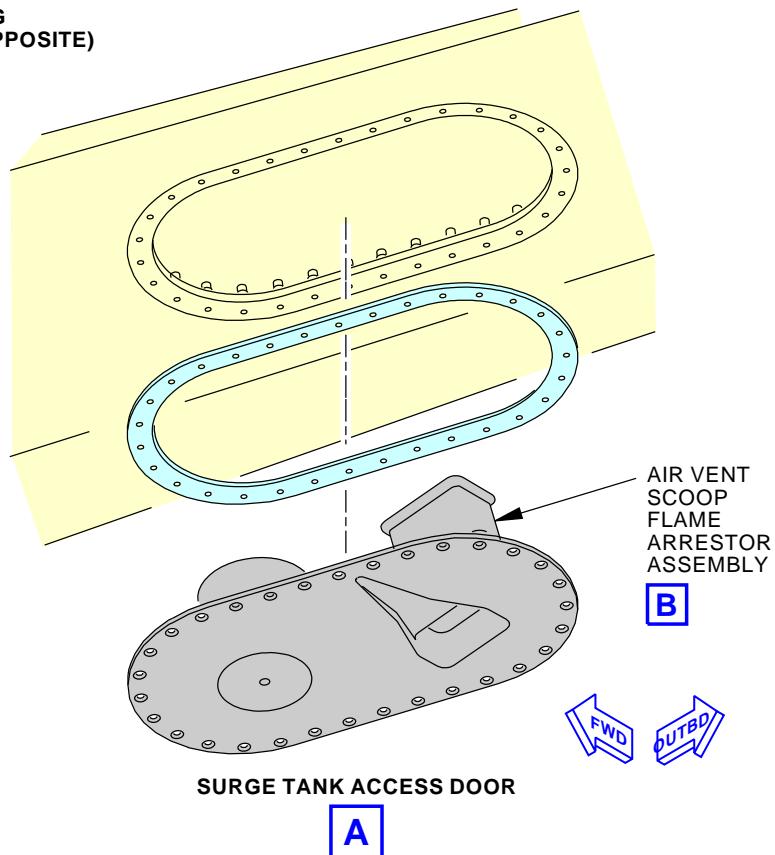
TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-030-02-01

**LEFT WING
(RIGHT WING IS OPPOSITE)**



**Air Vent Scoop Flame Arrestor
Figure 1 (Sheet 1 of 2)**

F74556 S0006571363_V2

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE RIGHT SURGE TANK VENT FLAME ARRESTOR
		D633A109-AKS 28-030-02-01

**Page 4 of 5
Jun 15/2015**

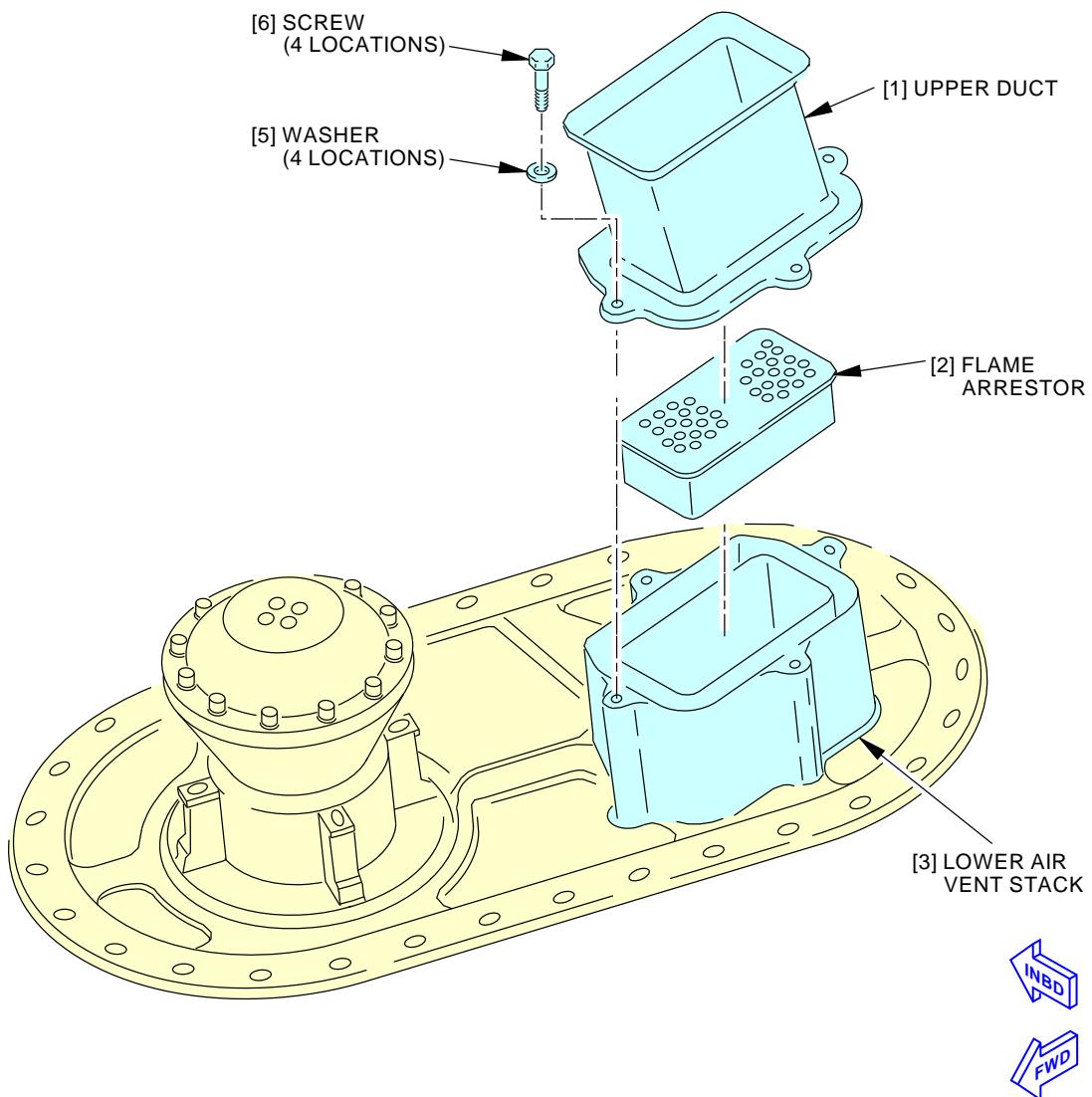
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-030-02-01**AIR VENT SCOOP FLAME ARRESTOR ASSEMBLY****B**

1863180 S0000334427_V2

**Air Vent Scoop Flame Arrestor
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE RIGHT SURGE TANK VENT FLAME ARRESTOR
		D633A109-AKS 28-030-02-01

**Page 5 of 5
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM			BOEING CARD NO.
DATE	TASK OPERATIONAL				28-040-00-01
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 24000 FH	REPEAT 24000 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 211 212

Operationally check the center tank fuel scavenge system (jet pump, induced port check valve, float valve, and line).

A. References

Reference	Title
AMM 12-11-00-650-802	Pressure Refuel Procedure (P/B 301)
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 28-26-00-650-801	Fuel Tank Defueling (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM	
		D633A109-AKS 28-040-00-01	Page 1 of 7 Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-040-00-01		
				MECH INSP		
TASK 28-22-00-720-802						
1. Fuel Scavenge System - Operational Test (Figure 1)						
A. General <ol style="list-style-type: none"> (1) The fuel scavenge system has a motive flow inlet in the center tank, a jet pump driven by the left forward boost pump, and a float valve in the No. 1 tank. (2) This procedure makes sure the float valve opens and closes correctly. It also makes sure that the fuel scavenge system moves fuel from the center tank to the No. 1 tank. 						
B. Prepare for the Test SUBTASK 28-22-00-860-031						
<ol style="list-style-type: none"> (1) Make sure the switches are in the positions shown (Table 1) (Figure 1): 						
Table 1 Fuel Scavenge System Test						
SWITCH/CONTROL		POSITION	LOCATION			
APU FIRE HANDLE		NORMAL	P8 AISLE STAND			
CROSSFEED VALVE		CLOSED	P5 OVERHEAD PANEL			
FUEL PUMP - TANK 1 - AFT		OFF	P5 OVERHEAD PANEL			
FUEL PUMP - TANK 1 - FWD		OFF	P5 OVERHEAD PANEL			
FUEL PUMP - CTR TANK LEFT		OFF	P5 OVERHEAD PANEL			
FUEL PUMP - TANK 2 - AFT		OFF	P5 OVERHEAD PANEL			
FUEL PUMP - TANK 2 - FWD		OFF	P5 OVERHEAD PANEL			
FUEL PUMP - CTR TANK RIGHT		OFF	P5 OVERHEAD PANEL			
L ENG FIRE HANDLE		NORMAL	P8 AISLE STAND			
R ENG FIRE HANDLE		NORMAL	P8 AISLE STAND			
ENG 1 START LEVER		CUTOFF	P10 CONTROL STAND			
ENG 2 START LEVER		CUTOFF	P10 CONTROL STAND			
SUBTASK 28-22-00-860-032						
<ol style="list-style-type: none"> (2) Make sure that these circuit breakers are closed: 						
Power Distribution Panel Number 1, P91						
Row	Col	Number	Name			
D	1	C00827	FUEL BOOST PUMP TANK 1 FWD			
D	3	C00828	FUEL BOOST PUMP TANK 2 AFT			
D	5	C00845	FUEL BOOST PUMP CTR TANK LEFT			
Power Distribution Panel Number 2, P92						
Row	Col	Number	Name			
D	1	C00826	FUEL BOOST PUMP TANK 1 AFT			
D	3	C00829	FUEL BOOST PUMP TANK 2 FWD			
EFFECTIVITY AKS ALL		SOURCE MRB	OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM			
			D633A109-AKS 28-040-00-01			
				Page 2 of 7 Feb 15/2016		

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-040-00-01
				MECH INSP
(Continued)				
Power Distribution Panel Number 2, P92				
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	
D	5	C00846	FUEL BOOST PUMP CTR TANK RIGHT	
SUBTASK 28-22-00-860-033				
(3) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811.				
SUBTASK 28-22-00-650-003				
(4) Make sure the fuel tanks have the fuel quantities as follows (Figure 1):				
(a) Make sure there is between 100 lb (45 kg) - 4100 lb (1860 kg) of fuel in the No. 1 fuel tank.				
NOTE: This makes sure that the fuel level is below the fuel scavenge float valve and above the forward boost pump inlet.				
(b) Make sure there is between 500 lb (227 kg) - 6800 lb (3084 kg) of fuel in the center fuel tank.				
NOTE: This step makes sure there is sufficient fuel in the center tank to scavenge. This step also makes sure that the scavenge fuel flow rate is not increased because of the head pressure of a large quantity of fuel in the center tank.				
(c) To refuel the fuel tanks (if it is necessary), do this task: Pressure Refuel Procedure, AMM TASK 12-11-00-650-802.				
(d) To defuel the fuel tanks (if it is necessary), do this task: Fuel Tank Defueling, AMM TASK 28-26-00-650-801.				
C. Test of the Fuel Scavenge System				
SUBTASK 28-22-00-860-082				
WARNING: DO NOT OPERATE A FUEL PUMP IF THE LOW PRESSURE LIGHT COMES ON AND STAYS ON. THIS CONDITION CAN CAUSE THE IGNITION OF THE FUEL FUMES IN THE FUEL TANK. A FIRE OR AN EXPLOSION CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.				
(1) To operate any of the fuel pumps, you must be in the flight compartment to continuously monitor the fuel quantity and the low pressure indication in the applicable tank.				
(a) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on.				
SUBTASK 28-22-00-860-034				
(2) Do these steps to operate the fuel scavenge system:				
(a) On the P5 Overhead Panel, make sure the LOW PRESSURE light for the FUEL PUMP TANK 1 - FWD switch is on.				
(b) Set the FUEL PUMP TANK 1 - FWD switch, on the P5 Overhead Panel, to the ON position (Figure 1).				
(c) Make sure the LOW PRESSURE light for the FUEL PUMP TANK 1 - FWD switch goes off within 90 seconds after you set the FUEL PUMP TANK 1 - FWD switch to the ON position.				

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM D633A109-AKS 28-040-00-01
		Page 3 of 7 Feb 15/2016

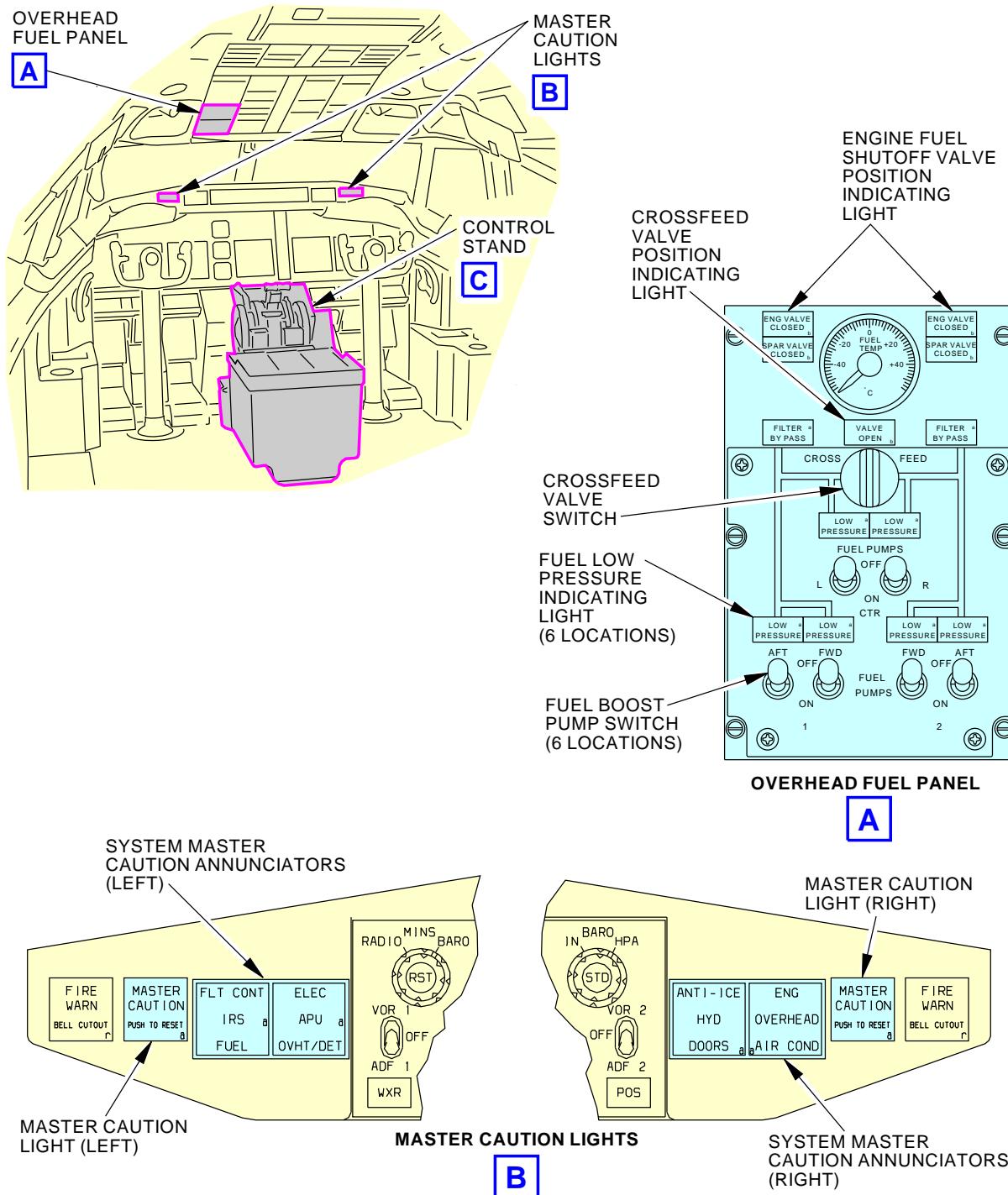
AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-040-00-01			
					MECH	INSP	
				(d) Operate the pump for a maximum of 30 minutes to get a minimum fuel transfer of 110 lb (50 kg).			
				(e) Make sure the No. 1 tank fuel quantity increases by a minimum of 110 lb (50 kg) within 30 minutes.			
				(f) Make sure the center tank fuel quantity decreases by a minimum of 110 lb (50 kg) within 30 minutes.			
				SUBTASK 28-22-00-860-035			
				(3) Set the FUEL PUMP TANK 1 - FWD switch, on the P5 Overhead Panel, to the OFF position.			
				SUBTASK 28-22-00-650-004			
				(4) Refuel the No. 1 fuel tank with 6000 lb (2722 kg) of fuel (AMM TASK 12-11-00-650-802). <u>NOTE:</u> This step closes the fuel scavenge float valve.			
				SUBTASK 28-22-00-860-036			
				(5) Set the FUEL PUMP TANK 1 - FWD switch, on the P5 Overhead Panel, to the ON position.			
				SUBTASK 28-22-00-860-037			
				(6) Let the pumps operate for 30 minutes. (a) Make sure the No. 1 tank fuel quantity does not increase. (b) Make sure the center tank fuel quantity does not decrease.			
				SUBTASK 28-22-00-860-038			
				(7) Set the FUEL PUMP TANK 1 - FWD switch, on the P5 Overhead Panel, to the OFF position.			
				D. Put the Airplane Back to Its Usual Condition			
				SUBTASK 28-22-00-650-005			
				(1) To refuel the fuel tanks (if no more work is necessary), do this task: Pressure Refuel Procedure, AMM TASK 12-11-00-650-802.			
				— END OF TASK —			

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM D633A109-AKS 28-040-00-01
		Page 4 of 7 Feb 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-040-00-01



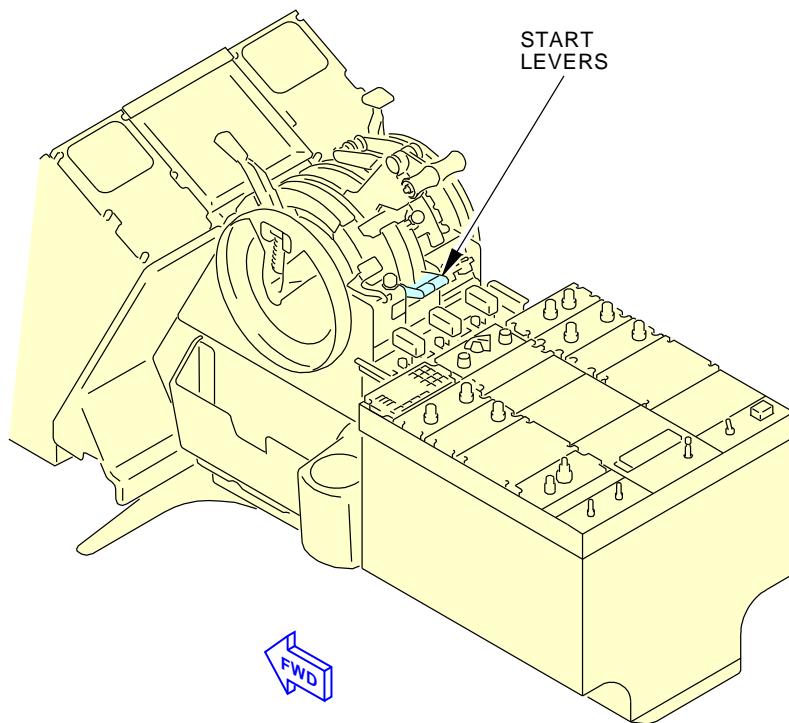
Engine Fuel Feed System
Figure 1 (Sheet 1 of 3)

G07787 S0006571919_V2

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM
		D633A109-AKS 28-040-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-040-00-01



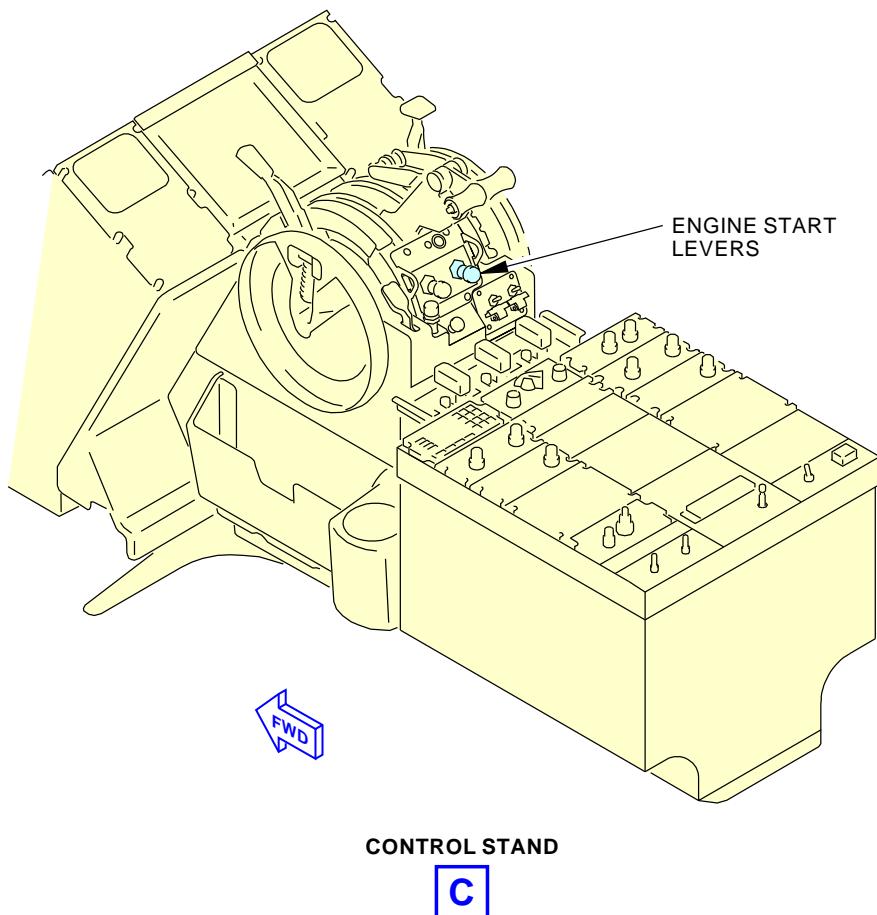
**Engine Fuel Feed System
Figure 1 (Sheet 2 of 3)**

G07811 S0006571920_V2

EFFECTIVITY AKS 001-017, 019	SOURCE MRB	OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM D633A109-AKS 28-040-00-01	Page 6 of 7 Oct 15/2015
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AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-040-00-01



2337192 S0000531975_V3
Engine Fuel Feed System
Figure 1 (Sheet 3 of 3)

EFFECTIVITY AKS 018, 020-999	SOURCE MRB	OPERATIONALLY CHECK CENTER TANK FUEL SCAVENGE SYSTEM D633A109-AKS 28-040-00-01	Page 7 of 7 Oct 15/2015
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AKS
737-600/700/800/900
TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FUEL SUCTION FEED			BOEING CARD NO.
DATE	TASK OPERATIONAL				28-050-00-01
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	RELATED CARD APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL	ACCESS			ZONE 211 212

Operationally check engine fuel suction feed system.

SPECIAL NOTE: AWL task (28-AWL-101) interval for this task is 7500 FH or 3 YRS, whichever occurs first. See MPD section 9.

A. References

Reference	Title
AMM 12-11-00-650-802	Pressure Refuel Procedure (P/B 301)
AMM 28-26-00-650-801	Fuel Tank Defueling (P/B 201)
AMM 28-26-00-650-802	Tank to Tank Fuel Transfer (P/B 201)
AMM 71-00-00-700-819-F00	Stop the Engine Procedure (Usual Engine Stop) (P/B 201)
AMM 71-00-00-800-805-F00	Engine Ground Safety Precautions (P/B 201)
AMM 71-00-00-800-807-F00	Start the Engine Procedure (Selection) (P/B 201)
FIM 28-22 TASK 819	Engine Fuel Suction Feed Operational Test Failed - Fault Isolation

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SUCTION FEED
		D633A109-AKS 28-050-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-050-00-01						
TASK 28-22-00-710-802				MECH INSP						
1. Engine Fuel Suction Feed - Operational Test										
A. General										
(1) This task has one or more steps which are a means to satisfy Airworthiness Limitation Instruction (ALI) requirements. An ALI note will follow the step to which it applies. Any step or sub-step that precedes or follows an ALI identified step is not subject to the ALI requirement.										
NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.										
B. Procedure										
SUBTASK 28-22-00-710-011										
(1) For the Engine No. 1, do these steps:										
► 28-AWL-101: ALI										
(a) Make sure that these quantities of fuel are in the fuel tanks:										
NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.										
Table 1										
<table border="1"><thead><tr><th>Tank</th><th>Fuel Quantity</th></tr></thead><tbody><tr><td>Center Tank</td><td>0 lb (0 kg) - 3000 lb (1360 kg)</td></tr><tr><td>Main Tank No. 1</td><td>1870 lb (850 kg) - 2080 lb (940 kg)</td></tr></tbody></table>					Tank	Fuel Quantity	Center Tank	0 lb (0 kg) - 3000 lb (1360 kg)	Main Tank No. 1	1870 lb (850 kg) - 2080 lb (940 kg)
Tank	Fuel Quantity									
Center Tank	0 lb (0 kg) - 3000 lb (1360 kg)									
Main Tank No. 1	1870 lb (850 kg) - 2080 lb (940 kg)									
NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.										
NOTE: Unwanted fuel can be transferred to Main Tank No. 2.										
1) To add fuel to one or more tanks, do this task: Pressure Refuel Procedure, AMM TASK 12-11-00-650-802 or Tank to Tank Fuel Transfer, AMM TASK 28-26-00-650-802.										
2) To remove fuel from one or more tanks, do this task: Fuel Tank Defueling, AMM TASK 28-26-00-650-801 or Tank to Tank Fuel Transfer, AMM TASK 28-26-00-650-802.										
► 28-AWL-101: ALI										
(b) Put the CROSSFEED valve switch, on the P5 Overhead Panel, to the closed position.										
NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.										
WARNING: DO NOT OPERATE A FUEL PUMP IF THE LOW PRESSURE LIGHT COMES ON AND STAYS ON. THIS CONDITION CAN CAUSE THE IGNITION OF THE FUEL FUMES IN THE FUEL TANK. A FIRE OR AN EXPLOSION CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.										
(c) To operate any of the fuel pumps, you must be in the flight compartment to continuously monitor the fuel quantity and the low pressure indication in the applicable tank.										

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SUCTION FEED
		D633A109-AKS 28-050-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-050-00-01			
				<table border="1"><tr><td>1) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on.</td><td>MECH</td><td>INSP</td></tr></table>	1) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on.	MECH	INSP
1) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on.	MECH	INSP					
				<p>(d) Put these switches on the P5 Overhead Fuel Panel to the ON position:</p> <ol style="list-style-type: none">1) FUEL PUMP TANK 1 - AFT2) FUEL PUMP TANK 1 - FWD			
				<p>WARNING: OBSERVE PROPER SAFETY PRECAUTIONS AROUND RUNNING ENGINE. WEAR EAR PROTECTORS AND STAY CLEAR OF ENGINE HAZARD AREAS. SEE "ENGINE GROUND SAFETY PRECAUTIONS" FOR ENGINE HAZARD DESCRIPTION.</p>			
				<p>(e) Do these steps to do the test:</p> <ol style="list-style-type: none">1) Obey all the safety precautions around the running engines (AMM TASK 71-00-00-800-805-F00).2) Start the Engine No. 1 (AMM TASK 71-00-00-800-807-F00).<ol style="list-style-type: none">a) If you use the APU to start the engine, make sure that the fuel tank quantities align with Table 1.3) Set the electrical power source to the engine generators.			
				<p> 28-AWL-101: ALI</p>			
				<p>4) Put the APU master switch on the P5 Forward Overhead Panel to the OFF position.</p>			
				<p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p>			
				<p> 28-AWL-101: ALI</p>			
				<p>5) Let the engine operate at idle power, with the boost pumps ON for a minimum of two minutes.</p>			
				<p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p>			
				<p><u>NOTE:</u> It is recommended to operate the engines for five minutes.</p>			
				<p>6) Make a record of the initial engine parameters (N1, N2, and fuel flow).</p>			
				<p>a) Initial Values: N1 _____ N2 _____ Fuel Flow _____</p>			
				<p><u>NOTE:</u> Record the initial values after you operate the engine at idle power for a minimum of two minutes.</p>			
				<p> 28-AWL-101: ALI</p>			
				<p>7) Put these switches on the P5 Overhead Panel to the OFF position:</p>			
				<p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p>			
				<p> 28-AWL-101: ALI</p>			
				<p>a) FUEL PUMP TANK 1 - AFT</p>			
				<p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p>			
				<p> 28-AWL-101: ALI</p>			
				<p>b) FUEL PUMP TANK 1 - FWD</p>			
				<p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p>			

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SUCTION FEED
		D633A109-AKS 28-050-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-050-00-01
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► 28-AWL-101: ALI

- 8) Make sure that the Engine No. 1 continues to operate for a minimum of 5 minutes.

NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.

- 9) Make a record of the final engine parameters (N1, N2, and fuel flow).

- a) Final Values: N1 _____ N2 _____ Fuel Flow _____

NOTE: Record the final values after you operate the engine for a minimum of five minutes.

► 28-AWL-101: ALI

- 10) Make sure that the final engine parameters did not decay compared to the initial engine parameters.

NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.

NOTE: This also means that the variation in the final engine parameters is almost the same as the variation in the initial engine parameters.

- (f) Put these switches on the P5 Overhead Fuel Panel to the ON position:

- 1) FUEL PUMP TANK 1 - AFT
2) FUEL PUMP TANK 1 - FWD

- (g) Shut down the Engine No. 1 (AMM TASK 71-00-00-700-819-F00).

- (h) If the engine parameters decayed and the test failed, do this task: FIM 28-22 TASK 819, and then do this task again.

SUBTASK 28-22-00-710-013

- (2) For the Engine No. 2, do these steps:

► 28-AWL-101: ALI

- (a) Make sure that these quantities of fuel are in the fuel tanks:

NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.

Table 2

Tank	Fuel Quantity
Center Tank	0 lb (0 kg) - 3000 lb (1360 kg)
Main Tank No. 2	1870 lb (850 kg) - 2080 lb (940 kg)

NOTE: This is applicable to Airworthiness Limitation 28-AWL-101.

NOTE: Unwanted fuel can be transferred to Main Tank No. 1.

- 1) To add fuel to one or more tanks, do this task: Pressure Refuel Procedure, AMM TASK 12-11-00-650-802 or Tank to Tank Fuel Transfer, AMM TASK 28-26-00-650-802.
- 2) To remove fuel from one or more tanks, do this task: Fuel Tank Defueling, AMM TASK 28-26-00-650-801 or Tank to Tank Fuel Transfer, AMM TASK 28-26-00-650-802.

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SUCTION FEED
		D633A109-AKS 28-050-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-050-00-01
				MECH INSP
<p>► 28-AWL-101: ALI</p> <p>(b) Put the CROSSFEED valve switch, on the P5 Overhead Panel, to the closed position.</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p>WARNING: DO NOT OPERATE A FUEL PUMP IF THE LOW PRESSURE LIGHT COMES ON AND STAYS ON. THIS CONDITION CAN CAUSE THE IGNITION OF THE FUEL FUMES IN THE FUEL TANK. A FIRE OR AN EXPLOSION CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.</p> <p>(c) To operate any of the fuel pumps, you must be in the flight compartment to continuously monitor the fuel quantity and the low pressure indication in the applicable tank.</p> <ol style="list-style-type: none">1) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on. <p>(d) Put these switches on the P5 Overhead Fuel Panel to the ON position:</p> <ol style="list-style-type: none">1) FUEL PUMP TANK 2 - AFT2) FUEL PUMP TANK 2 - FWD <p>WARNING: OBSERVE PROPER SAFETY PRECAUTIONS AROUND RUNNING ENGINE. WEAR EAR PROTECTORS AND STAY CLEAR OF ENGINE HAZARD AREAS. SEE "ENGINE GROUND SAFETY PRECAUTIONS" FOR ENGINE HAZARD DESCRIPTION.</p> <p>(e) Do these steps to do the test:</p> <ol style="list-style-type: none">1) Obey all the safety precautions around the running engines (AMM TASK 71-00-00-800-805-F00).2) Start the Engine No. 2 (AMM TASK 71-00-00-800-807-F00).<ol style="list-style-type: none">a) If you use the APU to start the engine, make sure that the fuel tank quantities align with Table 2.3) Set the electrical power source to the engine generators. <p>► 28-AWL-101: ALI</p> <p>(4) Put the APU master switch on the P5 Forward Overhead Panel to the OFF position.</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p>► 28-AWL-101: ALI</p> <p>(5) Let the engine operate at idle power, with the boost pumps ON for a minimum of two minutes.</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p><u>NOTE:</u> It is recommended to operate the engines for five minutes.</p> <p>(6) Make a record of the initial engine parameters (N1, N2, and fuel flow).</p>				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SUCTION FEED D633A109-AKS 28-050-00-01	Page 5 of 6 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. 28-050-00-01
				MECH INSP
			<p>a) Initial Values: N1 _____ N2 _____ Fuel Flow _____</p> <p><u>NOTE:</u> Record the initial values after you operate the engine at idle power for a minimum of two minutes.</p> <p> 28-AWL-101: ALI</p> <p>7) Put these switches on the P5 Overhead Panel to the OFF position:</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p> 28-AWL-101: ALI</p> <p>a) FUEL PUMP TANK 2 - AFT</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p> 28-AWL-101: ALI</p> <p>b) FUEL PUMP TANK 2 - FWD</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p> 28-AWL-101: ALI</p> <p>8) Make sure that the Engine No. 2 continues to operate for a minimum of 5 minutes.</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p>9) Make a record of the final engine parameters (N1, N2, and fuel flow).</p> <p>a) Final Values: N1 _____ N2 _____ Fuel Flow _____</p> <p><u>NOTE:</u> Record the final values after you operate the engine for a minimum of five minutes.</p> <p> 28-AWL-101: ALI</p> <p>10) Make sure that the final engine parameters did not decay compared to the initial engine parameters.</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-101.</p> <p><u>NOTE:</u> This also means that the variation in the final engine parameters is almost the same as the variation in the initial engine parameters.</p> <p>(f) Put these switches on the P5 Overhead Fuel Panel to the ON position:</p> <p>1) FUEL PUMP TANK 2 - AFT</p> <p>2) FUEL PUMP TANK 2 - FWD</p> <p>(g) Shut down the Engine No. 2 (AMM TASK 71-00-00-700-819-F00).</p> <p>(h) If the engine parameters decayed and the test failed, do this task: FIM 28-22 TASK 819, and then do this task again.</p>	

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SUCTION FEED
		D633A109-AKS 28-050-00-01

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

AIRLINE CARD NO		TITLE GFI RELAY CHECK			BOEING CARD NO. 28-054-00-01
DATE	TASK OPERATIONAL				RELATED CARD
TAIL NUMBER	WORK AREA E/E COMPARTMENT	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ENGINE ALL ALL NOTE
		ACCESS			ZONE 117 118 211 212

Operationally (BITE) check the fuel pump GFI relay

SPECIAL NOTE: AWL task (28-AWL-20) interval for this task is 1 YR. See MPD section 9.

AIRPLANE NOTE: Applicable to airplanes line number 1981 and 2093.

Applicable to airplanes line number 2210 and on.

Applicable to airplanes line number 1 to 1980, 1982 to 2092 and 2094 to 2209 which have incorporated SB 737 28A1201.

A. References

Reference	Title
AMM 12-11-00-650-802	Pressure Refuel Procedure (P/B 301)
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 28-00-00-910-801	Airworthiness Limitation Precautions (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	GFI RELAY CHECK
		D633A109-AKS 28-054-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-054-00-01
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TASK 28-22-41-720-802

MECH

INSP

1. Ground Fault Interrupter (GFI) - Operational Test

(Figure 1)

A. General

- (1) This task has one or more steps which are a means to satisfy Airworthiness Limitation Instruction (ALI) requirements. An ALI note will follow the step to which it applies. Any step or sub-step that precedes or follows an ALI identified step is not subject to the ALI requirement.

NOTE: This is applicable to Airworthiness Limitation 28-AWL-20.

B. Prepare for Test

SUBTASK 28-22-41-860-050

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

F/O Electrical System Panel, P6-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	11	C00313	INDICATOR MASTER DIM SECT 1
F	12	C00318	INDICATOR MASTER DIM SECT 6

Power Distribution Panel Number 1, P91

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	1	C00827	FUEL BOOST PUMP TANK 1 FWD
D	3	C00828	FUEL BOOST PUMP TANK 2 AFT
D	5	C00845	FUEL BOOST PUMP CTR TANK LEFT

Power Distribution Panel Number 2, P92

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	1	C00826	FUEL BOOST PUMP TANK 1 AFT
D	3	C00829	FUEL BOOST PUMP TANK 2 FWD
D	5	C00846	FUEL BOOST PUMP CTR TANK RIGHT

- (2) Make sure the boost pump switches are in the positions shown in Table 1.

Table 1

SWITCH/CONTROL	POSITION	LOCATION
FUEL PUMP TANK 1 - AFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP TANK 1 - FWD	OFF	P5 OVERHEAD PANEL
FUEL PUMP CTR TANK - LEFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP CTR TANK - RIGHT	OFF	P5 OVERHEAD PANEL
FUEL PUMP TANK 2 - AFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP TANK 2 - FWD	OFF	P5 OVERHEAD PANEL

SUBTASK 28-22-41-860-051

- (3) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811.

EFFECTIVITY AKS ALL	SOURCE MRB	GFI RELAY CHECK	
		D633A109-AKS 28-054-00-01	Page 2 of 8 Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-054-00-01
				MECH INSP
	SUBTASK 28-22-41-650-012			
	(4) Make sure the fuel tank for the applicable fuel boost pump has the fuel quantity as follows:			
	(a) No. 1 tank - 500 lb (227 kg) of fuel (or more)			
	(b) No. 2 tank - 500 lb (227 kg) of fuel (or more).			
	(c) Center fuel tank - 2000 lb (907 kg) of fuel (or more).			
	(d) To refuel the fuel tanks (if it is necessary), do this task: Pressure Refuel Procedure, AMM TASK 12-11-00-650-802.			
	C. Ground Fault Interrupter (GFI) Relay Operational Test			
	SUBTASK 28-22-41-860-052			
	WARNING: DO NOT OPERATE A FUEL PUMP IF THE LOW PRESSURE LIGHT COMES ON AND STAYS ON. THIS CONDITION CAN CAUSE THE IGNITION OF THE FUEL FUMES IN THE FUEL TANK. A FIRE OR AN EXPLOSION CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.			
	(1) To operate any of the fuel pumps, you must be in the flight compartment to continuously monitor the fuel quantity and the low pressure indication in the applicable tank.			
	(a) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on.			
	SUBTASK 28-22-41-860-053			
	(2) Put the applicable fuel boost pump switch on the fuel management control panel on the overhead panel, P5, to the ON position.			
	(a) For the No. 1 tank aft fuel boost pump, the switch is FUEL PUMP TANK 1 - AFT.			
	(b) For the No. 1 tank forward fuel boost pump, the switch is FUEL PUMP TANK 1 - FWD.			
	(c) For the left center tank fuel boost pump, the switch is FUEL PUMP CTR TANK - LEFT.			
	(d) For the No. 2 aft fuel boost pump, the switch is FUEL PUMP TANK 2 - AFT.			
	(e) For the No. 2 forward fuel boost pump, the switch is FUEL PUMP TANK 2 - FWD.			
	(f) For the right center tank fuel boost pump, the switch is FUEL PUMP CTR TANK - RIGHT switch.			
	SUBTASK 28-22-41-280-017			
	(3) Listen and make sure the applicable fuel boost pump operates.			
	SUBTASK 28-22-41-210-036			
	(4) Make sure the applicable LOW PRESSURE light on the fuel management panel of the P5 panel goes off.			
	(a) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on.			

EFFECTIVITY AKS ALL	SOURCE MRB	GFI RELAY CHECK D633A109-AKS 28-054-00-01	Page 3 of 8 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. 28-054-00-01
				MECH INSP
SUBTASK 28-22-41-860-054				
<p>WARNING: DO NOT TOUCH THE CONDUCTORS IN THE P91 AND P92 PANELS. BE CAREFUL WHEN YOU GET ACCESS TO THE CIRCUIT BREAKERS ON THE INNER SIDE OF THE P91 AND P92 PANELS (ROW F). IF IT IS POSSIBLE, REMOVE AIRPLANE ELECTRICAL POWER FIRST. THE P91 AND P92 PANELS HAVE HIGH VOLTAGES AND CURRENTS. ELECTRICAL VOLTAGE AND CURRENT CAN KILL YOU OR CAUSE INJURIES.</p>				
<p>(5) Push the applicable ground fault interrupter (GFI) relay TEST button in the power distribution panel, P91 or P92.</p> <p><u>NOTE:</u> The GFI relays are found inside the P91 and P92 panels. You will need to open the panels to get access to the GFI relays.</p> <p><u>NOTE:</u> It is recommended that you use your finger to push the TEST button to prevent damage.</p> <p>(a) For the No. 1 tank aft fuel boost pump, the relay is R18, found on the P92 panel.</p> <p>(b) For the No. 1 tank forward fuel boost pump, the relay is R19, found on the P91 panel.</p> <p>(c) For the left center tank fuel boost pump, the relay is R54, found on the P91 panel.</p> <p>(d) For the No. 2 aft fuel boost pump, the relay is R20, found on the P91 panel.</p> <p>(e) For the No. 2 forward fuel boost pump, the relay is R21, found on the P92 panel.</p> <p>(f) For the right center tank fuel boost pump, the relay is R55, found on the P92 panel.</p>				
SUBTASK 28-22-41-210-043				
<p>28-AWL-20: ALI</p> <p>(6) Make sure the RESET button on the applicable GFI relay has moved out, and shows a white band.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p> <p><u>NOTE:</u> The RESET button, found at the top edge of the GFI relay, moves out to expose a narrow white band when the GFI circuit turns off the relay due to a ground fault, or when you push the TEST button found on the top surface of the relay.</p> <p>28-AWL-20: ALI</p> <p>(a) For the No. 1 tank aft fuel boost pump, the relay is R18, found on the P92 panel.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p>				

EFFECTIVITY AKS ALL	SOURCE MRB	GFI RELAY CHECK D633A109-AKS 28-054-00-01	Page 4 of 8 Feb 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-054-00-01
				MECH INSP
<p>28-AWL-20: ALI</p> <p>(b) For the No. 1 tank forward fuel boost pump, the relay is R19, found on the P91 panel.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p>				
<p>28-AWL-20: ALI</p> <p>(c) For the left center tank fuel boost pump, the relay is R54, found on the P91 panel.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p>				
<p>28-AWL-20: ALI</p> <p>(d) For the No. 2 aft fuel boost pump, the relay is R20, found on the P91 panel.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p>				
<p>28-AWL-20: ALI</p> <p>(e) For the No. 2 forward fuel boost pump, the relay is R21, found on the P92 panel.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p>				
<p>28-AWL-20: ALI</p> <p>(f) For the right center tank fuel boost pump, the relay is R55, found on the P92 panel.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p>				
<p>SUBTASK 28-22-41-280-018</p> <p>28-AWL-20: ALI</p> <p>(7) Listen and make sure the applicable fuel boost pump does not operate.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-20.</p>				

EFFECTIVITY AKS ALL	SOURCE MRB	GFI RELAY CHECK
		D633A109-AKS 28-054-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-054-00-01
				MECH INSP
SUBTASK 28-22-41-210-037				
(8) For the No. 1 or No. 2 tank fuel boost pumps, make sure the applicable LOW PRESSURE light comes on.				
SUBTASK 28-22-41-210-038				
(9) For the center tank fuel boost pumps, make sure the applicable LOW PRESSURE light comes on.				
SUBTASK 28-22-41-860-055				
(10) Put the applicable fuel boost pump switch on the fuel management control panel on the overhead panel, P5, to the OFF position.				
SUBTASK 28-22-41-710-002				
(11) To make sure that the applicable fuel boost pump does not operate when the GFI circuit turns off the relay, do the subsequent steps:				
(a) Put the applicable fuel boost pump switch on the fuel management control panel on the overhead panel, P5, to the ON position.				
(b) Listen and make sure the applicable fuel boost pump does not operate.				
(c) For the No. 1 or No. 2 tank fuel boost pumps, make sure the applicable LOW PRESSURE light is on.				
(d) For the center tank fuel boost pumps, make sure the applicable LOW PRESSURE light comes on.				
(e) Put the applicable fuel boost pump switch on the fuel management control panel on the overhead panel, P5, to the OFF position.				
SUBTASK 28-22-41-860-056				
(12) Push the applicable RESET button on the applicable GFI relay in.				
NOTE: It is recommended that you use your finger to push the RESET button to prevent damage.				
(a) Make sure the RESET button does not move back out and the white band does not show.				
SUBTASK 28-22-41-860-057				
(13) Put the applicable fuel boost pump switch on the fuel management control panel on the overhead panel, P5, to the ON position.				
SUBTASK 28-22-41-280-019				
(14) Listen and make sure the applicable fuel boost pump operates.				
SUBTASK 28-22-41-210-040				
(15) Make sure the applicable LOW PRESSURE light on the fuel management panel of the P5 panel goes off.				
(a) Immediately set the applicable fuel pump switch(es) to OFF if the LOW PRESSURE light comes on and stays on.				
SUBTASK 28-22-41-860-058				
(16) Put the applicable fuel boost pump switch on the fuel management control panel on the overhead panel, P5, to the OFF position.				

EFFECTIVITY AKS ALL	SOURCE MRB	GFI RELAY CHECK D633A109-AKS 28-054-00-01	Page 6 of 8 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. 28-054-00-01
				MECH INSP
SUBTASK 28-22-41-280-020				
(17) Listen and make sure the applicable fuel boost pump does not operate.				
SUBTASK 28-22-41-210-041				
(18) For the No. 1 or No. 2 tank fuel boost pumps, make sure the applicable LOW PRESSURE light comes on.				
SUBTASK 28-22-41-210-042				
(19) For the center tank fuel boost pumps, make sure the applicable LOW PRESSURE light stays off.				
— END OF TASK —				
EFFECTIVITY AKS ALL		SOURCE MRB	GFI RELAY CHECK	
			D633A109-AKS 28-054-00-01	
				Page 7 of 8 Feb 15/2015

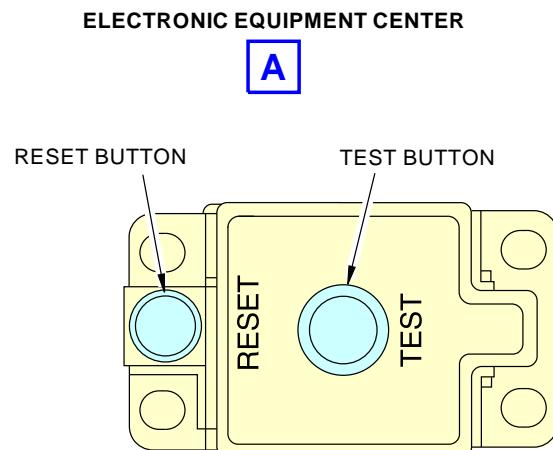
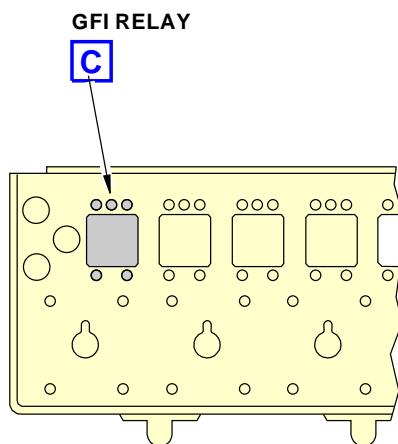
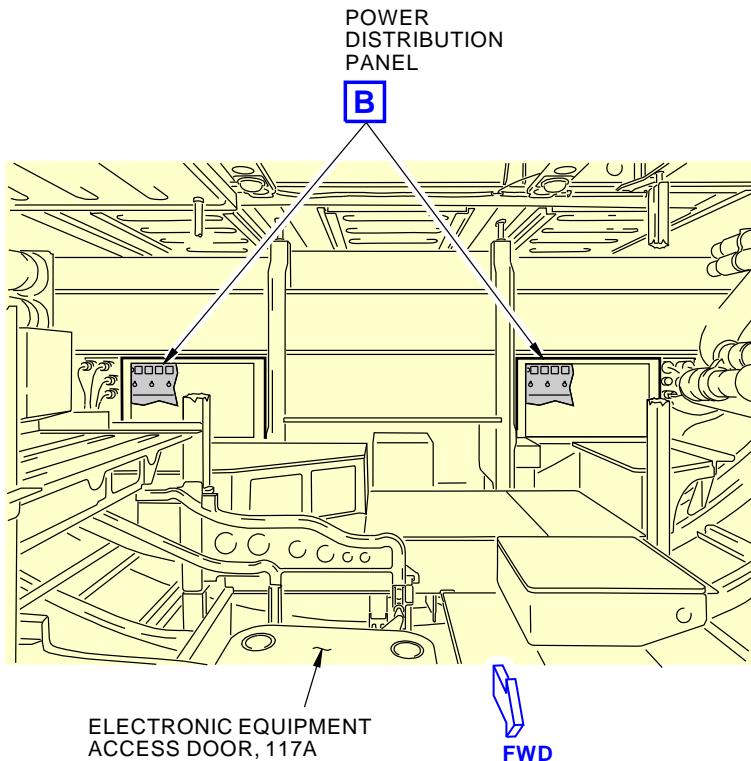
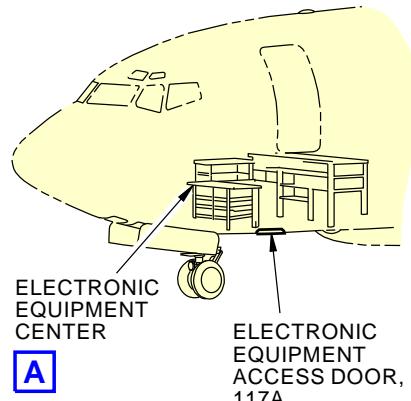
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-054-00-01

GFI RELAY
(TOP VIEW)
C

2383056 S0000546934_V1

**Ground Fault Interrupter (GFI) Relay Location
Figure 1**

EFFECTIVITY
AKS ALLSOURCE
MRB**GFI RELAY CHECK**D633A109-AKS
28-054-00-01Page 8 of 8
Feb 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM			BOEING CARD NO.
DATE	TASK FUNCTIONAL				28-056-00-01
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 12000 FH	REPEAT 12000 FH	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY AIRPLANE ALL ENGINE ALL NOTE
		ACCESS			ZONE 117 118 211 212

Functionally check Center Tank Fuel Boost Pump Power Failed On Protection System.

SPECIAL NOTE: AWL task (28-AWL-23) interval for this task is 1 YR. See MPD section 9.

AIRPLANE NOTE: Applicable to airplane line number 1973 and on.

Applicable to airplane line number 1 to 1972 incorporating SB 737 28A1248.

A. References

Reference	Title
AMM 28-00-00-910-801	Airworthiness Limitation Precautions (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-1322	Multimeter (Analog / Digital with sufficient internal Voltage to measure long cable or equivalent meter) Part #: 1587 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: 260-8XPI Supplier: 88277 Part #: MODEL 8 MK7 Supplier: 00426 Opt Part #: MODEL 8 MK7 Supplier: 88277
COM-13811	Multimeter (Analog / Digital with Low/ High Z Impedance functions or equivalent) Part #: 117 Supplier: 89536 Part #: 260-8XPI Supplier: 55026 Part #: FLUKE 289 Supplier: 89536 Part #: MODEL 8 MK7 Supplier: 00426
COM-14383	Probe - Multimeter, Insulated, Slim Reach Part #: TP38 Supplier: 3S701

EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM
		D633A109-AKS 28-056-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
------	-------------	---------	------------------	--

TASK 28-22-00-720-806

MECH

INSP

1. Center Tank Fuel Boost Pump Power Failed On - Functional Test**A. General**

- (1) This task has one or more steps which are a means to satisfy Airworthiness Limitation Instruction (ALI) requirements. An ALI note will follow the step to which it applies. Any step or sub-step that precedes or follows an ALI identified step is not subject to the ALI requirement.

NOTE: This is applicable to Airworthiness Limitation 28-AWL-23.

B. Prepare for the Test

SUBTASK 28-22-00-860-091

- (1) Make sure the fuel tanks contain the subsequent quantities of fuel:

Tank	Fuel Quantity
Center Tank	Minimum of 3000 lbs (1364 kgs)
No. 1 Tank	0-7000 lbs (0-3182 kgs)
No. 2 Tank	0-7000 lbs (0-3182 kgs)

SUBTASK 28-22-00-860-092

- (2) Make sure the boost pump switches are in the OFF position (Table 1):

Table 1

SWITCH/CONTROL	POSITION	LOCATION
FUEL PUMP - TANK 1 - AFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP - TANK 1 - FWD	OFF	P5 OVERHEAD PANEL
FUEL PUMP - CTR TANK LEFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP - CTR TANK RIGHT	OFF	P5 OVERHEAD PANEL
FUEL PUMP - TANK 2 - AFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP - TANK 2 - FWD	OFF	P5 OVERHEAD PANEL

SUBTASK 28-22-00-860-094

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

F/O Electrical System Panel, P6-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

C	3	C01637	BOOST PMP CTR TNK L AUTO SHUT OFF-DC
D	7	C01659	AT S-O/UCPO BST PMP CTR TNK L AC
F	12	C00318	INDICATOR MASTER DIM SECT 6

Power Distribution Panel Number 1, P91

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

D	5	C00845	FUEL BOOST PUMP CTR TANK LEFT
---	---	--------	-------------------------------

EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM
		D633A109-AKS 28-056-00-01

 Page 2 of 16
 Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
SUBTASK 28-22-00-865-004				
(4) Make sure that these circuit breakers are closed:				
F/O Electrical System Panel, P6-3 <u>Row</u> <u>Col</u> <u>Number</u> <u>Name</u> C 7 C01638 BOOST PMP CTR TNK R AUTO SHUT OFF-DC E 7 C01658 FUEL AT S-O/UCPO BST PMP CTR TNK R AC E 11 C00313 INDICATOR MASTER DIM SECT 1				
Power Distribution Panel Number 2, P92 <u>Row</u> <u>Col</u> <u>Number</u> <u>Name</u> D 5 C00846 FUEL BOOST PUMP CTR TANK RIGHT				
SUBTASK 28-22-00-010-011				
(5) Get access to the secondary relay terminals, R962 and R963 (Figure 1).				
Open this access panel:				
<u>Number</u> <u>Name/Location</u> 117A Electronic Equipment Access Door (a) To get access to relay terminal R962, remove the floor panel at station 371 LBL 35. (b) To get access to relay terminal R963, remove the floor panel at station 361 RBL 36.				
C. Functional Test of the Left Center Tank Secondary Relay <u>NOTE:</u> An analog multimeter is more beneficial to use over a digital multimeter due to the fact that the measurements can fail using a digital multimeter, but still pass using an analog one.				
SUBTASK 28-22-00-860-115				
<u>WARNING:</u> MAKE SURE THAT YOU ARE CAREFUL WHEN YOU MEASURE VOLTAGE. ELECTRICAL POWER CAN CAUSE INJURIES.				
(1) Put the GRD PWR switch on the P5 Overhead Panel to the ON position.				
SUBTASK 28-22-00-860-116				
(2) Make sure that this circuit breaker is closed:				
Power Distribution Panel Number 1, P91 <u>Row</u> <u>Col</u> <u>Number</u> <u>Name</u> F 5 C03002 XFR BUS 1 SECT 2				
SUBTASK 28-22-00-860-117				
(3) Open these circuit breakers and install safety tags:				
Power Distribution Panel Number 2, P92 <u>Row</u> <u>Col</u> <u>Number</u> <u>Name</u> F 5 C03012 XFR BUS 2 SECT 2 F 6 C00817 MAIN BUS 2				
SUBTASK 28-22-00-860-095				
(4) Put the CTR Tank Left Fuel Pump switch to the ON position.				
EFFECTIVITY AKS ALL		SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM D633A109-AKS 28-056-00-01	
				Page 3 of 16 Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
	SUBTASK 28-22-00-210-010			
	(5) Make sure the CTR Tank Left LOW PRESSURE indication light comes on and then goes off.			
	SUBTASK 28-22-00-760-018			
	(6) Measure the voltage between the secondary relay R962 terminals A1, A2, B1, B2, C1, C2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.			
	(a) Make sure the voltage is 105 - 125 volts AC.			
	SUBTASK 28-22-00-860-103			
	(7) Put the CTR Tank Left Fuel Pump switch to the OFF position.			
	SUBTASK 28-22-00-760-019			
	(8) Measure the voltage between the secondary relay, R962, terminals A1, A2, B1, B2, C1, C2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383, to minimize AC voltage noise pickup.			
	<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit.			
	(a) Make sure the voltage is less than 10 volts AC.			
	SUBTASK 28-22-00-760-020			
	(9) Measure the voltage between each secondary relay R962 terminals X1, X2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.			
	<u>NOTE:</u> Do not use the Lo-Z function to measure the voltage in this step. The Lo-Z's low input impedance can load down the open relay coil giving an erroneous reading or can energize the relay.			
	(a) Make sure the voltage is 105 -125 volts AC.			
	 28-AWL-23: ALI			
	SUBTASK 28-22-00-860-137			
	(10) Open this circuit breaker and install safety tag:			
	F/O Electrical System Panel, P6-3			
	<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
	D	7	C01659	AT S-O/UCPO BST PMP CTR TNK L AC
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.			
EFFECTIVITY AKS ALL		SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM	
			D633A109-AKS 28-056-00-01	
				Page 4 of 16 Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
	SUBTASK 28-22-00-860-104			
	28-AWL-23: ALI			
(11)	Put the CTR Tank Left Fuel Pump switch to the ON position.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.			
	SUBTASK 28-22-00-210-014			
(12)	Make sure the CTR Tank Left LOW PRESSURE indication light comes on.			
	SUBTASK 28-22-00-760-028			
	28-AWL-23: ALI			
(13)	Measure the voltage between the secondary relay R962 terminals A2, B2, C2, and the case ground.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.			
(a)	Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.			
	28-AWL-23: ALI			
(b)	Make sure the voltage is 107 - 120 volts AC.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.			
	SUBTASK 28-22-00-760-029			
	28-AWL-23: ALI			
(14)	Measure the voltage between each secondary relay R962 terminals A1, B1, C1 and the case ground.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.			
	<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit.			
(a)	Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.			
	EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM	
			D633A109-AKS 28-056-00-01	Page 5 of 16 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
► 28-AWL-23: ALI				
(b) Make sure the voltage is 10 volts AC or less.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-760-034				
(15) Measure the voltage between each secondary relay R962 terminals X1, X2 and the case ground.				
<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit.				
(a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.				
(b) Make sure the voltage is 10 volts AC or less.				
SUBTASK 28-22-00-860-138				
(16) Put the CTR Tank Left Fuel Pump switch to the OFF position.				
SUBTASK 28-22-00-860-139				
(17) Remove the safety tag and close this circuit breaker:				
F/O Electrical System Panel, P6-3				
<u>Row</u> <u>Col</u> <u>Number</u> <u>Name</u>				
D 7 C01659 AT S-O/UCPO BST PMP CTR TNK LAC				
SUBTASK 28-22-00-860-140				
► 28-AWL-23: ALI				
(18) Put the CTR Tank Left Fuel Pump switch to the ON position.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-210-018				
(19) Make sure the CTR Tank Left LOW PRESSURE indication light comes on and then goes off.				
SUBTASK 28-22-00-760-030				
(20) Measure the voltage between each secondary relay R962 terminals X1, X2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.				
(a) Make sure the voltage is 105 - 125 volts AC on terminal X1.				
(b) Make sure the voltage is less than 10 volts AC on terminal X2.				

EFFECTIVITY
AKS ALLSOURCE
MRB**CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION
SYSTEM****D633A109-AKS
28-056-00-01****Page 6 of 16
Feb 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
SUBTASK 28-22-00-710-004				MECH INSP
28-AWL-23: ALI				
(21) Push and hold the L FUEL TEST AUTO SHUTOFF test switch on the P61-8 panel until the CTR Tank Left LOW PRESSURE indication light comes on after approximately 15 seconds.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-710-005				
28-AWL-23: ALI				
(22) Release the L FUEL TEST AUTO SHUTOFF test switch.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-760-021				
(23) Measure the voltage between the secondary relay R962 terminals A1, B1, C1 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811), equipped with Insulated Probes, COM-14383.				
<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit.				
(a) Make sure the voltage is 10 volts AC or less.				
SUBTASK 28-22-00-760-035				
28-AWL-23: ALI				
(24) Measure the voltage between the secondary relay R962 terminals A2, B2, C2 and the case ground.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit.				
(a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811), equipped with Insulated Probes, COM-14383.				
EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM		
		D633A109-AKS 28-056-00-01		
				Page 7 of 16 Feb 15/2015

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
<p>28-AWL-23: ALI</p> <p>(b) Make sure the voltage is 10 volts AC or less.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.</p>				
SUBTASK 28-22-00-760-022				
<p>28-AWL-23: ALI</p> <p>(25) Measure the voltage between each secondary relay R962 terminals X1, X2 and the case ground.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.</p> <p><u>NOTE:</u> Do not use the Lo-Z function to measure the voltage in this step. The Lo-Z's low input impedance can load down the open relay coil giving an erroneous reading or can energizing the relay.</p> <p>(a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.</p>				
<p>28-AWL-23: ALI</p> <p>(b) Make sure the voltage is 107 - 120 volts AC.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.</p>				
SUBTASK 28-22-00-860-096				
(26) Put the CTR Tank Left Fuel Pump switch to the OFF position.				
SUBTASK 28-22-00-860-097				
(27) Put the CTR Tank Left Fuel Pump switch to the ON position.				
SUBTASK 28-22-00-210-011				
(28) Make sure the CTR Tank Left LOW PRESSURE indication light comes on and then goes off.				
SUBTASK 28-22-00-860-098				
(29) Put the CTR Tank Left Fuel Pump switch to the OFF position.				
SUBTASK 28-22-00-860-118				
(30) Put the GRD PWR switch on the P5 Overhead Panel to the OFF position.				
EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM		
		D633A109-AKS 28-056-00-01		

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
SUBTASK 28-22-00-860-120				
(31) Remove the safety tags and close these circuit breakers:				
Power Distribution Panel Number 2, P92				
Row Col Number Name				
F 5 C03012 XFR BUS 2 SECT 2				
F 6 C00817 MAIN BUS 2				
D. Functional Test of the Right Center Tank Secondary Relay				
SUBTASK 28-22-00-860-119				
WARNING: MAKE SURE THAT YOU ARE CAREFUL WHEN YOU MEASURE VOLTAGE. ELECTRICAL POWER CAN CAUSE INJURIES.				
(1) Put the GRD PWR switch on the P5 Overhead Panel to the ON position.				
SUBTASK 28-22-00-860-121				
(2) Make sure that these circuit breakers are closed:				
Power Distribution Panel Number 2, P92				
Row Col Number Name				
F 5 C03012 XFR BUS 2 SECT 2				
F 6 C00817 MAIN BUS 2				
SUBTASK 28-22-00-860-122				
(3) Open this circuit breaker and install safety tag:				
Power Distribution Panel Number 1, P91				
Row Col Number Name				
F 5 C03002 XFR BUS 1 SECT 2				
SUBTASK 28-22-00-860-105				
(4) Put the CTR Tank Right Fuel Pump switch to the ON position.				
SUBTASK 28-22-00-210-015				
(5) Make sure the CTR Tank Right LOW PRESSURE indication light comes on and then goes off.				
SUBTASK 28-22-00-760-023				
(6) Measure the voltage between the secondary relay R963 terminals A1, A2, B1, B2, C1, C2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811), equipped with Insulated Probes, COM-14383.				
(a) Make sure the voltage is 105 - 125 volts AC.				
SUBTASK 28-22-00-860-106				
(7) Put the CTR Tank Right Fuel Pump switch to the OFF position.				

EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM
		D633A109-AKS 28-056-00-01

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01								
				MECH INSP								
SUBTASK 28-22-00-760-024												
(8) Measure the voltage between the secondary relay R963 terminals A1, A2, B1, B2, C1, C2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811), equipped with Insulated Probes, COM-14383, to minimize AC voltage noise pickup in this open circuit test.												
<p><u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit.</p> <p>(a) Make sure the voltage is less than 10 volts AC.</p>												
SUBTASK 28-22-00-760-025												
(9) Measure the voltage between each secondary R963 relay terminals X1, X2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383:												
<p><u>NOTE:</u> Do not use the Lo-Z function to measure the voltage in this step. The Lo-Z's low input impedance can load down the open relay coil giving an erroneous reading or can energize the relay.</p> <p>(a) Make sure the voltage is 105 - 125 volts AC.</p>												
SUBTASK 28-22-00-860-141												
<p> 28-AWL-23: ALI</p> <p>(10) Open this circuit breaker and install safety tag:</p> <p>F/O Electrical System Panel, P6-3</p> <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>E</td> <td>7</td> <td>C01658</td> <td>FUEL AT S-O/UCPO BST PMP CTR TNK R AC</td> </tr> </tbody> </table> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.</p>				<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	E	7	C01658	FUEL AT S-O/UCPO BST PMP CTR TNK R AC	
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>									
E	7	C01658	FUEL AT S-O/UCPO BST PMP CTR TNK R AC									
SUBTASK 28-22-00-860-107												
<p> 28-AWL-23: ALI</p> <p>(11) Put the CTR Tank Right Fuel Pump switch to the ON position.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.</p>												
SUBTASK 28-22-00-210-016												
(12) Make sure the CTR Right LOW PRESSURE indication light comes on.												
EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM										
		D633A109-AKS 28-056-00-01										
Page 10 of 16 Feb 15/2015												

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
SUBTASK 28-22-00-760-031				MECH INSP
28-AWL-23: ALI (13) Measure the voltage between the secondary relay R963 terminals A2, B2, C2 and the case ground. <u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs). <u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23. (a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.				
28-AWL-23: ALI (b) Make sure the voltage is 107 -120 volts AC. <u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs). <u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-760-032				
28-AWL-23: ALI (14) Measure the voltage between each secondary relay R963 terminals A1, B1, C1 and the case ground. <u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs). <u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23. <u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit. (a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.				
28-AWL-23: ALI (b) Make sure the voltage is 10 volts AC or less. <u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs). <u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM D633A109-AKS 28-056-00-01		
				Page 11 of 16 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
	SUBTASK 28-22-00-760-036			
(15)	Measure the voltage between each secondary relay R963 terminals X1, X2 and the case ground.			
	<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage from AC coupling by loading down the open circuit.			
	(a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.			
	(b) Make sure the voltage is 10 volts AC or less.			
	SUBTASK 28-22-00-860-142			
(16)	Put the CTR Tank Right Fuel Pump switch to the OFF position.			
	SUBTASK 28-22-00-860-143			
(17)	Remove the safety tag and close this circuit breaker:			
	F/O Electrical System Panel, P6-3			
	<u>Row</u> <u>Col</u> <u>Number</u> <u>Name</u>			
	E 7 C01658 FUEL AT S-O/UCPO BST PMP CTR TNK R AC			
	SUBTASK 28-22-00-860-144			
	28-AWL-23: ALI			
(18)	Put the CTR Tank Right Fuel Pump switch to the ON position.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.			
	SUBTASK 28-22-00-210-019			
(19)	Make sure the CTR Tank Right LOW PRESSURE indication light comes on and then goes off.			
	SUBTASK 28-22-00-760-033			
(20)	Measure the voltage between each secondary relay R963 terminals X1, X2 and the case ground with a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.			
	(a) Make sure the voltage is 105 -125 volts AC on terminal X1.			
	(b) Make sure the voltage is less than 10 volts AC on terminal X2.			
	EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM	
			D633A109-AKS 28-056-00-01	Page 12 of 16 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
				MECH INSP
SUBTASK 28-22-00-720-028				
► 28-AWL-23: ALI				
(21) Push and hold the R FUEL TEST AUTO SHUTOFF test switch on the P61-8 panel until the CTR Tank Right LOW PRESSURE indication light comes on after approximately 15 seconds.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-720-029				
► 28-AWL-23: ALI				
(22) Release the R FUEL TEST AUTO SHUTOFF test switch.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-760-026				
► 28-AWL-23: ALI				
(23) Measure the voltage between the secondary relay R963 terminals A2, B2, C2 and the case ground.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage AC coupling by loading down the open circuit.				
(a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.				
► 28-AWL-23: ALI				
(b) Make sure the voltage is 10 volts AC or less.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.				
SUBTASK 28-22-00-760-037				
(24) Measure the voltage between the secondary relay R963 terminals A1, B1, C1 and the case ground.				
<u>NOTE:</u> To get the lowest AC voltage reading, set the VOM to the lowest AC voltage range possible and still have the reading within range of full scale. Use the Lo-Z setting, which reduces the voltage AC coupling by loading down the open circuit.				
EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM		
		D633A109-AKS 28-056-00-01		
				Page 13 of 16 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01								
				MECH INSP								
<p>(a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.</p> <p>(b) Make sure the voltage is 10 volts AC or less.</p>												
SUBTASK 28-22-00-760-027												
<p> 28-AWL-23: ALI</p> <p>(25) Measure the voltage between each secondary relay R963 terminals X1, X2 and the case ground.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.</p> <p><u>NOTE:</u> Do not use the Lo-Z function to measure the voltage in this step. The Lo-Z's low input impedance can load down the open relay coil giving an erroneous reading or can energize the relay.</p> <p>(a) Use a Multimeter, COM-1322 (alternate:multimeter with Low/ High Z Impedance functions, COM-13811) equipped with Insulated Probes, COM-14383.</p>												
<p> 28-AWL-23: ALI</p> <p>(b) Make sure the voltage is 107 - 120 volts AC.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-23.</p>												
SUBTASK 28-22-00-860-108												
<p>(26) Put the CTR Tank Right Fuel Pump switch to the OFF position.</p>												
SUBTASK 28-22-00-860-109												
<p>(27) Put the CTR Tank Right Fuel Pump switch to the ON position.</p>												
SUBTASK 28-22-00-210-017												
<p>(28) Make sure the CTR Tank Right LOW PRESSURE indication light comes on and then goes off.</p>												
SUBTASK 28-22-00-860-110												
<p>(29) Put the CTR Tank Right Fuel Pump switch to the OFF position.</p>												
SUBTASK 28-22-00-860-123												
<p>(30) Put the GRD PWR switch on the P5 Overhead Panel to the OFF position.</p>												
SUBTASK 28-22-00-860-124												
<p>(31) Remove the safety tag and close this circuit breaker:</p> <p>Power Distribution Panel Number 1, P91</p> <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>F</td> <td>5</td> <td>C03002</td> <td>XFR BUS 1 SECT 2</td> </tr> </tbody> </table>					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	F	5	C03002	XFR BUS 1 SECT 2
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>									
F	5	C03002	XFR BUS 1 SECT 2									
EFFECTIVITY AKS ALL		SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM D633A109-AKS 28-056-00-01									
				Page 14 of 16 Feb 15/2015								

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-056-00-01
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E. Put the Airplane Back to Its Usual Position

SUBTASK 28-22-00-410-006

- (1) Install the applicable floor panel at station 371 LBL 35 or station 361 RBL 36.

SUBTASK 28-22-00-410-005

- (2) Close this access panel:

Number Name/Location

117A Electronic Equipment Access Door

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM
		D633A109-AKS 28-056-00-01

**Page 15 of 16
Feb 15/2015**

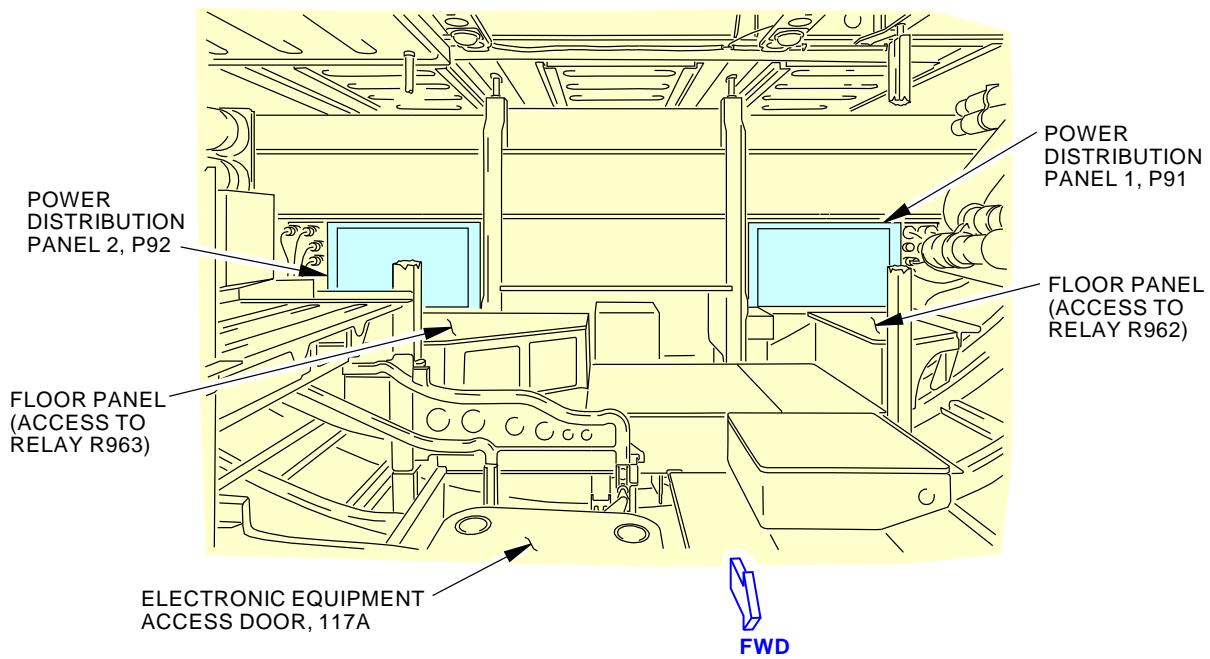
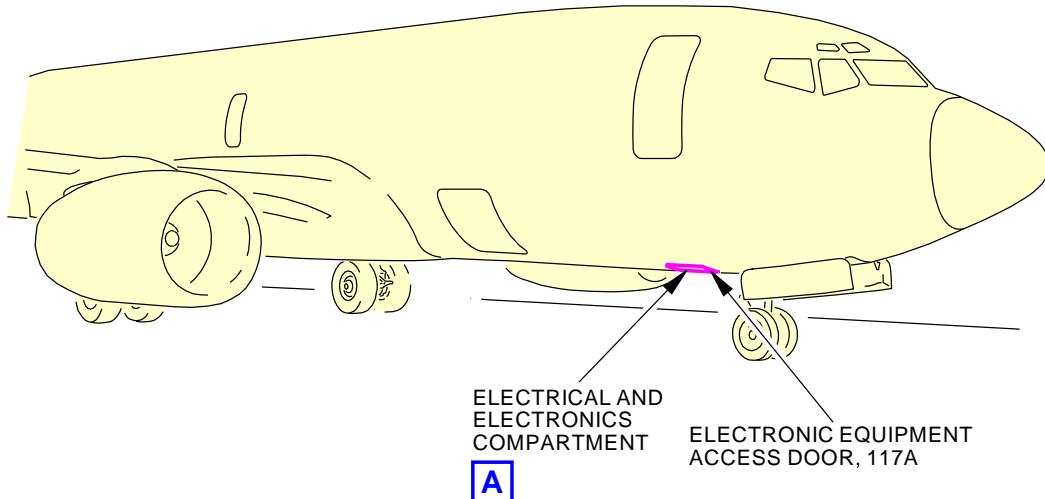
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-056-00-01**ELECTRICAL AND ELECTRONICS COMPARTMENT****A**

U75832 S0000216734_V4

**Center Tank Power Failed On Functional Test
Figure 1**

EFFECTIVITY AKS ALL	SOURCE MRB	CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM
		D633A109-AKS 28-056-00-01

Page 16 of 16
Jun 15/2016

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE RESTORE (CLEAN) LEFT MAIN FUEL TANK SCAVENGER JET PUMP			BOEING CARD NO.
DATE	TASK RESTORE				28-060-01-01
TAIL NUMBER	WORK AREA LEFT WING	VERSION 1.1	THRESHOLD 4000 FH	REPEAT 4000 FH	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS 551DB			ZONE 532

Restore (clean) the left main fuel tank water scavenge jet pump (without defueling the tank).

A. Consumable Materials

Reference	Description	Specification
B00074	Solvent - Degreasing	MIL-PRF-680 (Supersedes P-D-680)

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-123	Brush - Soft Bristle

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) LEFT MAIN FUEL TANK SCAVENGER JET PUMP
		D633A109-AKS 28-060-01-01

Page 1 of 6
Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-060-01-01																												
				MECH INSP																												
TASK 28-22-13-200-802																																
1. No. 1 or No. 2 Tank Water Scavenge Jet Pump Check (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>6A</td><td>Jet nozzle</td><td>28-22-52-01A-320</td><td>AKS 001-013</td></tr> <tr> <td></td><td></td><td>28-22-52-03B-170</td><td>AKS ALL</td></tr> <tr> <td>6B</td><td>Nozzle plug</td><td>28-22-52-01A-310</td><td>AKS 001-013</td></tr> <tr> <td></td><td></td><td>28-22-52-03B-160</td><td>AKS ALL</td></tr> <tr> <td>7</td><td>O-ring</td><td>28-22-52-01A-315</td><td>AKS 001-013</td></tr> <tr> <td></td><td></td><td>28-22-52-03B-165</td><td>AKS ALL</td></tr> </tbody> </table>					AMM Item	Description	AIPC Reference	AIPC Effectivity	6A	Jet nozzle	28-22-52-01A-320	AKS 001-013			28-22-52-03B-170	AKS ALL	6B	Nozzle plug	28-22-52-01A-310	AKS 001-013			28-22-52-03B-160	AKS ALL	7	O-ring	28-22-52-01A-315	AKS 001-013			28-22-52-03B-165	AKS ALL
AMM Item	Description	AIPC Reference	AIPC Effectivity																													
6A	Jet nozzle	28-22-52-01A-320	AKS 001-013																													
		28-22-52-03B-170	AKS ALL																													
6B	Nozzle plug	28-22-52-01A-310	AKS 001-013																													
		28-22-52-03B-160	AKS ALL																													
7	O-ring	28-22-52-01A-315	AKS 001-013																													
		28-22-52-03B-165	AKS ALL																													
B. Prepare for the Check <p>SUBTASK 28-22-13-010-004</p> <p>(1) Open this access panel:</p> <table> <thead> <tr> <th>Number</th><th>Name/Location</th></tr> </thead> <tbody> <tr> <td>551DB</td><td>Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel</td></tr> </tbody> </table> <p>or open this access panel:</p> <table> <thead> <tr> <th>Number</th><th>Name/Location</th></tr> </thead> <tbody> <tr> <td>651DB</td><td>Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel</td></tr> </tbody> </table> <p>SUBTASK 28-22-13-860-015</p> <p>(2) Make sure that the AFT boost pump switch for the applicable main tank is set to OFF.</p> <p>SUBTASK 28-22-13-860-016</p> <p>(3) Open the applicable circuit breakers and install safety tags:</p> <p>Power Distribution Panel Number 1, P91</p> <table> <thead> <tr> <th>Row</th><th>Col</th><th>Number</th><th>Name</th></tr> </thead> <tbody> <tr> <td>D</td><td>3</td><td>C00828</td><td>FUEL BOOST PUMP TANK 2 AFT</td></tr> </tbody> </table> <p>Power Distribution Panel Number 2, P92</p> <table> <thead> <tr> <th>Row</th><th>Col</th><th>Number</th><th>Name</th></tr> </thead> <tbody> <tr> <td>D</td><td>1</td><td>C00826</td><td>FUEL BOOST PUMP TANK 1 AFT</td></tr> </tbody> </table> <p>SUBTASK 28-22-13-480-002</p> <p>(4) Put the container below the pump to catch the fuel.</p>					Number	Name/Location	551DB	Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel	Number	Name/Location	651DB	Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel	Row	Col	Number	Name	D	3	C00828	FUEL BOOST PUMP TANK 2 AFT	Row	Col	Number	Name	D	1	C00826	FUEL BOOST PUMP TANK 1 AFT				
Number	Name/Location																															
551DB	Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel																															
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Row	Col	Number	Name																													
D	1	C00826	FUEL BOOST PUMP TANK 1 AFT																													
C. Procedure <p>SUBTASK 28-22-13-020-003</p> <p>(1) Do these steps to loosen and remove the nozzle assembly [6] from the pump housing.</p> <p>(a) Remove the lockwire [1] that attaches the nozzle assembly to the jamnut [5].</p> <p>(b) Loosen the nozzle assembly [6] from the pump.</p>																																
EFFECTIVITY AKS ALL		SOURCE MRB	RESTORE (CLEAN) LEFT MAIN FUEL TANK SCAVENGER JET PUMP D633A109-AKS 28-060-01-01																													
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. 28-060-01-01								
				MECH INSP								
<p>(c) Remove the nozzle assembly [6] from the pump housing.</p> <p><u>NOTE:</u> The flapper valve in the pump housing closes to prevent fuel leakage when you move the nozzle assembly [6] away from the pump.</p> <p>(d) Discard the O-ring [7].</p>												
<p>SUBTASK 28-22-13-020-004</p> <p>(2) Loosen and remove the jet nozzle [6A] from the nozzle plug [6B].</p>												
<p>SUBTASK 28-22-13-210-002</p> <p>(3) Make sure the holes of the jet nozzle [6A] are clean and have no blockage.</p>												
<p>SUBTASK 28-22-13-110-002</p> <p>WARNING: KEEP THE CLEANING SOLUTIONS AWAY FROM SPARKS, FLAMES, AND HEAT. CLEANING SOLUTIONS ARE FLAMMABLE, AND CAN CAUSE INJURIES TO PERSONNEL.</p> <p>CAUTION: DO NOT USE ABRASIVE MATERIALS. ABRASIVE MATERIALS WILL CAUSE DAMAGE TO THIS COMPONENT.</p>												
<p>(4) If it is necessary, do these steps to clean the jet nozzle [6A]:</p> <p>(a) Clean the jet nozzle [6A] with solvent, B00074, or equivalent.</p> <p>(b) If necessary you can use a soft bristle brush, STD-123, to clean the jet nozzle.</p> <p>(c) Dry the nozzle with moisture-free compressed air or nitrogen.</p>												
<p>SUBTASK 28-22-13-420-005</p> <p>(5) Install the new O-ring [7], lightly lubricated with fuel, into the groove on the nozzle plug [6B].</p>												
<p>SUBTASK 28-22-13-420-006</p> <p>(6) Install the jet nozzle [6A] and nozzle plug [6B] and tighten it to a torque between 65 in-lb (7 N·m) and 75 in-lb (8 N·m).</p>												
<p>SUBTASK 28-22-13-420-007</p> <p>(7) Do these steps to install the nozzle assembly [6] in the pump housing:</p> <p>(a) Put the nozzle assembly [6] into the pump housing.</p> <p>(b) Tighten the nozzle plug in the pump housing to a torque between 155 in-lb (18 N·m) and 165 in-lb (19 N·m).</p> <p>(c) Install lockwire [1] from the nozzle assembly [6] to the jamnut [5].</p>												
<p>SUBTASK 28-22-13-860-017</p> <p>(8) Remove the safety tags and close these circuit breakers:</p>												
<p>Power Distribution Panel Number 1, P91</p> <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>D</td><td>3</td><td>C00828</td><td>FUEL BOOST PUMP TANK 2 AFT</td></tr> </tbody> </table>				<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	D	3	C00828	FUEL BOOST PUMP TANK 2 AFT	
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>									
D	3	C00828	FUEL BOOST PUMP TANK 2 AFT									
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D	1	C00826	FUEL BOOST PUMP TANK 1 AFT									
EFFECTIVITY AKS ALL		SOURCE MRB	RESTORE (CLEAN) LEFT MAIN FUEL TANK SCAVENGER JET PUMP D633A109-AKS 28-060-01-01									
				Page 3 of 6 Feb 15/2015								

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-060-01-01
				MECH INSP
SUBTASK 28-22-13-710-006				
(9) Do these steps to do a leak test of the No. 1 or No. 2 tank water scavenge jet pump:				
(a) Operate the applicable fuel boost pump (the aft boost pump in the No. 1 or No. 2 tank).				
(b) Look for leakage at the water scavenge jet pump installation on the rear spar.				
SUBTASK 28-22-13-010-005				
(10) Close this access panel:				
Number Name/Location				
551DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel				
or close this access panel:				
Number Name/Location				
651DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel				
———— END OF TASK ————				

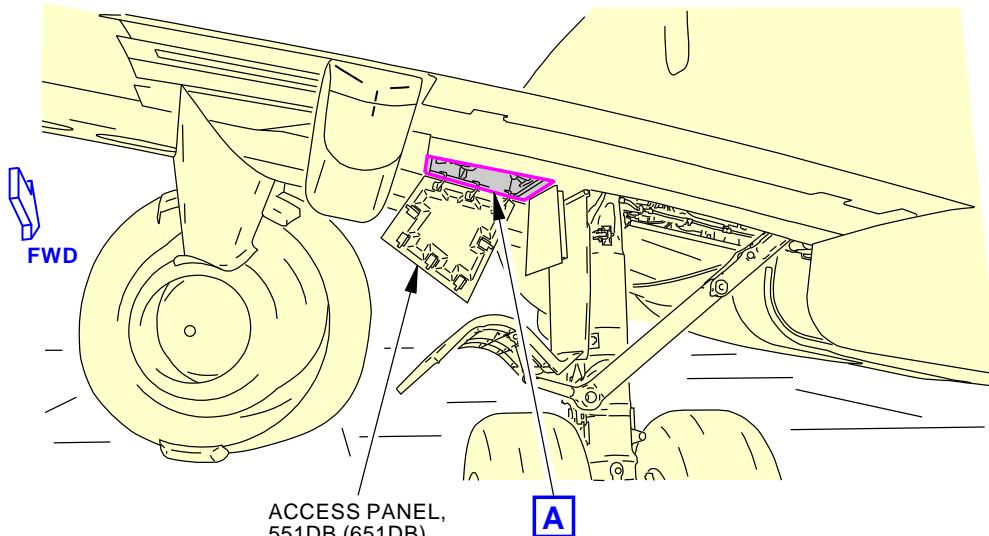
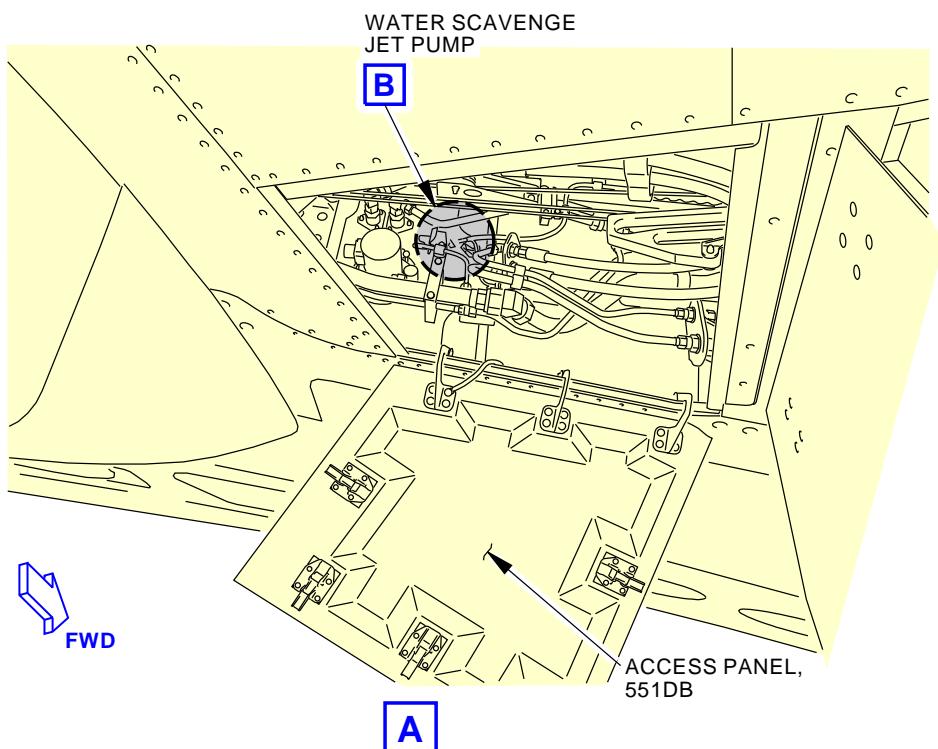
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-060-01-01**LEFT WING
(RIGHT WING IS EQUIVALENT)**

L01156 S0006571995_V2

**Water Scavenging Jet Pump Inspection
Figure 1 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) LEFT MAIN FUEL TANK SCAVENGER JET PUMP
		D633A109-AKS 28-060-01-01

Page 5 of 6
Jun 15/2015

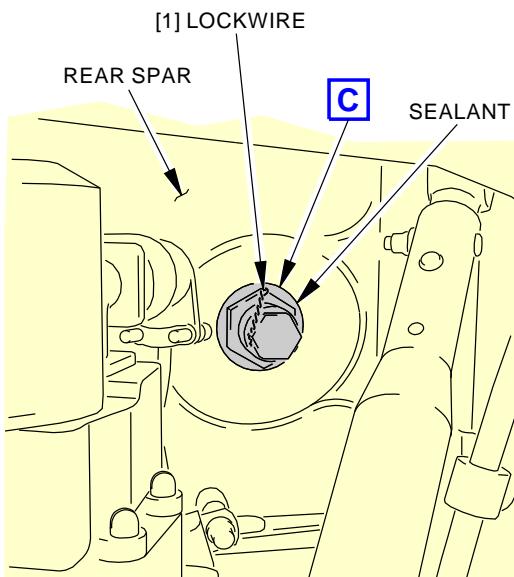
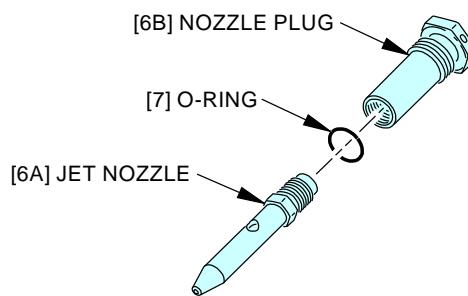
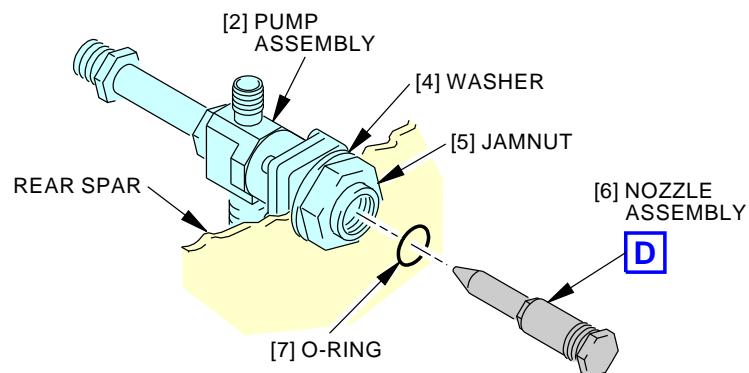
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-060-01-01**(EXAMPLE)****B****NOZZLE ASSEMBLY****D**

L01132 S0006571996_V2

**Water Scavenging Jet Pump Inspection
Figure 1 (Sheet 2 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**RESTORE (CLEAN) LEFT MAIN FUEL TANK SCAVENGER JET PUMP****D633A109-AKS
28-060-01-01****Page 6 of 6
Jun 15/2015**

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

AIRLINE CARD NO		TITLE RESTORE (CLEAN) RIGHT MAIN FUEL TANK SCAVENGER JET PUMP			BOEING CARD NO.
DATE	TASK RESTORE				28-060-02-01
TAIL NUMBER	WORK AREA RIGHT WING	VERSION 1.1	THRESHOLD 4000 FH	REPEAT 4000 FH	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS 651DB			ZONE 632

Restore (clean) the right main fuel tank water scavenge jet pump (without defueling the tank).

A. Consumable Materials

Reference	Description	Specification
B00074	Solvent - Degreasing	MIL-PRF-680 (Supersedes P-D-680)

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-123	Brush - Soft Bristle

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) RIGHT MAIN FUEL TANK SCAVENGER JET PUMP
		D633A109-AKS 28-060-02-01

 Page 1 of 6
 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-060-02-01
------	-------------	---------	------------------	--

TASK 28-22-13-200-802

MECH

INSP

1. No. 1 or No. 2 Tank Water Scavenge Jet Pump Check

(Figure 1)

A. Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
6A	Jet nozzle	28-22-52-01A-320	AKS 001-013
		28-22-52-03B-170	AKS ALL
6B	Nozzle plug	28-22-52-01A-310	AKS 001-013
		28-22-52-03B-160	AKS ALL
7	O-ring	28-22-52-01A-315	AKS 001-013
		28-22-52-03B-165	AKS ALL

B. Prepare for the Check

SUBTASK 28-22-13-010-004

- (1) Open this access panel:

Number Name/Location

551DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam
Outboard Attach Pin Access Panel

or open this access panel:

Number Name/Location

651DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam
Outboard Attach Pin Access Panel

SUBTASK 28-22-13-860-015

- (2) Make sure that the AFT boost pump switch for the applicable main tank is set to OFF.

SUBTASK 28-22-13-860-016

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

Power Distribution Panel Number 1, P91

Row	Col	Number	Name
D	3	C00828	FUEL BOOST PUMP TANK 2 AFT

Power Distribution Panel Number 2, P92

Row	Col	Number	Name
D	1	C00826	FUEL BOOST PUMP TANK 1 AFT

SUBTASK 28-22-13-480-002

- (4) Put the container below the pump to catch the fuel.

C. Procedure

SUBTASK 28-22-13-020-003

- (1) Do these steps to loosen and remove the nozzle assembly [6] from the pump housing.
- Remove the lockwire [1] that attaches the nozzle assembly to the jamnut [5].
 - Loosen the nozzle assembly [6] from the pump.

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) RIGHT MAIN FUEL TANK SCAVENGER JET PUMP
		D633A109-AKS 28-060-02-01

 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. 28-060-02-01
(c) Remove the nozzle assembly [6] from the pump housing.				MECH INSP
NOTE: The flapper valve in the pump housing closes to prevent fuel leakage when you move the nozzle assembly [6] away from the pump.				
(d) Discard the O-ring [7].				
SUBTASK 28-22-13-020-004				
(2) Loosen and remove the jet nozzle [6A] from the nozzle plug [6B].				
SUBTASK 28-22-13-210-002				
(3) Make sure the holes of the jet nozzle [6A] are clean and have no blockage.				
SUBTASK 28-22-13-110-002				
WARNING: KEEP THE CLEANING SOLUTIONS AWAY FROM SPARKS, FLAMES, AND HEAT. CLEANING SOLUTIONS ARE FLAMMABLE, AND CAN CAUSE INJURIES TO PERSONNEL.				
CAUTION: DO NOT USE ABRASIVE MATERIALS. ABRASIVE MATERIALS WILL CAUSE DAMAGE TO THIS COMPONENT.				
(4) If it is necessary, do these steps to clean the jet nozzle [6A]:				
(a) Clean the jet nozzle [6A] with solvent, B00074, or equivalent.				
(b) If necessary you can use a soft bristle brush, STD-123, to clean the jet nozzle.				
(c) Dry the nozzle with moisture-free compressed air or nitrogen.				
SUBTASK 28-22-13-420-005				
(5) Install the new O-ring [7], lightly lubricated with fuel, into the groove on the nozzle plug [6B].				
SUBTASK 28-22-13-420-006				
(6) Install the jet nozzle [6A] and nozzle plug [6B] and tighten it to a torque between 65 in-lb (7 N·m) and 75 in-lb (8 N·m).				
SUBTASK 28-22-13-420-007				
(7) Do these steps to install the nozzle assembly [6] in the pump housing:				
(a) Put the nozzle assembly [6] into the pump housing.				
(b) Tighten the nozzle plug in the pump housing to a torque between 155 in-lb (18 N·m) and 165 in-lb (19 N·m).				
(c) Install lockwire [1] from the nozzle assembly [6] to the jamnut [5].				
SUBTASK 28-22-13-860-017				
(8) Remove the safety tags and close these circuit breakers:				
Power Distribution Panel Number 1, P91				
Row	Col	Number	Name	
D	3	C00828	FUEL BOOST PUMP TANK 2 AFT	
Power Distribution Panel Number 2, P92				
Row	Col	Number	Name	
D	1	C00826	FUEL BOOST PUMP TANK 1 AFT	
EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) RIGHT MAIN FUEL TANK SCAVENGER JET PUMP		
		D633A109-AKS 28-060-02-01		
				Page 3 of 6 Feb 15/2015

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-060-02-01
				MECH INSP
SUBTASK 28-22-13-710-006				
(9) Do these steps to do a leak test of the No. 1 or No. 2 tank water scavenge jet pump:				
(a) Operate the applicable fuel boost pump (the aft boost pump in the No. 1 or No. 2 tank).				
(b) Look for leakage at the water scavenge jet pump installation on the rear spar.				
SUBTASK 28-22-13-010-005				
(10) Close this access panel:				
Number Name/Location				
551DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel				
or close this access panel:				
Number Name/Location				
651DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam Outboard Attach Pin Access Panel				
———— END OF TASK ————				

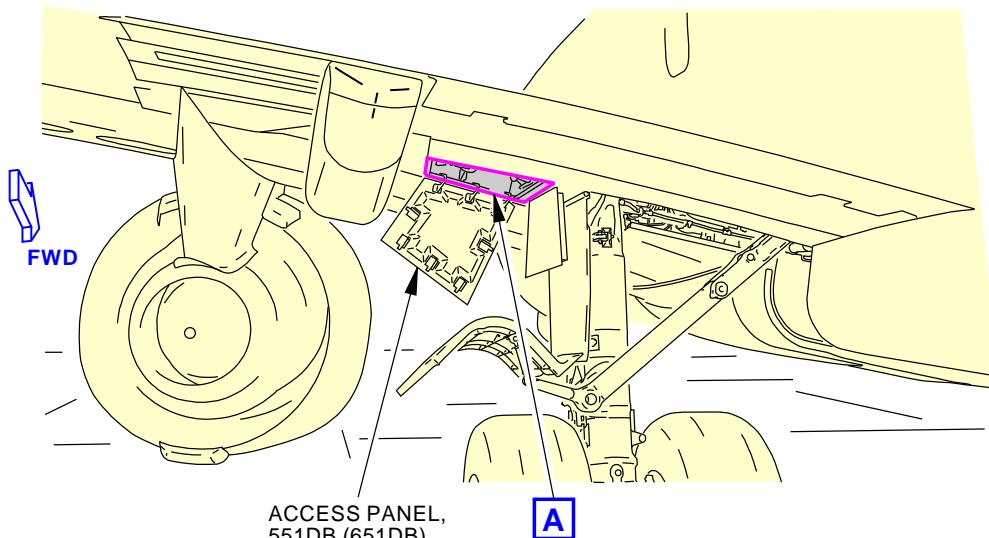
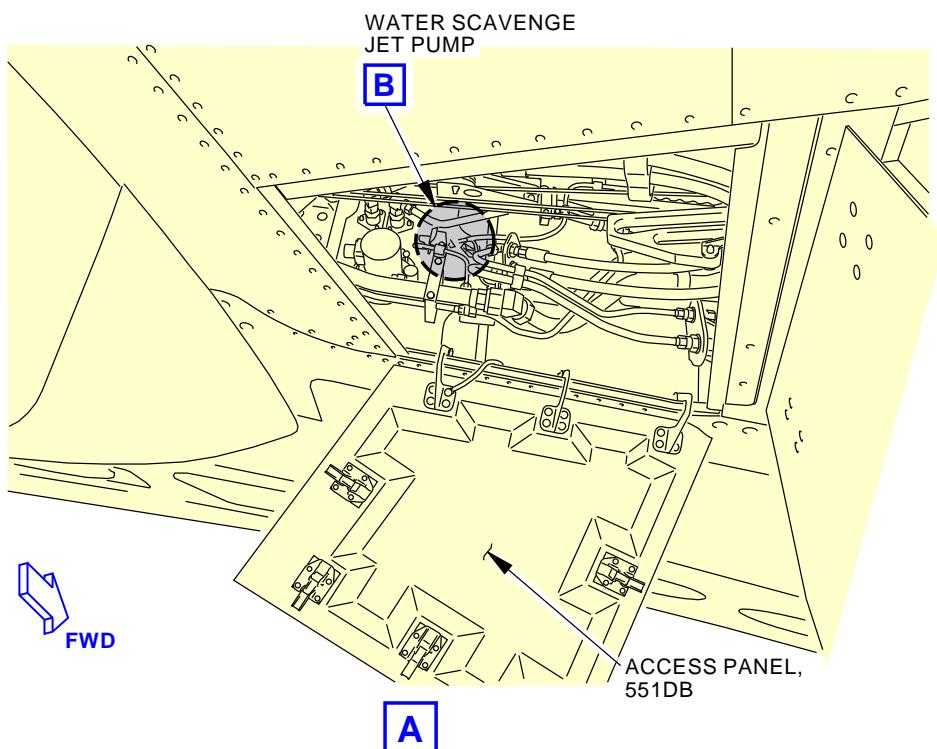
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-060-02-01**LEFT WING
(RIGHT WING IS EQUIVALENT)**

L01156 S0006571995_V2

**Water Scavenging Jet Pump Inspection
Figure 1 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) RIGHT MAIN FUEL TANK SCAVENGER JET PUMP
		D633A109-AKS 28-060-02-01

Page 5 of 6
Jun 15/2015

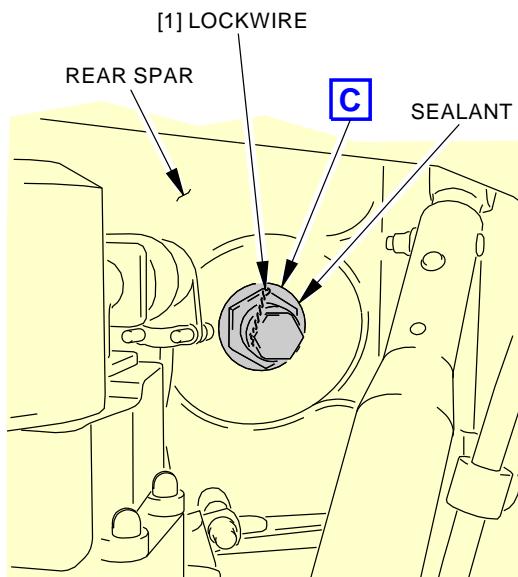
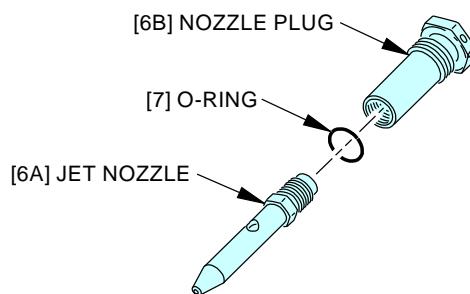
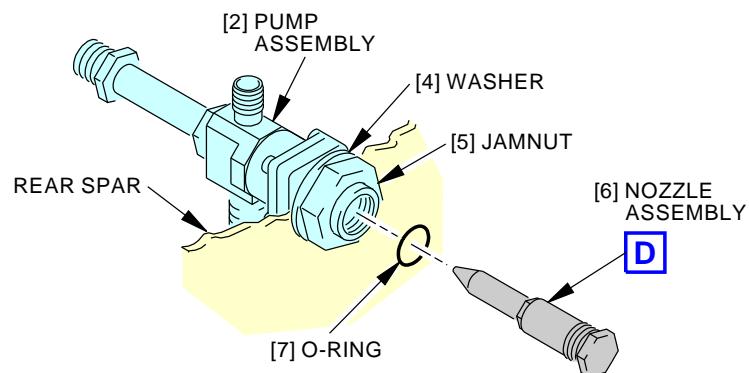
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-060-02-01**(EXAMPLE)****B****NOZZLE ASSEMBLY****D**

L01132 S0006571996_V2

**Water Scavenging Jet Pump Inspection
Figure 1 (Sheet 2 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**RESTORE (CLEAN) RIGHT MAIN FUEL TANK SCAVENGER
JET PUMP****D633A109-AKS
28-060-02-01****Page 6 of 6
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE RESTORE (CLEAN) THE CENTER FUEL TANK LEFT AND RIGHT WATER SCAVENGER JET PUMP			BOEING CARD NO. 28-060-03-01	
DATE	TASK RESTORE				RELATED CARD	
TAIL NUMBER	WORK AREA L MAIN W/W	VERSION 1.1	THRESHOLD 4000 FH	REPEAT 4000 FH	APPLICABILITY	
STATION	SKILL AIRPL				AIRPLANE ALL	ENGINE ALL
		ACCESS			ZONE 133 134	

Restore (clean) the left and right water scavenge jet pumps in the center wing fuel tank (without defueling the tank).

A. Consumable Materials

Reference	Description	Specification
B00074	Solvent - Degreasing	MIL-PRF-680 (Supersedes P-D-680)

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-123	Brush - Soft Bristle

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) THE CENTER FUEL TANK LEFT AND RIGHT WATER SCAVENGER JET PUMP	
		D633A109-AKS 28-060-03-01	Page 1 of 5 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-060-03-01																												
				MECH INSP																												
TASK 28-22-13-200-801																																
1. Center Tank Water Scavenge Jet Pump Check (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>6A</td> <td>Jet nozzle</td> <td>28-22-52-01A-320</td> <td>AKS 001-013</td> </tr> <tr> <td></td> <td></td> <td>28-22-52-03B-170</td> <td>AKS ALL</td> </tr> <tr> <td>6B</td> <td>Nozzle plug</td> <td>28-22-52-01A-310</td> <td>AKS 001-013</td> </tr> <tr> <td></td> <td></td> <td>28-22-52-03B-160</td> <td>AKS ALL</td> </tr> <tr> <td>7</td> <td>O-ring</td> <td>28-22-52-01A-315</td> <td>AKS 001-013</td> </tr> <tr> <td></td> <td></td> <td>28-22-52-03B-165</td> <td>AKS ALL</td> </tr> </tbody> </table>					AMM Item	Description	AIPC Reference	AIPC Effectivity	6A	Jet nozzle	28-22-52-01A-320	AKS 001-013			28-22-52-03B-170	AKS ALL	6B	Nozzle plug	28-22-52-01A-310	AKS 001-013			28-22-52-03B-160	AKS ALL	7	O-ring	28-22-52-01A-315	AKS 001-013			28-22-52-03B-165	AKS ALL
AMM Item	Description	AIPC Reference	AIPC Effectivity																													
6A	Jet nozzle	28-22-52-01A-320	AKS 001-013																													
		28-22-52-03B-170	AKS ALL																													
6B	Nozzle plug	28-22-52-01A-310	AKS 001-013																													
		28-22-52-03B-160	AKS ALL																													
7	O-ring	28-22-52-01A-315	AKS 001-013																													
		28-22-52-03B-165	AKS ALL																													
B. Prepare for the Check <p>SUBTASK 28-22-13-860-012</p> <p>(1) Make sure that the boost pump switches for the center fuel tank are set to OFF.</p> <p>SUBTASK 28-22-13-860-013</p> <p>(2) Open these circuit breakers and install safety tags:</p> <p>Power Distribution Panel Number 1, P91</p> <table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>5</td> <td>C00845</td> <td>FUEL BOOST PUMP CTR TANK LEFT</td> </tr> </tbody> </table> <p>Power Distribution Panel Number 2, P92</p> <table border="1"> <thead> <tr> <th>Row</th> <th>Col</th> <th>Number</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>5</td> <td>C00846</td> <td>FUEL BOOST PUMP CTR TANK RIGHT</td> </tr> </tbody> </table> <p>SUBTASK 28-22-13-480-001</p> <p>(3) Put the container below the pump to catch the fuel.</p>					Row	Col	Number	Name	D	5	C00845	FUEL BOOST PUMP CTR TANK LEFT	Row	Col	Number	Name	D	5	C00846	FUEL BOOST PUMP CTR TANK RIGHT												
Row	Col	Number	Name																													
D	5	C00845	FUEL BOOST PUMP CTR TANK LEFT																													
Row	Col	Number	Name																													
D	5	C00846	FUEL BOOST PUMP CTR TANK RIGHT																													
C. Procedure <p>SUBTASK 28-22-13-020-001</p> <p>(1) Do these steps to loosen and remove the nozzle assembly [6] from the pump housing.</p> <p>(a) Remove the lockwire [1] that attaches the nozzle assembly to the jamnut [5].</p> <p>(b) Loosen the nozzle assembly [6] from the pump.</p> <p>(c) Remove the nozzle assembly [6] from the pump housing.</p> <p><u>NOTE:</u> The flapper valve in the pump housing closes to prevent fuel leakage when you move the nozzle assembly [6] away from the pump.</p> <p>(d) Discard the O-ring [7].</p> <p>SUBTASK 28-22-13-020-002</p> <p>(2) Loosen and remove the jet nozzle [6A] from the nozzle plug [6B].</p> <p>SUBTASK 28-22-13-210-001</p> <p>(3) Make sure the holes of the jet nozzle [6A] are clean and have no blockage.</p>																																

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) THE CENTER FUEL TANK LEFT AND RIGHT WATER SCAVENGER JET PUMP
		D633A109-AKS 28-060-03-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-060-03-01
				MECH INSP
SUBTASK 28-22-13-110-001				
WARNING: KEEP THE CLEANING SOLUTIONS AWAY FROM SPARKS, FLAMES, AND HEAT. CLEANING SOLUTIONS ARE FLAMMABLE, AND CAN CAUSE INJURIES TO PERSONNEL.				
CAUTION: DO NOT USE ABRASIVE MATERIALS. ABRASIVE MATERIALS WILL CAUSE DAMAGE TO THIS COMPONENT.				
(4) If it is necessary, do these steps to clean the jet nozzle [6A]: (a) Clean the jet nozzle [6A] with solvent, B00074, or equivalent. (b) If necessary you can use a soft bristle brush, STD-123, to clean the jet nozzle. (c) Dry the nozzle with moisture-free compressed air or nitrogen.				
SUBTASK 28-22-13-420-002				
(5) Install the new O-ring [7], lightly lubricated with fuel, into the groove on the nozzle plug [6B].				
SUBTASK 28-22-13-420-003				
(6) Install the jet nozzle [6A] and nozzle plug [6B] and tighten it to a torque between 65 in-lb (7 N·m) and 75 in-lb (8 N·m).				
SUBTASK 28-22-13-420-004				
(7) Do these steps to install the nozzle assembly [6] in the pump housing: (a) Put the nozzle assembly [6] into the pump housing. (b) Tighten the nozzle plug in the pump housing to a torque between 155 in-lb (18 N·m) and 165 in-lb (19 N·m). (c) Install lockwire [1] from the nozzle assembly [6] to the jamnut [5].				
SUBTASK 28-22-13-860-014				
(8) Remove the safety tags and close these circuit breakers:				
Power Distribution Panel Number 1, P91				
Row Col Number Name				
D 5 C00845 FUEL BOOST PUMP CTR TANK LEFT				
Power Distribution Panel Number 2, P92				
Row Col Number Name				
D 5 C00846 FUEL BOOST PUMP CTR TANK RIGHT				
SUBTASK 28-22-13-710-005				
(9) Do these steps to do a leak test of the center tank water scavenge jet pumps: (a) Operate the applicable center tank fuel boost pump (left or right). (b) Look for leakage at the water scavenge jet pump installation on the rear spar.				
———— END OF TASK ———				
EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) THE CENTER FUEL TANK LEFT AND RIGHT WATER SCAVENGER JET PUMP		
		D633A109-AKS 28-060-03-01		
		Page 3 of 5 Feb 15/2015		

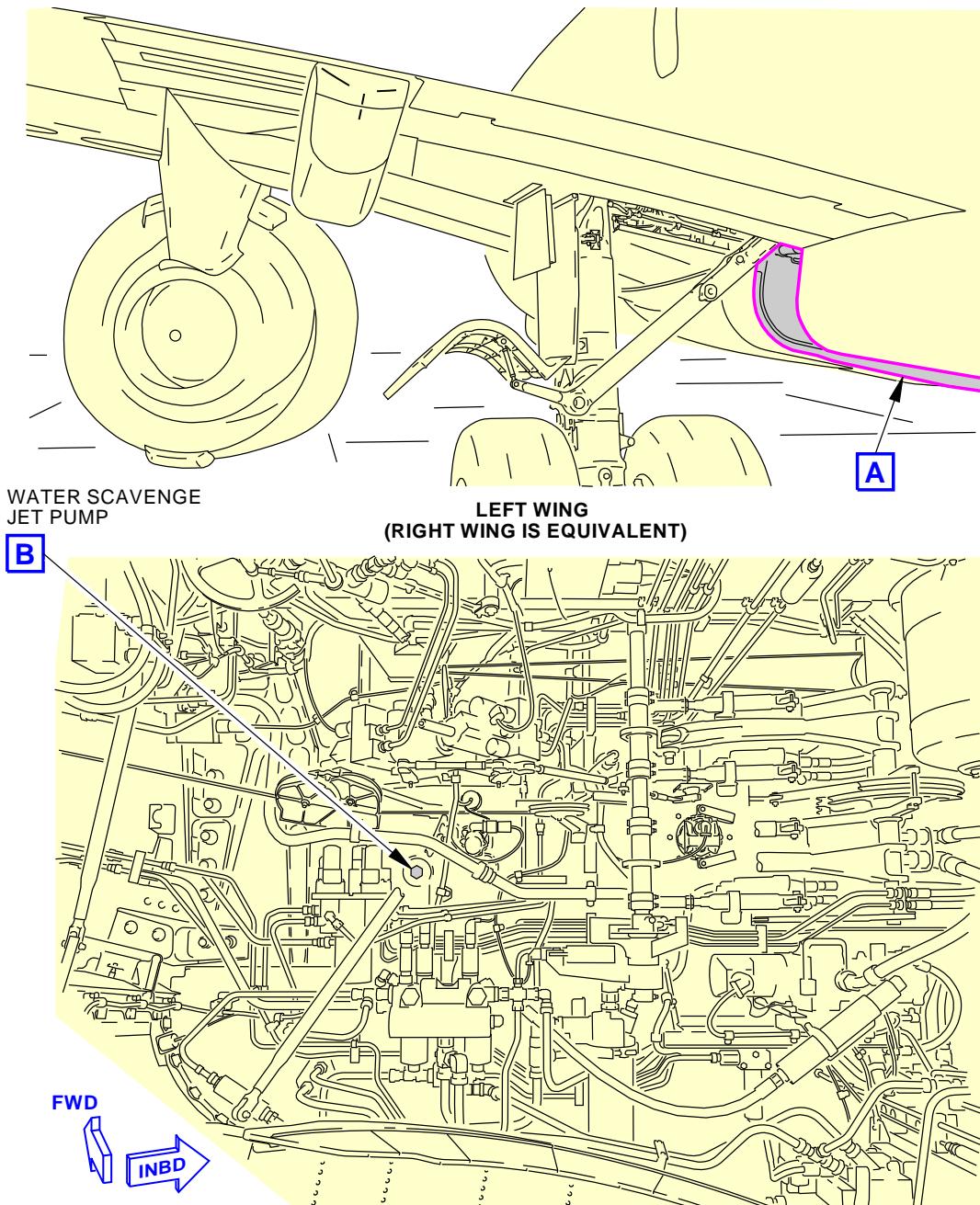
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-060-03-01

**Water Scavenging Ejector Pump Inspection
Figure 1 (Sheet 1 of 2)**

G08355 S0006571992_V2

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) THE CENTER FUEL TANK LEFT AND RIGHT WATER SCAVENGER JET PUMP
		D633A109-AKS 28-060-03-01

Page 4 of 5
Jun 15/2015

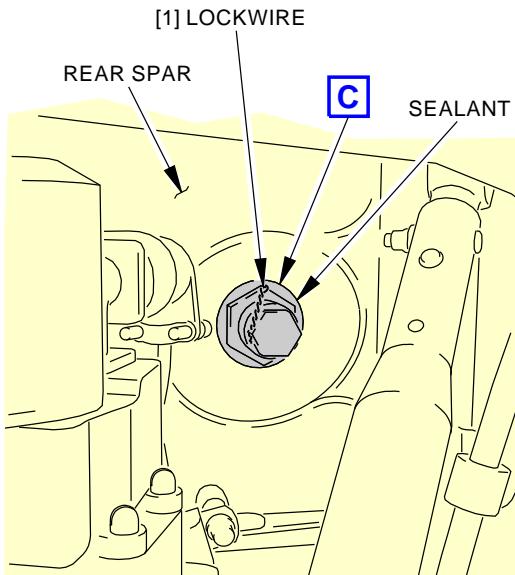
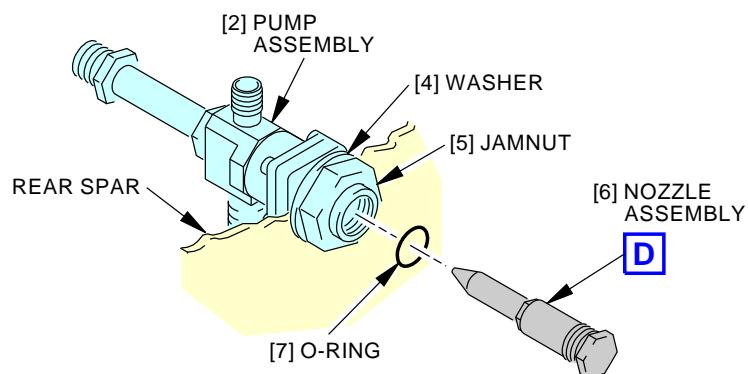
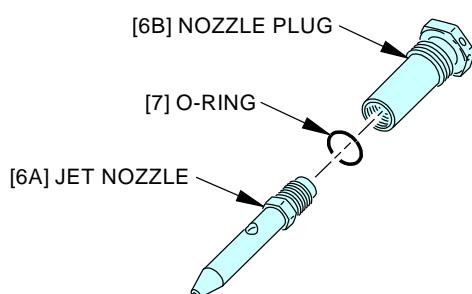
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-060-03-01**(EXAMPLE)****B****C****NOZZLE ASSEMBLY****D****Water Scavenging Ejector Pump Inspection
Figure 1 (Sheet 2 of 2)**

G08359 S0006571993_V2

EFFECTIVITY AKS ALL	SOURCE MRB	RESTORE (CLEAN) THE CENTER FUEL TANK LEFT AND RIGHT WATER SCAVENGER JET PUMP
		D633A109-AKS 28-060-03-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONALLY (PRESSURE DECAY) CHECK THE APU FUEL LINE SHROUD			BOEING CARD NO.
DATE	TASK FUNCTIONAL				28-070-00-01
TAIL NUMBER	WORK AREA LWR FUSELAGE	VERSION 1.1	THRESHOLD 12000 FH	REPEAT 12000 FH	RELATED CARD
STATION	SKILL AIRPL			APPLICABILITY AIRPLANE ALL ENGINE ALL	
		ACCESS		ZONE 145	

Functionally (pressure decay) check the APU fuel line shroud.

A. References

Reference	Title
AMM 32-00-01-480-801	Landing Gear Downlock Pins 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
SPL-1782	Hose - Test, Leak, APU Fuel Line Shroud Part #: A28005-82 Supplier: 81205 Opt Part #: A28005-42 Supplier: 81205 Opt Part #: A28005-50 Supplier: 81205
SPL-1783	Adapter - Leak Test, APU Fuel Line Shroud Part #: A28005-48 Supplier: 81205
STD-1234	Air Source - Regulated, Dry Filtered, Compressed 90-130 PSIG (6.0 CFM)

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONALLY (PRESSURE DECAY) CHECK THE APU FUEL LINE SHROUD
		D633A109-AKS 28-070-00-01

Page 1 of 3
Feb 15/2015

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-070-00-01

TASK 28-25-05-790-801

1. APU Fuel Line Shroud and Drain Line Leak Test

(Figure 1)

A. Pressurize the APU Shroud and Do a Check for Leaks

SUBTASK 28-25-05-910-001

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

- (1) If landing gear downlocks are not installed, do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.

SUBTASK 28-25-05-020-006

- (2) Install the adapter, SPL-1783 and APU fuel line shroud leak test hose, SPL-1782, on the drain mast.

SUBTASK 28-25-05-420-013

- (3) Connect the compressed (90-130 PSIG, 6.0 CFM) dry filtered regulated air source, STD-1234 to the APU fuel line shroud leak test hose, SPL-1782.

SUBTASK 28-25-05-780-001

- (4) Slowly and continuously apply pressure to the APU shroud and drain line system until the pressure is 18 psi plus or minus 1 psi (124 +/- 7 kPa).

NOTE: Make sure the pressure is stable at 18 +/- 1 psi (124 +/- 7 kPa).

- (a) Remove the air pressure source and monitor the pressure for ten (10) minutes.
 - (b) The pressure must not decrease more than 0.2 psi (1.4 kPa) during the ten minutes.

SUBTASK 28-25-05-780-002

- (5) Slowly and continuously decrease the pressure to zero.

SUBTASK 28-25-05-080-001

- (6) Do these steps to remove the test equipment:

- (a) Remove the adapter tool from the drain mast.

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONALLY (PRESSURE DECAY) CHECK THE APU FUEL LINE SHROUD
		D633A109-AKS 28-070-00-01

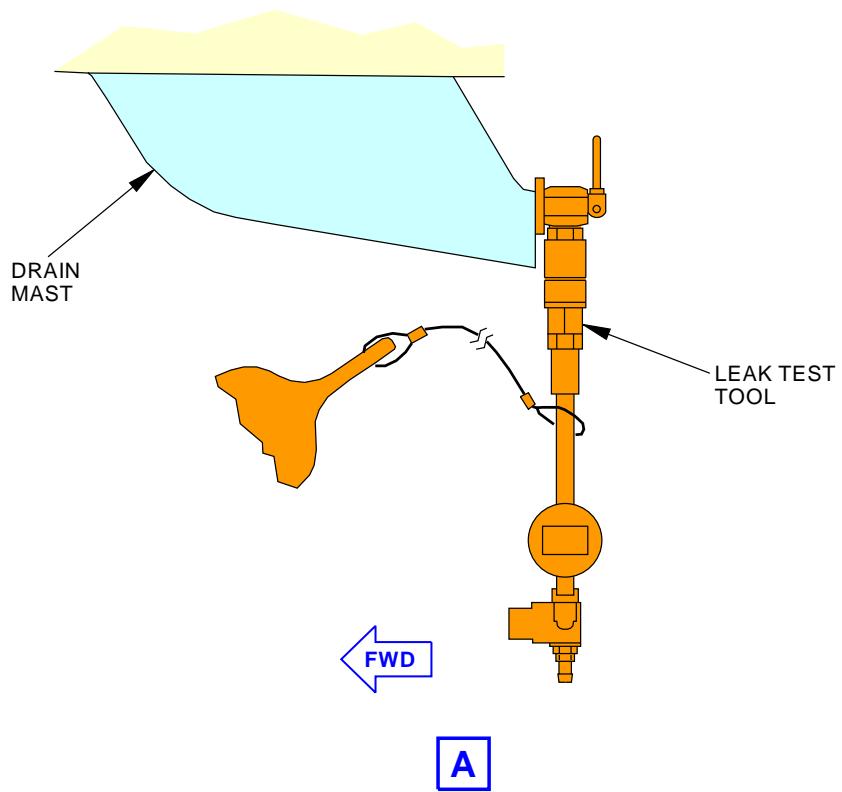
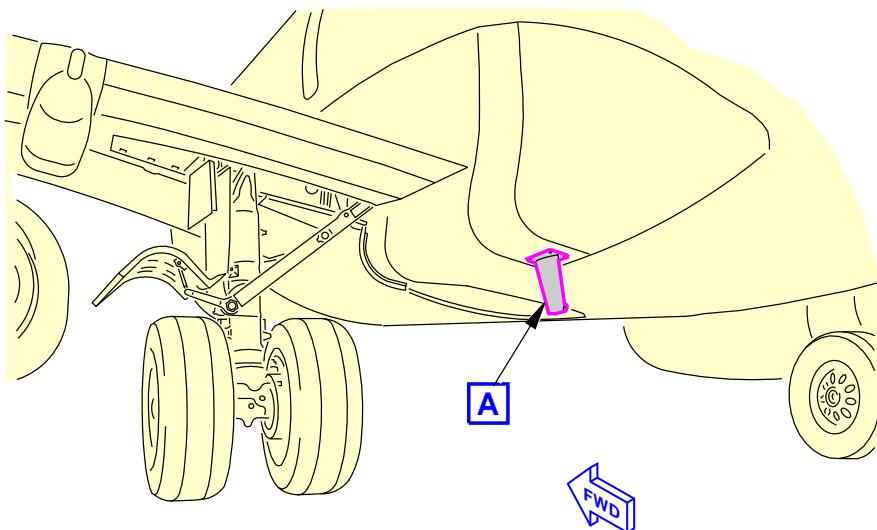
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-070-00-01

**APU Shroud Leak Test Equipment
Figure 1**

M34684 S0006572177_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONALLY (PRESSURE DECAY) CHECK THE APU FUEL
LINE SHROUD****D633A109-AKS
28-070-00-01****Page 3 of 3
Jun 15/2015**

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

AIRLINE CARD NO		TITLE OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM			BOEING CARD NO.
DATE	TASK OPERATIONAL				28-080-00-01
TAIL NUMBER	WORK AREA RIGHT WING	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY
		ACCESS 621GB			AIRPLANE ALL ENGINE ALL
					ZONE 210 632

Operationally (BITE) check the fuel quantity indicating system.

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
FIM 28-41 TASK 801	FQIS BITE Procedure

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM
		D633A109-AKS 28-080-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-080-00-01
TASK 28-41-00-710-801				MECH INSP
1. Operational Test - Fuel Quantity Indicating System				
A. General				
(1) This procedure contains: (a) A check of the load select indicators on the fueling control panel, P15. (b) A fuel quantity BITE procedure to be done from the control display unit in the flight compartment.				
B. Prepare for Checks				
SUBTASK 28-41-00-860-001 (1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811.				
C. Check of the Load Select Indicators				
(Figure 1)				
SUBTASK 28-41-00-010-001 (1) Open this access panel: Number Name/Location 621GB Refuel Access Panel - Slat Station 143.27				
SUBTASK 28-41-00-210-001 (2) Make sure the display on each load select indicator shows the quantity of fuel in each fuel tank.				
SUBTASK 28-41-00-710-001 (3) Select and hold the FUELING INDICATION TEST SWITCH on the refuel control panel in the TEST GAGES position. (a) Make sure all of the refuel quantity indicators operate correctly. <u>NOTE:</u> The test blanks the fueling indicators display for two seconds, then all LED segments go on for two seconds. This sequence continues as long as you hold the TEST SWITCH. If you hold the TEST SWITCH for more than 20 seconds, the test mode will time out and the indicator will go back to its usual operating mode. If an internal fault is found during the test, the indicator will show Ind FAIL. (b) Release the FUELING INDICATION TEST SWITCH.				
SUBTASK 28-41-00-210-002 (4) Make sure the display on each load select indicator shows the quantity of fuel in each fuel tank.				
SUBTASK 28-41-00-410-001 (5) Close this access panel: Number Name/Location 621GB Refuel Access Panel - Slat Station 143.27				

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM D633A109-AKS 28-080-00-01	Page 2 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. 28-080-00-01
				MECH INSP
D. Fuel Quantity BITE Test Procedure (Figure 2)				
SUBTASK 28-41-00-740-001				
(1) Do the BITE procedure for the FQIS				
(a) If you are not at the CDU Initial Reference Index (INIT/REF INDEX), or one of the FQIS BITE menus, then do these steps:				
1) Push the INIT REF function key. 2) If the POS INIT display shows, then push the line select key next to the INDEX prompt.				
NOTE: This makes the CDU Initial Reference Index (INIT/REF INDEX) show.				
(b) On the Control Display Unit (CDU), push the line select key next to the MAINT prompt on the CDU Initial Reference Index.				
NOTE: This brings you to the MAINT BITE INDEX.				
(c) Push the line select key next to the FQIS prompt.				
(d) Do these steps to look for maintenance messages in CURRENT STATUS:				
1) Push the line select key next to the CURRENT STATUS prompt.				
2) If there are faults shown, do the corrective action for the faults shown (FIM 28-41-00).				
a) If there is more than one page of faults in CURRENT STATUS, then use the NEXT PAGE key and the PREV PAGE key to see all of the maintenance messages.				
NOTE: The number of pages of faults in CURRENT STATUS are shown in the upper right corner of the display. If a fault shows the message FAULT NO LONGER PRESENT, then the fault was corrected while the CURRENT STATUS display was on.				
3) If NO PRESENT FAULTS shows on the CURRENT STATUS display, then continue. No current faults are found in the system.				
4) Push the line select key next to the INDEX prompt.				
NOTE: This will bring you back to the FQIS BITE TEST main menu.				
(e) Do these steps to do the FQIS ground test:				
1) Push the line select key next to the GROUND TEST prompt.				
a) Push the line select key next to the YES prompt to verify that you want to do the ground test.				
2) When the ground test is complete, the display will show GROUND TEST COMPLETE PASS or FAIL.				
3) If the display shows GROUND TEST COMPLETE PASS, then there are no faults found in the FQIS.				
NOTE: If faults show in CURRENT STATUS, then keep a record of the faults for later fault isolation of intermittent faults. The corrective action given for each fault found in CURRENT FAULTS can also be used to correct intermittent faults that occur frequently.				

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM D633A109-AKS 28-080-00-01	Page 3 of 10 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. 28-080-00-01			
				<table border="1"><tr><td>4) If the display shows GROUND TEST COMPLETE FAIL, then do the corrective action for the faults shown (FIM 28-41 TASK 801).</td><td>MECH</td><td>INSP</td></tr></table>	4) If the display shows GROUND TEST COMPLETE FAIL, then do the corrective action for the faults shown (FIM 28-41 TASK 801).	MECH	INSP
4) If the display shows GROUND TEST COMPLETE FAIL, then do the corrective action for the faults shown (FIM 28-41 TASK 801).	MECH	INSP					

- 4) If the display shows GROUND TEST COMPLETE FAIL, then do the corrective action for the faults shown (FIM 28-41 TASK 801).

- a) If there is more than one page of faults in GROUND TEST FAULTS, then use the NEXT PAGE key and the PREV PAGE key to see all of the maintenance messages.

NOTE: The number of pages of faults in GROUND TEST FAULTS are shown in the upper right corner of the display.

E. Put the Airplane Back to Its Usual Condition

SUBTASK 28-41-00-860-002

- (1) If electrical power is not necessary for other tasks, do this task: Remove Electrical Power, AMM TASK 24-22-00-860-812.

———— END OF TASK ———

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM
		D633A109-AKS 28-080-00-01

**Page 4 of 10
Jun 15/2015**

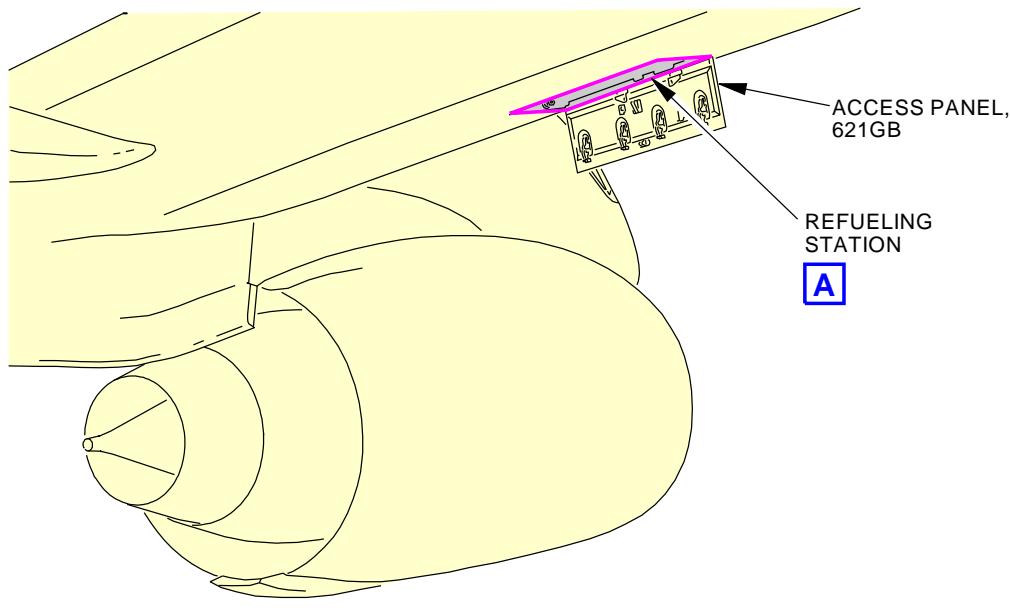
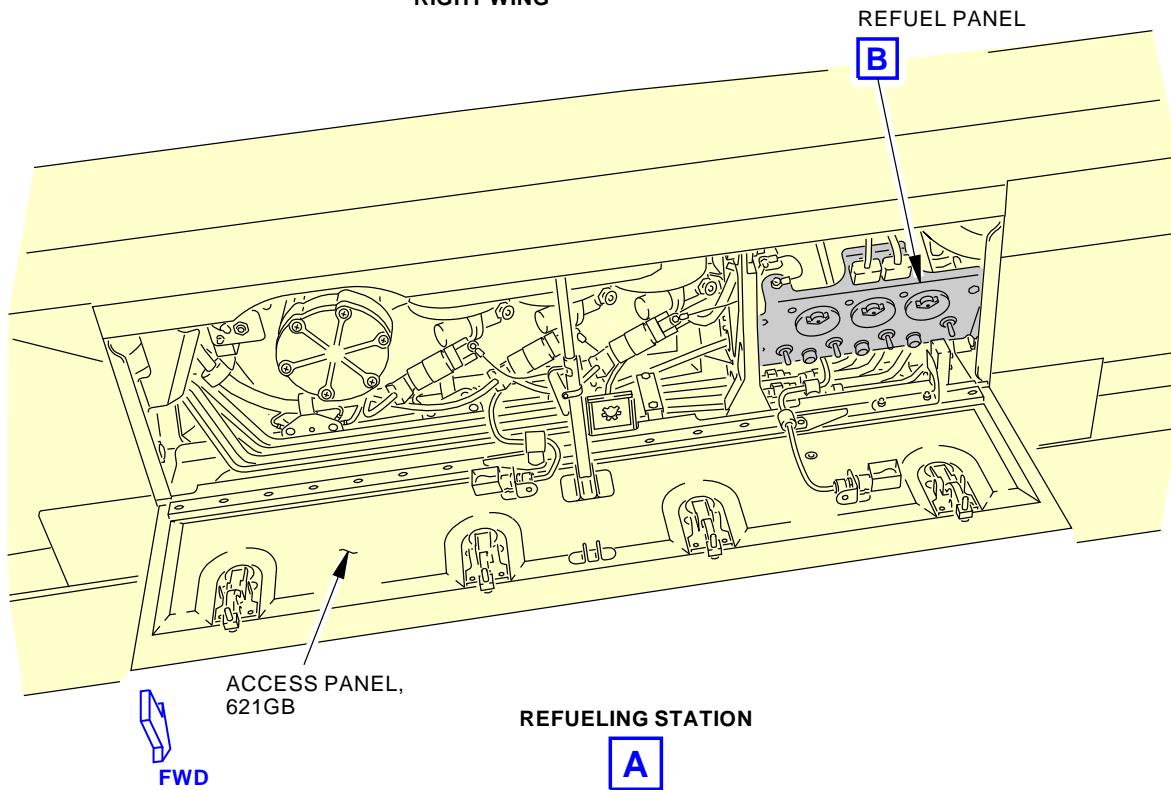
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

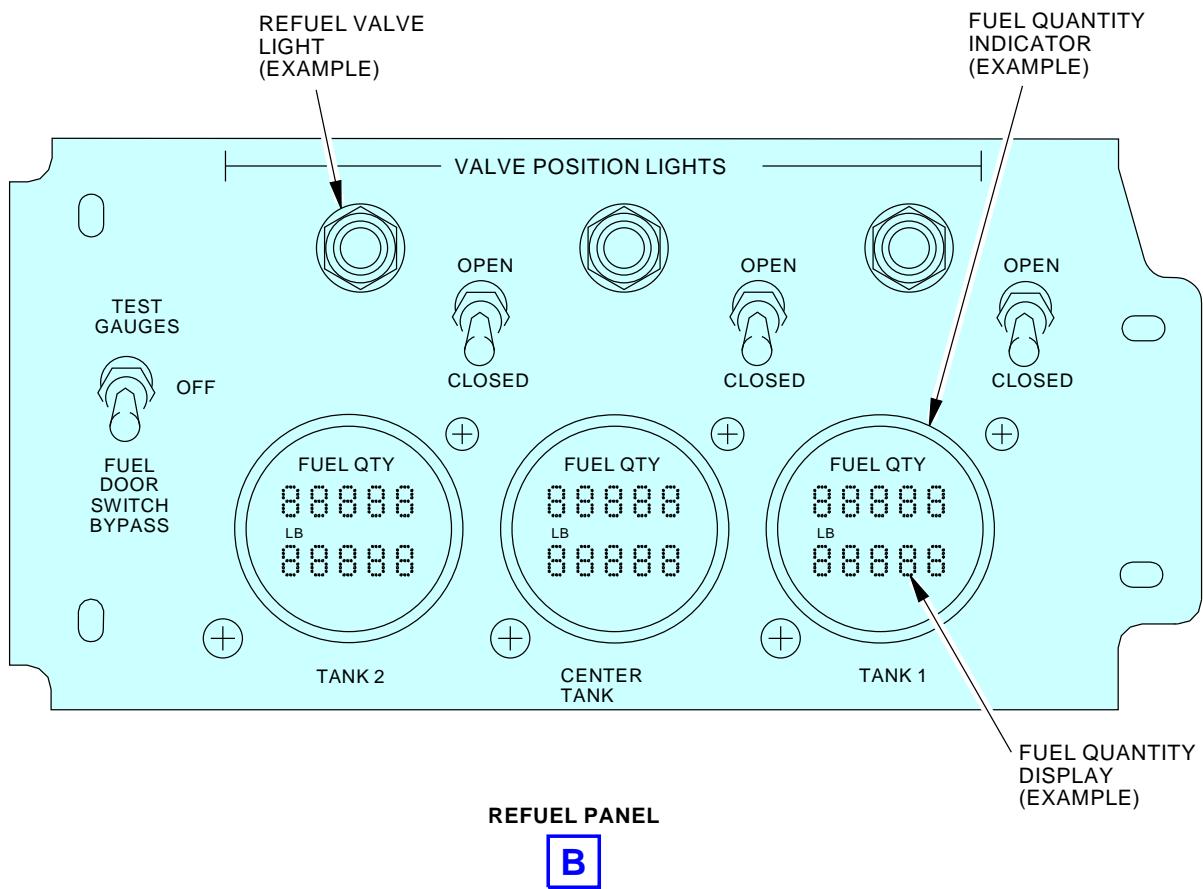
BOEING CARD NO.
28-080-00-01**RIGHT WING****Refuel Panel**
Figure 1 (Sheet 1 of 2)

G19495 S0006572235_V3

EFFECTIVITY
AKS ALLSOURCE
MRB**OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY
INDICATING SYSTEM****D633A109-AKS
28-080-00-01****Page 5 of 10
Jun 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-080-00-01



Refuel Panel
Figure 1 (Sheet 2 of 2)

G19595 S0006572236_V3

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM
		D633A109-AKS 28-080-00-01

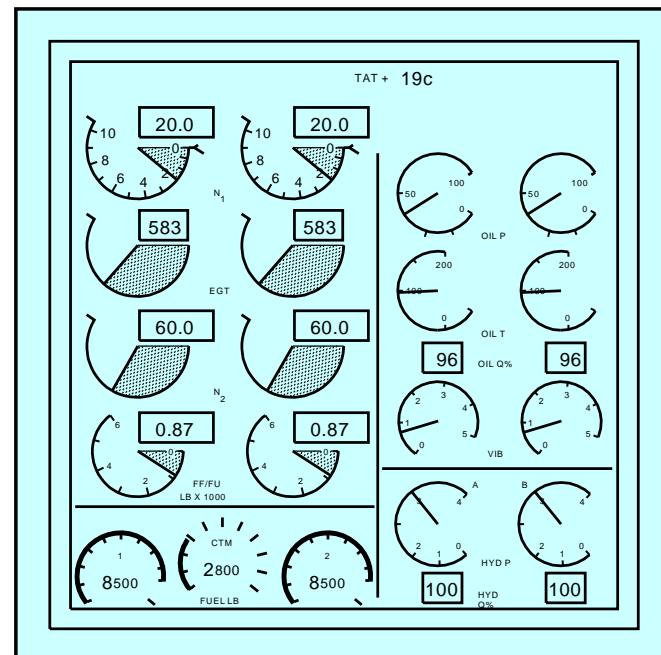
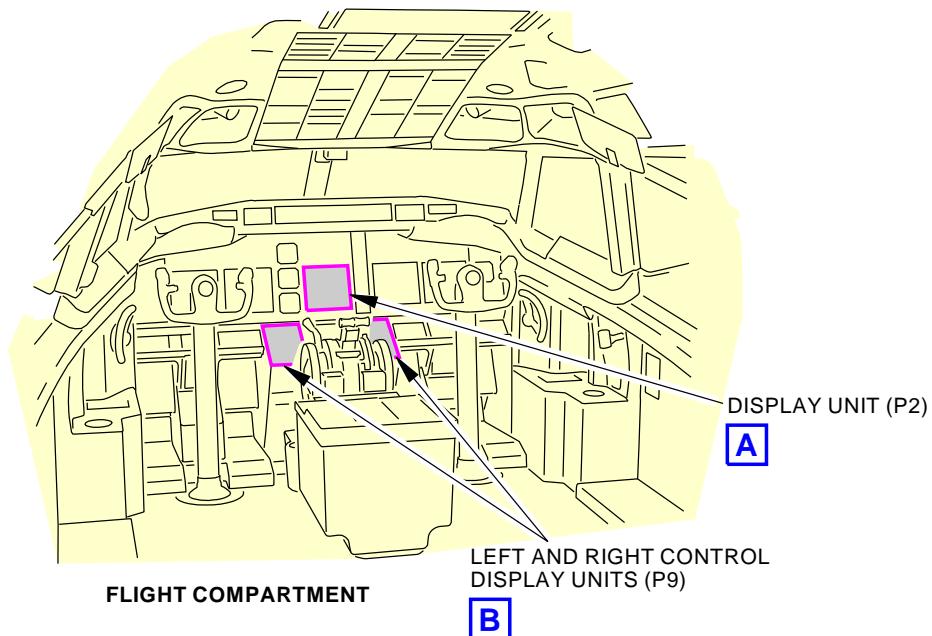
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-080-00-01**DISPLAY UNIT (P2)****A**

G19802 S0006572237_V2

**Fuel Quantity Indicating System Test
Figure 2 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM
		D633A109-AKS 28-080-00-01

**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. 28-080-00-01
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FQIS BITE TEST MAIN MENU		1/2
1L	< CURRENT STATUS	1R
2L	< INFLIGHT FAULTS/ FAULT HISTORY	2R
3L	< GROUND TEST	3R
4L	< IDENT/CONFIG	4R
5L	< INPUT MONITORING	5R
6L	< INDEX	6R
NEXT PREV		

CONTROL DISPLAY UNIT (P9)**Fuel Quantity Indicating System Test
Figure 2 (Sheet 2 of 2)**

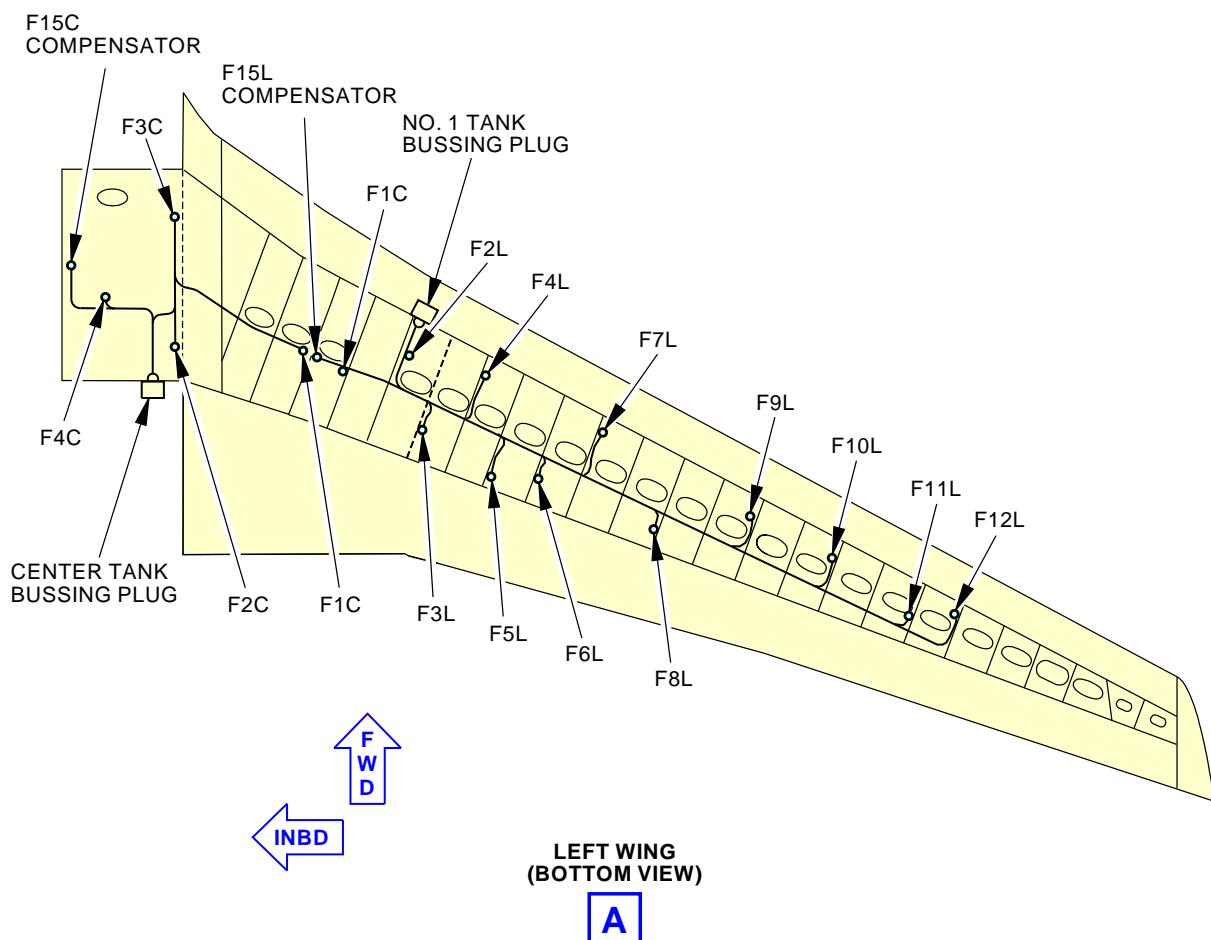
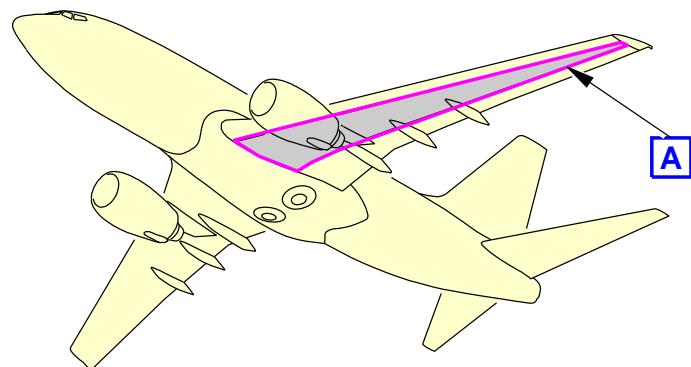
G19966 S0006572238_V2

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM
		D633A109-AKS 28-080-00-01

**Page 8 of 10
Jun 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-080-00-01
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G19971 S0006572239_V2

**Fuel Quantity Indicating System
Figure 3 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM
		D633A109-AKS 28-080-00-01

Page 9 of 10
Jun 15/2015

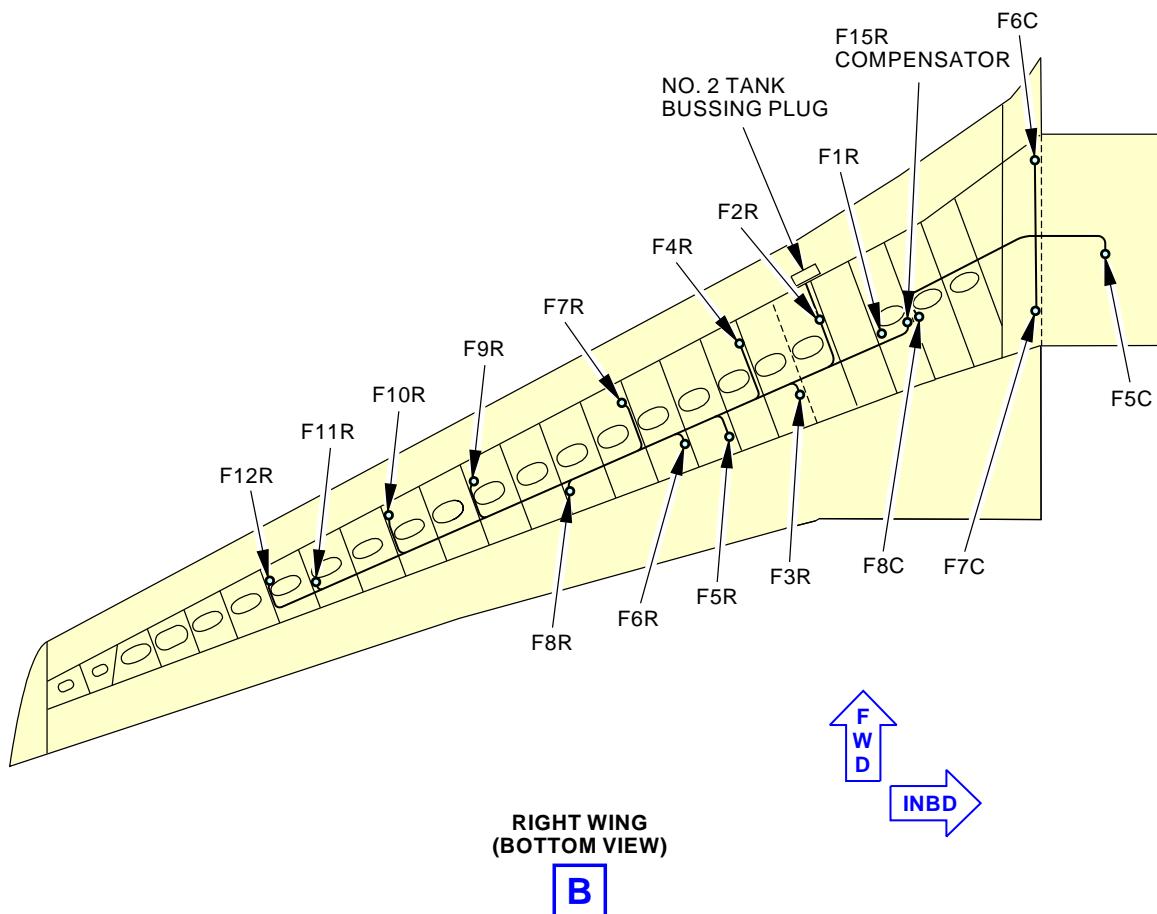
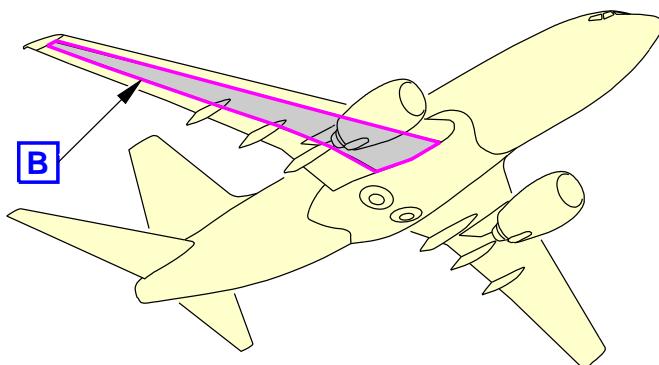
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-080-00-01

**Fuel Quantity Indicating System
Figure 3 (Sheet 2 of 2)**

G19983 S0006572240_V2

EFFECTIVITY AKS ALL	SOURCE MRB	OPERATIONALLY (BITE) CHECK THE FUEL QUANTITY INDICATING SYSTEM
		D633A109-AKS 28-080-00-01

Page 10 of 10
Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				28-090-00-01
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 131 192 511 512 513 521 531 532 611 612 613 621 631 632

Perform a detailed inspection of the out of tank wire bundles installed on specified brackets that are mounted directly on the fuel tanks.

SPECIAL NOTE: AWL task (28-AWL-29) interval for this task is 10 YR. See MPD section 9.

A. References

Reference	Title
AMM 27-81-00-080-801	Leading Edge Flap and Slat Locks Removal (P/B 201)
AMM 27-81-00-480-801	Leading Edge Flap and Slat Locks Installation (P/B 201)
AMM 27-81-00-860-803	Leading Edge Flaps and Slats Extension (P/B 201)
AMM 27-81-00-860-804	Leading Edge Flaps and Slats Retraction (P/B 201)
AMM 28-00-00-910-801	Airworthiness Limitation Precautions (P/B 201)
SWPM 20-10-11	WIRING ASSEMBLY AND INSTALLATION CONFIGURATION
SWPM 20-10-12	WIRE HARNESS SUPPORTS
SWPM 20-20-00	Electrical Bonding Processes

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-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

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES D633A109-AKS 28-090-00-01	Page 1 of 10 Feb 15/2016
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AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-090-00-01
				MECH INSP
TASK 28-22-00-200-802				
1. Out-of-Tank Wire Bundle (Installed on Fuel Tank) - Inspection				
A. General				
(1) This task has one or more steps which are a means to satisfy Airworthiness Limitation Instruction (ALI) requirements. An ALI note will follow the step to which it applies. Any step or sub-step that precedes or follows an ALI identified step is not subject to the ALI requirement.				
NOTE: This is applicable to Airworthiness Limitation 28-AWL-29.				
(2) This task has one or more steps which are a means to satisfy Critical Design Configuration Control Limitation (CDCCL) requirements. A CDCCL note will follow the step to which it applies. Any step or sub-step that precedes or follows a CDCCL identified step is not subject to the CDCCL requirement.				
(a) For important information on CDCCL requirements, refer to this task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801.				
NOTE: This is applicable to Airworthiness Limitation 28-AWL-28.				
(3) Refer to Service Bulletin 737-57A1279 for specific location information.				
B. Prepare for the Inspection				
SUBTASK 28-22-00-010-015				
(1) To get access to the wire bundles installed on the left and right front spar, do these steps:				
WARNING: KEEP ALL PERSONNEL AND EQUIPMENT CLEAR OF THE LEADING EDGE FLAPS. THE LEADING EDGE FLAPS CAN MOVE QUICKLY. THE MOVEMENT OF THE LEADING EDGE FLAPS CAN CAUSE INJURIES TO PERSONNEL OR DAMAGE TO EQUIPMENT.				
(a) Extend the leading edge flaps (AMM TASK 27-81-00-860-803).				
WARNING: MAKE SURE TO INSTALL THE LEADING EDGE FLAP AND SLAT ACTUATORS LOCKOUT SET TO PREVENT ACCIDENTAL OPERATION OF THE LEADING EDGE FLAPS AND SLATS. THE LEADING EDGE FLAPS AND SLATS CAN MOVE QUICKLY. THIS CAN CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.				
(b) Do this task: Leading Edge Flap and Slat Locks Installation, AMM TASK 27-81-00-480-801.				
(c) Remove these leading edge gap covers:				
Number Name/Location				
511BT Inboard Leading Edge, Upper Removable Access Panel				
611BT Inboard Leading Edge, Upper Removable Access Panel				
SUBTASK 28-22-00-010-016				
(2) To get access to the wire bundles installed in the equipment cooling system (ECS) bay, do this step:				

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES
		D633A109-AKS 28-090-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-090-00-01
(a) Open these access doors: Number Name/Location				MECH INSP
192CL ECS Access Door 192CR ECS Access Door				
C. Out-of-Tank Wire Bundle (Installed on Fuel Tank) Inspection				
SUBTASK 28-22-00-211-001				
 28-AWL-29: ALI				
(1) Do a detailed inspection on the out-of-tank wire bundles installed on brackets that are installed (mounted) directly on fuel tanks.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-29.				
 28-AWL-29: ALI				
 28-AWL-28: CDCCL				
(a) For the wire bundle brackets installed directly on the wing front spar, do these steps:				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.				
 28-AWL-29: ALI				
 28-AWL-28: CDCCL				
1) Make sure the full cushion clamp is:				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.				

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES	
		D633A109-AKS 28-090-00-01	Page 3 of 10 Oct 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-090-00-01
				MECH INSP
				<p>► 28-AWL-29: ALI</p> <p>► 28-AWL-28: CDCCL</p> <p>a) Installed around the wire bundle,</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.</p> <p>► 28-AWL-29: ALI</p> <p>► 28-AWL-28: CDCCL</p> <p>b) Not damaged.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.</p> <p>► 28-AWL-29: ALI</p> <p>► 28-AWL-28: CDCCL</p> <p>(b) For the wire bundle brackets installed directly on fuel tank on stringers in the left ECS bay, do these steps:</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.</p>

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES	
		D633A109-AKS 28-090-00-01	Page 4 of 10 Oct 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-090-00-01	
				MECH INSP	
		<p>28-AWL-29: ALI</p> <p>28-AWL-28: CDCCL</p> <p>1) Make sure the full cushion clamp is:</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.</p> <p>28-AWL-29: ALI</p> <p>28-AWL-28: CDCCL</p> <p>a) Installed around the wire bundle,</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.</p> <p>28-AWL-29: ALI</p> <p>28-AWL-28: CDCCL</p> <p>b) Not damaged.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.</p>			

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES	
		D633A109-AKS 28-090-00-01	Page 5 of 10 Oct 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-090-00-01
				MECH INSP

► 28-AWL-29: ALI**► 28-AWL-28: CDCCL**

- (c) For the wire bundle brackets installed directly on fuel tank on stringers in the right ECS bay, do these steps:

NOTE: ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).

NOTE: CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).

NOTE: This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.

► 28-AWL-29: ALI**► 28-AWL-28: CDCCL**

- 1) Make sure the full cushion clamp is:

NOTE: ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).

NOTE: CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).

NOTE: This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.

► 28-AWL-29: ALI**► 28-AWL-28: CDCCL**

- a) Installed around the wire bundle,

NOTE: ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).

NOTE: CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).

NOTE: This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.

**EFFECTIVITY
AKS ALL****SOURCE
ALI****DETAILED INSPECTION OF THE OUT OF TANK WIRE
BUNDLES****D633A109-AKS
28-090-00-01****Page 6 of 10
Oct 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-090-00-01
				MECH INSP
		<p>28-AWL-29: ALI</p> <p>28-AWL-28: CDCCL</p> <p>b) Not damaged.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-28 and 28-AWL-29.</p>		

SUBTASK 28-22-00-960-002

- (2) If you found a problem, replace the full cushion clamp (SWPM 20-10-11, SWPM 20-10-12).

SUBTASK 28-22-00-211-002

28-AWL-28: CDCCL

- (3) If any of these brackets installed (mounted) on the fuel tank are removed and installed or replaced, do these steps:

NOTE: CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).

NOTE: This is applicable to Airworthiness Limitation 28-AWL-28.

28-AWL-28: CDCCL

- (a) Make sure a fay sealed fay surface bond is installed between the mating surfaces of the bracket and the structure (SWPM 20-20-00).

NOTE: CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).

NOTE: This is applicable to Airworthiness Limitation 28-AWL-28.

28-AWL-28: CDCCL

- (b) Measure the electrical bonding resistance between the bracket and the structure (SWPM 20-20-00):

NOTE: CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).

NOTE: This is applicable to Airworthiness Limitation 28-AWL-28.

- 1) Use an intrinsically safe approved bonding meter, COM-1550.

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES
		D633A109-AKS 28-090-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-090-00-01
				MECH INSP
		28-AWL-28: CDCCL		
2)	Make sure the electrical bonding resistance is 0.0005 ohm (0.5 milliohm) or less.			
	<u>NOTE:</u> CDCCL - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important information on Critical Design Configuration Control Limitations (CDCCLs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-28.			
D. Put the Airplane Back to Its Usual Position				
SUBTASK 28-22-00-410-008				
(1)	Close these access doors, if applicable:			
	<u>Number</u> <u>Name/Location</u>			
192CL	ECS Access Door			
192CR	ECS Access Door			
SUBTASK 28-22-00-860-170				
(2)	Install the leading edge gap cover(s), if applicable:			
	<u>Number</u> <u>Name/Location</u>			
511BT	Inboard Leading Edge, Upper Removable Access Panel			
611BT	Inboard Leading Edge, Upper Removable Access Panel			
SUBTASK 28-22-00-860-171				
<u>WARNING:</u> REMOVE THE LOCK FROM LEADING EDGE FLAP ACTUATOR CAREFULLY TO PREVENT ACCIDENTAL OPERATION OF THE LEADING EDGE FLAPS. THE LEADING EDGE FLAPS CAN MOVE QUICKLY. THIS CAN CAUSE INJURIES TO PERSONNEL, AND DAMAGE TO EQUIPMENT.				
(3)	Do this task: Leading Edge Flap and Slat Locks Removal, AMM TASK 27-81-00-080-801, if applicable.			
SUBTASK 28-22-00-860-172				
<u>WARNING:</u> KEEP ALL PERSONNEL AND EQUIPMENT CLEAR OF THE LEADING EDGE FLAPS. THE LEADING EDGE FLAPS CAN MOVE QUICKLY. THE MOVEMENT OF THE LEADING EDGE FLAPS CAN CAUSE INJURIES TO PERSONNEL OR DAMAGE TO EQUIPMENT.				
(4)	Retract the leading edge flaps, if applicable (AMM TASK 27-81-00-860-804).			
— END OF TASK —				

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES
		D633A109-AKS 28-090-00-01

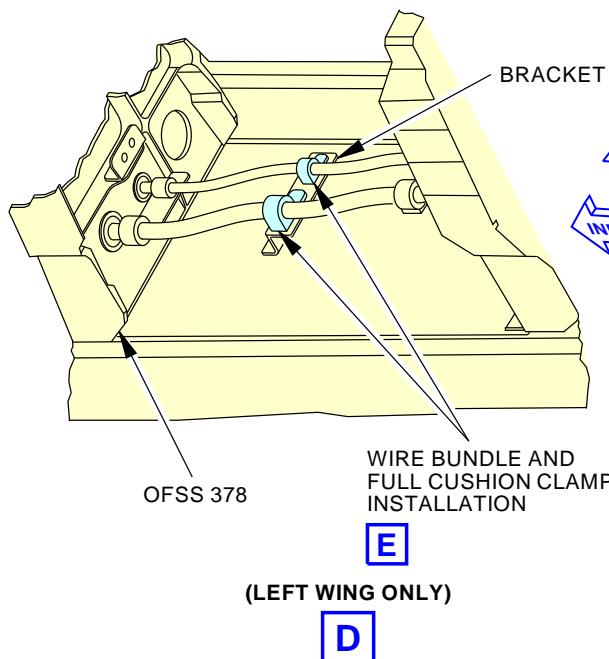
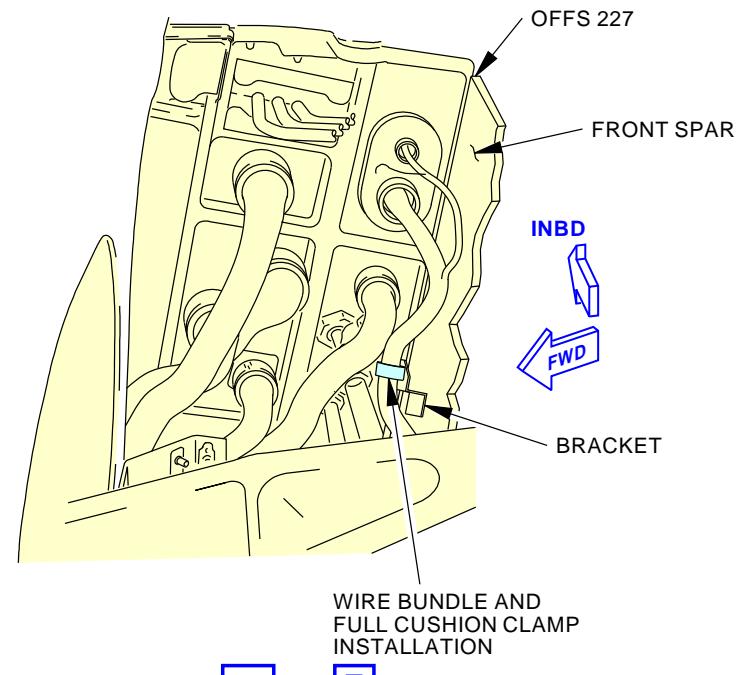
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-090-00-01

2404910 S0000555967_V2

**Out-of-Tank Wire Bundle - Front Spar
Figure 1**

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES
		D633A109-AKS 28-090-00-01

Page 9 of 10
Jun 15/2016

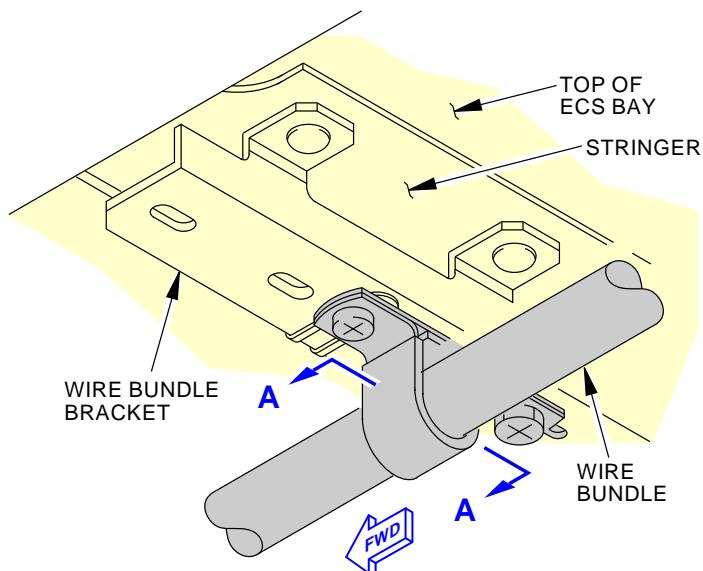
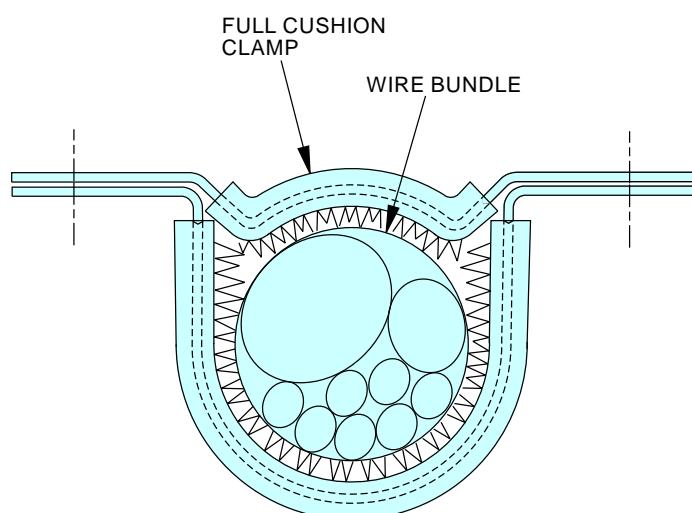
AKS**737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-090-00-01**WIRE BUNDLE AND FULL CUSHION CLAMP INSTALLATION
(EXAMPLE)****A-A****Out-of-Tank Wire Bundle - ECS Bay
Figure 2**

2404926 S0000555969_V1

EFFECTIVITY AKS ALL	SOURCE ALI	DETAILED INSPECTION OF THE OUT OF TANK WIRE BUNDLES
		D633A109-AKS 28-090-00-01

**Page 10 of 10
Oct 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE CENTER TANK BOOST PUMP AUTO SHUTOFF TEST			BOEING CARD NO.
DATE	TASK FUNCTIONAL				28-115-00-01
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 1 YR	REPEAT 1 YR	RELATED CARD
STATION	SKILL AIRPL	NOTE			APPLICABILITY AIRPLANE ALL ENGINE ALL NOTE
		ACCESS			ZONE 117 118 211 212

Functionally check the center tank boost pump auto shutoff system.

SPECIAL NOTE: AWL task (28-AWL-19) interval for this task is 1 YR. See MPD section 9.

INTERVAL NOTE: 1 YR interval is from 28-AWL-19. MSG-3 interval is 4 years or 15000 hours, whichever comes first.

AIRPLANE NOTE: Applicable to airplane line numbers 1494 and on, and operators that have incorporated Boeing Service Bulletin 737-28A1206.

A. References

Reference	Title
AMM 12-11-00-650-802	Pressure Refuel Procedure (P/B 301)
AMM 24-22-00-860-813	Supply External Power (P/B 201)
AMM 28-00-00-910-801	Airworthiness Limitation Precautions (P/B 201)
AMM 34-21-00-040-801	Air Data Inertial Reference System - Deactivation (P/B 201)
AMM 49-11-00-860-801	APU Starting and Operation - Activation (P/B 201)
AMM 49-11-00-860-802	APU Usual Shutdown (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
STD-836	Stopwatch

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01																												
				MECH INSP																												
TASK 28-22-00-720-805																																
1. Center Tank Boost Pump Auto Shutoff Functional Test (Figure 2, Figure 1)																																
A. General <ol style="list-style-type: none"> (1) This task has one or more steps which are a means to satisfy Airworthiness Limitation Instruction (ALI) requirements. An ALI note will follow the step to which it applies. Any step or sub-step that precedes or follows an ALI identified step is not subject to the ALI requirement. <p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.</p> <ol style="list-style-type: none"> (2) If it is not possible to do the Auto Shutoff Functional Test with APU power, do these procedures: <ol style="list-style-type: none"> (a) Alternative Auto Shutoff Functional Test for the Left Center Boost Pump (b) Alternative Auto Shutoff Functional Test for the Right Center Boost Pump 																																
B. Prepare to Do the Functional Test																																
<small>SUBTASK 28-22-00-865-001</small> <ol style="list-style-type: none"> (1) Make sure that these circuit breakers are closed: 																																
F/O Electrical System Panel, P6-3 <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>12</td><td>C00132</td><td>MASTER CAUTION ANNUNCIATOR BUS 1</td></tr> <tr> <td>B</td><td>13</td><td>C00131</td><td>MASTER CAUTION ANNUNCIATOR BAT</td></tr> <tr> <td>C</td><td>3</td><td>C01637</td><td>BOOST PMP CTR TNK L AUTO SHUT OFF-DC</td></tr> <tr> <td>C</td><td>7</td><td>C01638</td><td>BOOST PMP CTR TNK R AUTO SHUT OFF-DC</td></tr> <tr> <td>E</td><td>11</td><td>C00313</td><td>INDICATOR MASTER DIM SECT 1</td></tr> <tr> <td>F</td><td>12</td><td>C00318</td><td>INDICATOR MASTER DIM SECT 6</td></tr> </tbody> </table>					<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	C	3	C01637	BOOST PMP CTR TNK L AUTO SHUT OFF-DC	C	7	C01638	BOOST PMP CTR TNK R AUTO SHUT OFF-DC	E	11	C00313	INDICATOR MASTER DIM SECT 1	F	12	C00318	INDICATOR MASTER DIM SECT 6
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C	7	C01638	BOOST PMP CTR TNK R AUTO SHUT OFF-DC																													
E	11	C00313	INDICATOR MASTER DIM SECT 1																													
F	12	C00318	INDICATOR MASTER DIM SECT 6																													
Power Distribution Panel Number 1, P91 <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>D</td><td>5</td><td>C00845</td><td>FUEL BOOST PUMP CTR TANK LEFT</td></tr> </tbody> </table>					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	D	5	C00845	FUEL BOOST PUMP CTR TANK LEFT																				
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D	5	C00845	FUEL BOOST PUMP CTR TANK LEFT																													
Power Distribution Panel Number 2, P92 <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>D</td><td>5</td><td>C00846</td><td>FUEL BOOST PUMP CTR TANK RIGHT</td></tr> </tbody> </table>					<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	D	5	C00846	FUEL BOOST PUMP CTR TANK RIGHT																				
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D	5	C00846	FUEL BOOST PUMP CTR TANK RIGHT																													
<small>SUBTASK 28-22-00-040-001</small> <ol style="list-style-type: none"> (2) Make sure the ADIRU system is turned OFF before starting the test to prevent the crew call horn from sounding. Do this task: AMM TASK 34-21-00-040-801. 																																
<small>SUBTASK 28-22-00-860-085</small> <ol style="list-style-type: none"> (3) Make sure the FUEL PUMP CTR TANK - LEFT and FUEL PUMP CTR TANK - RIGHT switches, on the P5 Overhead Panel, are in the OFF position. <p><u>NOTE:</u> This will reset the auto shutoff circuit.</p>																																
<small>SUBTASK 28-22-00-651-001</small> <ol style="list-style-type: none"> (4) Make sure there is a minimum of 2000 lb (907 kg) of fuel in the center fuel tank. 																																
EFFECTIVITY AKS ALL		SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST D633A109-AKS 28-115-00-01																													
Page 2 of 20 Jun 15/2016																																

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
(a) To refuel the fuel tank (if it is necessary), do this task: Pressure Refuel Procedure, AMM TASK 12-11-00-650-802.				MECH INSP
C. Auto Shutoff Functional Test for the Left Center Boost Pump				
<u>NOTE:</u> This test requires APU power. If you do this test for the left center boost pump, you do not have to do the Alternative Auto Shutoff Functional Test for the Left Center Boost Pump.				
SUBTASK 28-22-00-860-131				
(1) If the APU is not operating, do this task: APU Starting and Operation - Activation, AMM TASK 49-11-00-860-801.				
SUBTASK 28-22-00-720-032				
(2) Put the GRD PWR switch, on the P5 Overhead Panel, to the OFF position.				
SUBTASK 28-22-00-720-033				
(3) Put the APU GEN (left) switch, on the P5 Overhead Panel, to the ON position.				
SUBTASK 28-22-00-720-034				
(4) Put the BUS TRANS switch, on the P5 Overhead Panel, to the OFF position.				
(a) Make sure the 2 TRANSFER BUS OFF light is on.				
(b) Make sure the 1 TRANSFER BUS OFF light is off.				
SUBTASK 28-22-00-720-003				
 28-AWL-19: ALI				
(5) Put the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, to the ON position.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-004				
 28-AWL-19: ALI				
(6) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch goes off.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-005				
(7) Put and hold, for 1 to 5 seconds, the test switch, S1, on the P61-8 Fuel Test Panel to the L AUTO SHUTOFF position and then release it.				
SUBTASK 28-22-00-720-006				
(8) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, stays off.				

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
	SUBTASK 28-22-00-720-007			
	 28-AWL-19: ALI			
(9)	Start a stopwatch, STD-836, as you put and hold the test switch, S1, on the P61-8 panel to the L AUTO SHUTOFF position.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-008			
	 28-AWL-19: ALI			
(10)	When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), stop the stopwatch, STD-836, and release the test switch, S1, on the P61-8 panel.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-009			
	 28-AWL-19: ALI			
(11)	Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, stays on.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-010			
	 28-AWL-19: ALI			
(12)	Make sure the stopwatch, STD-836, shows 15 ± 2 seconds.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-280-003			
	 28-AWL-19: ALI			
(13)	Listen and make sure the left center boost pump does not operate.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			

EFFECTIVITY
AKS ALLSOURCE
ALI**CENTER TANK BOOST PUMP AUTO SHUTOFF TEST****D633A109-AKS
28-115-00-01****Page 4 of 20
Feb 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
SUBTASK 28-22-00-720-011				
(14) Put the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, to the OFF position.				
SUBTASK 28-22-00-720-036				
(15) Put the APU GEN (right) switch, on the P5 Overhead Panel, to the ON position.				
(a) Make sure the 2 TRANSFER BUS OFF light is off.				
(b) Make sure the 1 TRANSFER BUS OFF light is off.				
SUBTASK 28-22-00-720-035				
(16) Put the BUS TRANS switch, on the P5 Overhead Panel, to the AUTO position.				
(a) Make sure the 2 TRANSFER BUS OFF light is off.				
(b) Make sure the 1 TRANSFER BUS OFF light is off.				
SUBTASK 28-22-00-720-052				
(17) Put the APU GEN (right) switch, on the P5 Overhead Position, to the OFF position				
SUBTASK 28-22-00-720-053				
(18) Put the APU GEN (left) switch, on the P5 Overhead Position, to the OFF position				
D. Alternative Auto Shutoff Functional Test for the Left Center Boost Pump				
<u>NOTE:</u> This test requires ground power. If you do this test for the left center boost pump, you do not have to do the Auto Shutoff Functional Test for the Left Center Boost Pump.				
SUBTASK 28-22-00-860-151				
(1) Do this task: Supply External Power, AMM TASK 24-22-00-860-813.				
SUBTASK 28-22-00-720-037				
(2) Put the GRD PWR switch, on the P5 Overhead Panel, to the ON position.				
SUBTASK 28-22-00-860-125				
(3) Make sure that these circuit breakers are closed:				
Power Distribution Panel Number 1, P91				
Row	Col	Number	Name	
F	5	C03002	XFR BUS 1 SECT 2	
F	6	C00815	MAIN BUS 1	
SUBTASK 28-22-00-860-126				
(4) Open these circuit breakers and install safety tags:				
Power Distribution Panel Number 2, P92				
Row	Col	Number	Name	
F	5	C03012	XFR BUS 2 SECT 2	
F	6	C00817	MAIN BUS 2	
EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST		
		D633A109-AKS		
		28-115-00-01		
Page 5 of 20 Feb 15/2015				

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
SUBTASK 28-22-00-720-057				
► 28-AWL-19: ALI				
(5) Put the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, to the ON position.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-058				
► 28-AWL-19: ALI				
(6) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch goes off.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-059				
(7) Put and hold, for 1 to 5 seconds, the test switch, S1, on the P61-8 Fuel Test Panel to the L AUTO SHUTOFF position and then release it.				
SUBTASK 28-22-00-720-060				
(8) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, stays off.				
SUBTASK 28-22-00-720-061				
► 28-AWL-19: ALI				
(9) Start a stopwatch, STD-836, as you put and hold the test switch, S1, on the P61-8 panel to the L AUTO SHUTOFF position.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-062				
► 28-AWL-19: ALI				
(10) When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), stop the stopwatch, STD-836, and release the test switch, S1, on the P61-8 panel.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
	SUBTASK 28-22-00-720-063			
	28-AWL-19: ALI			
(11)	Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, stays on.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-064			
	28-AWL-19: ALI			
(12)	Make sure the stopwatch, STD-836, shows 15 ± 2 seconds.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-065			
	28-AWL-19: ALI			
(13)	Put the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, to the OFF position.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-280-006			
	28-AWL-19: ALI			
(14)	Listen and make sure the left center boost pump does not operate.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-038			
(15)	Put the GRD PWR switch, on the P5 Overhead Panel, to the OFF position.			
	SUBTASK 28-22-00-860-127			
(16)	Remove the safety tags and close these circuit breakers:			
	Power Distribution Panel Number 2, P92			
	Row	Col	Number	Name
	F	5	C03012	XFR BUS 2 SECT 2
	F	6	C00817	MAIN BUS 2
	EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST	
			D633A109-AKS 28-115-00-01	Page 7 of 20 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
E. Auto Shutoff Functional Test for the Right Center Boost Pump				
<p><u>NOTE:</u> This test requires APU power. If you do this test for the right center boost pump, you do not have to do the Alternative Auto Shutoff Functional Test for the Right Center Boost Pump.</p>				
SUBTASK 28-22-00-860-132				
(1) If the APU is not operating, do this task: APU Starting and Operation - Activation, AMM TASK 49-11-00-860-801.				
SUBTASK 28-22-00-720-039				
(2) Put the APU GEN (right) switch, on the P5 Overhead Panel, to the ON position.				
SUBTASK 28-22-00-720-040				
(3) Put the BUS TRANS switch, on the P5 Overhead Panel, to the OFF position.				
(a) Make sure the 1 TRANSFER BUS OFF light is on.				
(b) Make sure the 2 TRANSFER BUS OFF light is off.				
SUBTASK 28-22-00-720-012				
 28-AWL-19: ALI				
(4) Put the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, to the ON position.				
<p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p>				
<p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.</p>				
SUBTASK 28-22-00-720-013				
 28-AWL-19: ALI				
(5) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch goes off.				
<p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p>				
<p><u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.</p>				
SUBTASK 28-22-00-720-014				
(6) Put and hold, for 1 to 5 seconds, the test switch, S2, on the P61-8 Fuel Test Panel to the R AUTO SHUTOFF position and then release it.				
SUBTASK 28-22-00-720-015				
(7) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, stays off.				

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
SUBTASK 28-22-00-720-016				
► 28-AWL-19: ALI				
(8) Start a stopwatch, STD-836, as you put and hold the test switch, S2, on the P61-8 panel in the R AUTO SHUTOFF position.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-017				
► 28-AWL-19: ALI				
(9) When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), stop the stopwatch, STD-836, and release the test switch, S2, on the P61-8 panel.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-018				
► 28-AWL-19: ALI				
(10) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, stays on.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-019				
► 28-AWL-19: ALI				
(11) Make sure the stopwatch, STD-836, shows 15 ± 2 seconds.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-280-004				
► 28-AWL-19: ALI				
(12) Listen and make sure the right center boost pump does not operate.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST		
		D633A109-AKS 28-115-00-01		
				Page 9 of 20 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
SUBTASK 28-22-00-720-020				
(13) Put the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, to the OFF position.				
SUBTASK 28-22-00-720-054				
(14) Put the APU GEN (left) switch, on the P5 Overhead Panel, to the ON position.				
(a) Make sure the 2 TRANSFER BUS OFF light is off.				
(b) Make sure the 1 TRANSFER BUS OFF light is off.				
SUBTASK 28-22-00-720-041				
(15) Put the BUS TRANS switch, on the P5 Overhead Panel, to the AUTO position.				
(a) Make sure the 1 TRANS BUS OFF light is off.				
(b) Make sure the 2 TRANS BUS OFF light is off.				
SUBTASK 28-22-00-720-055				
(16) Put the APU GEN (right) switch, on the P5 Overhead Position, to the OFF position				
SUBTASK 28-22-00-720-056				
(17) Put the APU GEN (left) switch, on the P5 Overhead Position, to the OFF position				
F. Alternative Auto Shutoff Functional Test for the Right Center Boost Pump				
<u>NOTE:</u> This test requires ground power. If you do this test for the right center boost pump, you do not have to do the Auto Shutoff Functional Test for the Right Center Boost Pump.				
SUBTASK 28-22-00-860-152				
(1) Do this task: Supply External Power, AMM TASK 24-22-00-860-813.				
SUBTASK 28-22-00-720-043				
(2) Put the GRD PWR switch, on the P5 Overhead Panel, to the ON position.				
SUBTASK 28-22-00-860-128				
(3) Make sure that these circuit breakers are closed:				
Power Distribution Panel Number 2, P92				
Row	Col	Number	Name	
F	5	C03012	XFR BUS 2 SECT 2	
F	6	C00817	MAIN BUS 2	
SUBTASK 28-22-00-860-129				
(4) Open these circuit breakers and install safety tags:				
Power Distribution Panel Number 1, P91				
Row	Col	Number	Name	
F	5	C03002	XFR BUS 1 SECT 2	
F	6	C00815	MAIN BUS 1	

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
	SUBTASK 28-22-00-720-066			
	► 28-AWL-19: ALI			
(5)	Put the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, to the ON position.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-067			
	► 28-AWL-19: ALI			
(6)	Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch goes off.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-068			
(7)	Put and hold, for 1 to 5 seconds, the test switch, S2, on the P61-8 Fuel Test Panel to the R AUTO SHUTOFF position and then release it.			
	SUBTASK 28-22-00-720-069			
(8)	Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, stays off.			
	SUBTASK 28-22-00-720-070			
	► 28-AWL-19: ALI			
(9)	Start a stopwatch, STD-836, as you put and hold the test switch, S2, on the P61-8 panel in the R AUTO SHUTOFF position.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			
	SUBTASK 28-22-00-720-071			
	► 28-AWL-19: ALI			
(10)	When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), stop the stopwatch, STD-836, and release the test switch, S2, on the P61-8 panel.			
	<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).			
	<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.			

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
SUBTASK 28-22-00-720-072				MECH INSP
28-AWL-19: ALI				
(11) Make sure the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, stays on.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-073				
28-AWL-19: ALI				
(12) Make sure the stopwatch, STD-836, shows 15 ± 2 seconds.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-074				
28-AWL-19: ALI				
(13) Put the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, to the OFF position.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-280-007				
28-AWL-19: ALI				
(14) Listen and make sure the right center boost pump does not operate.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-19.				
SUBTASK 28-22-00-720-044				
(15) Put the GRD PWR switch, on the P5 Overhead Panel, to the OFF position.				
SUBTASK 28-22-00-860-130				
(16) Remove the safety tags and close these circuit breakers:				
Power Distribution Panel Number 1, P91				
<u>Row</u> <u>Col</u> <u>Number</u> <u>Name</u>				
F 5 C03002 XFR BUS 1 SECT 2				
F 6 C00815 MAIN BUS 1				
EFFECTIVITY AKS ALL		SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST	
			D633A109-AKS 28-115-00-01	
Page 12 of 20 Feb 15/2015				

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
G. Master Caution Functional Test for the Center Tank Boost Pumps Auto Shutoff				MECH INSP
<u>NOTE:</u> This test requires APU power. If you do this test for the center boost pumps, you do not have to do the Alternative Master Caution Functional Test for the Center Tank Boost Pumps Auto Shutoff.				
SUBTASK 28-22-00-720-045				
(1) Put the APU GEN (left) switch, on the P5 Overhead Panel, to the ON position				
SUBTASK 28-22-00-720-046				
(2) Put the APU GEN (right) switch, on the P5 Overhead Panel, to the ON position				
SUBTASK 28-22-00-720-047				
(3) Put the BUS TRANS switch, on the P5 Overhead Panel, to the OFF position.				
(a) Make sure the 1 TRANSFER BUS OFF light is off.				
(b) Make sure the 2 TRANSFER BUS OFF light is off.				
SUBTASK 28-22-00-720-021				
(4) Put the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, to the ON position.				
SUBTASK 28-22-00-720-022				
(5) Make sure the amber LOW PRESSURE lights for the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, are off.				
SUBTASK 28-22-00-720-026				
(6) Push the MASTER CAUTION light on the right Master Caution panel to reset the Master Caution panel.				
(a) Make sure the two MASTER CAUTION lights (right and left) are off.				
(b) Make sure the FUEL annunciator light on the left Master Caution panel is off.				
SUBTASK 28-22-00-720-023				
(7) For the left center boost pump, do these steps:				
(a) Set the stopwatch, STD-836, to zero.				
(b) Put and hold the test switch, S1, on the P61-8 Fuel Test Panel to the L AUTO SHUTOFF position.				
(c) When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), start the stopwatch, STD-836, and release the test switch, S1, on the P61-8 panel				
(d) When the MASTER CAUTION and FUEL annunciator lights, on the MASTER CAUTION panel, come on, stop the stopwatch, STD-836.				
(e) Make sure the stopwatch, STD-836, shows 10 ± 2 seconds.				
(f) Put the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, to the OFF position and then to the ON position.				
(g) Make sure the amber LOW PRESSURE lights for the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, are off.				
(h) Push the MASTER CAUTION light on the right Master Caution panel to reset the Master Caution panel.				
EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST		
		D633A109-AKS		
		28-115-00-01		
				Page 13 of 20
				Feb 15/2016

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01
				MECH INSP
				1) Make sure the two MASTER CAUTION lights (right and left) are off. 2) Make sure the FUEL annunciator light on the left Master Caution panel is off.
SUBTASK 28-22-00-720-024				
(8) For the right center boost pump, do these steps:				
<ul style="list-style-type: none"> (a) Set the stopwatch, STD-836, to zero. (b) Put and hold the test switch, S2, on the P61-8 Fuel Test Panel to the R AUTO SHUTOFF position. (c) When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), start the stopwatch, STD-836, and release the test switch, S2, on the P61-8 panel (d) When the MASTER CAUTION and FUEL annunciator lights, on the MASTER CAUTION panel, come on, stop the stopwatch, STD-836. (e) Make sure the stopwatch, STD-836, shows 10 ± 2 seconds. (f) Put the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, to the OFF position and then to the ON position. (g) Make sure the amber LOW PRESSURE lights for the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, are off. (h) Push the MASTER CAUTION light on the right Master Caution panel to reset the Master Caution panel. <ul style="list-style-type: none"> 1) Make sure the two MASTER CAUTION lights (right and left) are off. 2) Make sure the FUEL annunciator light on the left Master Caution panel is off. 				
SUBTASK 28-22-00-720-025				
(9) Put the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, to the OFF position.				
SUBTASK 28-22-00-280-005				
(10) Listen and make sure the left and right center boost pumps do not operate.				
SUBTASK 28-22-00-720-048				
(11) Put the BUS TRANS switch, on the P5 Overhead Panel, to the AUTO position.				
<ul style="list-style-type: none"> (a) Make sure the 1 TRANS BUS OFF light is off. (b) Make sure the 2 TRANS BUS OFF light is off. 				
SUBTASK 28-22-00-720-049				
(12) Put the APU GEN (left) switch, on the P5 Overhead Panel, to the OFF position				
SUBTASK 28-22-00-720-050				
(13) Put the APU GEN (right) switch, on the P5 Overhead Panel, to the OFF position				
SUBTASK 28-22-00-720-051				
(14) Put the GRD PWR switch, on the P5 Overhead Panel, to the ON position.				
SUBTASK 28-22-00-860-114				
(15) If the APU is not necessary to do other tasks, do this task: APU Usual Shutdown, AMM TASK 49-11-00-860-802.				

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01																								
				MECH INSP																								
H. Alternative Master Caution Functional Test for the Center Tank Boost Pumps Auto Shutoff																												
<p><u>NOTE:</u> This test requires ground power. If you do this test for the center tank boost pumps, you do not have to do the Master Caution Functional Test for the Center Tank Boost Pumps Auto Shutoff.</p> <p>SUBTASK 28-22-00-860-153</p> <p>(1) Do this task: Supply External Power, AMM TASK 24-22-00-860-813.</p> <p>SUBTASK 28-22-00-720-076</p> <p>(2) Make sure the GRD PWR switch, on the P5 Overhead Panel, is in the ON position.</p> <p>SUBTASK 28-22-00-860-133</p> <p>(3) Make sure that these circuit breakers are closed:</p> <p>Power Distribution Panel Number 1, P91</p> <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>F</td><td>5</td><td>C03002</td><td>XFR BUS 1 SECT 2</td></tr> <tr> <td>F</td><td>6</td><td>C00815</td><td>MAIN BUS 1</td></tr> </tbody> </table> <p>Power Distribution Panel Number 2, P92</p> <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>F</td><td>5</td><td>C03012</td><td>XFR BUS 2 SECT 2</td></tr> <tr> <td>F</td><td>6</td><td>C00817</td><td>MAIN BUS 2</td></tr> </tbody> </table> <p>SUBTASK 28-22-00-720-077</p> <p>(4) Put the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, to the ON position.</p> <p>SUBTASK 28-22-00-720-078</p> <p>(5) Make sure the amber LOW PRESSURE lights for the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, are off.</p> <p>SUBTASK 28-22-00-720-079</p> <p>(6) Push the MASTER CAUTION light on the right Master Caution panel to reset the Master Caution panel.</p> <p>(a) Make sure the two MASTER CAUTION lights (right and left) are off.</p> <p>(b) Make sure the FUEL annunciator light on the left Master Caution panel is off.</p> <p>SUBTASK 28-22-00-720-080</p> <p>(7) For the left center boost pump, do these steps:</p> <p>(a) Set the stopwatch, STD-836, to zero.</p> <p>(b) Put and hold the test switch, S1, on the P61-8 Fuel Test Panel to the L AUTO SHUTOFF position.</p> <p>(c) When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), start the stopwatch, STD-836, and release the test switch, S1, on the P61-8 panel</p> <p>(d) When the MASTER CAUTION and FUEL annunciator lights, on the MASTER CAUTION panel, come on, stop the stopwatch, STD-836.</p>				<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	F	5	C03002	XFR BUS 1 SECT 2	F	6	C00815	MAIN BUS 1	<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	F	5	C03012	XFR BUS 2 SECT 2	F	6	C00817	MAIN BUS 2	
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																									
F	5	C03002	XFR BUS 1 SECT 2																									
F	6	C00815	MAIN BUS 1																									
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>																									
F	5	C03012	XFR BUS 2 SECT 2																									
F	6	C00817	MAIN BUS 2																									

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-115-00-01		
					MECH	INSP
				(e) Make sure the stopwatch, STD-836, shows 10±2 seconds.		
				(f) Put the FUEL PUMP CTR TANK - LEFT switch, on the P5 Overhead Panel, to the OFF position and then to the ON position.		
				(g) Make sure the amber LOW PRESSURE lights for the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, are off.		
				(h) Push the MASTER CAUTION light on the right Master Caution panel to reset the Master Caution panel.		
				1) Make sure the two MASTER CAUTION lights (right and left) are off.		
				2) Make sure the FUEL annunciator light on the left Master Caution panel is off.		
SUBTASK 28-22-00-720-081						
				(8) For the right center boost pump, do these steps:		
				(a) Set the stopwatch, STD-836, to zero.		
				(b) Put and hold the test switch, S2, on the P61-8 Fuel Test Panel to the R AUTO SHUTOFF position.		
				(c) When the amber LOW PRESSURE light for the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, comes on (in approximately 15 seconds), start the stopwatch, STD-836, and release the test switch, S2, on the P61-8 panel		
				(d) When the MASTER CAUTION and FUEL annunciator lights, on the MASTER CAUTION panel, come on, stop the stopwatch, STD-836.		
				(e) Make sure the stopwatch, STD-836, shows 10±2 seconds.		
				(f) Put the FUEL PUMP CTR TANK - RIGHT switch, on the P5 Overhead Panel, to the OFF position and then to the ON position.		
				(g) Make sure the amber LOW PRESSURE lights for the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, are off.		
				(h) Push the MASTER CAUTION light on the right Master Caution panel to reset the Master Caution panel.		
				1) Make sure the two MASTER CAUTION lights (right and left) are off.		
				2) Make sure the FUEL annunciator light on the left Master Caution panel is off.		
SUBTASK 28-22-00-720-082						
				(9) Put the FUEL PUMP CTR TANK - LEFT and RIGHT switches, on the P5 Overhead Panel, to the OFF position.		
SUBTASK 28-22-00-720-083						
				(10) Listen and make sure the left and right center boost pumps do not operate.		
———— END OF TASK ————						

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST	
		D633A109-AKS 28-115-00-01	Page 16 of 20 Feb 15/2015

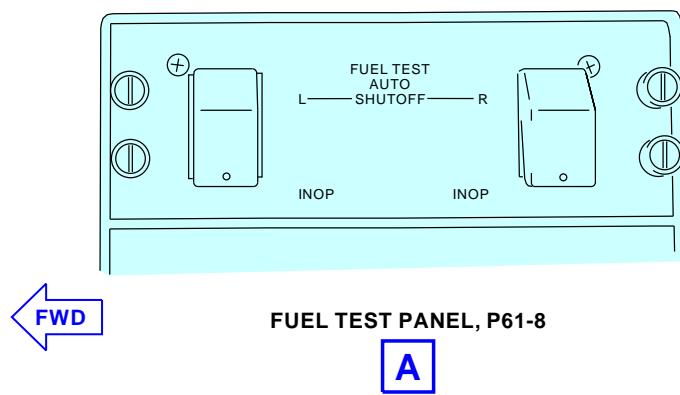
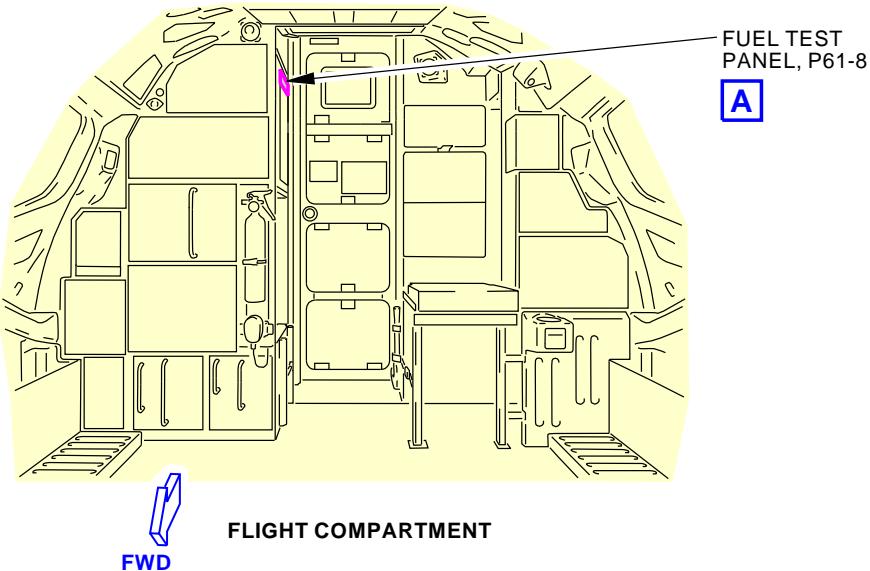
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-115-00-01

**Fuel Test Panel, P61-8
Figure 1**

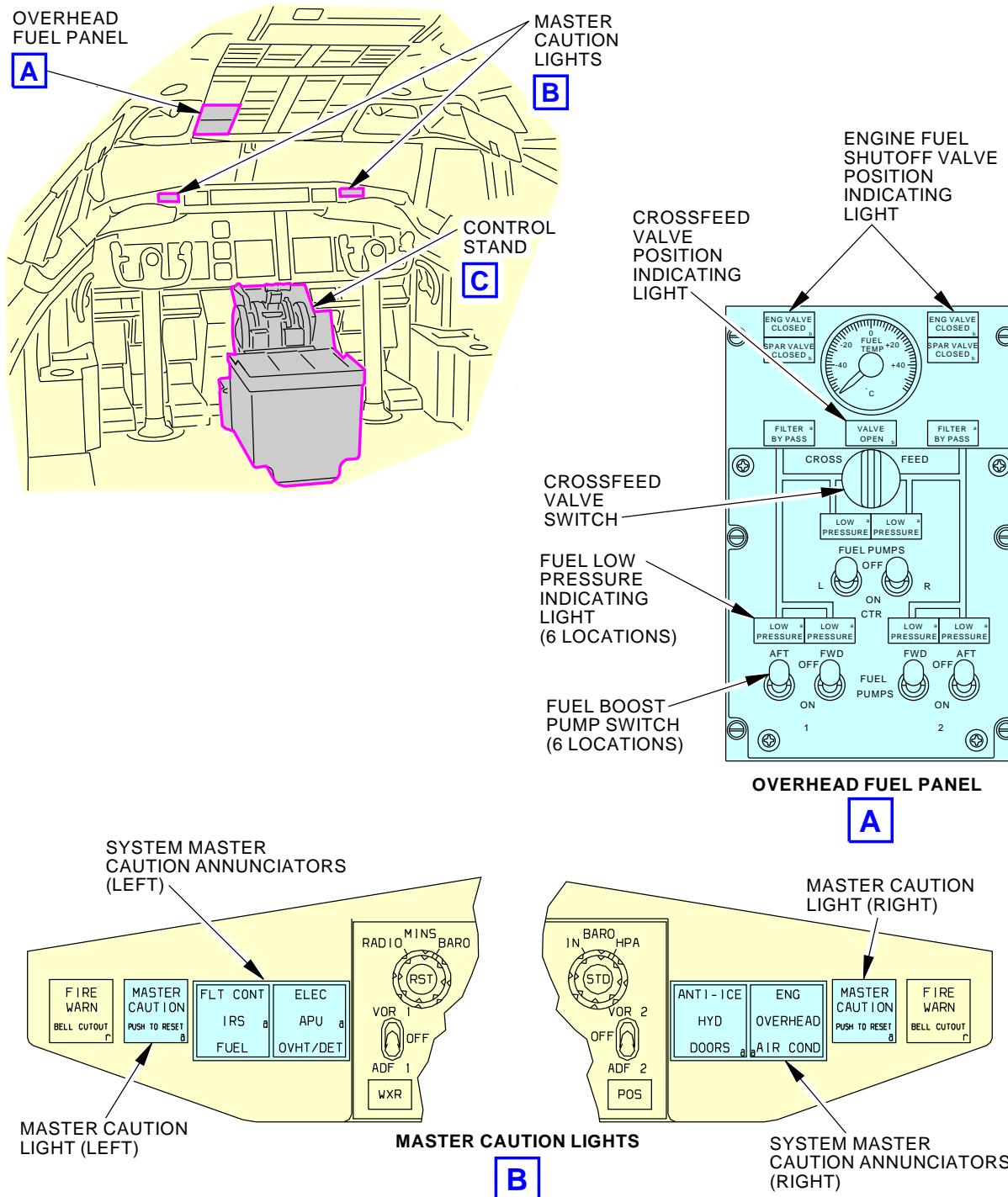
454907 S0000142433_V3

EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

Page 17 of 20
Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-115-00-01



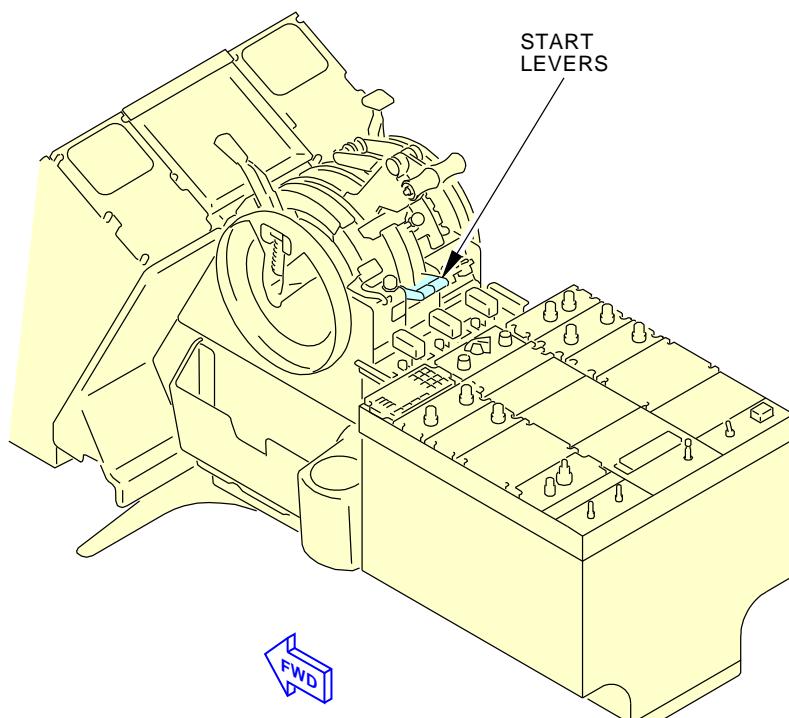
**Engine Fuel Feed System
Figure 2 (Sheet 1 of 3)**

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EFFECTIVITY AKS ALL	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-115-00-01

**CONTROL STAND**

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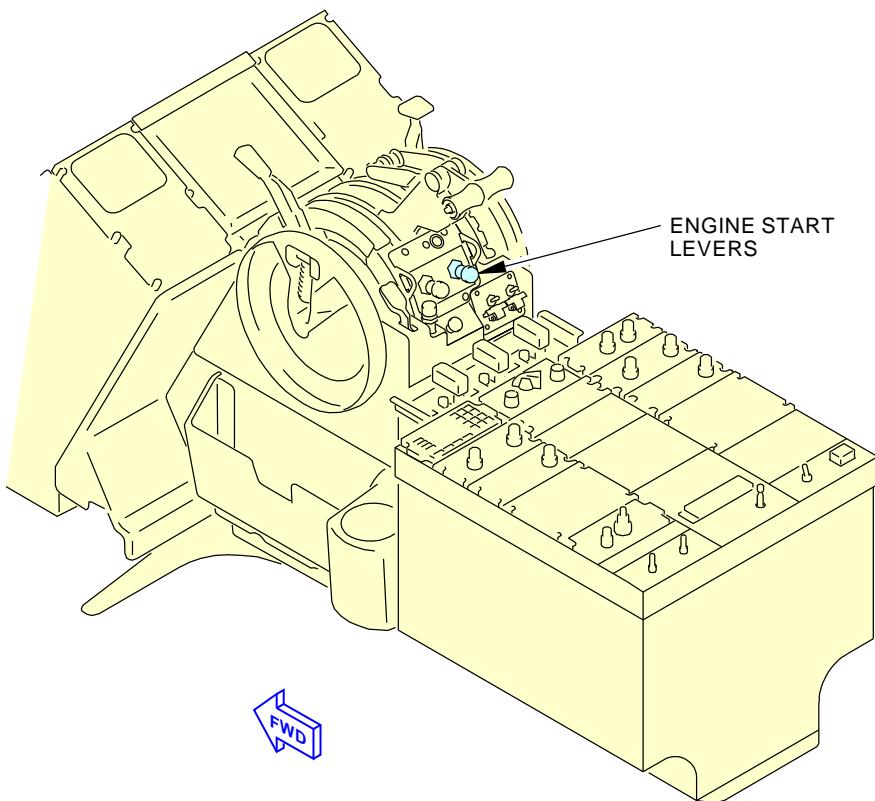
**Engine Fuel Feed System
Figure 2 (Sheet 2 of 3)**

EFFECTIVITY AKS 001-017, 019	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

**Page 19 of 20
Oct 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-115-00-01

**CONTROL STAND****C**

2337192 S0000531975_V3

**Engine Fuel Feed System
Figure 2 (Sheet 3 of 3)**

EFFECTIVITY AKS 018, 020-999	SOURCE ALI	CENTER TANK BOOST PUMP AUTO SHUTOFF TEST
		D633A109-AKS 28-115-00-01

Page 20 of 20
Oct 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE ENGINE FUEL SPAR AND APU SHUTOFF VALVE BATTERY			BOEING CARD NO.
DATE	TASK OPERATIONAL				28-125-00-01
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	RELATED CARD APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL	ACCESS			ZONE 551 651

Operationally check the fuel shutoff valve battery.

A. References

Reference	Title
WDM 28-21-21	BATTERY AND CONTROL POWER ENGINE SPAR AND APU FUEL VALVES

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SPAR AND APU SHUTOFF VALVE BATTERY
		D633A109-AKS 28-125-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-125-00-01
------	-------------	---------	------------------	--

TASK 28-22-00-720-801

MECH

INSP

1. Fuel Shutoff Valve Battery - Test

(Figure 1)

A. General

- (1) This procedure has one task:
 - (a) Fuel Shutoff Valve Battery Test. This test makes sure the battery is charged correctly and wiring required for valve operation is OK.

B. Prepare for the Test

SUBTASK 28-22-00-860-027

- (1) Make sure these switches are in the positions shown (Table 1):

Table 1 Fuel Shutoff Valve Battery Test

SWITCH/CONTROL	POSITION	LOCATION
APU FIRE HANDLE	NORMAL	P8 AISLE STAND
FUEL CROSSFEED VALVE	CLOSED	P5 OVERHEAD PANEL
FUEL PUMP - TANK 1 - AFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP - TANK 1 - FWD	OFF	P5 OVERHEAD PANEL
FUEL PUMP - CTR TANK LEFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP - TANK 2 - AFT	OFF	P5 OVERHEAD PANEL
FUEL PUMP - TANK 2 - FWD	OFF	P5 OVERHEAD PANEL
FUEL PUMP - CTR TANK RIGHT	OFF	P5 OVERHEAD PANEL
L ENG FIRE HANDLE	NORMAL	P8 AISLE STAND
R ENG FIRE HANDLE	NORMAL	P8 AISLE STAND
ENGINE START 1 SWITCH	OFF	P5 OVERHEAD PANEL
ENGINE START 2 SWITCH	OFF	P5 OVERHEAD PANEL
ENG 1 START LEVER	CUTOFF	P10 CONTROL STAND
ENG 2 START LEVER	CUTOFF	P10 CONTROL STAND

SUBTASK 28-22-00-860-028

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

F/O Electrical System Panel, P6-3

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

B	3	C00360	FUEL SPAR VALVE ENG 2
B	4	C00359	FUEL SPAR VALVE ENG 1

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SPAR AND APU SHUTOFF VALVE BATTERY
		D633A109-AKS 28-125-00-01

 Page 2 of 6
 Feb 15/2016

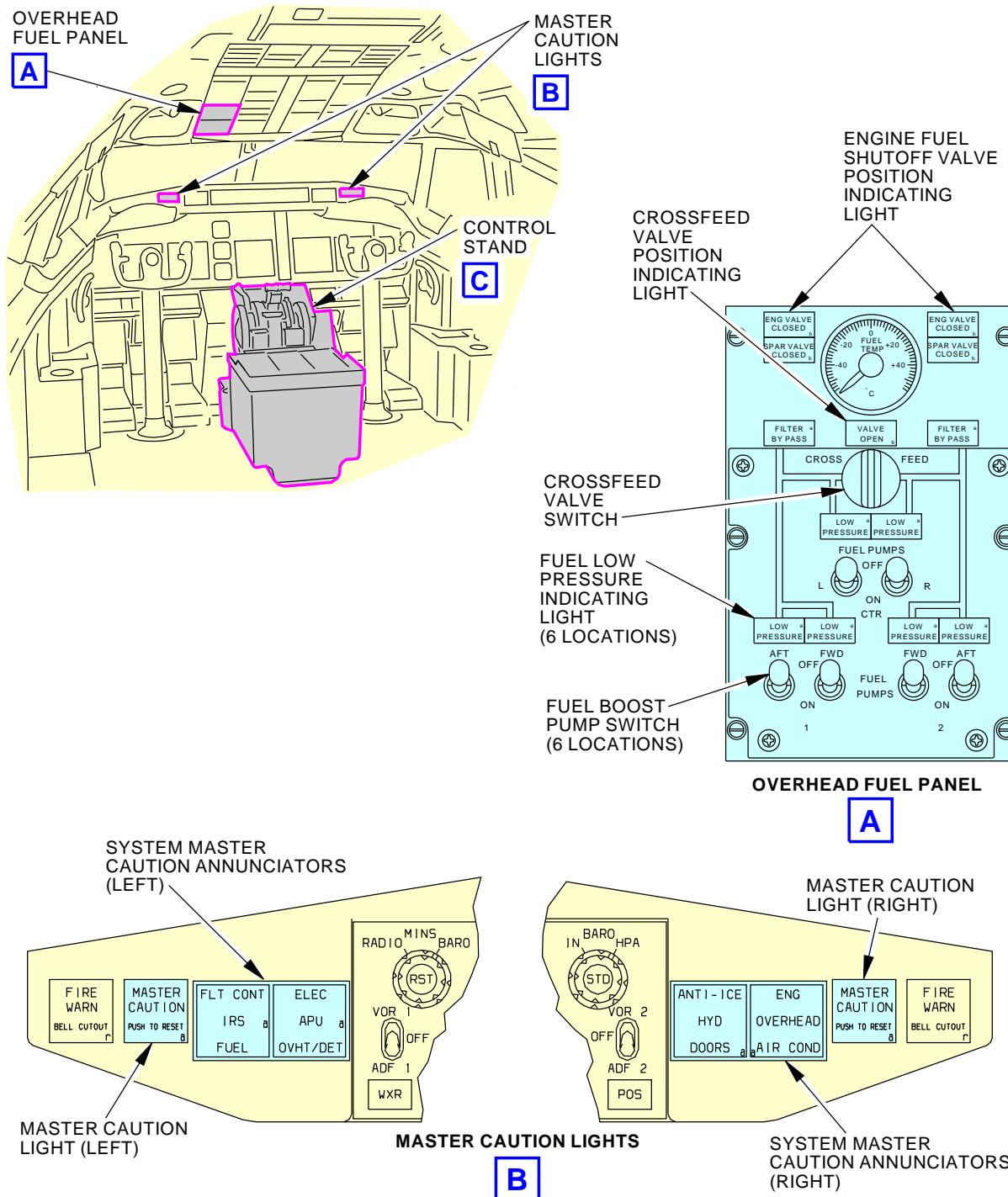
AKS**737-600/700/800/900
TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-125-00-01
SUBTASK 28-22-00-860-065				MECH INSP
(3) Open these circuit breakers and install safety tags:				
F/O Electrical System Panel, P6-3				
Row Col Number Name				
C 4 C01471 FUEL SHUTOFF VALVES PWR PACK				
C 6 C01472 FUEL SHUTOFF VALVES BUS				
C. Fuel Shutoff Valve Battery Test				
SUBTASK 28-22-00-710-002				
(1) Do these steps to test the fuel shutoff valve battery operation:				
NOTE: This test makes sure the wiring and the diode R669 operate correctly (WDM 28-21-21). If the diode or wiring are bad the battery can lose its charge without flight deck indication.				
NOTE: For this test, it is only necessary to test one spar valve.				
(a) Put the engine start lever 1 or engine start lever 2 to the IDLE or RUN position.				
(b) Make sure the indication light for the applicable engine fuel spar valve shows these effects:				
1) The light goes from dim to bright to show a change in the valve position.				
2) The light goes OFF to show that the spar valve is open.				
NOTE: You can examine the position of the manual override lever on the spar valve to make sure that the valve is open.				
(c) Put the engine start lever 1 or engine start lever 2 to the CUTOFF position.				
(d) Make sure the indication light for the applicable engine fuel spar valve shows these effects:				
1) The light comes on bright to show a change in the valve position.				
2) The light stays on dim to show that the spar valve is closed.				
NOTE: You can examine the position of the manual override lever on the spar valve to make sure that the valve is closed.				
(e) Remove the safety tags and close these circuit breakers:				
F/O Electrical System Panel, P6-3				
Row Col Number Name				
C 4 C01471 FUEL SHUTOFF VALVES PWR PACK				
C 6 C01472 FUEL SHUTOFF VALVES BUS				
— END OF TASK —				

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SPAR AND APU SHUTOFF VALVE BATTERY
		D633A109-AKS 28-125-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-125-00-01



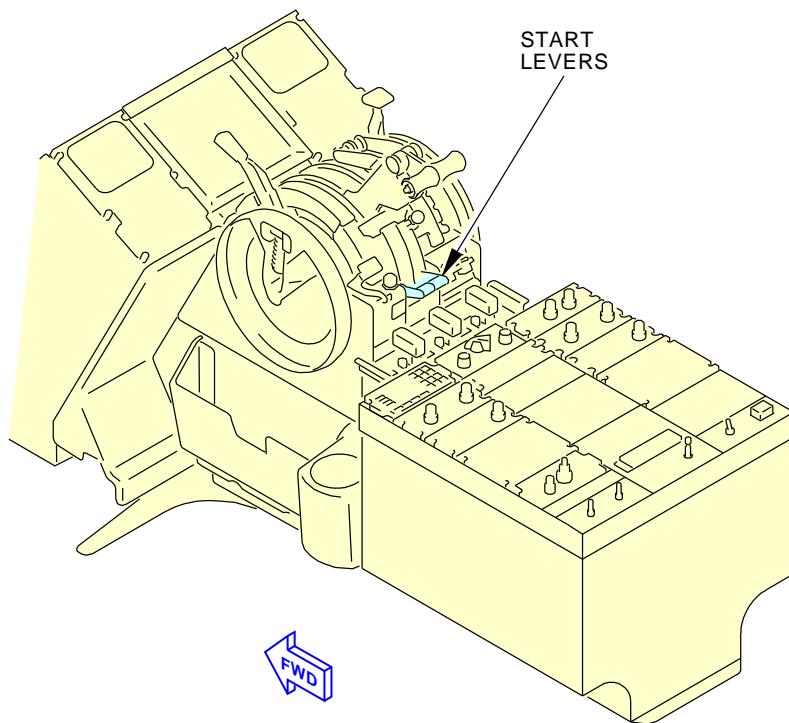
Engine Fuel Feed System
Figure 1 (Sheet 1 of 3)

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EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE FUEL SPAR AND APU SHUTOFF VALVE BATTERY
		D633A109-AKS 28-125-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-125-00-01



**Engine Fuel Feed System
Figure 1 (Sheet 2 of 3)**

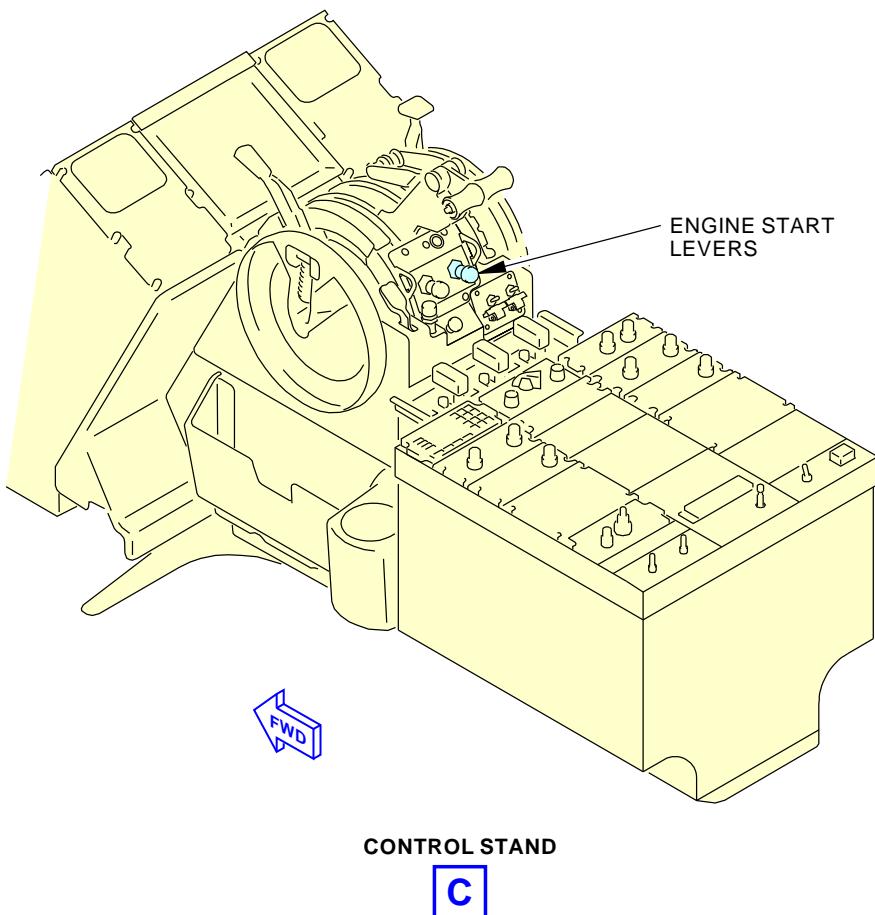
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EFFECTIVITY AKS 001-017, 019	SOURCE MRB	ENGINE FUEL SPAR AND APU SHUTOFF VALVE BATTERY
		D633A109-AKS 28-125-00-01

**Page 5 of 6
Jun 15/2016**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-125-00-01



2337192 S0000531975_V3
Engine Fuel Feed System
Figure 1 (Sheet 3 of 3)

EFFECTIVITY AKS 018, 020-999	SOURCE MRB	ENGINE FUEL SPAR AND APU SHUTOFF VALVE BATTERY
		D633A109-AKS 28-125-00-01

Page 6 of 6
Jun 15/2016

AKS



737-600/700/800/900 TASK CARDS

AIRLINE CARD NO		TITLE ENGINE SPAR AND APU FUEL SHUT-OFF VALVE BATTERY RESTORATION			BOEING CARD NO. 28-130-00-01	
DATE	TASK RESTORE				RELATED CARD	
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 7 YR	REPEAT 7 YR	APPLICABILITY	
STATION	SKILL AIRPL				AIRPLANE ALL	ENGINE ALL
		ACCESS			ZONE 212	

Replace the fuel shut-off valve battery.

A. References

Reference	Title
AMM 28-22-00-720-801	Fuel Shutoff Valve Battery - Test (P/B 501)

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE SPAR AND APU FUEL SHUT-OFF VALVE BATTERY RESTORATION
		D633A109-AKS 28-130-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-130-00-01

TASK 28-22-14-000-801

1. Emergency Fuel Shutoff Battery Removal

(Figure 1)

A. General

- (1) This task gives instructions to remove the Emergency Fuel Shutoff Battery.
 - (2) The battery and charger system is not a Boeing supplied part. Refer to the Component Maintenance Manual for the battery and charger system instructions for disassembly.

B. Prepare for the Removal

SUBTASK 28-22-14-860-001

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

F/O Electrical System Panel, P6-3

Row Col Number Name

C 4 C01471 FUEL SHUTOFF VALVES PWR PACK

C 6 C01472 FUEL SHUTOFF VALVES BUS

C. Emergency Fuel Shutoff Battery Removal

SUBTASK 28-22-14-020-001

- (1) Open the P6-12 panel on the right side of the flight compartment behind the first officer's seat (Figure 1).

SUBTASK 28-22-14-020-002

- (2) Remove the four screws [2] that attach the battery and charger system [1] to the top of the stowage bin.

SUBTASK 28-22-14-020-003

- (3) Remove the battery and charger system [1] and disconnect the electrical connector [3].

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE SPAR AND APU FUEL SHUT-OFF VALVE BATTERY RESTORATION
		D633A109-AKS 28-130-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-130-00-01
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TASK 28-22-14-400-801

MECH

INSP

2. Emergency Fuel Shutoff Battery Installation

(Figure 1)

A. General

- (1) This task gives instructions to install the Emergency Fuel Shutoff Battery.
- (2) The battery and charger system is not a Boeing supplied part. Refer to the Component Maintenance Manual for the battery and charger system instructions for assembly.

B. Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
1	Battery and charger system	28-22-14-01A-005	AKS ALL

C. Emergency Fuel Shutoff Battery Installation

SUBTASK 28-22-14-020-004

- (1) Open the P6-12 panel on the right side of the flight compartment behind the first officer's seat (Figure 1).

SUBTASK 28-22-14-420-001

- (2) Connect the electrical connector [3] to the battery and charger system [1].

SUBTASK 28-22-14-420-002

- (3) Put the battery and charger system [1] in its position and install the four screws [2].
- (4) Close the P6-12 panel.

D. Emergency Fuel Shutoff Battery Installation Test

SUBTASK 28-22-14-860-002

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

F/O Electrical System Panel, P6-3

Row	Col	Number	Name
C	4	C01471	FUEL SHUTOFF VALVES PWR PACK
C	6	C01472	FUEL SHUTOFF VALVES BUS

SUBTASK 28-22-14-860-003

- (2) Charge the battery and charger system [1] for one hour.

SUBTASK 28-22-14-710-001

- (3) To test the engine fuel spar valve, do this task: Fuel Shutoff Valve Battery - Test, AMM TASK 28-22-00-720-801.

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	ENGINE SPAR AND APU FUEL SHUT-OFF VALVE BATTERY RESTORATION
		D633A109-AKS 28-130-00-01

Page 3 of 4
Feb 15/2015

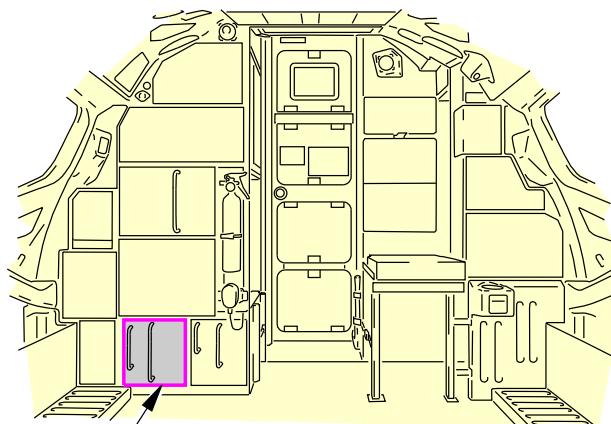
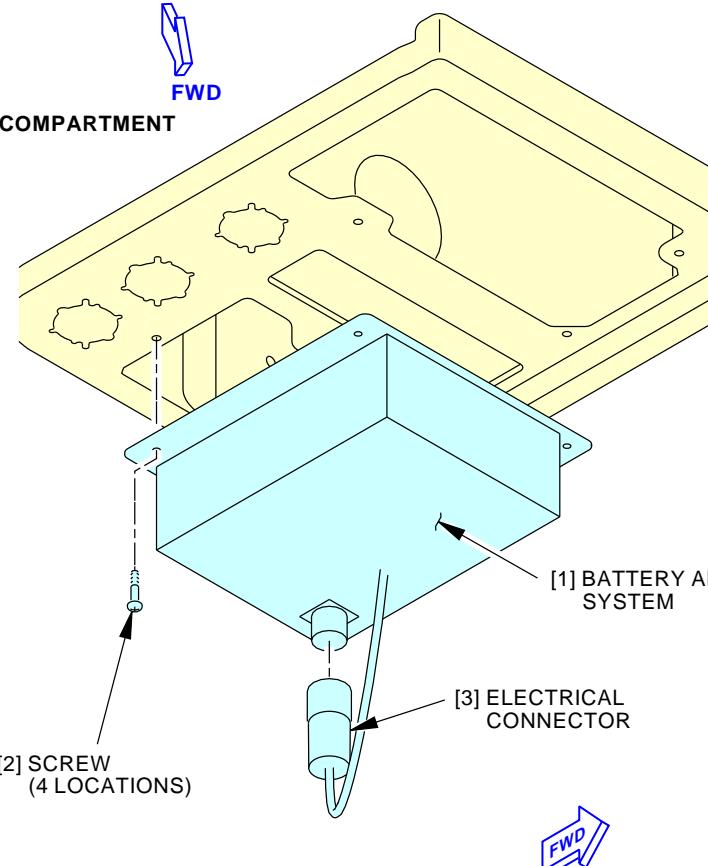
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-130-00-01CIRCUIT BREAKER
PANEL (P6-12)**A** **FWD****FLIGHT COMPARTMENT** **FWD****CIRCUIT BREAKER PANEL (P6-12)
(DOOR OPEN)****A**

2176901 S0000480224_V2

**Emergency Fuel Shutoff Battery Installation
Figure 1**EFFECTIVITY
AKS ALLSOURCE
MRB**ENGINE SPAR AND APU FUEL SHUT-OFF VALVE BATTERY
RESTORATION****D633A109-AKS
28-130-00-01****Page 4 of 4
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 1 TANK (SFAR 88)			BOEING CARD NO. 28-140-00-01
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA LEFT WING	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL ELEC	NOTE			AIRPLANE ALL ENGINE ALL
		ACCESS 434CL 532AB 532AZ 532BB 532BZ 532CB 532DB 532EB 532FB 532GB 532HB 532JB 532KB 532LB 532MB 532NB 532PB 532QB 532RB			ZONE 532

Inspect (detailed) in-tank tubing and equipment static ground straps and clamps for condition, security and other degradation. (SFAR 88)

INTERVAL NOTE: Perform concurrently with other tank inspections to minimize tank entries and possible accidental damage.

A. References

Reference	Title
AMM 06-43-00-800-801	Engine and Nacelle Strut Access Doors and Panels (P/B 201)
AMM 06-44-00-800-801	Finding an Access Door or Panel on the Wings (P/B 201)
AMM 28-00-00-200-801	Electrical Bonding Jumpers in the Fuel System - Inspection (P/B 201)
AMM 28-11-11-000-801	Main Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-801	Main Tank Access Door Installation (P/B 401)

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 1 TANK (SFAR 88)
		D633A109-AKS 28-140-00-01

Page 1 of 6
Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-140-00-01
				MECH INSP
► SFAR 88				
TASK 28-00-00-280-801				
1. Fuel System Static Bond Path No. 1 Tank - Inspection (Figure 1 or Figure 2)				
A. Procedure				
SUBTASK 28-00-00-280-004				
(1) For the area in the No. 1 fuel tank between rib No. 5 (inboard tank end) and rib No. 7, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
(c) For the area in the No. 1 fuel tank between rib No. 6 and rib No. 7, remove only one of these access panels on rib No. 6 (unless the engine is removed):				
Number Name/Location				
532AZ Main Tank Inner Access at Rib 6				
532BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(d) For all bonding jumpers between Rib No. 5 and Rib No. 7, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.				
(e) If it is removed and access is not necessary for subsequent tasks, install the applicable access panel(s) on rib No. 6:				
Number Name/Location				
532AZ Main Tank Inner Access at Rib 6				
532BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(f) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
SUBTASK 28-00-00-280-005				
(2) For the area in the No. 1 fuel tank between rib No. 7 and rib No. 8, do these steps:				

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 1 TANK (SFAR 88)	
		D633A109-AKS 28-140-00-01	Page 2 of 6 Feb 15/2015

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

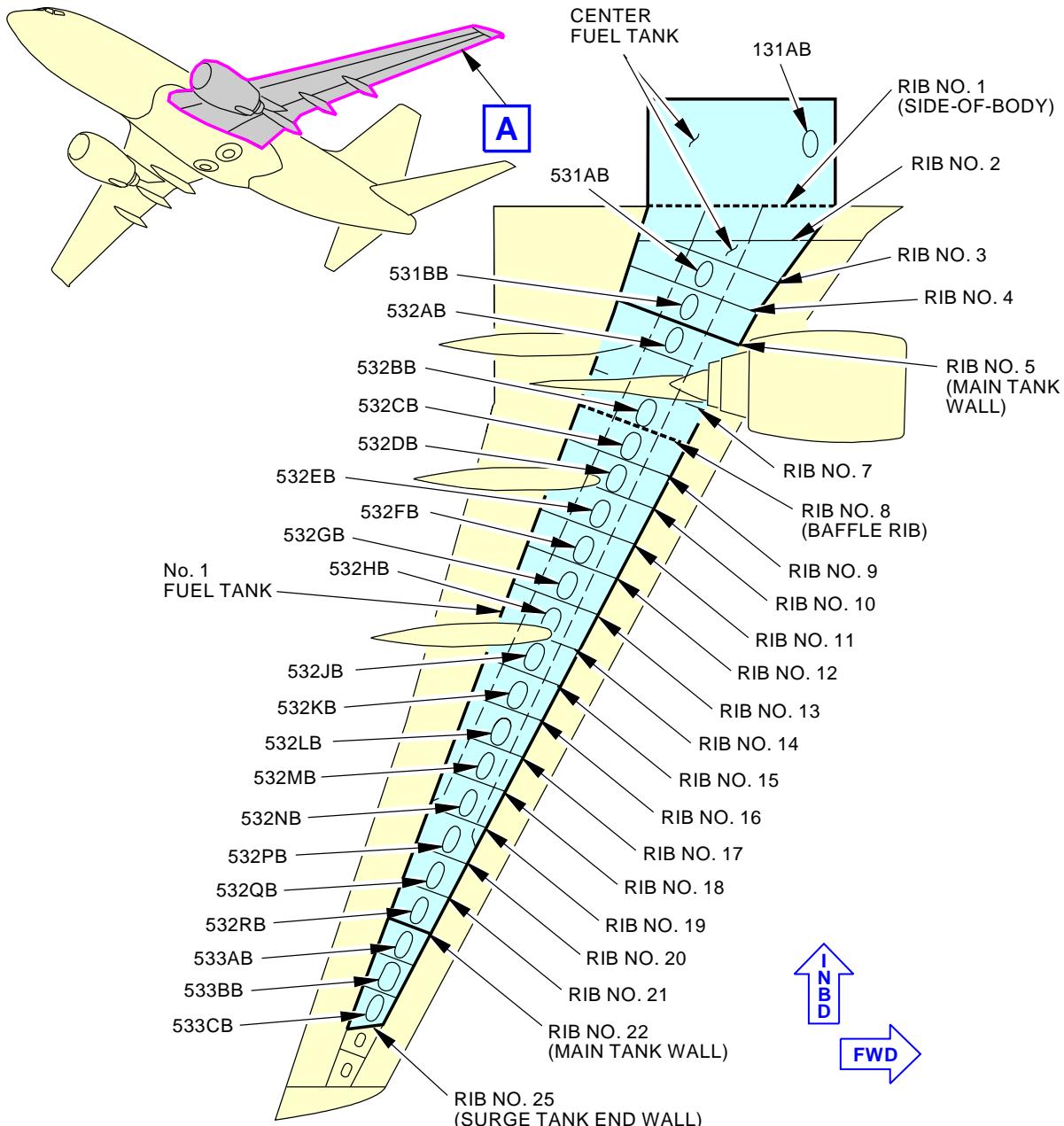
DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-140-00-01
(a) Open this access panel: Number Name/Location 434CL Aft Strut Fairing, Left Access To Fuel Door, Strut 1 (Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).		MECH	INSP	
(b) Remove this access panel: Number Name/Location 532BB Main Tank Access Door - Wing Station 265 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(c) Go into the opening for: Number Name/Location 532BB Main Tank Access Door - Wing Station 265				
(d) For all bonding jumpers between Rib No. 7 and Rib No. 8, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.				
(e) If access is not necessary for subsequent tasks, install this access panel: Number Name/Location 532BB Main Tank Access Door - Wing Station 265 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
(f) Close this access panel: Number Name/Location 434CL Aft Strut Fairing, Left Access To Fuel Door, Strut 1 (Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).				
SUBTASK 28-00-00-280-017				
(3) For the area in the No. 1 fuel tank between rib No. 19 and rib No. 20, do these steps:				
(a) Remove this access panel: Number Name/Location 532PB Main Tank Access Door - Wing Station 576 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for: Number Name/Location 532PB Main Tank Access Door - Wing Station 576				
(c) For all bonding jumpers between Rib No. 19 and Rib No. 20, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.				
EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 1 TANK (SFAR 88)		
		D633A109-AKS 28-140-00-01	Page 3 of 6 Feb 15/2015	

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-140-00-01		
(d) If access is not necessary for subsequent tasks, install this access panel: Number Name/Location					MECH	INSP
532PB Main Tank Access Door - Wing Station 576						
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.						
— END OF TASK —						
EFFECTIVITY AKS ALL		SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 1 TANK (SFAR 88)			
			D633A109-AKS 28-140-00-01			
					Page 4 of 6 Oct 15/2014	

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-140-00-01

**FUEL TANK ACCESS DOORS
(LEFT WING, BOTTOM VIEW)****A**

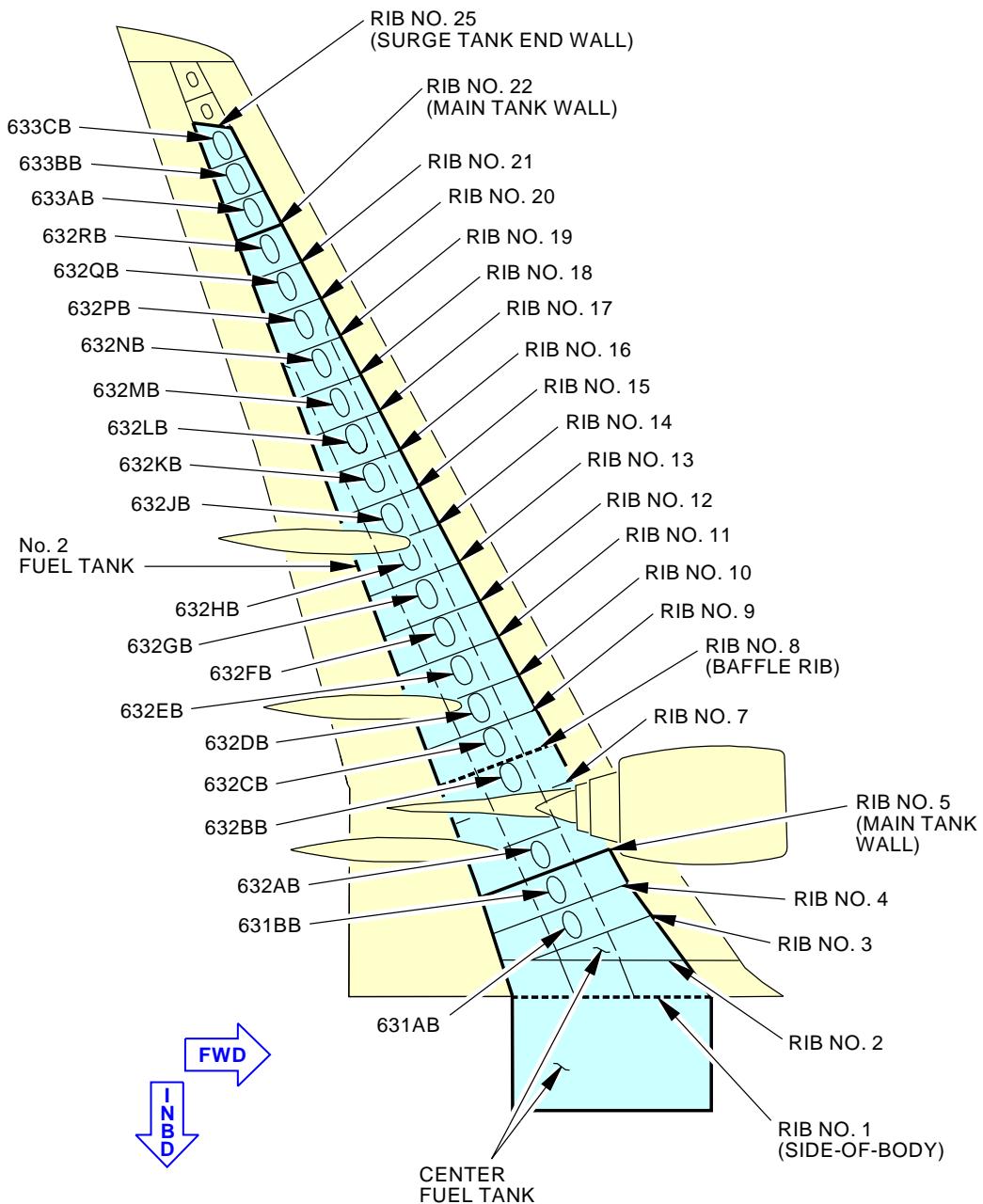
M26429 S0006571154_V3

**Fuel Tank - Left Wing
Figure 1**

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 1 TANK (SFAR 88)
		D633A109-AKS 28-140-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-140-00-01



M26591 S0006571155_V4

**Fuel Tank - Right Wing
Figure 2**

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 1 TANK (SFAR 88)
		D633A109-AKS 28-140-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 2 TANK (SFAR 88)			BOEING CARD NO. 28-140-00-02
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA R WG FUEL TANK	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL ELEC	NOTE		AIRPLANE ALL	ENGINE ALL
		ACCESS 444CR 632AB 632AZ 632BB 632BZ 632CB 632DB 632EB 632FB 632GB 632HB 632JB 632KB 632LB 632MB 632NB 632PB 632QB 632RB		ZONE 632	

Inspect (detailed) in-tank tubing and equipment static ground straps and clamps for condition, security and other degradation. (SFAR 88)

INTERVAL NOTE: Perform concurrently with other tank inspections to minimize tank entries and possible accidental damage.

A. References

Reference	Title
AMM 06-43-00-800-801	Engine and Nacelle Strut Access Doors and Panels (P/B 201)
AMM 06-44-00-800-801	Finding an Access Door or Panel on the Wings (P/B 201)
AMM 28-00-00-200-801	Electrical Bonding Jumpers in the Fuel System - Inspection (P/B 201)
AMM 28-11-11-000-801	Main Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-801	Main Tank Access Door Installation (P/B 401)

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 2 TANK (SFAR 88)
		D633A109-AKS 28-140-00-02

Page 1 of 7
Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-140-00-02	MECH	INSP
<p>► SFAR 88</p> <p>TASK 28-00-00-280-802</p> <p>1. Fuel System Static Bond Path No. 2 Tank - Inspection (Figure 1 or Figure 2)</p> <p>A. Procedure</p> <p>SUBTASK 28-00-00-280-020</p> <p>(1) For the area in the No. 2 fuel tank between rib No. 5 (inboard tank end) and rib No. 7, do these steps:</p> <p>(a) Remove this access panel:</p> <p>Number Name/Location</p> <p>632AB Main Tank Access Door - Wing Station 216</p> <p>To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.</p> <p>(b) Go into the opening for:</p> <p>Number Name/Location</p> <p>632AB Main Tank Access Door - Wing Station 216</p> <p>(c) For the area in the No. 2 fuel tank between rib No. 6 and rib No. 7, remove only one of these access panels on rib No. 6 (unless the engine is removed):</p> <p>Number Name/Location</p> <p>632AZ Main Tank Inner Access at Rib 6 632BZ Main Tank Inner Access at Rib 6</p> <p>To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.</p> <p>(d) For all bonding jumpers between Rib No. 5 and Rib No. 7, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801</p> <p>(e) If it is removed and access is not necessary for subsequent tasks, install the applicable access panel(s) on rib No. 6:</p> <p>Number Name/Location</p> <p>632AZ Main Tank Inner Access at Rib 6 632BZ Main Tank Inner Access at Rib 6</p> <p>To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.</p> <p>(f) If access is not necessary for subsequent tasks, install this access panel:</p> <p>Number Name/Location</p> <p>632AB Main Tank Access Door - Wing Station 216</p> <p>To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.</p> <p>SUBTASK 28-00-00-280-021</p> <p>(2) For the area in the No. 2 fuel tank between rib No. 7 and rib No. 8, do these steps:</p>						

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 2 TANK (SFAR 88)	
		D633A109-AKS 28-140-00-02	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. 28-140-00-02
	<p>(a) Open this access panel:</p> <p>Number Name/Location 444CR Aft Strut Fairing, Right Access To Fuel Door, Strut 2 (Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).</p> <p>(b) Remove this access panel:</p> <p>Number Name/Location 632BB Main Tank Access Door - Wing Station 265 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.</p> <p>(c) Go into the opening for:</p> <p>Number Name/Location 632BB Main Tank Access Door - Wing Station 265</p> <p>(d) For all bonding jumpers between Rib No. 7 and Rib No. 8, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.</p> <p>(e) If access is not necessary for subsequent tasks, install this access panel:</p> <p>Number Name/Location 632BB Main Tank Access Door - Wing Station 265 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.</p> <p>(f) Close this access panel:</p> <p>Number Name/Location 444CR Aft Strut Fairing, Right Access To Fuel Door, Strut 2 (Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).</p> <p>SUBTASK 28-00-00-280-022</p> <p>(3) For the area in the No. 2 fuel tank between rib No. 8 and rib No. 9, do these steps:</p> <p>(a) Remove this access panel:</p> <p>Number Name/Location 632CB Main Tank Access Door - Wing Station 290 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.</p> <p>(b) Go into the opening for:</p> <p>Number Name/Location 632CB Main Tank Access Door - Wing Station 290</p> <p>(c) For all bonding jumpers between Rib No. 8 and Rib No. 9, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.</p>		MECH	INSP

EFFECTIVITY
AKS ALLSOURCE
MRB**INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS
AND CLAMPS, NO. 2 TANK (SFAR 88)****D633A109-AKS
28-140-00-02****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. 28-140-00-02
(d)	If access is not necessary for subsequent tasks, install this access panel:			MECH INSP
	Number Name/Location			
	632CB Main Tank Access Door - Wing Station 290			
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.			
	SUBTASK 28-00-00-280-023			
(4)	For the area in the No. 2 fuel tank between rib No. 9 and rib No. 10, do these steps:			
(a)	Remove this access panel:			
	Number Name/Location			
	632DB Main Tank Access Door - Wing Station 313			
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.			
(b)	Go into the opening for:			
	Number Name/Location			
	632DB Main Tank Access Door - Wing Station 313			
(c)	For all bonding jumpers between Rib No. 9 and Rib No. 10, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.			
(d)	If access is not necessary for subsequent tasks, install this access panel:			
	Number Name/Location			
	632DB Main Tank Access Door - Wing Station 313			
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.			
	SUBTASK 28-00-00-280-024			
(5)	For the area in the No. 2 fuel tank between rib No. 10 and rib No. 11, do these steps:			
(a)	Remove this access panel:			
	Number Name/Location			
	632EB Main Tank Access Door - Wing Station 337			
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.			
(b)	Go into the opening for:			
	Number Name/Location			
	632EB Main Tank Access Door - Wing Station 337			
(c)	For all bonding jumpers between Rib No. 10 and Rib No. 11, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.			
(d)	If access is not necessary for subsequent tasks, install this access panel:			
	Number Name/Location			
	632EB Main Tank Access Door - Wing Station 337			
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.			

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 2 TANK (SFAR 88)	
		D633A109-AKS 28-140-00-02	Page 4 of 7 Oct 15/2014

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

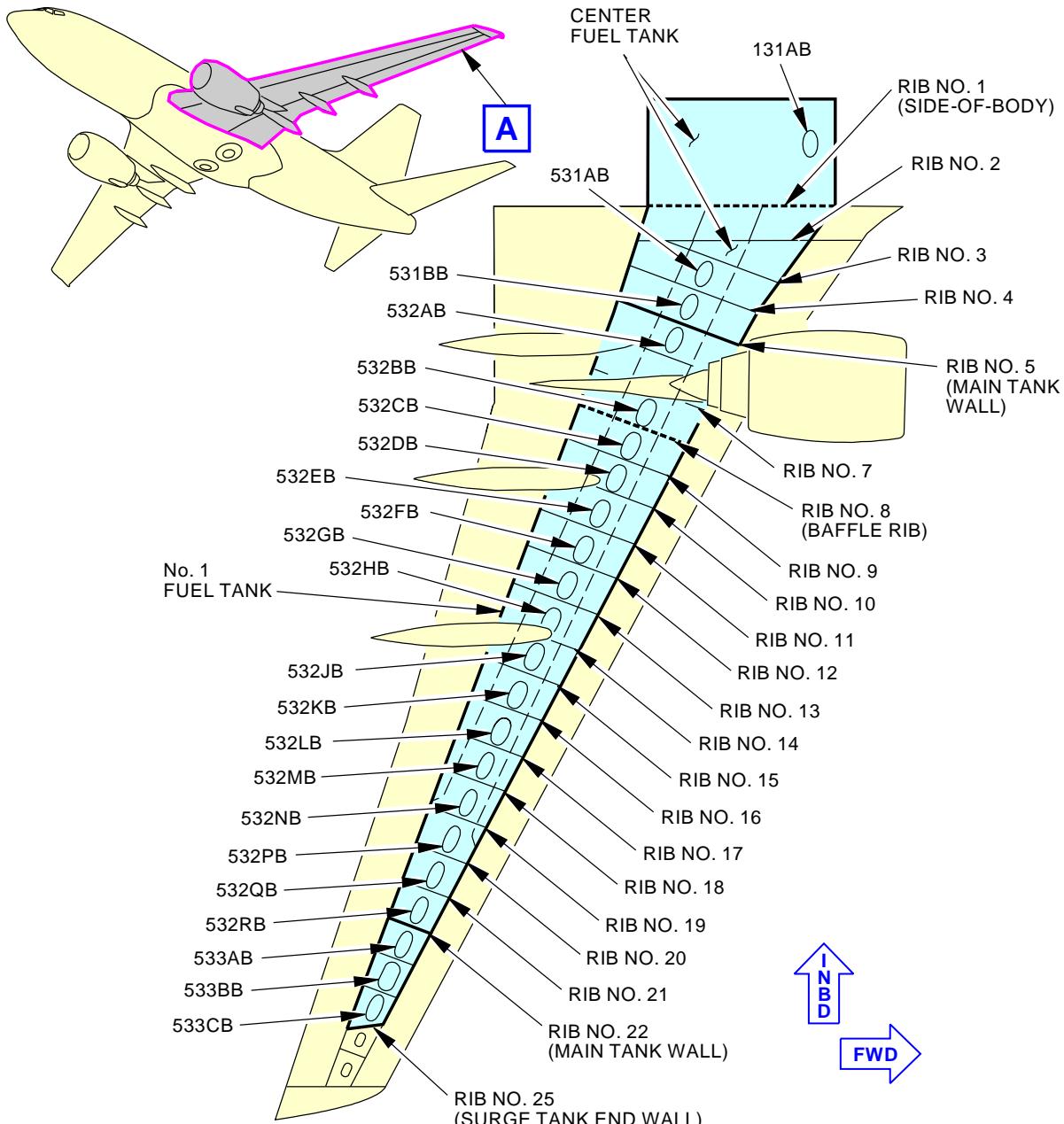
DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-140-00-02
				MECH INSP
SUBTASK 28-00-00-280-025				
(6) For the area in the No. 2 fuel tank between rib No. 11 and rib No. 12, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 (c) For all bonding jumpers between Rib No. 11 and Rib No. 12, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
SUBTASK 28-00-00-280-033				
(7) For the area in the No. 2 fuel tank between rib No. 19 and rib No. 20, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632PB Main Tank Access Door - Wing Station 576 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for:				
Number Name/Location 632PB Main Tank Access Door - Wing Station 576 (c) For all bonding jumpers between Rib No. 19 and Rib No. 20, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801.				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location 632PB Main Tank Access Door - Wing Station 576 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 2 TANK (SFAR 88)
		D633A109-AKS 28-140-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-140-00-02

**FUEL TANK ACCESS DOORS
(LEFT WING, BOTTOM VIEW)****A**

M26429 S0006571154_V3

**Fuel Tank - Left Wing
Figure 1**

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS AND CLAMPS, NO. 2 TANK (SFAR 88)
		D633A109-AKS 28-140-00-02

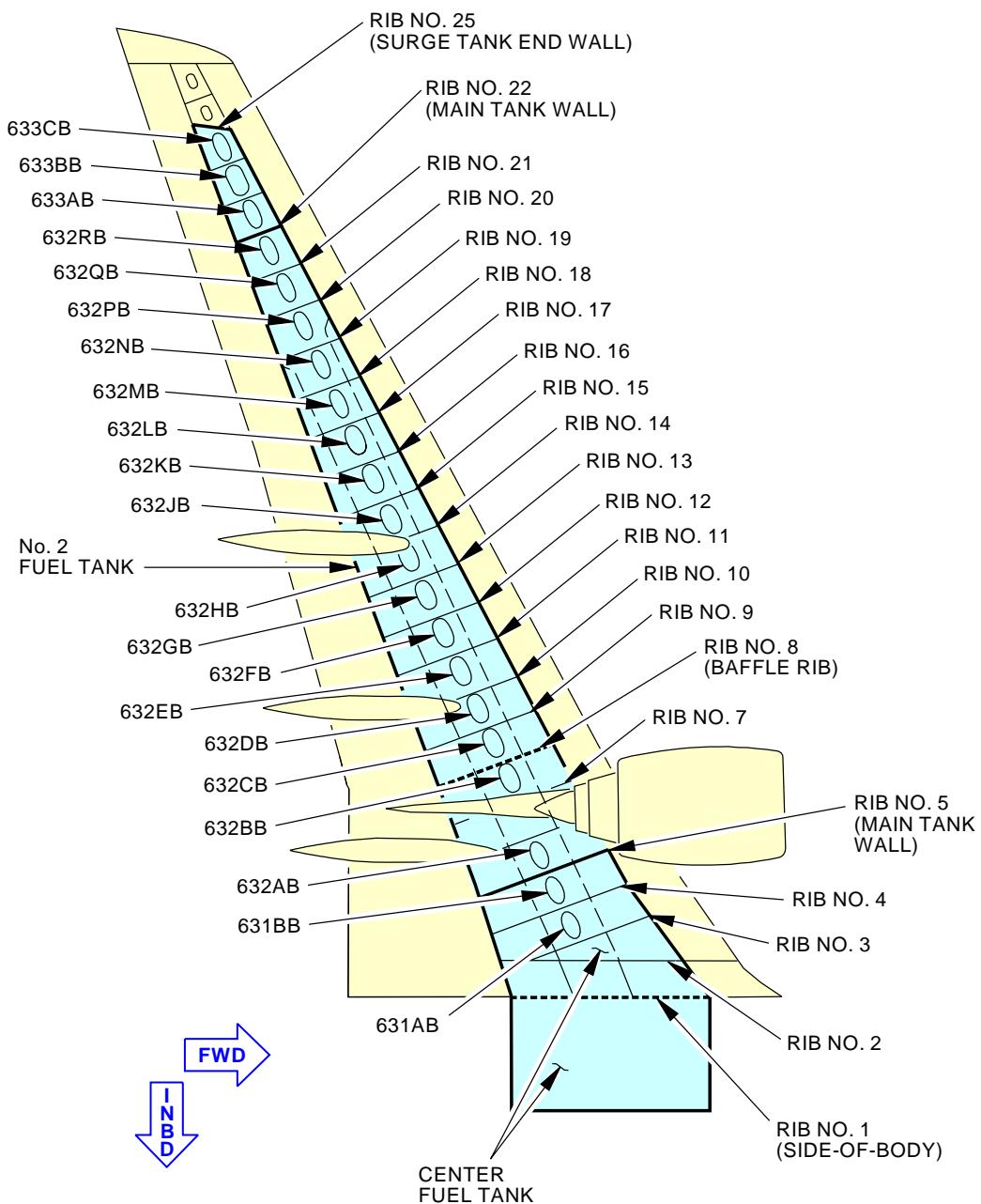
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-140-00-02

M26591 S0006571155_V4

**Fuel Tank - Right Wing
Figure 2**EFFECTIVITY
AKS ALLSOURCE
MRB**INSPECT (DETAILED) THE TUBING, STATIC GROUND STRAPS
AND CLAMPS, NO. 2 TANK (SFAR 88)****D633A109-AKS
28-140-00-02****Page 7 of 7
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE INSPECT (DETAILED) THE TUBING STATIC GROUND STRAPS AND CLAMPS, CENTER TANK (SFAR 88)			BOEING CARD NO. 28-140-00-03	
DATE	TASK INSPECTION - DETAILED				RELATED CARD	
TAIL NUMBER	WORK AREA CTR FUEL TANK	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY	
STATION	SKILL ELEC	NOTE			AIRPLANE ALL	ENGINE ALL
		ACCESS 131AB 531AB 531BB 631AB 631BB			ZONE 131 132 531 631	

Inspect (detailed) in-tank tubing and equipment static ground straps and clamps for condition, security and other degradation. (SFAR 88)

INTERVAL NOTE: Perform concurrently with other tank inspections to minimize tank entries and possible accidental damage.

A. References

Reference	Title
AMM 28-00-00-200-801	Electrical Bonding Jumpers in the Fuel System - Inspection (P/B 201)
AMM 28-11-31-000-801	Center Tank Access Door Removal (P/B 401)
AMM 28-11-31-400-801	Center Tank Access Door - Installation (P/B 401)

EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING STATIC GROUND STRAPS AND CLAMPS, CENTER TANK (SFAR 88)
		D633A109-AKS 28-140-00-03

Page 1 of 6
Oct 15/2014

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-140-00-03
				MECH INSP
To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801				
SUBTASK 28-00-00-280-038				
(3) For the area in the center tank on the right side between rib No. 4 and rib No. 5 (tank end), do these steps:				
(a) Remove this access panel:				
Number Name/Location				
631BB Center Tank Access Door - Wing Station 192				
To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801				
(b) Go into the opening for:				
Number Name/Location				
631BB Center Tank Access Door - Wing Station 192				
(c) For all bonding jumpers between Rib No. 4 and Rib No. 5, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
631BB Center Tank Access Door - Wing Station 192				
To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801				
SUBTASK 28-00-00-280-039				
(4) For the area in the center tank on the right side between rib No. 1 (side of body rib) and rib No. 4, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
631AB Center Tank Access Door - Wing Station 168				
To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801				
(b) Go into the opening for:				
Number Name/Location				
631AB Center Tank Access Door - Wing Station 168				
(c) For all bonding jumpers between Rib No. 1 and Rib No. 4, do this task: Electrical Bonding Jumpers in the Fuel System - Inspection, AMM TASK 28-00-00-200-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
631AB Center Tank Access Door - Wing Station 168				
To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801				
SUBTASK 28-00-00-280-040				
(5) For the area of the center tank in the center wing section, do these steps:				

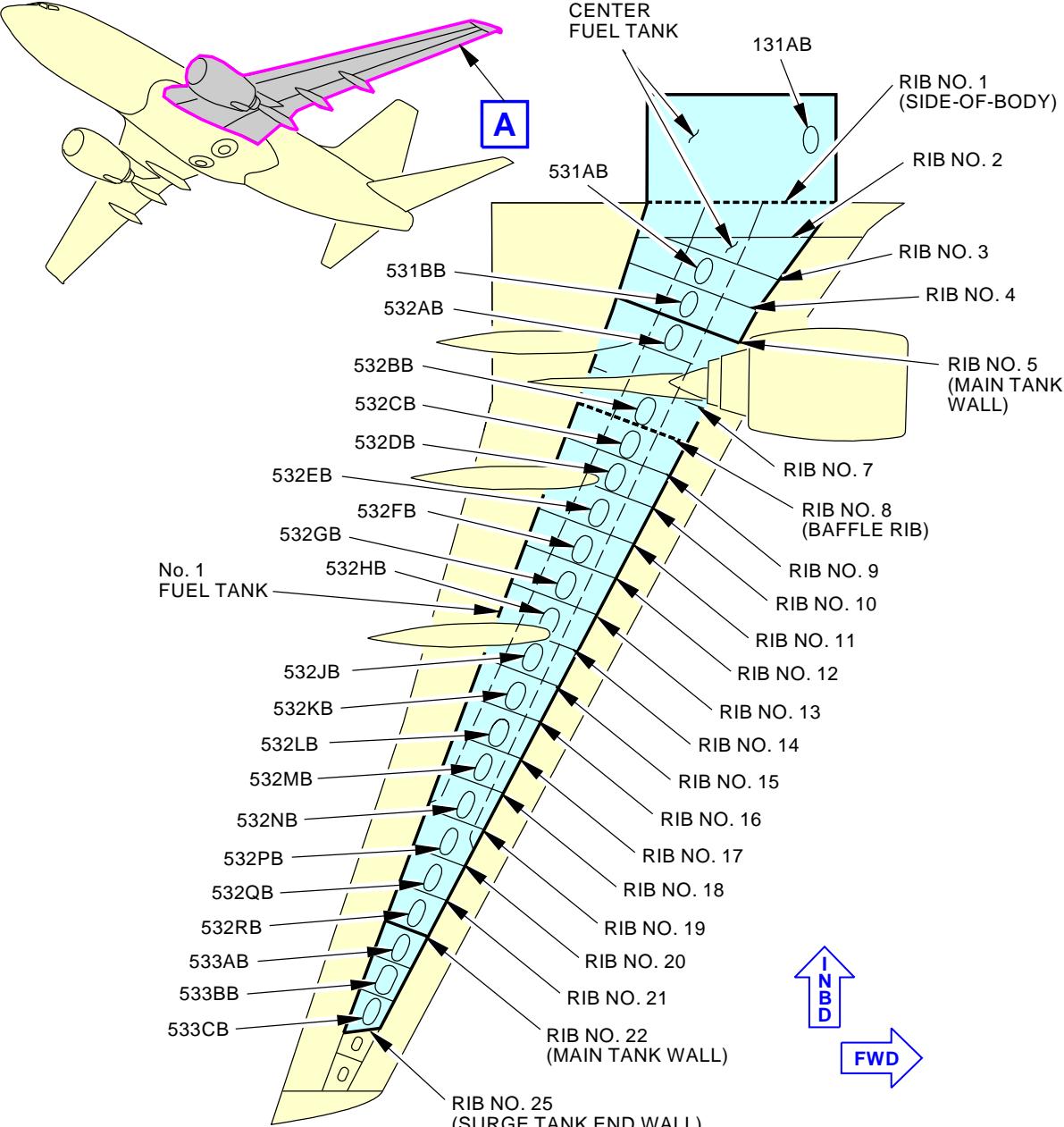
EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING STATIC GROUND STRAPS AND CLAMPS, CENTER TANK (SFAR 88)
		D633A109-AKS 28-140-00-03

AKS



737-600/700/800/900 TASK CARDS

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-140-00-03
 <p>FUEL TANK ACCESS DOORS (LEFT WING, BOTTOM VIEW)</p> <p>A</p> <p>Fuel Tank - Left Wing Figure 1</p> <p>M26429 S0006571154_V3</p>				
EFFECTIVITY AKS ALL	SOURCE MRB	INSPECT (DETAILED) THE TUBING STATIC GROUND STRAPS AND CLAMPS, CENTER TANK (SFAR 88)	D633A109-AKS 28-140-00-03	Page 5 of 6 Jun 15/2015

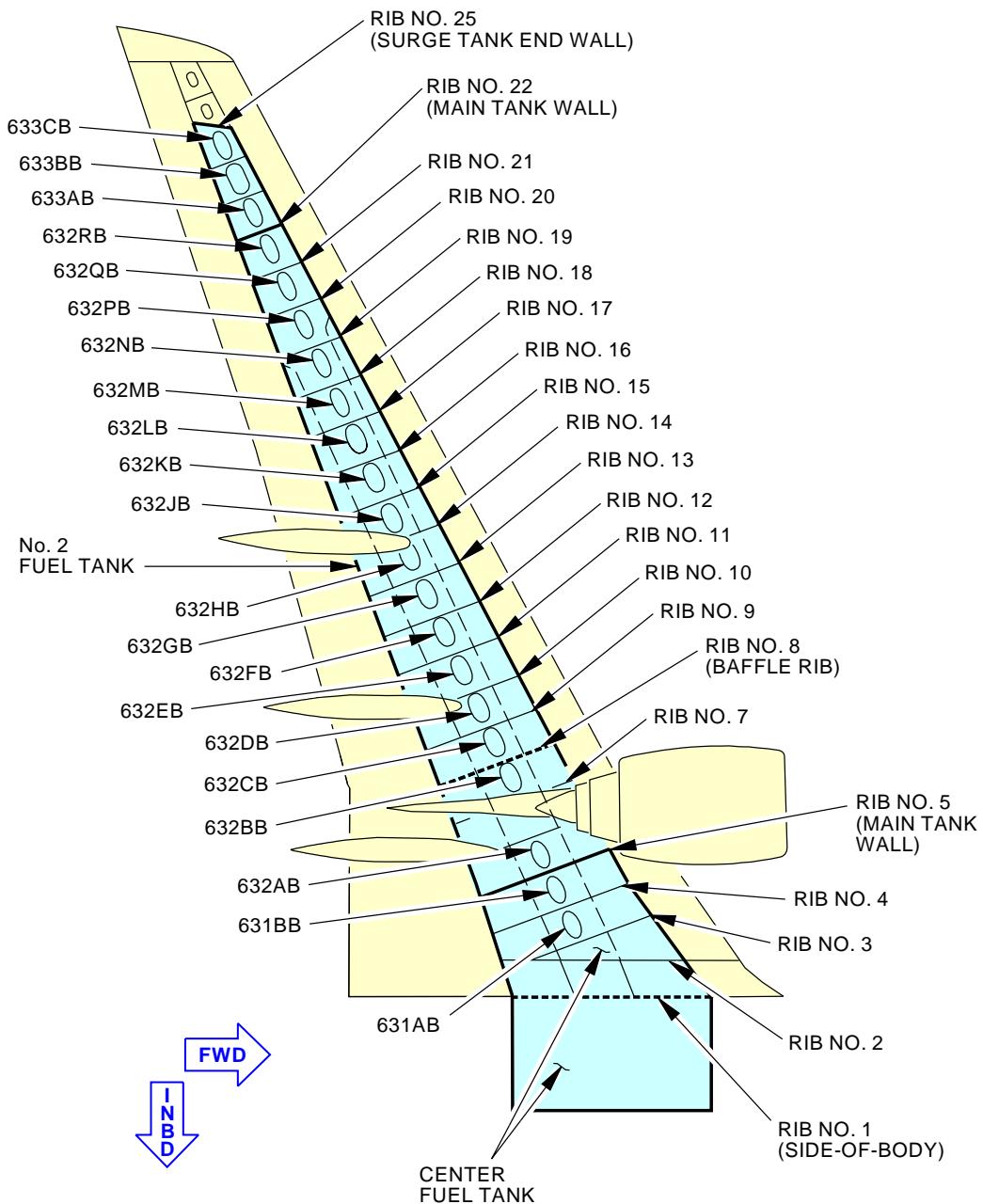
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-140-00-03**Fuel Tank - Right Wing
Figure 2**

M26591 S0006571155_V4

EFFECTIVITY
AKS ALLSOURCE
MRB**INSPECT (DETAILED) THE TUBING STATIC GROUND STRAPS
AND CLAMPS, CENTER TANK (SFAR 88)****D633A109-AKS
28-140-00-03****Page 6 of 6
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)			BOEING CARD NO. 28-150-00-01	
DATE	TASK FUNCTIONAL				RELATED CARD	
TAIL NUMBER	WORK AREA LEFT WING	VERSION 1.1	THRESHOLD 6 YR	REPEAT 6 YR	APPLICABILITY	
STATION	SKILL ELEC				AIRPLANE ALL	ENGINE ALL
		ACCESS			ZONE 131 531	

Perform a functional check (resistance measurement) the bonding between fuel pumps and adjoining structure for the left and center pumps located external to the left wing fuel tank. (SFAR 88)

A. References

Reference	Title
AMM 27-11-00-820-802	Pogo and Power Control Unit (PCU) Adjustment (P/B 501)
AMM 27-81-00-860-803	Leading Edge Flaps and Slats Extension (P/B 201)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)
SWPM 20-20-00	Electrical Bonding Processes
SWPM 20-20-10	REPLACEMENT OF GROUND STUDS AND BONDING JUMPER INSTALLATION

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-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
SPL-1585	Kit - Rigging Pins, All Systems Part #: F70207-109 Supplier: 81205

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-150-00-01
				MECH INSP
SFAR 88				
TASK 28-00-00-760-801				
1. Fuel System Fault Current, Left Side - Inspection (Figure 1, Figure 2, Figure 3, Figure 4, Figure 5)				
A. Procedure				
SUBTASK 28-00-00-760-005				
(1) Do these steps to do an inspection of the aft boost pump for the No. 1 tank:				
(a) To get access to the motor impeller of the aft fuel boost pump for the No. 1 tank, go through the applicable left main shock strut door.				
(b) Do a check of the electrical bond between the aft fuel boost pump for the No. 1 tank and the airplane structure with an electrical intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00).				
1) Make sure the resistance is 0.001 ohm (1 milliohm) or less.				
SUBTASK 28-00-00-760-006				
(2) Do these steps to do an inspection of the forward boost pump for the No. 1 tank:				
WARNING: MAKE SURE THAT PERSONNEL AND EQUIPMENT STAY AWAY FROM THE LEADING EDGE FLAPS AND SLATS, TRAILING EDGE FLAPS, AND DRIVE MECHANISMS. THE FLAPS, SLATS, AND DRIVE MECHANISMS MOVE QUICKLY. THIS CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.				
(a) To get access to the motor impeller of the forward fuel boost pump for the No. 1 tank, do this task: Leading Edge Flaps and Slats Extension, AMM TASK 27-81-00-860-803.				
(b) Do a check of the electrical bond between the forward fuel boost pump for the No. 1 tank and the airplane structure (SWPM 20-20-00, SWPM 20-20-10).				
1) Make sure the resistance is 0.001 ohm (1 milliohm) or less.				
SUBTASK 28-00-00-760-007				
(3) Do these steps to do an inspection of the left center boost pump:				
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.				
(a) If downlock pins are not installed, do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
(b) If you are unable to get access to the left center tank fuel boost pump, do the steps that follow:				
1) Remove the pin [28], nut [27], washer [26], bushing [24], washers [22], and bolts [23] to disconnect the pogo [21] from the power control unit [25]:				
NOTE: Be careful not to change the length of the pogo. If you change the length of the pogo, it will be necessary to re-adjust the length when you re-install it.				
EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)		
		D633A109-AKS 28-150-00-01		
				Page 2 of 13 Feb 15/2016

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-150-00-01	MECH	INSP

2) Remove the bolts [29] and washers [30] to disconnect the bracket assembly from the power control unit [1].

3) Pull the pogo [21] aft, away from the rear spar of the center tank to get access to the left center tank boost pump.

NOTE: It is not necessary to remove the bolt at the left of the pogo that attaches the pogo to the aileron feel and centering unit.

(c) Do a check of the electrical bond between the left center fuel boost pump and the airplane structure (SWPM 20-20-00, SWPM 20-20-10).

1) Make sure the resistance is 0.001 ohm (1 milliohm) or less.

(d) If you removed the pogo [21], then do these steps to install the pogo [21]:

NOTE: Be careful not to change the length of the pogo.

1) Connect the bracket assemblies to the power control unit [25] with bolts [29] and washers [30].

2) Connect the pogo [21] to the power control unit [25] with bolt [23], washer [22], bushing [24], washer [26], nut [27] and pin [28].

NOTE: You must install the bolt [23] with the bolt head up.

3) Make sure you can easily install and remove the rig pin A/S-4, from the rig pin kit, SPL-1585, in the aileron bus drum (AMM TASK 27-11-00-820-802).

4) If you cannot easily install and remove the rig pin A/S-4, do this task: Pogo and Power Control Unit (PCU) Adjustment, AMM TASK 27-11-00-820-802.

NOTE: This step should not be necessary if the length of the pogo was not changed while it was removed.

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
	D633A109-AKS 28-150-00-01	Page 3 of 13 Feb 15/2015

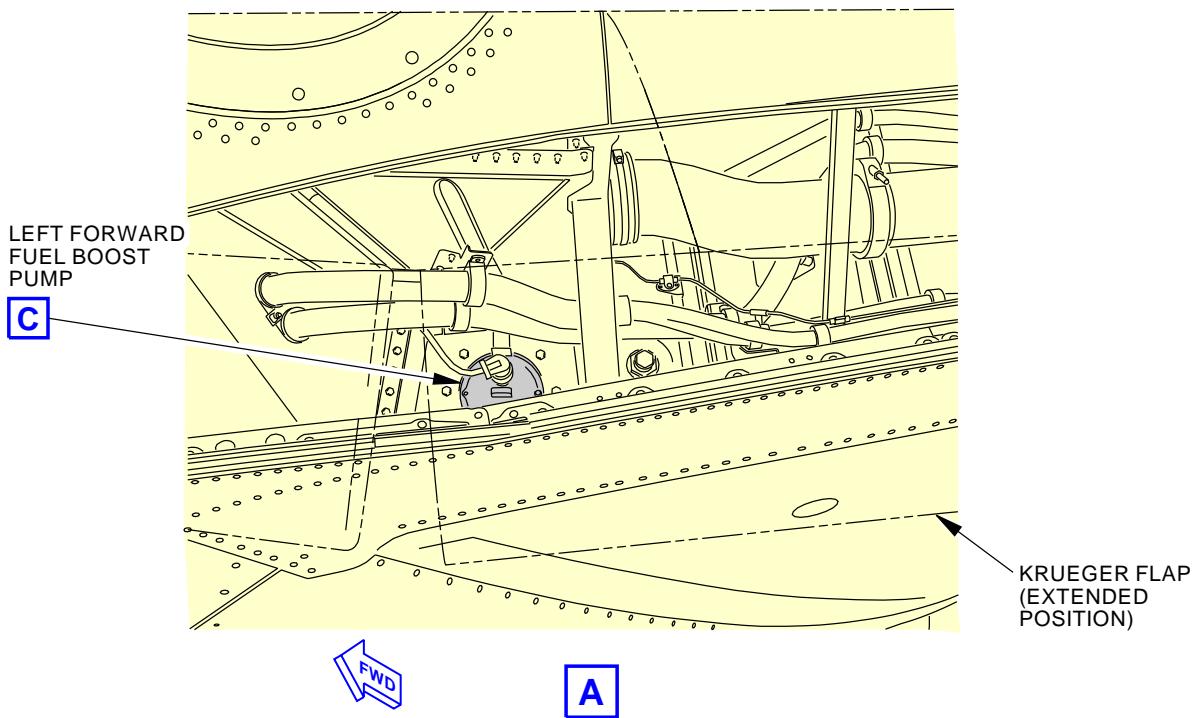
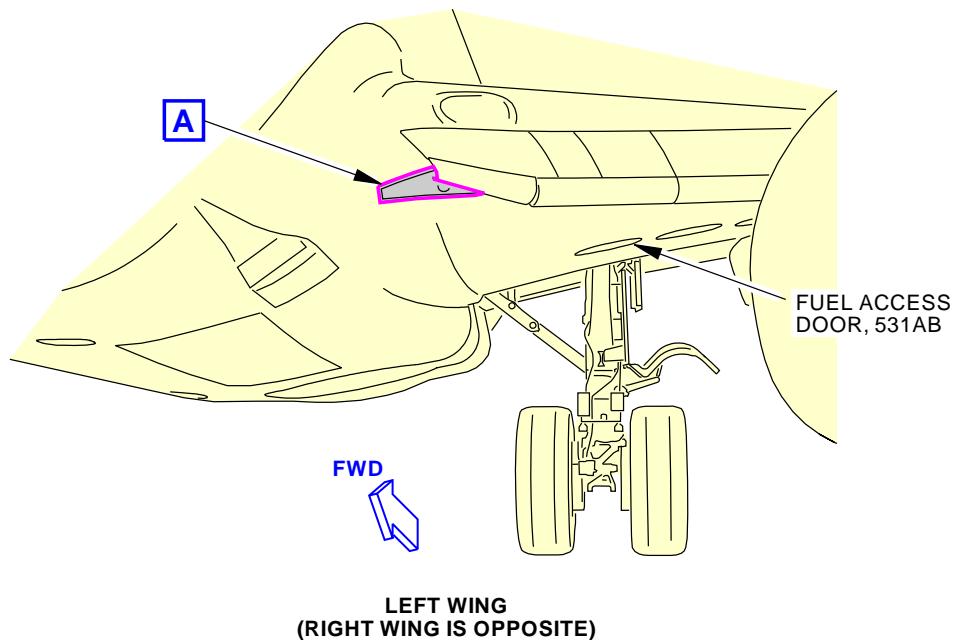
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-01

No. 1 or 2 Tank Fuel Boost Pump Location
Figure 1 (Sheet 1 of 3)

M26431 S0006571159_V2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

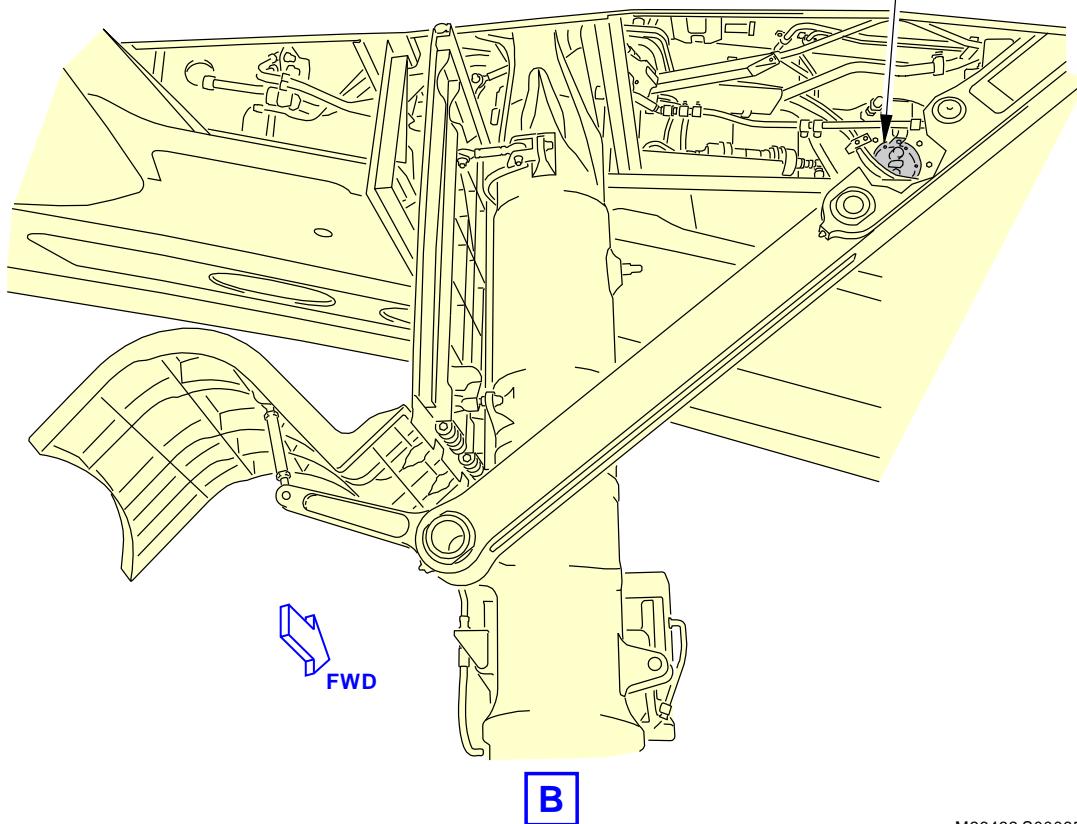
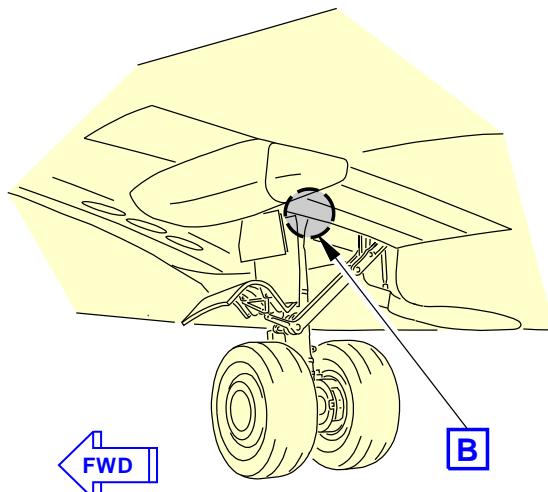
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-01

No. 1 or 2 Tank Fuel Boost Pump Location
Figure 1 (Sheet 2 of 3)

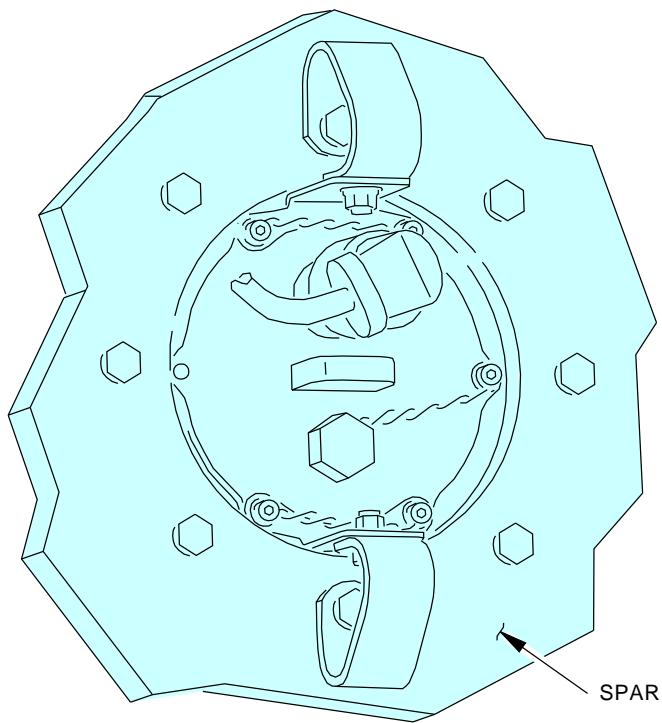
M26432 S0006571160_V2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

Page 5 of 13
Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-150-00-01

**FUEL BOOST PUMP
(EXAMPLE)****C****No. 1 or 2 Tank Fuel Boost Pump Location
Figure 1 (Sheet 3 of 3)**

M26433 S0006571161_V2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

**Page 6 of 13
Jun 15/2015**

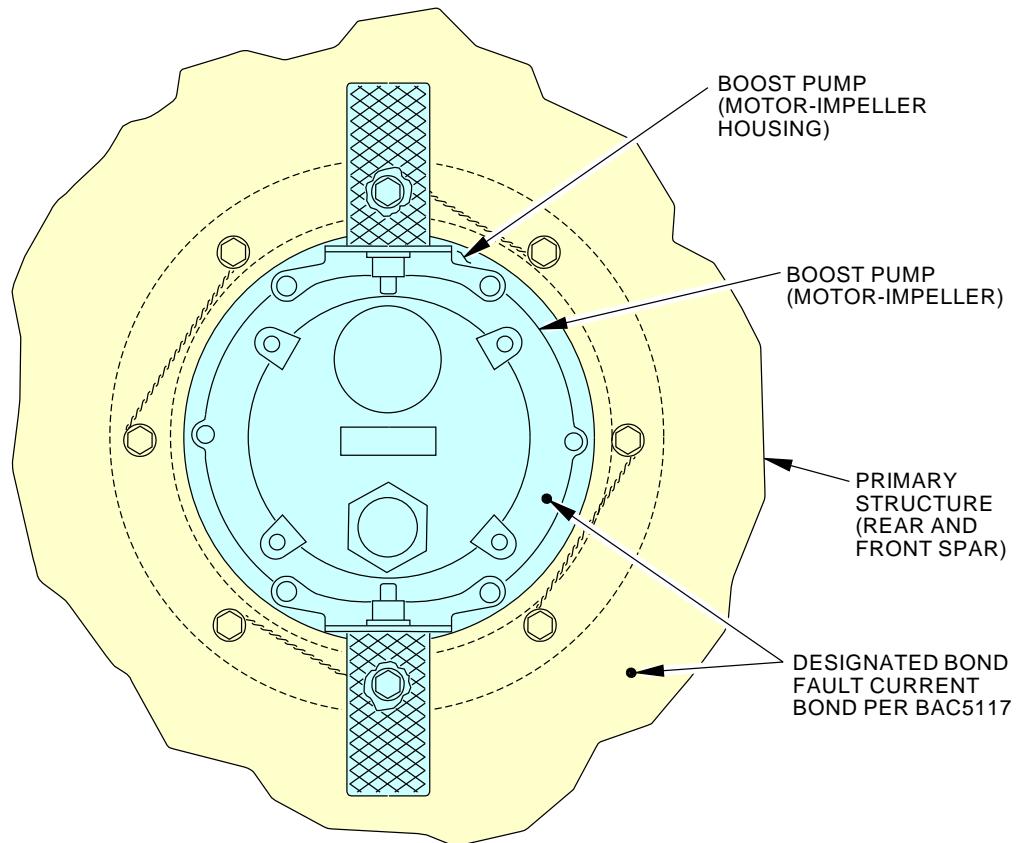
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-01**NOTE:**

MEASURE RESISTANCE PER BAC5117-4. MEASURE PUMP
MOTOR-IMPELLER AT POINTS INDICATED TO THE
PRIMARY STRUCTURE $<0.001\Omega$.

W24268 S0006571162_V4

**No. 1 or No. 2 Tank Boost Pump Resistance Measurement - Probe Locations
Figure 2**

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

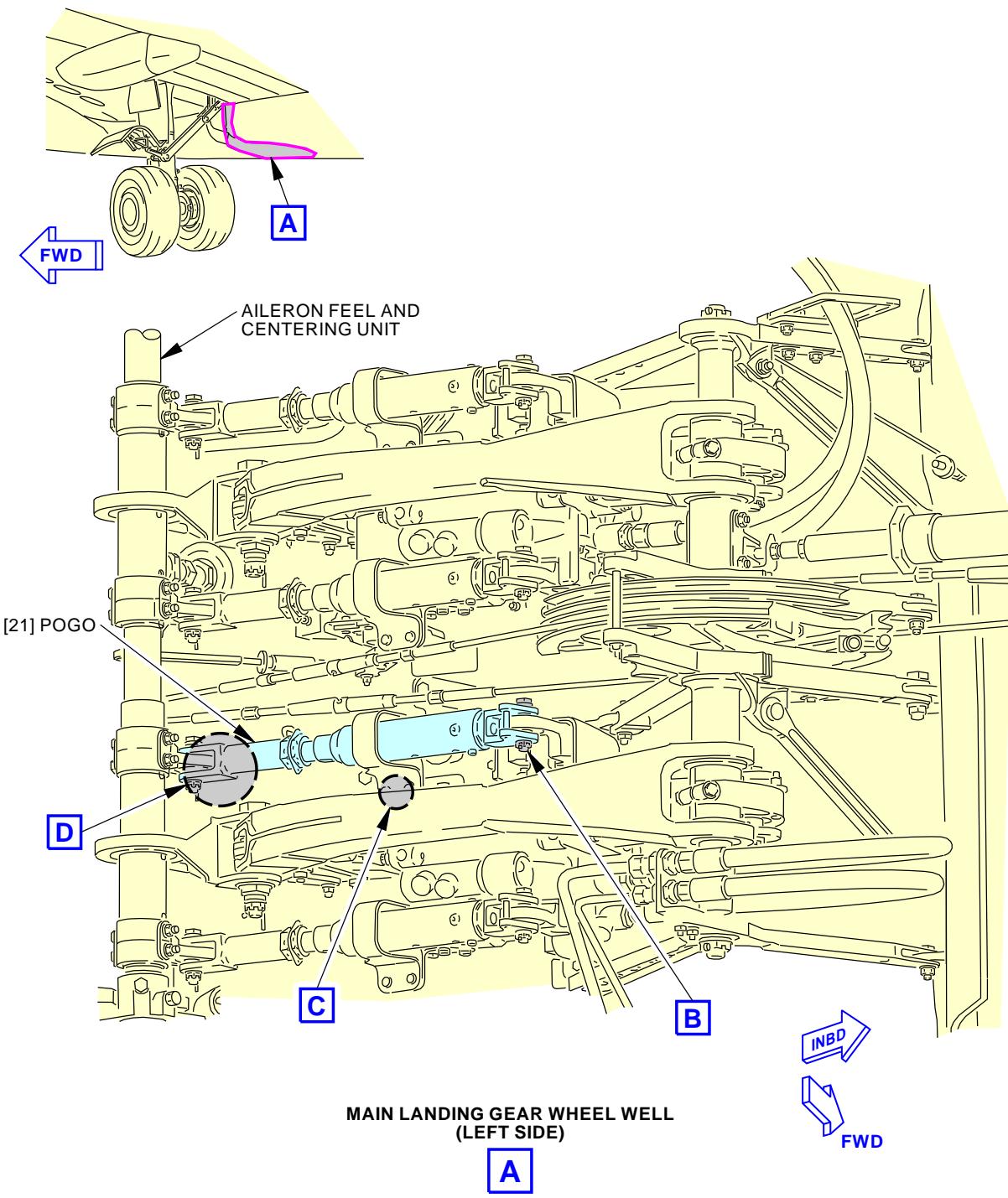
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-01

Left Center Tank Fuel Boost Pump Access
Figure 3 (Sheet 1 of 3)

M26434 S0006571163_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO
STRUCTURE - LEFT WING (SFAR 88)****D633A109-AKS**
28-150-00-01**Page 8 of 13**
Jun 15/2015

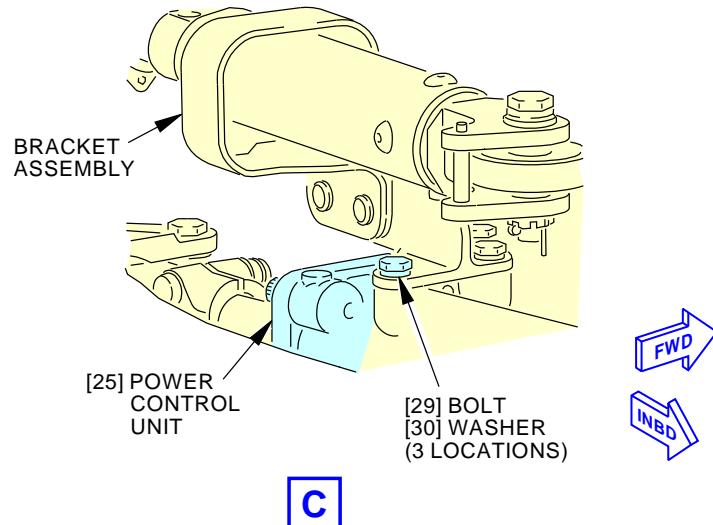
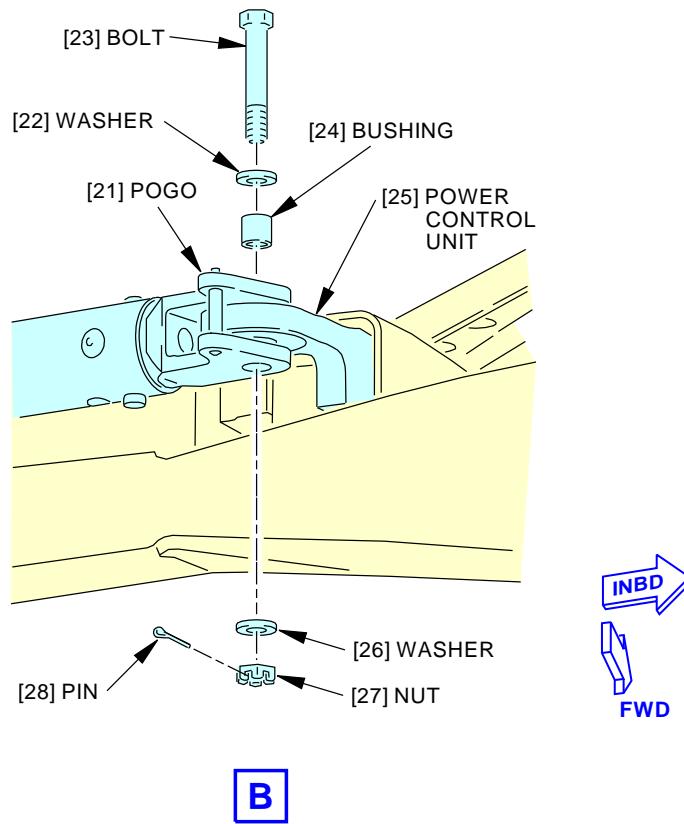
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-01

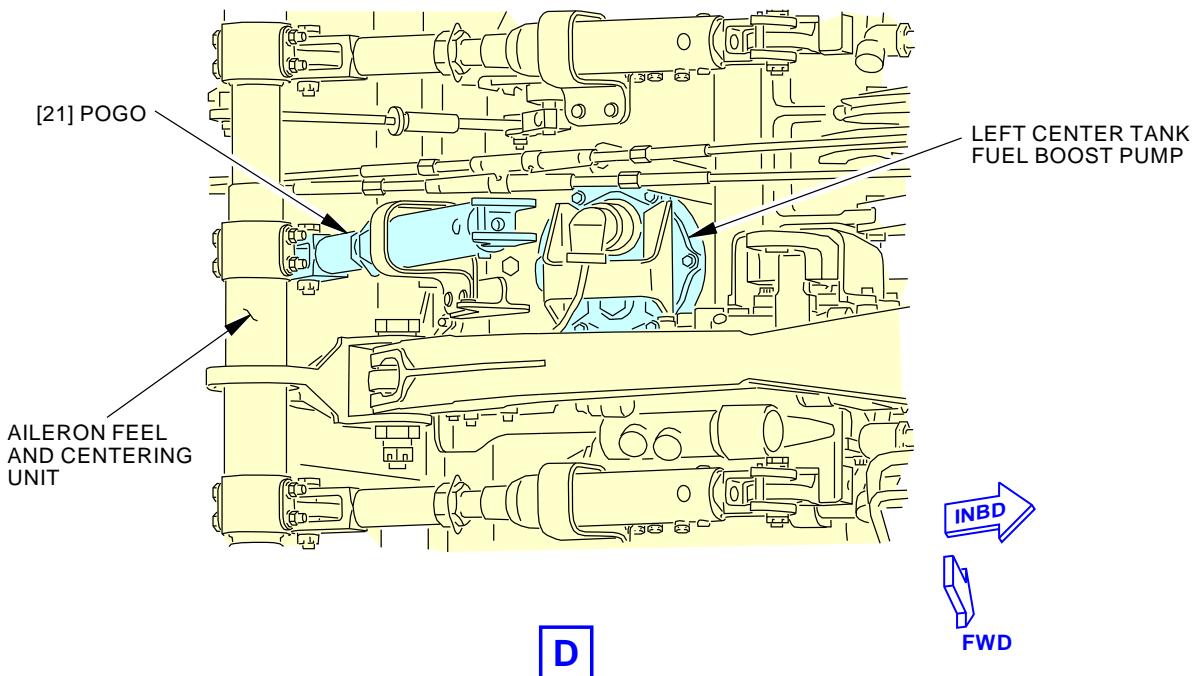
Left Center Tank Fuel Boost Pump Access
Figure 3 (Sheet 2 of 3)

M26435 S0006571164_V2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-150-00-01
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M26438 S0006571165_V2
Left Center Tank Fuel Boost Pump Access
Figure 3 (Sheet 3 of 3)

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

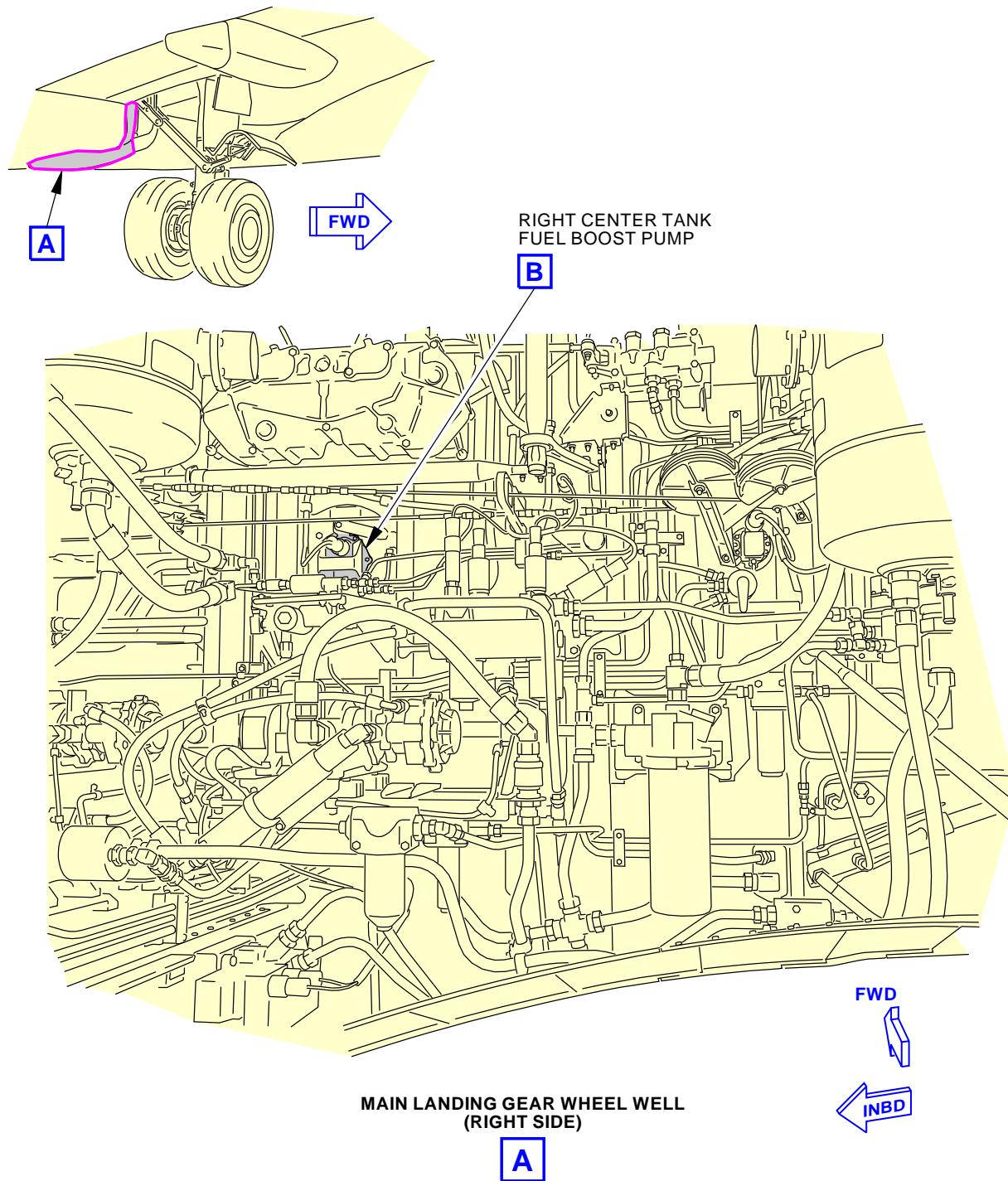
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-01

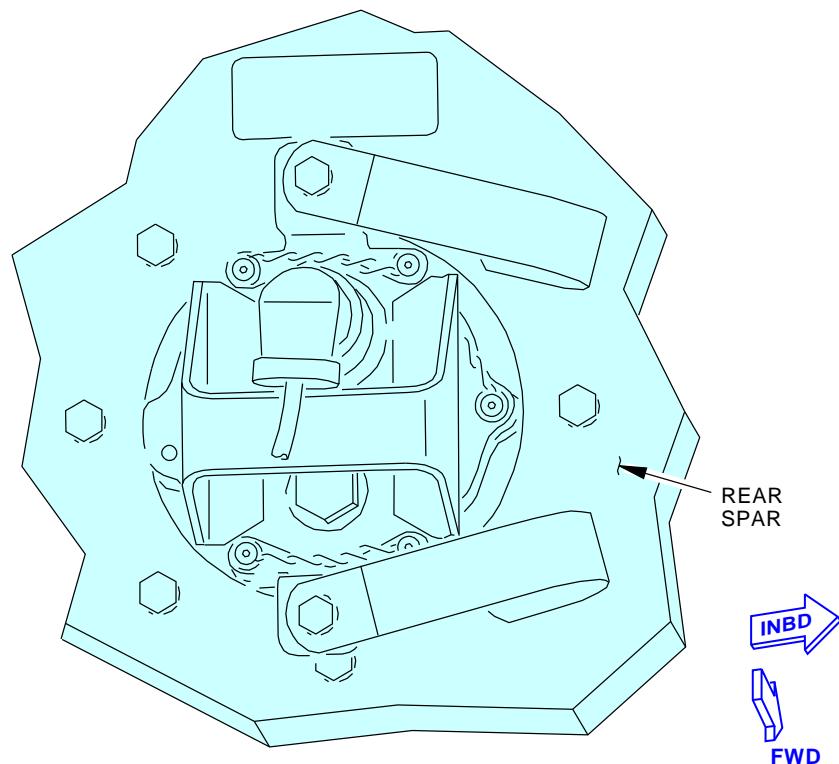
**Right Center Tank Fuel Boost Pump Location
Figure 4 (Sheet 1 of 2)**

M26441 S0006571166_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO
STRUCTURE - LEFT WING (SFAR 88)****D633A109-AKS
28-150-00-01****Page 11 of 13
Jun 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-150-00-01



Right Center Tank Fuel Boost Pump Location
Figure 4 (Sheet 2 of 2)

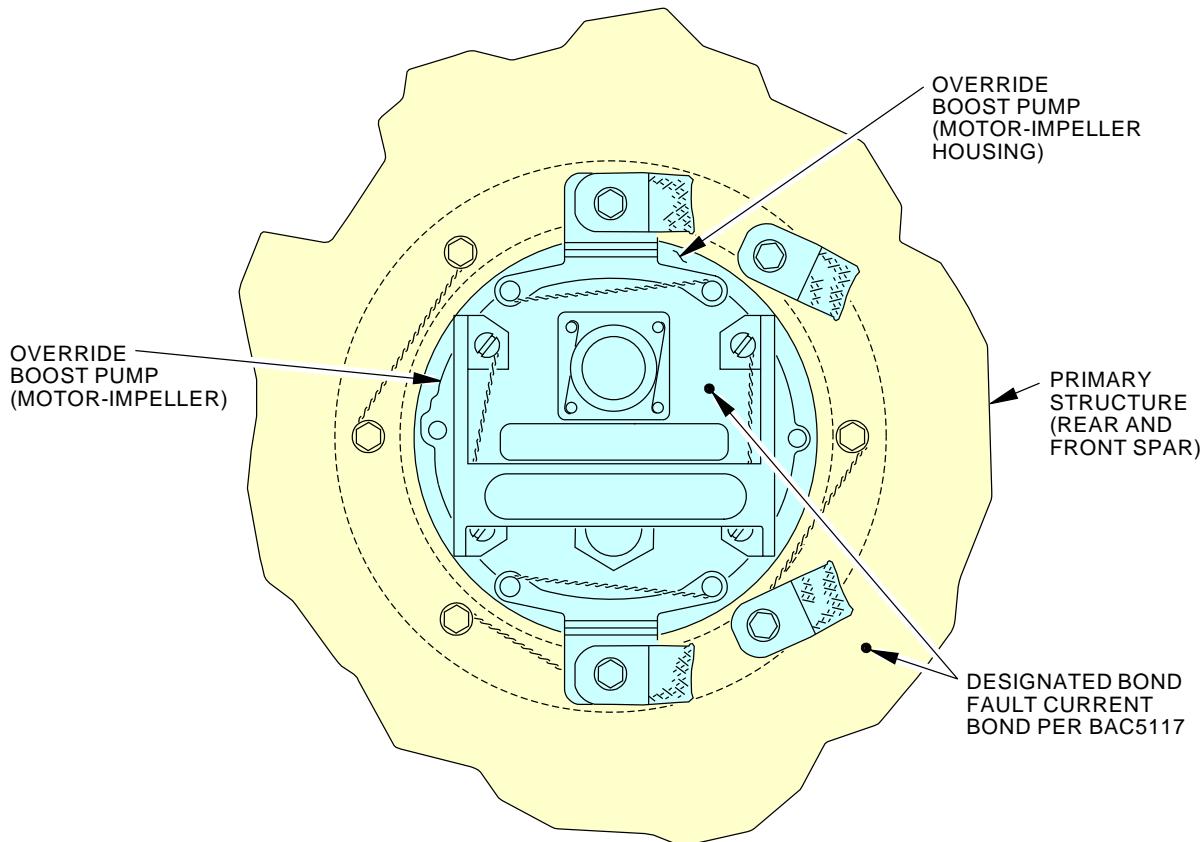
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EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

Page 12 of 13
Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-150-00-01

**NOTE:**

MEASURE RESISTANCE PER BAC5117-4. MEASURE PUMP MOTOR-IMPELLER AT POINTS INDICATED TO THE PRIMARY STRUCTURE $<0.001\Omega$.

W24269 S0006571168_V4

Center Tank Boost Pump Resistance Measurement - Probe Locations
Figure 5

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - LEFT WING (SFAR 88)
		D633A109-AKS 28-150-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (SFAR 88)			BOEING CARD NO. 28-150-00-02	
DATE	TASK FUNCTIONAL				RELATED CARD	
TAIL NUMBER	WORK AREA R WING TE	VERSION 1.1	THRESHOLD 6 YR	REPEAT 6 YR	APPLICABILITY	
STATION	SKILL ELEC				AIRPLANE ALL	ENGINE ALL
		ACCESS			ZONE 132 631	

Perform a functional check (resistance measurement) the bonding between fuel pumps and adjoining structure for the right and center pumps located external to the right wing fuel tank. (SFAR 88)

A. References

Reference	Title
AMM 27-81-00-860-803	Leading Edge Flaps and Slats Extension (P/B 201)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)
SWPM 20-20-00	Electrical Bonding Processes
SWPM 20-20-10	REPLACEMENT OF GROUND STUDS AND BONDING JUMPER INSTALLATION

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-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

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (SFAR 88)
		D633A109-AKS 28-150-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-150-00-02
				MECH INSP
► SFAR 88				
TASK 28-00-00-760-802				
1. Fuel System Fault Current, Right Side - Inspection (Figure 1, Figure 2, Figure 3, Figure 4)				
A. Procedure				
SUBTASK 28-00-00-760-008				
(1) Do these steps to do an inspection of the aft boost pump for the No. 2 tank:				
(a) To get access to the motor impeller of the aft fuel boost pump for the No. 2 tank, go through the applicable right main shock strut door.				
(b) Do a check of the electrical bond between the aft fuel boost pump for the No. 2 tank and the airplane structure with an electrical intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00, SWPM 20-20-10).				
1) Make sure the resistance is 0.001 ohm (1 milliohm) or less.				
SUBTASK 28-00-00-760-009				
(2) Do these steps to do an inspection of the forward boost pump for the No. 2 tank:				
WARNING: MAKE SURE THAT PERSONNEL AND EQUIPMENT STAY AWAY FROM THE LEADING EDGE FLAPS AND SLATS, TRAILING EDGE FLAPS, AND DRIVE MECHANISMS. THE FLAPS, SLATS, AND DRIVE MECHANISMS MOVE QUICKLY. THIS CAN CAUSE INJURIES TO PERSONNEL AND DAMAGE TO EQUIPMENT.				
(a) To get access to the motor impeller of the forward fuel boost pump for the No. 2 tank, do this task: Leading Edge Flaps and Slats Extension, AMM TASK 27-81-00-860-803				
(b) Do a check of the electrical bond between the forward fuel boost pump for the No. 2 tank and the airplane structure (SWPM 20-20-00, SWPM 20-20-10).				
1) Make sure the resistance is 0.001 ohm (1 milliohm) or less.				
SUBTASK 28-00-00-760-010				
(3) Do these steps to do an inspection of the right center boost pump:				
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.				
(a) If downlock pins are not installed, do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
(b) Do a check of the electrical bond between the right center fuel boost pump and the airplane structure (SWPM 20-20-00, SWPM 20-20-10).				
1) Make sure the resistance is 0.001 ohm (1 milliohm) or less.				
— END OF TASK —				

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (Sfar 88)
		D633A109-AKS 28-150-00-02

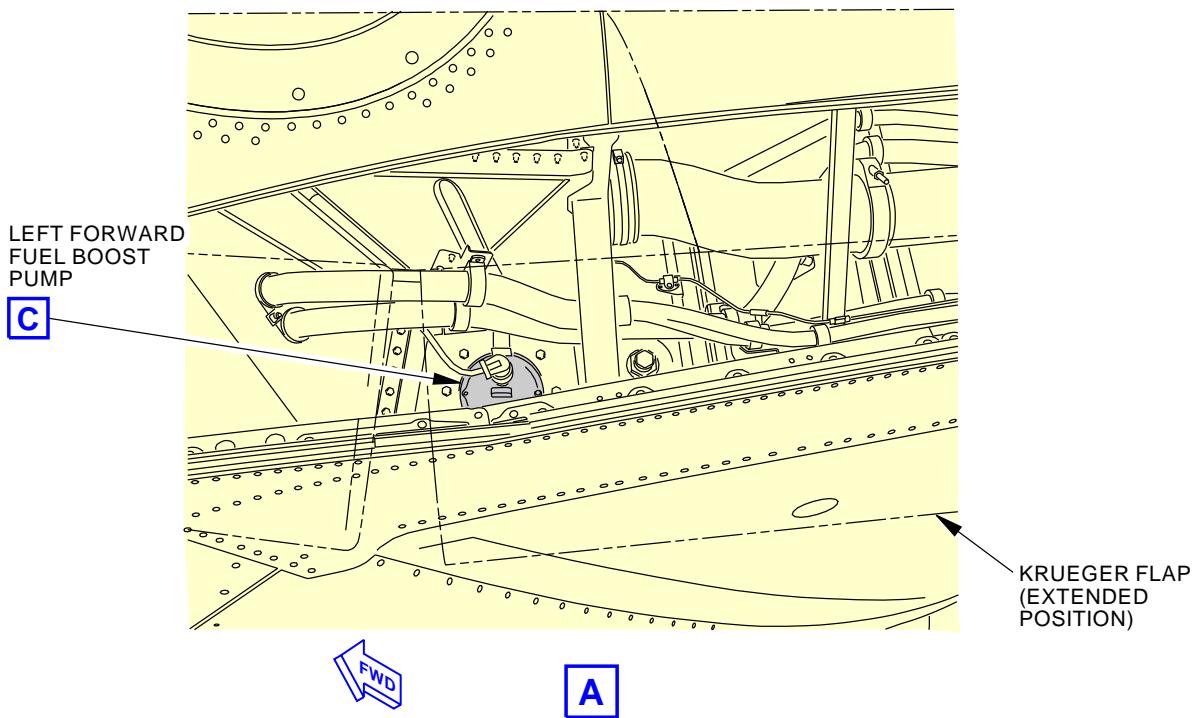
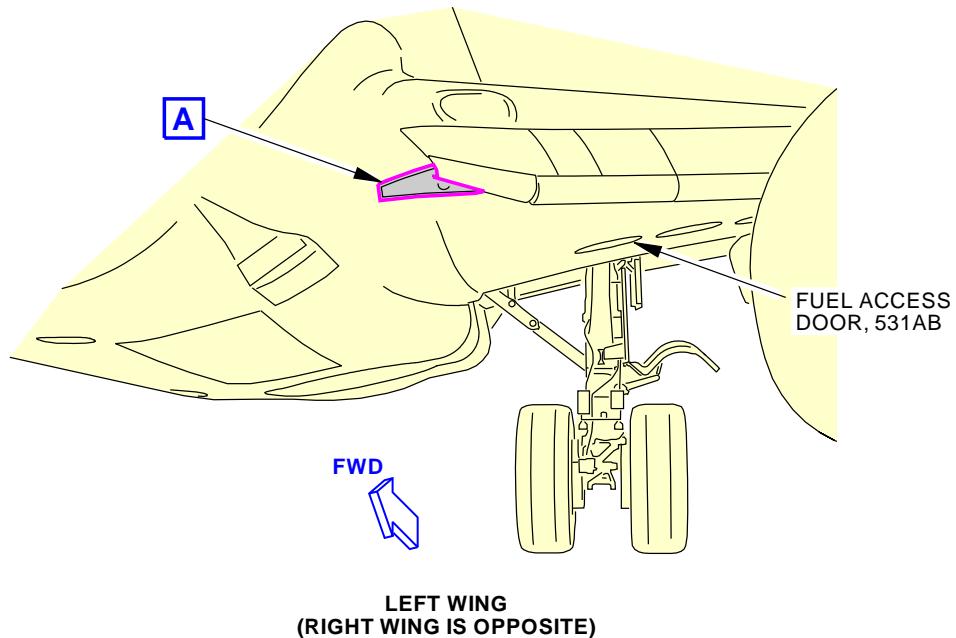
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-02

No. 1 or 2 Tank Fuel Boost Pump Location
Figure 1 (Sheet 1 of 3)

M26431 S0006571159_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO
STRUCTURE - RIGHT WING (SFAR 88)****D633A109-AKS
28-150-00-02****Page 3 of 9
Jun 15/2015**

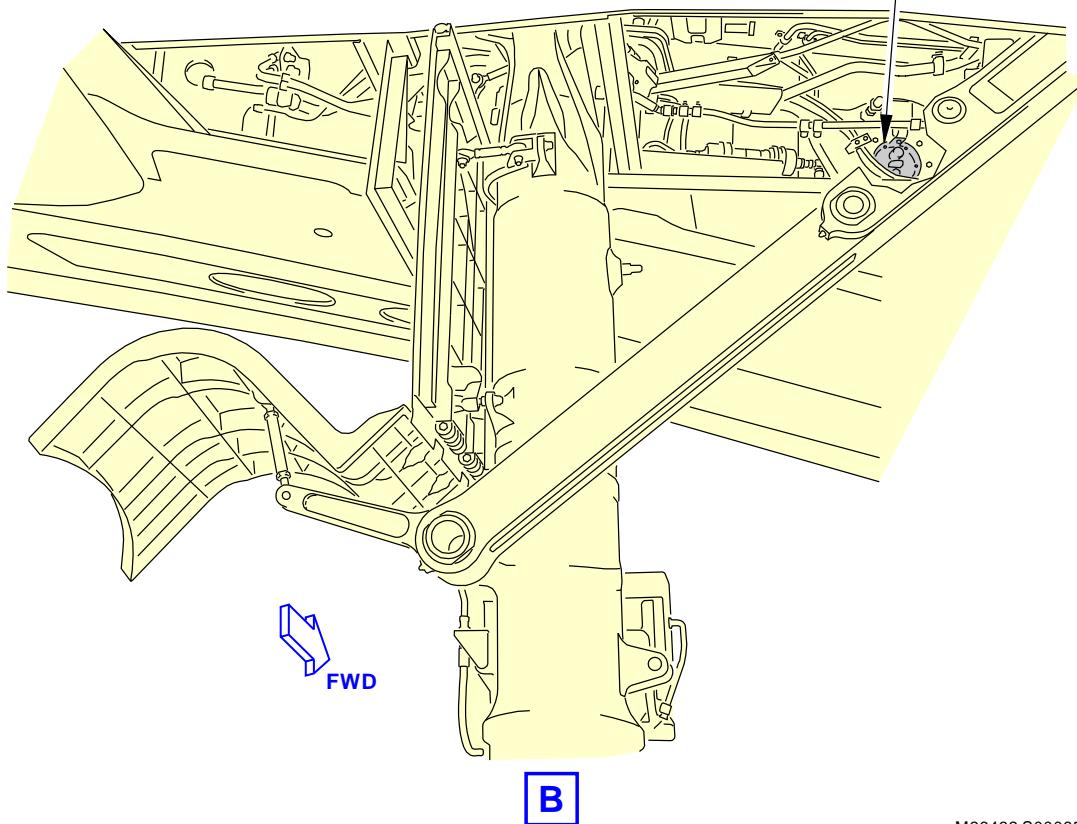
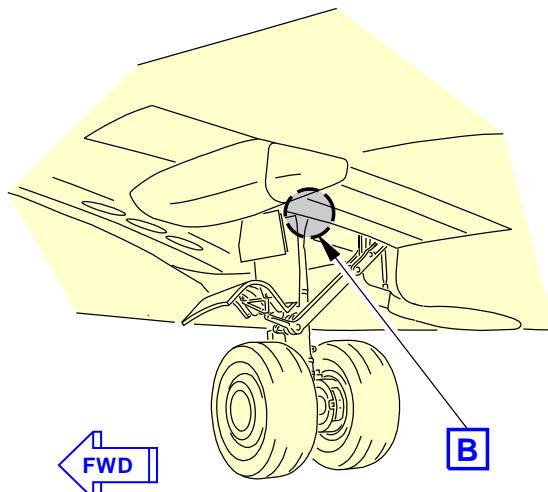
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-02

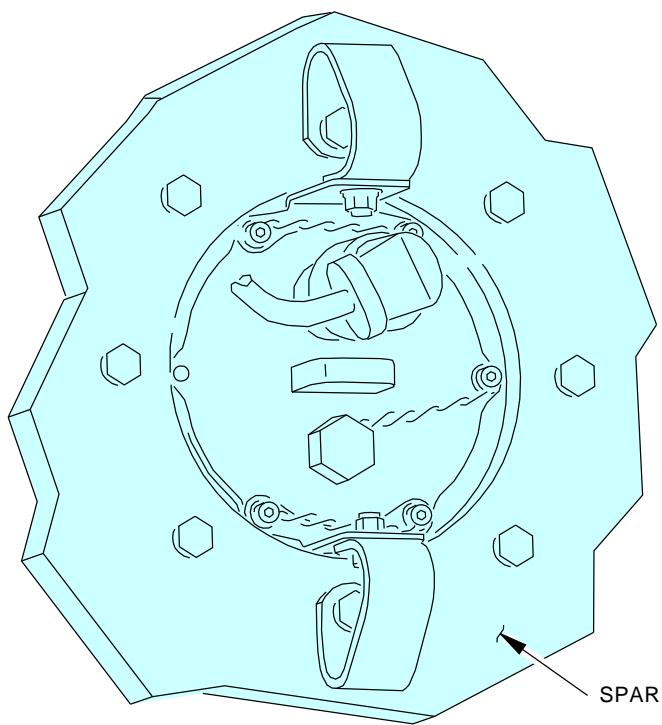
**No. 1 or 2 Tank Fuel Boost Pump Location
Figure 1 (Sheet 2 of 3)**

M26432 S0006571160_V2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (SFAR 88)
		D633A109-AKS 28-150-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-150-00-02

**FUEL BOOST PUMP
(EXAMPLE)****C**

M26433 S0006571161_V2

**No. 1 or 2 Tank Fuel Boost Pump Location
Figure 1 (Sheet 3 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (SFAR 88)
		D633A109-AKS 28-150-00-02

**Page 5 of 9
Jun 15/2015**

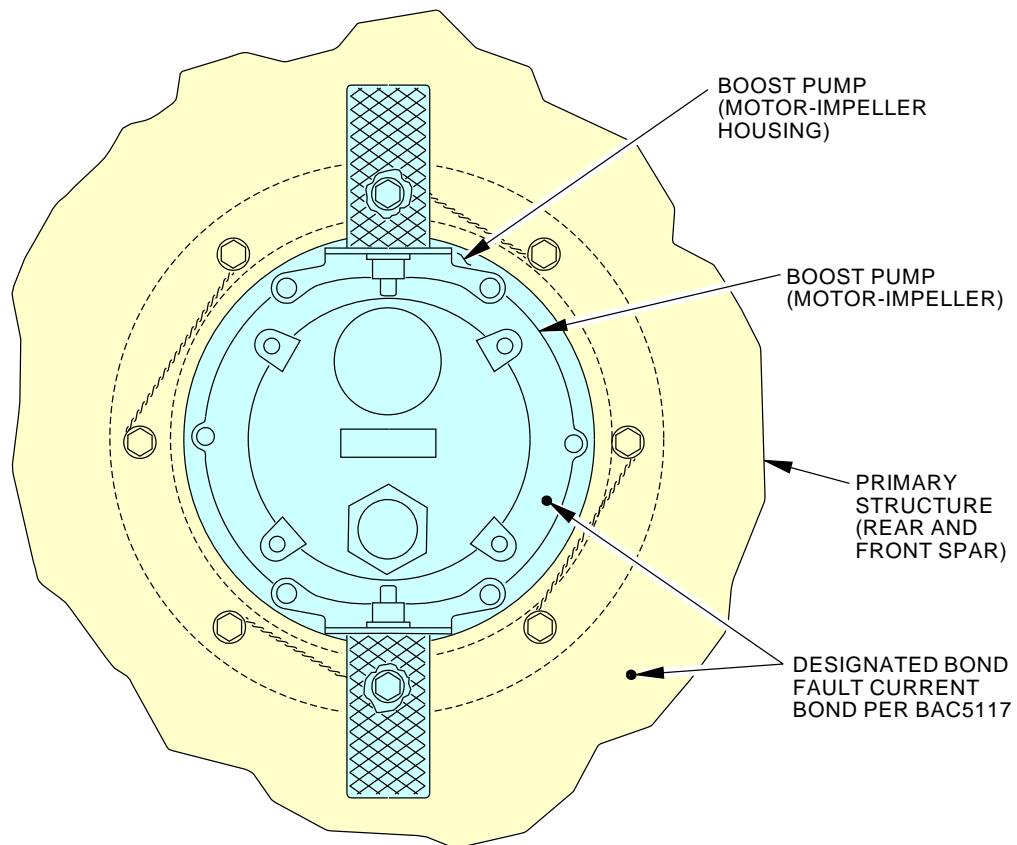
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-02**NOTE:**

MEASURE RESISTANCE PER BAC5117-4. MEASURE PUMP
MOTOR-IMPELLER AT POINTS INDICATED TO THE
PRIMARY STRUCTURE $<0.001\Omega$.

W24268 S0006571162_V4

**No. 1 or No. 2 Tank Boost Pump Resistance Measurement - Probe Locations
Figure 2**

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (SFAR 88)
		D633A109-AKS 28-150-00-02

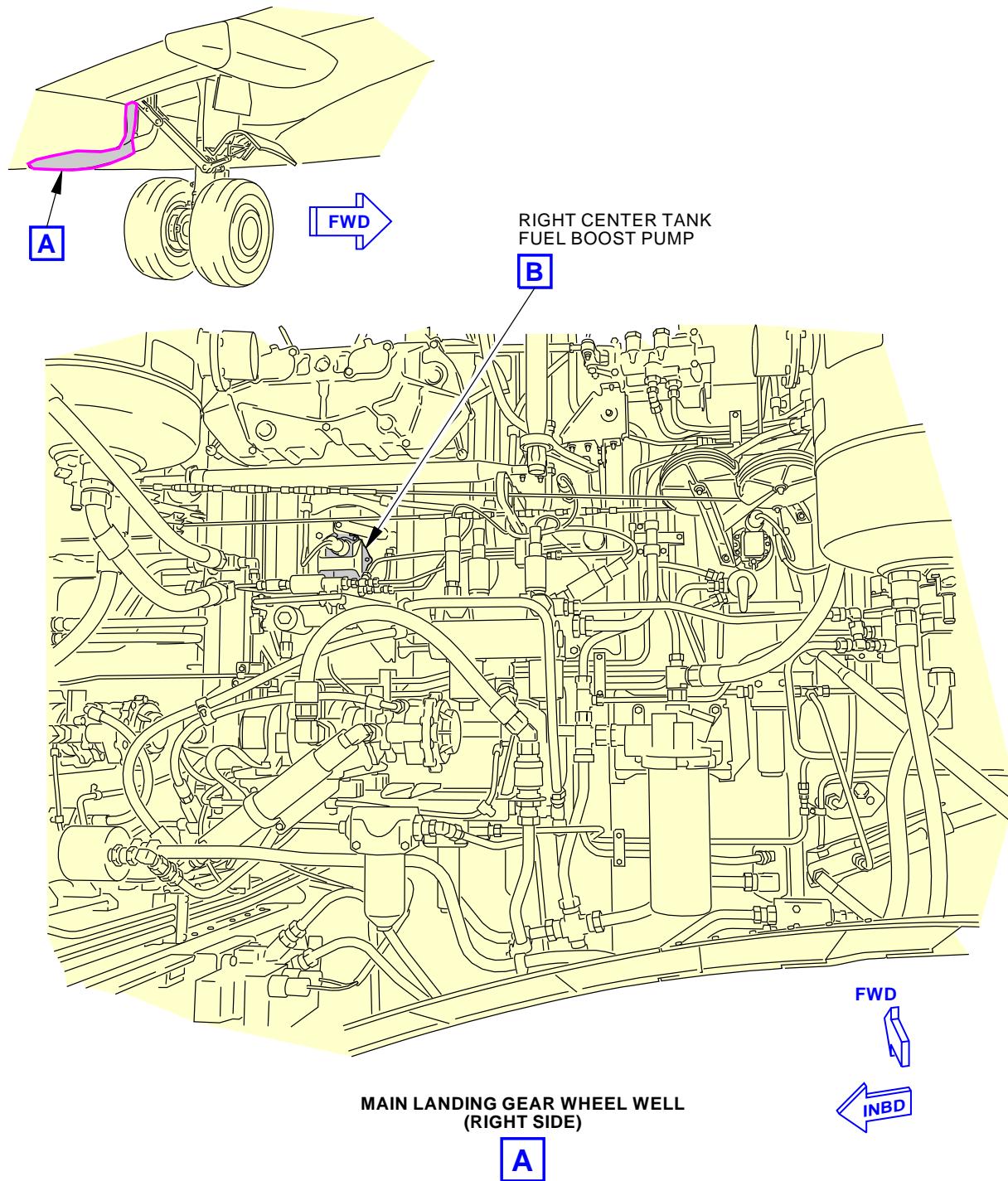
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-150-00-02

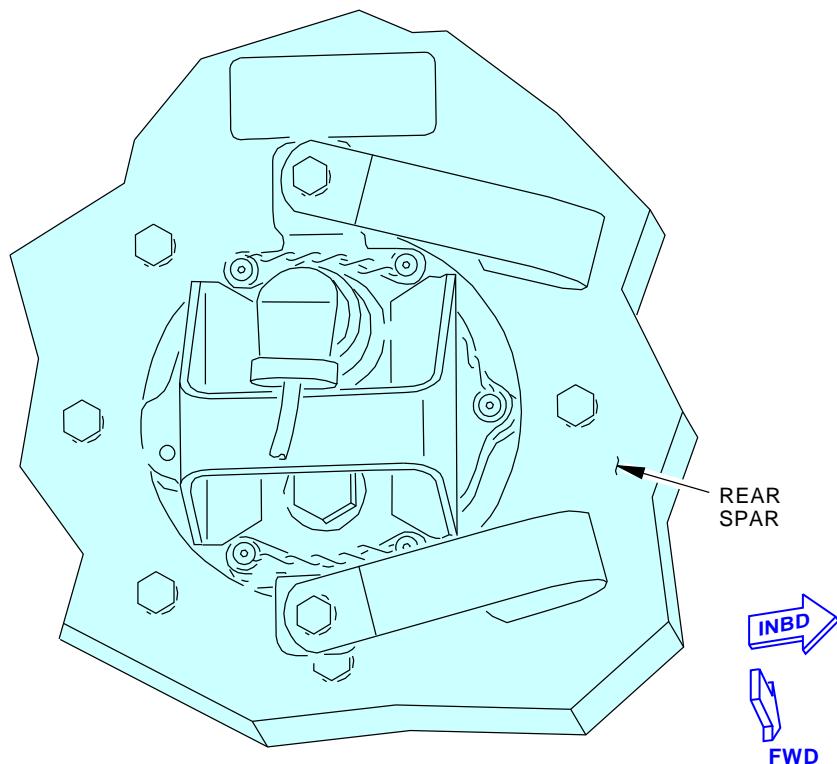
**Right Center Tank Fuel Boost Pump Location
Figure 3 (Sheet 1 of 2)**

M26441 S0006571166_V2

EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO
STRUCTURE - RIGHT WING (SFAR 88)****D633A109-AKS
28-150-00-02****Page 7 of 9
Jun 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-150-00-02

**RIGHT CENTER TANK FUEL BOOST PUMP****B**

M26443 S0006571167_V2

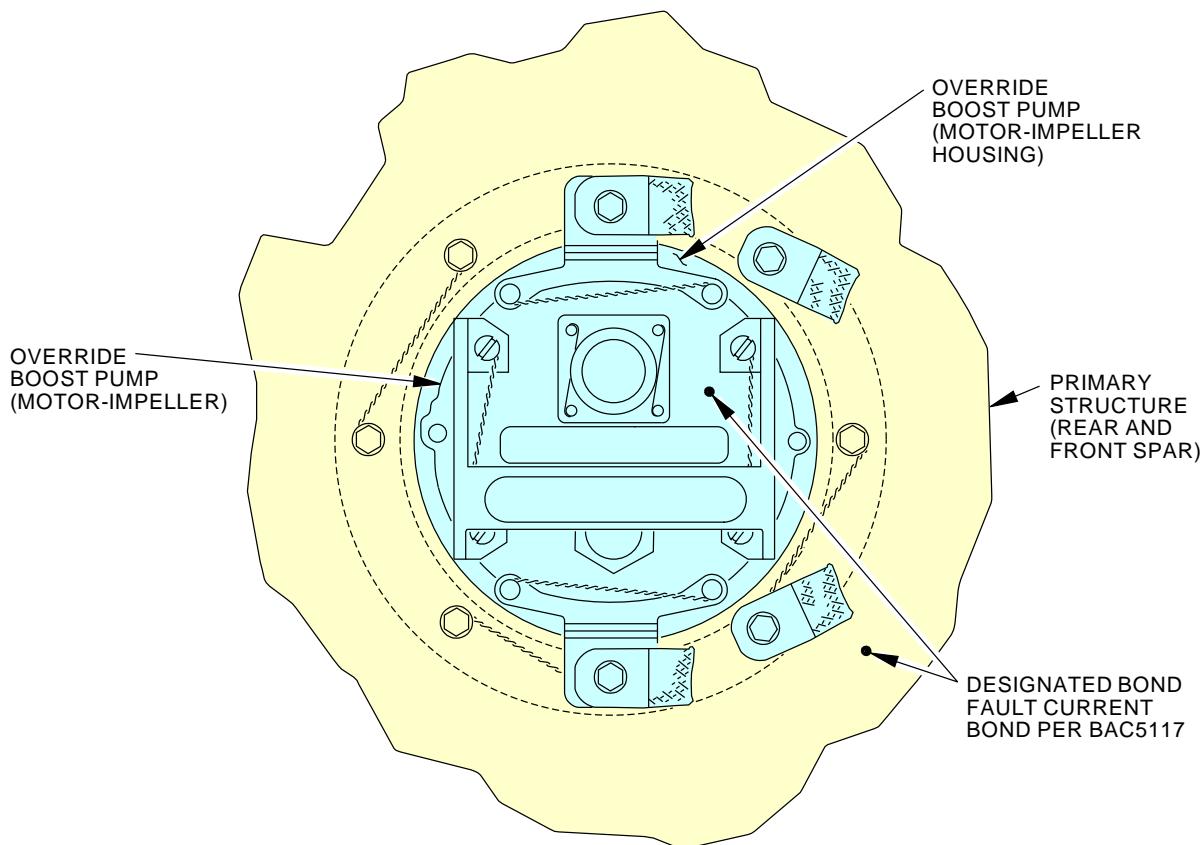
**Right Center Tank Fuel Boost Pump Location
Figure 3 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (SFAR 88)
		D633A109-AKS 28-150-00-02

**Page 8 of 9
Jun 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-150-00-02

**NOTE:**

MEASURE RESISTANCE PER BAC5117-4. MEASURE PUMP
MOTOR-IMPELLER AT POINTS INDICATED TO THE PRIMARY
STRUCTURE $<0.001\Omega$.

W24269 S0006571168_V4

Center Tank Boost Pump Resistance Measurement - Probe Locations
Figure 4

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE FUEL PUMP BONDING TO STRUCTURE - RIGHT WING (SFAR 88)
		D633A109-AKS 28-150-00-02

Page 9 of 9
Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF BONDING RESISTANCE OF APU DC FUEL PUMP (SFAR 88)			BOEING CARD NO. 28-160-00-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA APU COMPARTMENT	VERSION 1.1	THRESHOLD 6 YR	REPEAT 6 YR	APPLICABILITY
STATION	SKILL ELEC				AIRPLANE ALL NOTE ENGINE ALL
		ACCESS 551DB			ZONE 551

Functionally check (resistance measurement) the bonding resistance between the APU DC Fuel Pump motor bonding strap (if APU DC Fuel Pump installed).(SFAR 88)

AIRPLANE NOTE: If the APU fuel boost pump is installed.

A. References

Reference	Title
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)
SWPM 20-20-00	Electrical Bonding Processes
SWPM 20-20-10	REPLACEMENT OF GROUND STUDS AND BONDING JUMPER INSTALLATION

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-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

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF BONDING RESISTANCE OF APU DC FUEL PUMP (SFAR 88)
		D633A109-AKS 28-160-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-160-00-01	
					MECH INSP
<p>► SFAR 88</p> <p>TASK 28-00-00-760-803</p> <p>1. APU DC Boost Pump Fault Current - Inspection</p> <p>A. Procedure</p> <p>SUBTASK 28-00-00-480-001</p> <p>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.</p> <p>(1) If downlock pins are not installed, do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.</p> <p>SUBTASK 28-00-00-220-001</p> <p>(2) Measure the bonding resistance between the motor impeller unit of the APU DC boost pump and the airplane structure with an electrical intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00, SWPM 20-20-10).</p> <p>(a) Make sure the bonding resistance is 0.01 ohm (10 milliohms) or less.</p> <p style="text-align: center;">———— END OF TASK ————</p>					
EFFECTIVITY AKS ALL		SOURCE MRB	FUNCTIONAL CHECK OF BONDING RESISTANCE OF APU DC FUEL PUMP (Sfar 88)		
			D633A109-AKS 28-160-00-01		
Page 2 of 2 Feb 15/2015					

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

AIRLINE CARD NO		TITLE DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)			BOEING CARD NO. 28-170-00-01
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA L WG FUEL TANK	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL ELEC	NOTE			AIRPLANE ALL ENGINE ALL
					ZONE 532
		ACCESS 434CL 532AB 532AZ 532BB 532BZ 532CB 532DB 532EB 532FB 532GB 532HB 532JB 532KB 532LB 532MB 532NB 532PB 532QB 532RB			

Inspect (detailed) the in-tank FQIS exposed Electrical Wiring Interconnection System (EWIS) and EWIS support for damage, adequate separation with structure and proper security. (SFAR 88) (EZAP)

INTERVAL NOTE: Perform task concurrently with other fuel tank inspection tasks to minimize tank entries and possible accidental damage.

A. References

Reference	Title
AMM 06-43-00-800-801	Engine and Nacelle Strut Access Doors and Panels (P/B 201)
AMM 06-44-00-800-801	Finding an Access Door or Panel on the Wings (P/B 201)
AMM 20-40-11-910-801	Static Grounding (P/B 201)
AMM 20-60-02-100-801	Cleaning to Remove Combustible Material (P/B 201)
AMM 20-60-07-913-801	Protection of the EWIS During Maintenance (P/B 201)
AMM 28-11-11-000-801	Main Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-801	Main Tank Access Door Installation (P/B 401)
AMM 28-41-44-210-801	FQIS Wiring and Component Visual Inspection (P/B 601)
SWPM 20, Standard Wiring Practices	Standard Wiring Practices
SWPM 20-10-20	Standard Wiring Practices Manual

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01
				MECH INSP
► SFAR 88 TASK 28-41-44-280-801 1. FQIS, No. 1 Tank - Inspection				
A. Procedure				
SUBTASK 28-41-44-750-001				
(1) For the area in the No. 1 fuel tank between rib No. 5 (inboard tank end) and rib No. 7, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
(c) For the area in the No. 1 fuel tank between rib No. 6 and rib No. 7, remove only one of these access panels on rib No. 6 (unless the engine is removed):				
Number Name/Location				
532AZ Main Tank Inner Access at Rib 6				
532BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(d) For all FQIS wiring and components between Rib No. 5 and Rib No. 7, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.				
(e) If it is removed and access is not necessary for subsequent tasks, install the applicable access panel(s) on rib No. 6:				
Number Name/Location				
532AZ Main Tank Inner Access at Rib 6				
532BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(f) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
SUBTASK 28-41-44-280-001				
(2) For the area in the No. 1 fuel tank between rib No. 7 and rib No. 8, do these steps:				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)	
		D633A109-AKS 28-170-00-01	Page 2 of 12 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01				
				<table border="1"><thead><tr><th>MECH</th><th>INSP</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	MECH	INSP		
MECH	INSP							

- (a) Remove this access panel:

Number Name/Location

434CL Aft Strut Fairing, Left Access To Fuel Door, Strut 1
(Engine and Nacelle Strut Access Doors and Panels, AMM
TASK 06-43-00-800-801).

- (b) Remove this access panel:

Number Name/Location

532BB Main Tank Access Door - Wing Station 265
To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801.

- (c) Go into the opening for:

Number Name/Location

532BB Main Tank Access Door - Wing Station 265

- (d) For all FQIS wiring and components between Rib No. 7 and Rib No. 8, do this task:
FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.

- (e) If access is not necessary for subsequent tasks, install this access panel:

Number Name/Location

532BB Main Tank Access Door - Wing Station 265

To do this, do this task: Main Tank Access Door Installation, AMM
TASK 28-11-11-400-801.

- (f) Install this access panel:

Number Name/Location

434CL Aft Strut Fairing, Left Access To Fuel Door, Strut 1

(Engine and Nacelle Strut Access Doors and Panels, AMM
TASK 06-43-00-800-801).

SUBTASK 28-41-44-280-002

- (3) For the area in the No. 1 fuel tank between rib No. 8 and rib No. 9, do these steps:

- (a) Remove this access panel:

Number Name/Location

532CB Main Tank Access Door - Wing Station 290

To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801

- (b) Go into the opening for:

Number Name/Location

532CB Main Tank Access Door - Wing Station 290

- (c) For all FQIS wiring and components between Rib No. 8 and Rib No. 9, do this task:
FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801

EFFECTIVITY
AKS ALL

SOURCE
MRB

**DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88)
(EZAP)**

**D633A109-AKS
28-170-00-01**

**Page 3 of 12
Feb 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01
(d)	If access is not necessary for subsequent tasks, install this access panel:			MECH INSP
	Number Name/Location			
	532CB Main Tank Access Door - Wing Station 290			
	To do this, do this task: Main Tank Access Door Installation, AMM			
	TASK 28-11-11-400-801			
	SUBTASK 28-41-44-280-003			
(4)	For the area in the No. 1 fuel tank between rib No. 9 and rib No. 10, do these steps:			
(a)	Remove this access panel:			
	Number Name/Location			
	532DB Main Tank Access Door - Wing Station 313			
	To do this, do this task: Main Tank Access Door Removal, AMM			
	TASK 28-11-11-000-801			
(b)	Go into the opening for:			
	Number Name/Location			
	532DB Main Tank Access Door - Wing Station 313			
(c)	For all FQIS wiring and components between Rib No. 9 and Rib No. 10, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801			
(d)	If access is not necessary for subsequent tasks, install this access panel:			
	Number Name/Location			
	532DB Main Tank Access Door - Wing Station 313			
	To do this, do this task: Main Tank Access Door Installation, AMM			
	TASK 28-11-11-400-801			
	SUBTASK 28-41-44-280-004			
(5)	For the area in the No. 1 fuel tank between rib No. 10 and rib No. 11, do these steps:			
(a)	Remove this access panel:			
	Number Name/Location			
	532EB Main Tank Access Door - Wing Station 337			
	To do this, do this task: Main Tank Access Door Removal, AMM			
	TASK 28-11-11-000-801			
(b)	Go into the opening for:			
	Number Name/Location			
	532EB Main Tank Access Door - Wing Station 337			
(c)	For all FQIS wiring and components between Rib No. 10 and Rib No. 11, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801			
(d)	If access is not necessary for subsequent tasks, install this access panel:			
	Number Name/Location			
	532EB Main Tank Access Door - Wing Station 337			
	To do this, do this task: Main Tank Access Door Installation, AMM			
	TASK 28-11-11-400-801			

EFFECTIVITY
AKS ALLSOURCE
MRB**DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88)
(EZAP)****D633A109-AKS
28-170-00-01****Page 4 of 12
Oct 15/2014**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01
				MECH INSP
SUBTASK 28-41-44-750-002				
(6) For the area in the No. 1 fuel tank between rib No. 11 and rib No. 12, do these steps:				
(a) Remove this access panel:				
<u>Number</u> <u>Name/Location</u> 532FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
<u>Number</u> <u>Name/Location</u> 532FB Main Tank Access Door - Wing Station 367 (c) For all FQIS wiring and components between Rib No. 11 and Rib No. 12, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
<u>Number</u> <u>Name/Location</u> 532FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-750-003				
(7) For the area in the No. 1 fuel tank between rib No. 12 and rib No. 13, do these steps:				
(a) Remove this access panel:				
<u>Number</u> <u>Name/Location</u> 532GB Main Tank Access Door - Wing Station 390 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
<u>Number</u> <u>Name/Location</u> 532GB Main Tank Access Door - Wing Station 390 (c) For all FQIS wiring and components between Rib No. 12 and Rib No. 13, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
<u>Number</u> <u>Name/Location</u> 532GB Main Tank Access Door - Wing Station 390 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-005				
(8) For the area in the No. 1 fuel tank between rib No. 13 and rib No. 14, do these steps:				
(a) Remove this access panel:				
<u>Number</u> <u>Name/Location</u> 532HB Main Tank Access Door - Wing Station 417				
EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)		
		D633A109-AKS 28-170-00-01		
				Page 5 of 12 Oct 15/2014

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01
				MECH INSP
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location				
532HB Main Tank Access Door - Wing Station 417				
(c) For all FQIS wiring and components between Rib No. 13 and Rib No. 14, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
532HB Main Tank Access Door - Wing Station 417				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-006				
(9) For the area in the No. 1 fuel tank between rib No. 14 and rib No. 15, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532JB Main Tank Access Door - Wing Station 443				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location				
532JB Main Tank Access Door - Wing Station 443				
(c) For all FQIS wiring and components between Rib No. 14 and Rib No. 15, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
532JB Main Tank Access Door - Wing Station 443				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-007				
(10) For the area in the No. 1 fuel tank between rib No. 15 and rib No. 16, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532KB Main Tank Access Door - Wing Station 470				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location				
532KB Main Tank Access Door - Wing Station 470				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				MECH INSP
SUBTASK 28-41-44-280-010				
(13) For the area in the No. 1 fuel tank between rib No. 18 and rib No. 19, do these steps:				
(a) Remove this access panel: Number Name/Location 532NB Main Tank Access Door - Wing Station 549 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for: Number Name/Location 532NB Main Tank Access Door - Wing Station 549				
(c) For all FQIS wiring and components between Rib No. 18 and Rib No. 19, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel: Number Name/Location 532NB Main Tank Access Door - Wing Station 549 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-011				
(14) For the area in the No. 1 fuel tank between rib No. 19 and rib No. 20, do these steps:				
(a) Remove this access panel: Number Name/Location 532PB Main Tank Access Door - Wing Station 576 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for: Number Name/Location 532PB Main Tank Access Door - Wing Station 576				
(c) For all FQIS wiring and components between Rib No. 19 and Rib No. 20, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel: Number Name/Location 532PB Main Tank Access Door - Wing Station 576 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-012				
(15) For the area in the No. 1 fuel tank between rib No. 20 and rib No. 21, do these steps:				
EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)		
		D633A109-AKS 28-170-00-01		
BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details				Page 8 of 12 Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01				
				<table border="1"><thead><tr><th>MECH</th><th>INSP</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	MECH	INSP		
MECH	INSP							

- (a) Remove this access panel:

Number Name/Location

532QB Main Tank Access Door - Wing Station 602

To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801

- (b) Go into the opening for:

Number Name/Location

532QB Main Tank Access Door - Wing Station 602

- (c) For all FQIS wiring and components between Rib No. 20 and Rib No. 21, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801

- (d) If access is not necessary for subsequent tasks, install this access panel:

Number Name/Location

532QB Main Tank Access Door - Wing Station 602

To do this, do this task: Main Tank Access Door Installation, AMM
TASK 28-11-11-400-801

SUBTASK 28-41-44-280-013

- (16) For the area in the No. 1 fuel tank between rib No. 21 and rib No. 22, do these steps:

- (a) Remove this access panel:

Number Name/Location

532RB Main Tank Access Door - Wing Station 629

To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801

- (b) Go into the opening for:

Number Name/Location

532RB Main Tank Access Door - Wing Station 629

- (c) For all FQIS wiring and components between Rib No. 21 and Rib No. 22, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801

- (d) If access is not necessary for subsequent tasks, install this access panel:

Number Name/Location

532RB Main Tank Access Door - Wing Station 629

To do this, do this task: Main Tank Access Door Installation, AMM
TASK 28-11-11-400-801

———— END OF TASK ————

EFFECTIVITY
AKS ALL

SOURCE
MRB

**DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88)
(EZAP)**

**D633A109-AKS
28-170-00-01**

**Page 9 of 12
Oct 15/2014**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01
				MECH INSP
► EWIS TASK 20-60-03-100-801				
2. Detailed Inspection of EWIS				
A. General (1) This procedure is an Enhanced Zonal Analysis Procedure (EZAP) task. (2) This procedure performs a detailed inspection of Electrical Wiring Interconnection System (EWIS).				
B. Definitions: (1) Electrical Wiring Interconnection System (EWIS): means any wire, power feeder, wiring device, or combination of these, including termination devices, installed in any area of the airplane for the purpose of transmitting electrical energy, including data and signals, between two or more intended termination points. EWIS is defined in full by 14 CFR section 25.1701. (2) Detailed Inspection (DET)—An intensive examination of a specific item, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors, magnifying lenses, or other means may be necessary. Surface cleaning and elaborate access procedures may be required. A DET can be more than just a visual inspection, since it may include tactile assessment in which a component or assembly is checked for tightness/security. It may require the removal of items such as access panels and drip shields, or the moving of components.				
C. Procedure SUBTASK 20-60-03-100-001 (1) Do this task: Static Grounding, AMM TASK 20-40-11-910-801. SUBTASK 20-60-03-860-001 WARNING: BE CAREFUL WHEN YOU DO WORK AROUND ENERGIZED PANELS. HIGH VOLTAGES CAN KILL YOU. (2) If it is necessary to touch the EWIS, it is recommended to remove electrical power from the EWIS to be inspected: <u>NOTE:</u> You can remove all electrical power from the airplane if the removal from one or more systems is not possible. (a) Identify the applicable electrical system(s) for the EWIS to be inspected. (b) Open circuit breakers and switches for the EWIS to be inspected. (c) Put a collar/warning tag on the applicable circuit breaker(s), and warning tag on the applicable switch(s) for the EWIS to be inspected. SUBTASK 20-60-03-010-003 (3) Remove panels as necessary to gain access to the EWIS. SUBTASK 20-60-03-211-001 (4) Do these steps to perform a detailed inspection of the EWIS: <u>NOTE:</u> You do not need to pull on the wire bundles, shake the wire bundles, or disconnect the connectors to perform this inspection.				
EFFECTIVITY AKS ALL		SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)	
			D633A109-AKS 28-170-00-01	Page 10 of 12 Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01
				MECH INSP
(a)	Protect all EWIS during the inspection:			
	CAUTION: KEEP TOOLS, TOOL TRAYS, AND OTHER WORK ITEMS OFF OF THE WIRES. OBJECTS PUT ON THE WIRE BUNDLES OR THEIR RELATED COMPONENTS CAN CAUSE DAMAGE TO THE WIRES, INSULATION, AND CONNECTORS.			
	CAUTION: DO NOT PUT PRESSURE ON THE WIRE BUNDLES, ELECTRONIC SYSTEMS, OR STRUCTURES IN THE COMPARTMENT. PRESSURE CAN CAUSE DAMAGE TO WIRE BUNDLES AND ELECTRICAL CONNECTIONS.			
	CAUTION: DO NOT CUT, CAUSE NICKS, OR CAUSE OTHER DAMAGE TO THE CABLES, WIRES, METAL-BRAIDED SHIELD, OR OVERBRAID. DAMAGE TO THESE COMPONENTS CAN CAUSE MALFUNCTIONS, OR DAMAGE TO OTHER EQUIPMENT.			
	1) EWIS that are undisturbed and kept free of contamination will provide trouble-free service without the need for unscheduled maintenance.			
	CAUTION: DO NOT USE WIRE BUNDLES, TUBING, DUCTS, OR OTHER ENGINE COMPONENTS AS A STEP OR HAND-HOLD. DAMAGE TO EQUIPMENT CAN OCCUR.			
	2) EWIS can be easily damaged during the inspection if they are used as a handhold or support for personal equipment.			
(b)	Check the EWIS and the area around them for combustible material such as dust, lint and other surface contamination.			
	1) If combustible material is found, do this task: Cleaning to Remove Combustible Material, AMM TASK 20-60-02-100-801.			
(c)	Check the EWIS for: contact, chafing, sagging, security, visible damage, lacing tape/ties installation, sheath / conduit deformity or installation, end of sheath rubbing on end attachment, missing or damaged grommets, dust and lint accumulation, surface contamination, deterioration of previous repairs.			
(d)	Check connectors for: external corrosion, backshell tail, rubber pad/packing on backshell, backshell wire securing device, missing or broken safety wire, discoloration or evidence of overheating on terminal lugs or blocks, torque stripe misalignment.			
(e)	Check switches for rear protection cap damage.			
(f)	Check ground points for: corrosion, bonding braid/bonding jumper, broken or disconnected braid, multiple strands corroded or broken.			
(g)	Check EWIS clamps or brackets for: presence, corrosion, condition, bends or twists, attachment, protection/cushion.			
(h)	Check EWIS supports such as rails, racks, shelves, or tubes/conduits for: breaks, deformity, missing fasteners, missing edge protection on rims of feed through holes, race track cushion damage.			
(i)	If damage is found on any EWIS, do the following:			
EFFECTIVITY AKS ALL		SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)	
			D633A109-AKS 28-170-00-01	Page 11 of 12 Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-01				
				<table border="1"><thead><tr><th>MECH</th><th>INSP</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	MECH	INSP		
MECH	INSP							
			<ol style="list-style-type: none">1) Do this task: Protection of the EWIS During Maintenance, AMM TASK 20-60-07-913-8012) Repair or replace per the applicable task: SWPM 20, Standard Wiring Practices.<ol style="list-style-type: none">(j) If damage is found with the pressure seals, replace the component: SWPM 20-10-20.					

SUBTASK 20-60-03-410-001

CAUTION: MAKE SURE THAT YOU REMOVE ALL TOOLS, LOOSE PARTS AND UNWANTED MATERIAL FROM THE AREA WHEN YOU COMPLETE MAINTENANCE. DAMAGE TO EQUIPMENT COULD OCCUR.

- (5) Install all panels removed for access.

SUBTASK 20-60-03-860-002

- (6) Restore electrical power in the area(s) and/or from the item(s) that had the electrical power removed.
 - (a) Remove the collar/warning tag on the applicable circuit breaker(s), and warning tag on the applicable switch(s) for the area(s) and/or from the item(s) that had the electrical power removed.

———— END OF TASK ———

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -LEFT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-01

Page 12 of 12
Jun 15/2016

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

AIRLINE CARD NO		TITLE DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)			BOEING CARD NO. 28-170-00-02
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA R WG FUEL TANK	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL ELEC	NOTE		AIRPLANE ALL	ENGINE ALL
		ACCESS 444CR 631AB 631BB 632AB 632AZ 632BB 632BZ 632CB 632DB 632EB 632FB 632GB 632HB 632JB 632KB 632LB 632MB 632NB 632PB 632QB 632RB		ZONE 632	

Inspect (detailed) the in-tank FQIS exposed Electrical Wiring Interconnection System (EWIS) and EWIS support for damage, adequate separation with structure and proper security. (SFAR 88) (EZAP)

INTERVAL NOTE: Perform task concurrently with other fuel tank inspection tasks to minimize tank entries and possible accidental damage.

A. References

Reference	Title
AMM 06-43-00-800-801	Engine and Nacelle Strut Access Doors and Panels (P/B 201)
AMM 06-44-00-800-801	Finding an Access Door or Panel on the Wings (P/B 201)
AMM 20-40-11-910-801	Static Grounding (P/B 201)
AMM 20-60-02-100-801	Cleaning to Remove Combustible Material (P/B 201)
AMM 20-60-07-913-801	Protection of the EWIS During Maintenance (P/B 201)
AMM 28-11-11-000-801	Main Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-801	Main Tank Access Door Installation (P/B 401)
AMM 28-41-44-210-801	FQIS Wiring and Component Visual Inspection (P/B 601)
SWPM 20, Standard Wiring Practices	Standard Wiring Practices
SWPM 20-10-20	Standard Wiring Practices Manual

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
				MECH INSP
► SFAR 88				
TASK 28-41-44-280-802				
1. FQIS, No. 2 Tank - Inspection				
A. Procedure				
SUBTASK 28-41-44-750-004				
(1) For the area in the No. 2 fuel tank between rib No. 5 (inboard tank end) and rib No. 7, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
632AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for:				
Number Name/Location				
632AB Main Tank Access Door - Wing Station 216				
(c) For the area in the No. 2 fuel tank between rib No. 6 and rib No. 7, remove only one of these access panels on rib No. 6 (unless the engine is removed):				
Number Name/Location				
632AZ Main Tank Inner Access at Rib 6				
632BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(d) For all FQIS wiring and components between Rib No. 5 and Rib No. 7, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.				
(e) If it is removed and access is not necessary for subsequent tasks, install the applicable access panel(s) on rib No. 6:				
Number Name/Location				
632AZ Main Tank Inner Access at Rib 6				
632BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(f) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
632AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
SUBTASK 28-41-44-280-014				
(2) For the area in the No. 2 fuel tank between rib No. 7 and rib No. 8, do these steps:				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)	
		D633A109-AKS 28-170-00-02	Page 2 of 12 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
				MECH INSP

(a) Remove this access panel:

Number Name/Location
444CR Aft Strut Fairing, Right Access To Fuel Door, Strut 2
(Engine and Nacelle Strut Access Doors and Panels, AMM
TASK 06-43-00-800-801).

(b) Remove this access panel:

Number Name/Location
632BB Main Tank Access Door - Wing Station 265
To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801.

(c) Go into the opening for:

Number Name/Location
632BB Main Tank Access Door - Wing Station 265

(d) For all FQIS wiring and components between Rib No. 7 and Rib No. 8, do this task:
FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.

(e) If access is not necessary for subsequent tasks, install this access panel:

Number Name/Location
632BB Main Tank Access Door - Wing Station 265
To do this, do this task: Main Tank Access Door Installation, AMM
TASK 28-11-11-400-801.

(f) Install this access panel:

Number Name/Location
444CR Aft Strut Fairing, Right Access To Fuel Door, Strut 2
(Engine and Nacelle Strut Access Doors and Panels, AMM
TASK 06-43-00-800-801).

SUBTASK 28-41-44-280-015

(3) For the area in the No. 2 fuel tank between rib No. 8 and rib No. 9, do these steps:

(a) Remove this access panel:

Number Name/Location
632CB Main Tank Access Door - Wing Station 290

To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801

(b) Go into the opening for:

Number Name/Location
632CB Main Tank Access Door - Wing Station 290

(c) For all FQIS wiring and components between Rib No. 8 and Rib No. 9, do this task:
FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-02

 Page 3 of 12
 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
632CB Main Tank Access Door - Wing Station 290				
To do this, do this task: Main Tank Access Door Installation, AMM				
TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-016				
(4) For the area in the No. 2 fuel tank between rib No. 9 and rib No. 10, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
632DB Main Tank Access Door - Wing Station 313				
To do this, do this task: Main Tank Access Door Removal, AMM				
TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location				
632DB Main Tank Access Door - Wing Station 313				
(c) For all FQIS wiring and components between Rib No. 9 and Rib No. 10, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
632DB Main Tank Access Door - Wing Station 313				
To do this, do this task: Main Tank Access Door Installation, AMM				
TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-017				
(5) For the area in the No. 2 fuel tank between rib No. 10 and rib No. 11, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
632EB Main Tank Access Door - Wing Station 337				
To do this, do this task: Main Tank Access Door Removal, AMM				
TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location				
632EB Main Tank Access Door - Wing Station 337				
(c) For all FQIS wiring and components between Rib No. 10 and Rib No. 11, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
632EB Main Tank Access Door - Wing Station 337				
To do this, do this task: Main Tank Access Door Installation, AMM				
TASK 28-11-11-400-801				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)	
		D633A109-AKS 28-170-00-02	Page 4 of 12 Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
				MECH INSP
SUBTASK 28-41-44-750-005				
(6) For the area in the No. 2 fuel tank between rib No. 11 and rib No. 12, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 (c) For all FQIS wiring and components between Rib No. 11 and Rib No. 12, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-018				
(7) For the area in the No. 2 fuel tank between rib No. 12 and rib No. 13, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632GB Main Tank Access Door - Wing Station 390 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location 632GB Main Tank Access Door - Wing Station 390 (c) For all FQIS wiring and components between Rib No. 12 and Rib No. 13, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location 632GB Main Tank Access Door - Wing Station 390 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-019				
(8) For the area in the No. 2 fuel tank between rib No. 13 and rib No. 14, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632HB Main Tank Access Door - Wing Station 417				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801		MECH INSP
		(b) Go into the opening for: Number Name/Location 632HB Main Tank Access Door - Wing Station 417		
		(c) For all FQIS wiring and components between Rib No. 13 and Rib No. 14, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
		(d) If access is not necessary for subsequent tasks, install this access panel: Number Name/Location 632HB Main Tank Access Door - Wing Station 417		
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		
		SUBTASK 28-41-44-280-020		
		(9) For the area in the No. 2 fuel tank between rib No. 14 and rib No. 15, do these steps:		
		(a) Remove this access panel: Number Name/Location 632JB Main Tank Access Door - Wing Station 443		
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801		
		(b) Go into the opening for: Number Name/Location 632JB Main Tank Access Door - Wing Station 443		
		(c) For all FQIS wiring and components between Rib No. 14 and Rib No. 15, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
		(d) If access is not necessary for subsequent tasks, install this access panel: Number Name/Location 632JB Main Tank Access Door - Wing Station 443		
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		
		SUBTASK 28-41-44-280-021		
		(10) For the area in the No. 2 fuel tank between rib No. 15 and rib No. 16, do these steps:		
		(a) Remove this access panel: Number Name/Location 632KB Main Tank Access Door - Wing Station 470		
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801		
		(b) Go into the opening for: Number Name/Location 632KB Main Tank Access Door - Wing Station 470		
		EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)
				D633A109-AKS 28-170-00-02
				Page 6 of 12 Oct 15/2014

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-02

AKS

737-600/700/800/900
TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
				<div style="display: flex; justify-content: space-between;"> To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801 MECH INSP </div> <p>SUBTASK 28-41-44-280-024</p> <p>(13) For the area in the No. 2 fuel tank between rib No. 18 and rib No. 19, do these steps:</p> <ol style="list-style-type: none"> Remove this access panel: Number Name/Location 632NB Main Tank Access Door - Wing Station 549 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801 Go into the opening for: Number Name/Location 632NB Main Tank Access Door - Wing Station 549 For all FQIS wiring and components between Rib No. 18 and Rib No. 19, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801 If access is not necessary for subsequent tasks, install this access panel: Number Name/Location 632NB Main Tank Access Door - Wing Station 549 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801 <p>SUBTASK 28-41-44-280-025</p> <p>(14) For the area in the No. 2 fuel tank between rib No. 19 and rib No. 20, do these steps:</p> <ol style="list-style-type: none"> Remove this access panel: Number Name/Location 632PB Main Tank Access Door - Wing Station 576 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801 Go into the opening for: Number Name/Location 632PB Main Tank Access Door - Wing Station 576 For all FQIS wiring and components between Rib No. 19 and Rib No. 20, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801 If access is not necessary for subsequent tasks, install this access panel: Number Name/Location 632PB Main Tank Access Door - Wing Station 576 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801 <p>SUBTASK 28-41-44-280-026</p> <p>(15) For the area in the No. 2 fuel tank between rib No. 20 and rib No. 21, do these steps:</p>

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)	
		D633A109-AKS 28-170-00-02	Page 8 of 12 Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
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- (a) Remove this access panel:

Number Name/Location

632QB Main Tank Access Door - Wing Station 602

To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801

- (b) Go into the opening for:

Number Name/Location

632QB Main Tank Access Door - Wing Station 602

- (c) For all FQIS wiring and components between Rib No. 20 and Rib No. 21, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801

- (d) If access is not necessary for subsequent tasks, install this access panel:

Number Name/Location

632QB Main Tank Access Door - Wing Station 602

To do this, do this task: Main Tank Access Door Installation, AMM
TASK 28-11-11-400-801

SUBTASK 28-41-44-280-027

- (16) For the area in the No. 2 fuel tank between rib No. 21 and rib No. 22, do these steps:

- (a) Remove this access panel:

Number Name/Location

632RB Main Tank Access Door - Wing Station 629

To do this, do this task: Main Tank Access Door Removal, AMM
TASK 28-11-11-000-801

- (b) Go into the opening for:

Number Name/Location

632RB Main Tank Access Door - Wing Station 629

- (c) For all FQIS wiring and components between Rib No. 21 and Rib No. 22, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801

- (d) If access is not necessary for subsequent tasks, install this access panel:

Number Name/Location

632RB Main Tank Access Door - Wing Station 629

To do this, do this task: Main Tank Access Door Installation, AMM
TASK 28-11-11-400-801

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-02

Page 9 of 12
Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
				MECH INSP
► EWIS TASK 20-60-03-100-801				
2. Detailed Inspection of EWIS				
A. General (1) This procedure is an Enhanced Zonal Analysis Procedure (EZAP) task. (2) This procedure performs a detailed inspection of Electrical Wiring Interconnection System (EWIS).				
B. Definitions: (1) Electrical Wiring Interconnection System (EWIS): means any wire, power feeder, wiring device, or combination of these, including termination devices, installed in any area of the airplane for the purpose of transmitting electrical energy, including data and signals, between two or more intended termination points. EWIS is defined in full by 14 CFR section 25.1701. (2) Detailed Inspection (DET)—An intensive examination of a specific item, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors, magnifying lenses, or other means may be necessary. Surface cleaning and elaborate access procedures may be required. A DET can be more than just a visual inspection, since it may include tactile assessment in which a component or assembly is checked for tightness/security. It may require the removal of items such as access panels and drip shields, or the moving of components.				
C. Procedure SUBTASK 20-60-03-100-001 (1) Do this task: Static Grounding, AMM TASK 20-40-11-910-801. SUBTASK 20-60-03-860-001 WARNING: BE CAREFUL WHEN YOU DO WORK AROUND ENERGIZED PANELS. HIGH VOLTAGES CAN KILL YOU. (2) If it is necessary to touch the EWIS, it is recommended to remove electrical power from the EWIS to be inspected: <u>NOTE:</u> You can remove all electrical power from the airplane if the removal from one or more systems is not possible. (a) Identify the applicable electrical system(s) for the EWIS to be inspected. (b) Open circuit breakers and switches for the EWIS to be inspected. (c) Put a collar/warning tag on the applicable circuit breaker(s), and warning tag on the applicable switch(s) for the EWIS to be inspected. SUBTASK 20-60-03-010-003 (3) Remove panels as necessary to gain access to the EWIS. SUBTASK 20-60-03-211-001 (4) Do these steps to perform a detailed inspection of the EWIS: <u>NOTE:</u> You do not need to pull on the wire bundles, shake the wire bundles, or disconnect the connectors to perform this inspection.				
EFFECTIVITY AKS ALL		SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)	
			D633A109-AKS 28-170-00-02	
				Page 10 of 12 Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
				MECH INSP
(a)	Protect all EWIS during the inspection:			
	CAUTION: KEEP TOOLS, TOOL TRAYS, AND OTHER WORK ITEMS OFF OF THE WIRES. OBJECTS PUT ON THE WIRE BUNDLES OR THEIR RELATED COMPONENTS CAN CAUSE DAMAGE TO THE WIRES, INSULATION, AND CONNECTORS.			
	CAUTION: DO NOT PUT PRESSURE ON THE WIRE BUNDLES, ELECTRONIC SYSTEMS, OR STRUCTURES IN THE COMPARTMENT. PRESSURE CAN CAUSE DAMAGE TO WIRE BUNDLES AND ELECTRICAL CONNECTIONS.			
	CAUTION: DO NOT CUT, CAUSE NICKS, OR CAUSE OTHER DAMAGE TO THE CABLES, WIRES, METAL-BRAIDED SHIELD, OR OVERBRAID. DAMAGE TO THESE COMPONENTS CAN CAUSE MALFUNCTIONS, OR DAMAGE TO OTHER EQUIPMENT.			
	1) EWIS that are undisturbed and kept free of contamination will provide trouble-free service without the need for unscheduled maintenance.			
	CAUTION: DO NOT USE WIRE BUNDLES, TUBING, DUCTS, OR OTHER ENGINE COMPONENTS AS A STEP OR HAND-HOLD. DAMAGE TO EQUIPMENT CAN OCCUR.			
	2) EWIS can be easily damaged during the inspection if they are used as a handhold or support for personal equipment.			
(b)	Check the EWIS and the area around them for combustible material such as dust, lint and other surface contamination.			
	1) If combustible material is found, do this task: Cleaning to Remove Combustible Material, AMM TASK 20-60-02-100-801.			
(c)	Check the EWIS for: contact, chafing, sagging, security, visible damage, lacing tape/ties installation, sheath / conduit deformity or installation, end of sheath rubbing on end attachment, missing or damaged grommets, dust and lint accumulation, surface contamination, deterioration of previous repairs.			
(d)	Check connectors for: external corrosion, backshell tail, rubber pad/packing on backshell, backshell wire securing device, missing or broken safety wire, discoloration or evidence of overheating on terminal lugs or blocks, torque stripe misalignment.			
(e)	Check switches for rear protection cap damage.			
(f)	Check ground points for: corrosion, bonding braid/bonding jumper, broken or disconnected braid, multiple strands corroded or broken.			
(g)	Check EWIS clamps or brackets for: presence, corrosion, condition, bends or twists, attachment, protection/cushion.			
(h)	Check EWIS supports such as rails, racks, shelves, or tubes/conduits for: breaks, deformity, missing fasteners, missing edge protection on rims of feed through holes, race track cushion damage.			
(i)	If damage is found on any EWIS, do the following:			
EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)	D633A109-AKS 28-170-00-02	Page 11 of 12 Jun 15/2016

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-02
				MECH INSP
<p>1) Do this task: Protection of the EWIS During Maintenance, AMM TASK 20-60-07-913-801</p> <p>2) Repair or replace per the applicable task: SWPM 20, Standard Wiring Practices.</p> <p>(j) If damage is found with the pressure seals, replace the component: SWPM 20-10-20.</p>				
SUBTASK 20-60-03-410-001				
<p>CAUTION: MAKE SURE THAT YOU REMOVE ALL TOOLS, LOOSE PARTS AND UNWANTED MATERIAL FROM THE AREA WHEN YOU COMPLETE MAINTENANCE. DAMAGE TO EQUIPMENT COULD OCCUR.</p> <p>(5) Install all panels removed for access.</p>				
SUBTASK 20-60-03-860-002				
<p>(6) Restore electrical power in the area(s) and/or from the item(s) that had the electrical power removed.</p> <p>(a) Remove the collar/warning tag on the applicable circuit breaker(s), and warning tag on the applicable switch(s) for the area(s) and/or from the item(s) that had the electrical power removed.</p>				
———— END OF TASK ————				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -RIGHT WING (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-02

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE DETAILED INSPECTION IN-TANK FQIS -CENTER TANK (SFAR 88) (EZAP)			BOEING CARD NO. 28-170-00-03
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA CTR FUEL TANK	VERSION 1.1 NOTE	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL ELEC				AIRPLANE ALL ENGINE ALL
		ACCESS 131AB 531AB 531BB 631AB 631BB			ZONE 131 132 531 631

Inspect (detailed) the in-tank FQIS exposed Electrical Wiring Interconnection System (EWIS) and EWIS support for damage, adequate separation with structure and proper security. (SFAR 88) (EZAP)

INTERVAL NOTE: Perform task concurrently with other fuel tank inspection tasks to minimize tank entries and possible accidental damage.

A. References

Reference	Title
AMM 20-40-11-910-801	Static Grounding (P/B 201)
AMM 20-60-02-100-801	Cleaning to Remove Combustible Material (P/B 201)
AMM 20-60-07-913-801	Protection of the EWIS During Maintenance (P/B 201)
AMM 28-11-31-000-801	Center Tank Access Door Removal (P/B 401)
AMM 28-11-31-400-801	Center Tank Access Door - Installation (P/B 401)
AMM 28-41-44-210-801	FQIS Wiring and Component Visual Inspection (P/B 601)
SWPM 20, Standard Wiring Practices	Standard Wiring Practices
SWPM 20-10-20	Standard Wiring Practices Manual

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -CENTER TANK (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-03

Page 1 of 7
Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-03
				MECH INSP
► SFAR 88				
TASK 28-41-44-280-803				
1. FQIS, Center Tank - Inspection				
A. Procedure				
SUBTASK 28-41-44-750-006				
(1) For the area in the center tank on the left side between rib No. 4 and rib No. 5 (tank end), do these steps:				
(a) Remove this access panel:				
Number Name/Location				
531BB Center Tank Access Door - Wing Station 192				
To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801				
(b) Go into the opening for:				
Number Name/Location				
531BB Center Tank Access Door - Wing Station 192				
(c) For all FQIS wiring and components between Rib No. 4 and Rib No. 5, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
531BB Center Tank Access Door - Wing Station 192				
To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801				
SUBTASK 28-41-44-280-028				
(2) For the area in the center tank on the left side between rib No. 1 (side of body rib) and rib No. 4, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
531AB Center Tank Access Door - Wing Station 168				
To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801				
(b) Go into the opening for:				
Number Name/Location				
531AB Center Tank Access Door - Wing Station 168				
(c) For all FQIS wiring and components between Rib No. 1 and Rib No. 4, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
531AB Center Tank Access Door - Wing Station 168				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -CENTER TANK (SFAR 88) (EZAP)	
		D633A109-AKS 28-170-00-03	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. 28-170-00-03
		To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801		MECH INSP
		SUBTASK 28-41-44-280-029		
		(3) For the area in the center tank on the right side between rib No. 4 and rib No. 5 (tank end), do these steps:		
		(a) Remove this access panel:		
		Number Name/Location		
		631BB Center Tank Access Door - Wing Station 192		
		To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801		
		(b) Go into the opening for:		
		Number Name/Location		
		631BB Center Tank Access Door - Wing Station 192		
		(c) For all FQIS wiring and components between Rib No. 4 and Rib No. 5, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
		(d) If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		631BB Center Tank Access Door - Wing Station 192		
		To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801		
		SUBTASK 28-41-44-280-030		
		(4) For the area in the center tank on the right side between rib No. 1 (side of body rib) and rib No. 4, do these steps:		
		(a) Remove this access panel:		
		Number Name/Location		
		631AB Center Tank Access Door - Wing Station 168		
		To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801		
		(b) Go into the opening for:		
		Number Name/Location		
		631AB Center Tank Access Door - Wing Station 168		
		(c) For all FQIS wiring and components between Rib No. 1 and Rib No. 4, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
		(d) If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		631AB Center Tank Access Door - Wing Station 168		
		To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801		
		SUBTASK 28-41-44-280-031		
		(5) For the area of the center tank in the center wing section, do these steps:		

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -CENTER TANK (SFAR 88) (EZAP)
		D633A109-AKS 28-170-00-03

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-03
				MECH INSP
(a) Remove this access panel:				
	<u>Number</u>	<u>Name/Location</u>		
	131AB	Center Tank Access		
	To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801			
(b) Go into the opening for:				
	<u>Number</u>	<u>Name/Location</u>		
	131AB	Center Tank Access		
(c) For all FQIS wiring and components in the wing center section, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
	<u>Number</u>	<u>Name/Location</u>		
	131AB	Center Tank Access		
	To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801			
———— END OF TASK ————				
EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -CENTER TANK (SFAR 88) (EZAP)		
		D633A109-AKS 28-170-00-03		

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-03
				MECH INSP
► EWIS TASK 20-60-03-100-801				
2. Detailed Inspection of EWIS				
A. General <ul style="list-style-type: none">(1) This procedure is an Enhanced Zonal Analysis Procedure (EZAP) task.(2) This procedure performs a detailed inspection of Electrical Wiring Interconnection System (EWIS).				
B. Definitions: <ul style="list-style-type: none">(1) Electrical Wiring Interconnection System (EWIS): means any wire, power feeder, wiring device, or combination of these, including termination devices, installed in any area of the airplane for the purpose of transmitting electrical energy, including data and signals, between two or more intended termination points. EWIS is defined in full by 14 CFR section 25.1701.(2) Detailed Inspection (DET)—An intensive examination of a specific item, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors, magnifying lenses, or other means may be necessary. Surface cleaning and elaborate access procedures may be required. A DET can be more than just a visual inspection, since it may include tactile assessment in which a component or assembly is checked for tightness/security. It may require the removal of items such as access panels and drip shields, or the moving of components.				
C. Procedure SUBTASK 20-60-03-100-001 (1) Do this task: Static Grounding, AMM TASK 20-40-11-910-801. SUBTASK 20-60-03-860-001 WARNING: BE CAREFUL WHEN YOU DO WORK AROUND ENERGIZED PANELS. HIGH VOLTAGES CAN KILL YOU. (2) If it is necessary to touch the EWIS, it is recommended to remove electrical power from the EWIS to be inspected: <u>NOTE:</u> You can remove all electrical power from the airplane if the removal from one or more systems is not possible. <ul style="list-style-type: none">(a) Identify the applicable electrical system(s) for the EWIS to be inspected.(b) Open circuit breakers and switches for the EWIS to be inspected.(c) Put a collar/warning tag on the applicable circuit breaker(s), and warning tag on the applicable switch(s) for the EWIS to be inspected. SUBTASK 20-60-03-010-003 (3) Remove panels as necessary to gain access to the EWIS. SUBTASK 20-60-03-211-001 (4) Do these steps to perform a detailed inspection of the EWIS: <u>NOTE:</u> You do not need to pull on the wire bundles, shake the wire bundles, or disconnect the connectors to perform this inspection.				
EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -CENTER TANK (SFAR 88) (EZAP) D633A109-AKS 28-170-00-03		
				Page 5 of 7 Jun 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-170-00-03
				MECH INSP
(a)	Protect all EWIS during the inspection:			
	CAUTION: KEEP TOOLS, TOOL TRAYS, AND OTHER WORK ITEMS OFF OF THE WIRES. OBJECTS PUT ON THE WIRE BUNDLES OR THEIR RELATED COMPONENTS CAN CAUSE DAMAGE TO THE WIRES, INSULATION, AND CONNECTORS.			
	CAUTION: DO NOT PUT PRESSURE ON THE WIRE BUNDLES, ELECTRONIC SYSTEMS, OR STRUCTURES IN THE COMPARTMENT. PRESSURE CAN CAUSE DAMAGE TO WIRE BUNDLES AND ELECTRICAL CONNECTIONS.			
	CAUTION: DO NOT CUT, CAUSE NICKS, OR CAUSE OTHER DAMAGE TO THE CABLES, WIRES, METAL-BRAIDED SHIELD, OR OVERBRAID. DAMAGE TO THESE COMPONENTS CAN CAUSE MALFUNCTIONS, OR DAMAGE TO OTHER EQUIPMENT.			
	1) EWIS that are undisturbed and kept free of contamination will provide trouble-free service without the need for unscheduled maintenance.			
	CAUTION: DO NOT USE WIRE BUNDLES, TUBING, DUCTS, OR OTHER ENGINE COMPONENTS AS A STEP OR HAND-HOLD. DAMAGE TO EQUIPMENT CAN OCCUR.			
	2) EWIS can be easily damaged during the inspection if they are used as a handhold or support for personal equipment.			
(b)	Check the EWIS and the area around them for combustible material such as dust, lint and other surface contamination.			
	1) If combustible material is found, do this task: Cleaning to Remove Combustible Material, AMM TASK 20-60-02-100-801.			
(c)	Check the EWIS for: contact, chafing, sagging, security, visible damage, lacing tape/ties installation, sheath / conduit deformity or installation, end of sheath rubbing on end attachment, missing or damaged grommets, dust and lint accumulation, surface contamination, deterioration of previous repairs.			
(d)	Check connectors for: external corrosion, backshell tail, rubber pad/packing on backshell, backshell wire securing device, missing or broken safety wire, discoloration or evidence of overheating on terminal lugs or blocks, torque stripe misalignment.			
(e)	Check switches for rear protection cap damage.			
(f)	Check ground points for: corrosion, bonding braid/bonding jumper, broken or disconnected braid, multiple strands corroded or broken.			
(g)	Check EWIS clamps or brackets for: presence, corrosion, condition, bends or twists, attachment, protection/cushion.			
(h)	Check EWIS supports such as rails, racks, shelves, or tubes/conduits for: breaks, deformity, missing fasteners, missing edge protection on rims of feed through holes, race track cushion damage.			
(i)	If damage is found on any EWIS, do the following:			
EFFECTIVITY AKS ALL		SOURCE MRB	DETAILED INSPECTION IN-TANK FQIS -CENTER TANK (SFAR 88) (EZAP)	
			D633A109-AKS 28-170-00-03	Page 6 of 7 Jun 15/2016

AKS



737-600/700/800/900 TASK CARDS

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)			BOEING CARD NO. 28-171-00-01
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA L WG FUEL TANK	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 434CL 532AB 532AZ 532BB 532BZ 532CB 532DB 532EB 532FB 532GB 532HB 532JB 532KB 532LB 532MB 532NB 532PB 532QB 532RB			ZONE 532

Inspect (detailed) the in-tank FQIS components for chaffing, rubbing, adequate separation from structure and condition for security. (SFAR 88)

A. References

Reference	Title
AMM 06-43-00-800-801	Engine and Nacelle Strut Access Doors and Panels (P/B 201)
AMM 06-44-00-800-801	Finding an Access Door or Panel on the Wings (P/B 201)
AMM 28-11-11-000-801	Main Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-801	Main Tank Access Door Installation (P/B 401)
AMM 28-41-44-210-801	FQIS Wiring and Component Visual Inspection (P/B 601)

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)
		D633A109-AKS 28-171-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-01
				MECH INSP
► SFAR 88				
TASK 28-41-44-280-801				
1. FQIS, No. 1 Tank - Inspection				
A. Procedure				
SUBTASK 28-41-44-750-001				
(1) For the area in the No. 1 fuel tank between rib No. 5 (inboard tank end) and rib No. 7, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
(c) For the area in the No. 1 fuel tank between rib No. 6 and rib No. 7, remove only one of these access panels on rib No. 6 (unless the engine is removed):				
Number Name/Location				
532AZ Main Tank Inner Access at Rib 6				
532BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(d) For all FQIS wiring and components between Rib No. 5 and Rib No. 7, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.				
(e) If it is removed and access is not necessary for subsequent tasks, install the applicable access panel(s) on rib No. 6:				
Number Name/Location				
532AZ Main Tank Inner Access at Rib 6				
532BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(f) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
532AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
SUBTASK 28-41-44-280-001				
(2) For the area in the No. 1 fuel tank between rib No. 7 and rib No. 8, do these steps:				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)	D633A109-AKS 28-171-00-01	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. 28-171-00-01	
				MECH	INSP
(a)	Remove this access panel:				
	Number	Name/Location			
	434CL	Aft Strut Fairing, Left Access To Fuel Door, Strut 1			
	(Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).				
(b)	Remove this access panel:				
	Number	Name/Location			
	532BB	Main Tank Access Door - Wing Station 265			
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(c)	Go into the opening for:				
	Number	Name/Location			
	532BB	Main Tank Access Door - Wing Station 265			
(d)	For all FQIS wiring and components between Rib No. 7 and Rib No. 8, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.				
(e)	If access is not necessary for subsequent tasks, install this access panel:				
	Number	Name/Location			
	532BB	Main Tank Access Door - Wing Station 265			
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
(f)	Install this access panel:				
	Number	Name/Location			
	434CL	Aft Strut Fairing, Left Access To Fuel Door, Strut 1			
	(Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).				
SUBTASK 28-41-44-280-002					
(3)	For the area in the No. 1 fuel tank between rib No. 8 and rib No. 9, do these steps:				
(a)	Remove this access panel:				
	Number	Name/Location			
	532CB	Main Tank Access Door - Wing Station 290			
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b)	Go into the opening for:				
	Number	Name/Location			
	532CB	Main Tank Access Door - Wing Station 290			
(c)	For all FQIS wiring and components between Rib No. 8 and Rib No. 9, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)	D633A109-AKS 28-171-00-01	Page 3 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. 28-171-00-01		
					MECH	INSP
(d)	If access is not necessary for subsequent tasks, install this access panel:					
	Number Name/Location					
	532CB Main Tank Access Door - Wing Station 290					
	To do this, do this task: Main Tank Access Door Installation, AMM					
	TASK 28-11-11-400-801					
	SUBTASK 28-41-44-280-003					
(4)	For the area in the No. 1 fuel tank between rib No. 9 and rib No. 10, do these steps:					
(a)	Remove this access panel:					
	Number Name/Location					
	532DB Main Tank Access Door - Wing Station 313					
	To do this, do this task: Main Tank Access Door Removal, AMM					
	TASK 28-11-11-000-801					
(b)	Go into the opening for:					
	Number Name/Location					
	532DB Main Tank Access Door - Wing Station 313					
(c)	For all FQIS wiring and components between Rib No. 9 and Rib No. 10, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801					
(d)	If access is not necessary for subsequent tasks, install this access panel:					
	Number Name/Location					
	532DB Main Tank Access Door - Wing Station 313					
	To do this, do this task: Main Tank Access Door Installation, AMM					
	TASK 28-11-11-400-801					
	SUBTASK 28-41-44-280-004					
(5)	For the area in the No. 1 fuel tank between rib No. 10 and rib No. 11, do these steps:					
(a)	Remove this access panel:					
	Number Name/Location					
	532EB Main Tank Access Door - Wing Station 337					
	To do this, do this task: Main Tank Access Door Removal, AMM					
	TASK 28-11-11-000-801					
(b)	Go into the opening for:					
	Number Name/Location					
	532EB Main Tank Access Door - Wing Station 337					
(c)	For all FQIS wiring and components between Rib No. 10 and Rib No. 11, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801					
(d)	If access is not necessary for subsequent tasks, install this access panel:					
	Number Name/Location					
	532EB Main Tank Access Door - Wing Station 337					
	To do this, do this task: Main Tank Access Door Installation, AMM					
	TASK 28-11-11-400-801					

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)	
		D633A109-AKS 28-171-00-01	Page 4 of 9 Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-01
				MECH INSP
SUBTASK 28-41-44-750-002				
(6) For the area in the No. 1 fuel tank between rib No. 11 and rib No. 12, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532FB Main Tank Access Door - Wing Station 367				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location				
532FB Main Tank Access Door - Wing Station 367				
(c) For all FQIS wiring and components between Rib No. 11 and Rib No. 12, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
532FB Main Tank Access Door - Wing Station 367				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-750-003				
(7) For the area in the No. 1 fuel tank between rib No. 12 and rib No. 13, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532GB Main Tank Access Door - Wing Station 390				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location				
532GB Main Tank Access Door - Wing Station 390				
(c) For all FQIS wiring and components between Rib No. 12 and Rib No. 13, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
532GB Main Tank Access Door - Wing Station 390				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-005				
(8) For the area in the No. 1 fuel tank between rib No. 13 and rib No. 14, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
532HB Main Tank Access Door - Wing Station 417				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)	D633A109-AKS 28-171-00-01	Page 5 of 9 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. 28-171-00-01	
				MECH	INSP
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801			
(b)	Go into the opening for: <u>Number</u> <u>Name/Location</u> 532HB Main Tank Access Door - Wing Station 417				
(c)	For all FQIS wiring and components between Rib No. 13 and Rib No. 14, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d)	If access is not necessary for subsequent tasks, install this access panel: <u>Number</u> <u>Name/Location</u> 532HB Main Tank Access Door - Wing Station 417				
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
	SUBTASK 28-41-44-280-006				
(9)	For the area in the No. 1 fuel tank between rib No. 14 and rib No. 15, do these steps: (a) Remove this access panel: <u>Number</u> <u>Name/Location</u> 532JB Main Tank Access Door - Wing Station 443				
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b)	Go into the opening for: <u>Number</u> <u>Name/Location</u> 532JB Main Tank Access Door - Wing Station 443				
(c)	For all FQIS wiring and components between Rib No. 14 and Rib No. 15, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d)	If access is not necessary for subsequent tasks, install this access panel: <u>Number</u> <u>Name/Location</u> 532JB Main Tank Access Door - Wing Station 443				
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
	SUBTASK 28-41-44-280-007				
(10)	For the area in the No. 1 fuel tank between rib No. 15 and rib No. 16, do these steps: (a) Remove this access panel: <u>Number</u> <u>Name/Location</u> 532KB Main Tank Access Door - Wing Station 470				
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b)	Go into the opening for: <u>Number</u> <u>Name/Location</u> 532KB Main Tank Access Door - Wing Station 470				
	EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)		
			D633A109-AKS 28-171-00-01		Page 6 of 9 Oct 15/2014

AKS



737-600/700/800/900 TASK CARDS

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)
		D633A109-AKS 28-171-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-01
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		MECH INSP
		SUBTASK 28-41-44-280-010		
(13)		For the area in the No. 1 fuel tank between rib No. 18 and rib No. 19, do these steps:		
	(a)	Remove this access panel:		
		Number Name/Location		
		532NB Main Tank Access Door - Wing Station 549		
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801		
	(b)	Go into the opening for:		
		Number Name/Location		
		532NB Main Tank Access Door - Wing Station 549		
	(c)	For all FQIS wiring and components between Rib No. 18 and Rib No. 19, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
	(d)	If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		532NB Main Tank Access Door - Wing Station 549		
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		
		SUBTASK 28-41-44-280-011		
(14)		For the area in the No. 1 fuel tank between rib No. 19 and rib No. 20, do these steps:		
	(a)	Remove this access panel:		
		Number Name/Location		
		532PB Main Tank Access Door - Wing Station 576		
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801		
	(b)	Go into the opening for:		
		Number Name/Location		
		532PB Main Tank Access Door - Wing Station 576		
	(c)	For all FQIS wiring and components between Rib No. 19 and Rib No. 20, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
	(d)	If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		532PB Main Tank Access Door - Wing Station 576		
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		
		SUBTASK 28-41-44-280-012		
(15)		For the area in the No. 1 fuel tank between rib No. 20 and rib No. 21, do these steps:		

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)	
		D633A109-AKS 28-171-00-01	Page 8 of 9 Oct 15/2014

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-01
				MECH INSP
(a) Remove this access panel:				
	Number	Name/Location		
532QB	Main Tank Access Door - Wing Station 602			
To do this, do this task: Main Tank Access Door Removal, AMM				
TASK 28-11-11-000-801				
(b) Go into the opening for:				
	Number	Name/Location		
532QB	Main Tank Access Door - Wing Station 602			
(c) For all FQIS wiring and components between Rib No. 20 and Rib No. 21, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
	Number	Name/Location		
532QB	Main Tank Access Door - Wing Station 602			
To do this, do this task: Main Tank Access Door Installation, AMM				
TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-013				
(16) For the area in the No. 1 fuel tank between rib No. 21 and rib No. 22, do these steps:				
(a) Remove this access panel:				
	Number	Name/Location		
532RB	Main Tank Access Door - Wing Station 629			
To do this, do this task: Main Tank Access Door Removal, AMM				
TASK 28-11-11-000-801				
(b) Go into the opening for:				
	Number	Name/Location		
532RB	Main Tank Access Door - Wing Station 629			
(c) For all FQIS wiring and components between Rib No. 21 and Rib No. 22, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
	Number	Name/Location		
532RB	Main Tank Access Door - Wing Station 629			
To do this, do this task: Main Tank Access Door Installation, AMM				
TASK 28-11-11-400-801				
———— END OF TASK ————				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - LEFT SIDE (SFAR 88)
		D633A109-AKS 28-171-00-01

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)			BOEING CARD NO. 28-171-00-02
DATE	TASK INSPECTION - DETAILED				RELATED CARD
TAIL NUMBER	WORK AREA R WG FUEL TANK	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 444CR 631AB 631BB 632AB 632AZ 632BB 632BZ 632CB 632DB 632EB 632FB 632GB 632HB 632JB 632KB 632LB 632MB 632NB 632PB 632QB 632RB			ZONE 632

Inspect (detailed) the in-tank FQIS components for chaffing, rubbing, adequate separation from structure and condition for security. (SFAR 88)

A. References

Reference	Title
AMM 06-43-00-800-801	Engine and Nacelle Strut Access Doors and Panels (P/B 201)
AMM 06-44-00-800-801	Finding an Access Door or Panel on the Wings (P/B 201)
AMM 28-11-11-000-801	Main Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-801	Main Tank Access Door Installation (P/B 401)
AMM 28-41-44-210-801	FQIS Wiring and Component Visual Inspection (P/B 601)

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)
		D633A109-AKS 28-171-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-02
				MECH INSP
► SFAR 88 TASK 28-41-44-280-802				
1. FQIS, No. 2 Tank - Inspection				
A. Procedure				
SUBTASK 28-41-44-750-004				
(1) For the area in the No. 2 fuel tank between rib No. 5 (inboard tank end) and rib No. 7, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
632AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(b) Go into the opening for:				
Number Name/Location				
632AB Main Tank Access Door - Wing Station 216				
(c) For the area in the No. 2 fuel tank between rib No. 6 and rib No. 7, remove only one of these access panels on rib No. 6 (unless the engine is removed):				
Number Name/Location				
632AZ Main Tank Inner Access at Rib 6				
632BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(d) For all FQIS wiring and components between Rib No. 5 and Rib No. 7, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.				
(e) If it is removed and access is not necessary for subsequent tasks, install the applicable access panel(s) on rib No. 6:				
Number Name/Location				
632AZ Main Tank Inner Access at Rib 6				
632BZ Main Tank Inner Access at Rib 6				
To do this, do this task: Finding an Access Door or Panel on the Wings, AMM TASK 06-44-00-800-801.				
(f) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
632AB Main Tank Access Door - Wing Station 216				
To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
SUBTASK 28-41-44-280-014				
(2) For the area in the No. 2 fuel tank between rib No. 7 and rib No. 8, do these steps:				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)	D633A109-AKS 28-171-00-02	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. 28-171-00-02	
				MECH	INSP
(a)	Remove this access panel:				
	Number	Name/Location			
	444CR	Aft Strut Fairing, Right Access To Fuel Door, Strut 2			
	(Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).				
(b)	Remove this access panel:				
	Number	Name/Location			
	632BB	Main Tank Access Door - Wing Station 265			
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801.				
(c)	Go into the opening for:				
	Number	Name/Location			
	632BB	Main Tank Access Door - Wing Station 265			
(d)	For all FQIS wiring and components between Rib No. 7 and Rib No. 8, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801.				
(e)	If access is not necessary for subsequent tasks, install this access panel:				
	Number	Name/Location			
	632BB	Main Tank Access Door - Wing Station 265			
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801.				
(f)	Install this access panel:				
	Number	Name/Location			
	444CR	Aft Strut Fairing, Right Access To Fuel Door, Strut 2			
	(Engine and Nacelle Strut Access Doors and Panels, AMM TASK 06-43-00-800-801).				
SUBTASK 28-41-44-280-015					
(3)	For the area in the No. 2 fuel tank between rib No. 8 and rib No. 9, do these steps:				
(a)	Remove this access panel:				
	Number	Name/Location			
	632CB	Main Tank Access Door - Wing Station 290			
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b)	Go into the opening for:				
	Number	Name/Location			
	632CB	Main Tank Access Door - Wing Station 290			
(c)	For all FQIS wiring and components between Rib No. 8 and Rib No. 9, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
EFFECTIVITY AKS ALL					
SOURCE MRB		DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)			
		D633A109-AKS 28-171-00-02			
Page 3 of 9 Feb 15/2015					

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-02
(d)	If access is not necessary for subsequent tasks, install this access panel:			MECH INSP
	Number Name/Location			
	632CB Main Tank Access Door - Wing Station 290			
	To do this, do this task: Main Tank Access Door Installation, AMM			
	TASK 28-11-11-400-801			
	SUBTASK 28-41-44-280-016			
(4)	For the area in the No. 2 fuel tank between rib No. 9 and rib No. 10, do these steps:			
(a)	Remove this access panel:			
	Number Name/Location			
	632DB Main Tank Access Door - Wing Station 313			
	To do this, do this task: Main Tank Access Door Removal, AMM			
	TASK 28-11-11-000-801			
(b)	Go into the opening for:			
	Number Name/Location			
	632DB Main Tank Access Door - Wing Station 313			
(c)	For all FQIS wiring and components between Rib No. 9 and Rib No. 10, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801			
(d)	If access is not necessary for subsequent tasks, install this access panel:			
	Number Name/Location			
	632DB Main Tank Access Door - Wing Station 313			
	To do this, do this task: Main Tank Access Door Installation, AMM			
	TASK 28-11-11-400-801			
	SUBTASK 28-41-44-280-017			
(5)	For the area in the No. 2 fuel tank between rib No. 10 and rib No. 11, do these steps:			
(a)	Remove this access panel:			
	Number Name/Location			
	632EB Main Tank Access Door - Wing Station 337			
	To do this, do this task: Main Tank Access Door Removal, AMM			
	TASK 28-11-11-000-801			
(b)	Go into the opening for:			
	Number Name/Location			
	632EB Main Tank Access Door - Wing Station 337			
(c)	For all FQIS wiring and components between Rib No. 10 and Rib No. 11, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801			
(d)	If access is not necessary for subsequent tasks, install this access panel:			
	Number Name/Location			
	632EB Main Tank Access Door - Wing Station 337			
	To do this, do this task: Main Tank Access Door Installation, AMM			
	TASK 28-11-11-400-801			

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)	
		D633A109-AKS 28-171-00-02	Page 4 of 9 Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-02
				MECH INSP
SUBTASK 28-41-44-750-005				
(6) For the area in the No. 2 fuel tank between rib No. 11 and rib No. 12, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 (c) For all FQIS wiring and components between Rib No. 11 and Rib No. 12, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location 632FB Main Tank Access Door - Wing Station 367 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-018				
(7) For the area in the No. 2 fuel tank between rib No. 12 and rib No. 13, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632GB Main Tank Access Door - Wing Station 390 To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b) Go into the opening for:				
Number Name/Location 632GB Main Tank Access Door - Wing Station 390 (c) For all FQIS wiring and components between Rib No. 12 and Rib No. 13, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location 632GB Main Tank Access Door - Wing Station 390 To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-019				
(8) For the area in the No. 2 fuel tank between rib No. 13 and rib No. 14, do these steps:				
(a) Remove this access panel:				
Number Name/Location 632HB Main Tank Access Door - Wing Station 417				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)	
		D633A109-AKS 28-171-00-02	Page 5 of 9 Oct 15/2014

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-02	
				MECH	INSP
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801			
(b)	Go into the opening for: <u>Number</u> <u>Name/Location</u> 632HB Main Tank Access Door - Wing Station 417				
(c)	For all FQIS wiring and components between Rib No. 13 and Rib No. 14, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d)	If access is not necessary for subsequent tasks, install this access panel: <u>Number</u> <u>Name/Location</u> 632HB Main Tank Access Door - Wing Station 417				
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-020					
(9)	For the area in the No. 2 fuel tank between rib No. 14 and rib No. 15, do these steps:				
(a)	Remove this access panel: <u>Number</u> <u>Name/Location</u> 632JB Main Tank Access Door - Wing Station 443				
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b)	Go into the opening for: <u>Number</u> <u>Name/Location</u> 632JB Main Tank Access Door - Wing Station 443				
(c)	For all FQIS wiring and components between Rib No. 14 and Rib No. 15, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d)	If access is not necessary for subsequent tasks, install this access panel: <u>Number</u> <u>Name/Location</u> 632JB Main Tank Access Door - Wing Station 443				
	To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801				
SUBTASK 28-41-44-280-021					
(10)	For the area in the No. 2 fuel tank between rib No. 15 and rib No. 16, do these steps:				
(a)	Remove this access panel: <u>Number</u> <u>Name/Location</u> 632KB Main Tank Access Door - Wing Station 470				
	To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801				
(b)	Go into the opening for: <u>Number</u> <u>Name/Location</u> 632KB Main Tank Access Door - Wing Station 470				
EFFECTIVITY AKS ALL					
		SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)		
			D633A109-AKS 28-171-00-02	Page 6 of 9 Oct 15/2014	

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)
		D633A109-AKS 28-171-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-02
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		MECH INSP
		SUBTASK 28-41-44-280-024		
(13)		For the area in the No. 2 fuel tank between rib No. 18 and rib No. 19, do these steps:		
	(a)	Remove this access panel:		
		Number Name/Location		
		632NB Main Tank Access Door - Wing Station 549		
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801		
	(b)	Go into the opening for:		
		Number Name/Location		
		632NB Main Tank Access Door - Wing Station 549		
	(c)	For all FQIS wiring and components between Rib No. 18 and Rib No. 19, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
	(d)	If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		632NB Main Tank Access Door - Wing Station 549		
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		
		SUBTASK 28-41-44-280-025		
(14)		For the area in the No. 2 fuel tank between rib No. 19 and rib No. 20, do these steps:		
	(a)	Remove this access panel:		
		Number Name/Location		
		632PB Main Tank Access Door - Wing Station 576		
		To do this, do this task: Main Tank Access Door Removal, AMM TASK 28-11-11-000-801		
	(b)	Go into the opening for:		
		Number Name/Location		
		632PB Main Tank Access Door - Wing Station 576		
	(c)	For all FQIS wiring and components between Rib No. 19 and Rib No. 20, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
	(d)	If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		632PB Main Tank Access Door - Wing Station 576		
		To do this, do this task: Main Tank Access Door Installation, AMM TASK 28-11-11-400-801		
		SUBTASK 28-41-44-280-026		
(15)		For the area in the No. 2 fuel tank between rib No. 20 and rib No. 21, do these steps:		

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - RIGHT SIDE (SFAR 88)
		D633A109-AKS 28-171-00-02

AKS



737-600/700/800/900 TASK CARDS

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE DETAILED INSPECTION FQIS IN TANK COMPONENTS - CENTER TANK (SFAR 88)			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				28-171-00-03
TAIL NUMBER	WORK AREA CTR FUEL TANK	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	RELATED CARD
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 131AB 531AB 531BB 631AB 631BB			ZONE 131 132 531 631

Inspect (detailed) the in-tank FQIS components for chaffing, rubbing, adequate separation from structure and condition for security. (SFAR 88)

A. References

Reference	Title
AMM 28-11-31-000-801	Center Tank Access Door Removal (P/B 401)
AMM 28-11-31-400-801	Center Tank Access Door - Installation (P/B 401)
AMM 28-41-44-210-801	FQIS Wiring and Component Visual Inspection (P/B 601)

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - CENTER TANK (SFAR 88)
		D633A109-AKS 28-171-00-03

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-03
				MECH INSP
► SFAR 88				
TASK 28-41-44-280-803				
1. FQIS, Center Tank - Inspection				
A. Procedure				
SUBTASK 28-41-44-750-006				
(1) For the area in the center tank on the left side between rib No. 4 and rib No. 5 (tank end), do these steps:				
(a) Remove this access panel:				
Number Name/Location				
531BB Center Tank Access Door - Wing Station 192				
To do this, do this task: Center Tank Access Door Removal, AMM				
TASK 28-11-31-000-801				
(b) Go into the opening for:				
Number Name/Location				
531BB Center Tank Access Door - Wing Station 192				
(c) For all FQIS wiring and components between Rib No. 4 and Rib No. 5, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
531BB Center Tank Access Door - Wing Station 192				
To do this, do this task: Center Tank Access Door - Installation, AMM				
TASK 28-11-31-400-801				
SUBTASK 28-41-44-280-028				
(2) For the area in the center tank on the left side between rib No. 1 (side of body rib) and rib No. 4, do these steps:				
(a) Remove this access panel:				
Number Name/Location				
531AB Center Tank Access Door - Wing Station 168				
To do this, do this task: Center Tank Access Door Removal, AMM				
TASK 28-11-31-000-801				
(b) Go into the opening for:				
Number Name/Location				
531AB Center Tank Access Door - Wing Station 168				
(c) For all FQIS wiring and components between Rib No. 1 and Rib No. 4, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801				
(d) If access is not necessary for subsequent tasks, install this access panel:				
Number Name/Location				
531AB Center Tank Access Door - Wing Station 168				

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - CENTER TANK (SFAR 88)	
		D633A109-AKS 28-171-00-03	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. 28-171-00-03
		To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801		MECH INSP
		SUBTASK 28-41-44-280-029		
		(3) For the area in the center tank on the right side between rib No. 4 and rib No. 5 (tank end), do these steps:		
		(a) Remove this access panel:		
		Number Name/Location		
		631BB Center Tank Access Door - Wing Station 192		
		To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801		
		(b) Go into the opening for:		
		Number Name/Location		
		631BB Center Tank Access Door - Wing Station 192		
		(c) For all FQIS wiring and components between Rib No. 4 and Rib No. 5, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
		(d) If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		631BB Center Tank Access Door - Wing Station 192		
		To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801		
		SUBTASK 28-41-44-280-030		
		(4) For the area in the center tank on the right side between rib No. 1 (side of body rib) and rib No. 4, do these steps:		
		(a) Remove this access panel:		
		Number Name/Location		
		631AB Center Tank Access Door - Wing Station 168		
		To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801		
		(b) Go into the opening for:		
		Number Name/Location		
		631AB Center Tank Access Door - Wing Station 168		
		(c) For all FQIS wiring and components between Rib No. 1 and Rib No. 4, do this task: FQIS Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801		
		(d) If access is not necessary for subsequent tasks, install this access panel:		
		Number Name/Location		
		631AB Center Tank Access Door - Wing Station 168		
		To do this, do this task: Center Tank Access Door - Installation, AMM TASK 28-11-31-400-801		
		SUBTASK 28-41-44-280-031		
		(5) For the area of the center tank in the center wing section, do these steps:		

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - CENTER TANK (SFAR 88)
		D633A109-AKS 28-171-00-03

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-171-00-03	
				(a) Remove this access panel: Number Name/Location 131AB Center Tank Access To do this, do this task: Center Tank Access Door Removal, AMM TASK 28-11-31-000-801	MECH INSP

- (a) Remove this access panel:

Number Name/Location

131AB Center Tank Access

To do this, do this task: Center Tank Access Door Removal, AMM
TASK 28-11-31-000-801

- (b) Go into the opening for:

Number Name/Location

131AB Center Tank Access

- (c) For all FQIS wiring and components in the wing center section, do this task: FQIS
Wiring and Component Visual Inspection, AMM TASK 28-41-44-210-801

- (d) If access is not necessary for subsequent tasks, install this access panel:

Number Name/Location

131AB Center Tank Access

To do this, do this task: Center Tank Access Door - Installation, AMM
TASK 28-11-31-400-801

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	DETAILED INSPECTION FQIS IN TANK COMPONENTS - CENTER TANK (SFAR 88)	
		D633A109-AKS 28-171-00-03	Page 4 of 4 Feb 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)			BOEING CARD NO.
DATE	TASK FUNCTIONAL				28-173-00-01
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	RELATED CARD
STATION	SKILL AIRPL				APPLICABILITY AIRPLANE ALL ENGINE ALL
		ACCESS 511AT 521BB 611AT 621BB		ZONE 133 510 610	

Functionally check (resistance measurement) out tank FQIS wire bundle lightning shield to ground termination. (SFAR 88)

SPECIAL NOTE: AWL task (28-AWL-03) interval for this task is 10 YRS. See MPD section 9.

A. References

Reference	Title
AMM 05-55-54-810-805	FQIS Wiring And Bonding - Fault Isolation (P/B 601)
AMM 05-56-02-200-801	LRT Lid Standard Measurement (P/B 201)
AMM 05-56-03-200-801	Loop Resistance Measurement (P/B 201)
AMM 28-00-00-910-801	Airworthiness Limitation Precautions (P/B 201)
AMM 28-41-00-710-801	Operational Test - Fuel Quantity Indicating System (P/B 501)
AMM 32-00-01-080-801	Landing Gear Downlock Pins Removal (P/B 201)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)
SWPM Chapter 20	Standard Wiring Practices Manual

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-14504	Tester - Loop Resistance (LRT "-2 & -3" applicable for all HIRF/FQIS check/inspection intervals) Part #: 906-10246-3 Supplier: 3X2T2 Opt Part #: 906-10246-2 Supplier: 3X2T2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)
		D633A109-AKS 28-173-00-01

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-173-00-01						
				MECH INSP						
► SFAR 88 TASK 05-55-54-200-801										
1. FQIS Wiring And Bonding - Inspection (Figure 1, Figure 2, Figure 3, Figure 4)										
A. General <ul style="list-style-type: none"> (1) This task has one or more steps which are a means to satisfy Airworthiness Limitation Instruction (ALI) requirements. An ALI note will follow the step to which it applies. Any step or sub-step that precedes or follows an ALI identified step is not subject to the ALI requirement. <i>NOTE:</i> This is applicable to Airworthiness Limitation 28-AWL-03. (2) To inspect the FQIS connectors at the fuel tank spar penetrations, a ladder and safety equipment may be required. (3) You will do Loop Resistance measurements on the wire bundles at the connectors listed in (Table 1) at the tank end of the bundles. <i>NOTE:</i> If the Loop Resistance measurement is not within limits, fault isolation on the tested wire bundle is required. (4) Boeing requests that all data recorded while doing this procedure be submitted to the Boeing Company for engineering analysis. Send the data to one of the following addresses: <ul style="list-style-type: none"> (a) Electronically: MTCProgLHIRFTaskCardData@boeing.com. (b) By mail : "The Boeing Company, Attention: Manager, Lightning / HIRF, Mail Code: MC 2J-51, BLDG 11-14N, 2925 S. 112th St., Tukwila, WA 98108, USA". (c) By Fax: 206-662-3672. <i>NOTE:</i> Data sent will help Boeing understand the reliability of the components and will be used to improve the maintenance program. 										
B. Prepare for the Inspection Procedure										
SUBTASK 05-55-54-410-001										
(1) Do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.										
SUBTASK 05-55-54-010-001										
(2) Open these access panels:										
<table> <thead> <tr> <th><u>Number</u></th> <th><u>Name/Location</u></th> </tr> </thead> <tbody> <tr> <td>521BB</td> <td>Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02</td> </tr> <tr> <td>621BB</td> <td>Engine Fuel Spar Valve Access Panel - Slat Station 36.02</td> </tr> </tbody> </table>				<u>Number</u>	<u>Name/Location</u>	521BB	Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02	621BB	Engine Fuel Spar Valve Access Panel - Slat Station 36.02	
<u>Number</u>	<u>Name/Location</u>									
521BB	Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02									
621BB	Engine Fuel Spar Valve Access Panel - Slat Station 36.02									
SUBTASK 05-55-54-840-001										
(3) Make copies of data Sheet (Figure 1) for recording the procedure data.										

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)
		D633A109-AKS 28-173-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-173-00-01
SUBTASK 05-55-54-200-001				MECH INSP
28-AWL-03: ALI				
(4) To prepare the loop resistance tester, SPL-14504, (LRT) (BAE Systems Dallas Service Center (3X2T2), P/N 906-10246-2 or 906-10246-3 only), for use, do this task: LRT Lid Standard Measurement, AMM TASK 05-56-02-200-801.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-03.				
C. FQIS Connector Wiring and Bonding Inspection				
SUBTASK 05-55-54-760-001				
28-AWL-03: ALI				
(1) Do a Loop Resistance Measurement on every wire bundle listed in Table 1.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-03.				
<u>NOTE:</u> Typical LRT connections for the FQIS wire bundles are shown on (Figure 2)				
28-AWL-03: ALI				
(a) Put the LRT Drive and Sense couplers on the wire bundle before the point where the out-tank wire bundle shields breakout from the bundle, and do this task: Loop Resistance Measurement, AMM TASK 05-56-03-200-801.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-03.				
(b) Record the value to the data sheet.				
28-AWL-03: ALI				
(c) Make sure the measured resistance value of the shield to ground termination is within the MIN/MAX values range listed in the data sheet (Figure 1).				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-03.				
(d) If the measured loop resistance value is not within the MIN/MAX values listed in the data sheet, do this task: FQIS Wiring And Bonding - Fault Isolation, AMM TASK 05-55-54-810-805.				
(e) If the measured loop resistance value is within the MIN/MAX values, continue to test on the next wire bundle in the Table.				

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)
		D633A109-AKS 28-173-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-173-00-01								
Table 1												
WIRE BUNDLE NUMBER	CONNECTOR	CONN NUMBER	GROUND	WDM	MECH	INSP						
W1140	LEFT MAIN TANK W/O DENSITOMETER	D11312	GD3950-ST	28-41-11								
W1138	RIGHT MAIN TANK W/O DENSITOMETER	D11314	GD3952-ST	28-41-11								
W7580	CENTER MAIN TANK W/O DENSITOMETER	D11316	GD3774-ST	28-41-11								
SUBTASK 05-55-54-710-002 <ul style="list-style-type: none"> (2) After doing the loop resistance measurement, perform the visual check on the ground wire terminations, connectors, and backshells associated with the wire bundle and make sure they are hand tight, and that there is no evidence of gross degradation or accidental damage. Also, for connector with ground wire which goes from pigtail-to-backshell and ground stud, visually/physically inspect the pigtail-to-backshell terminations and make sure the pigtail is securely fastened to the connector backshell. <ul style="list-style-type: none"> (a) If a loose connector or backshell is found, record that condition to the Data Sheet. Repair per (SWPM Chapter 20). (b) If a loose connector or backshell is found and tightened, retest the wire bundle (FQIS Wiring And Bonding - Inspection, TASK 05-55-54-200-801). (c) Make a note of that condition for future reference. 												
D. Put the Airplane Back to Its Usual Condition												
SUBTASK 05-55-54-710-001 <ul style="list-style-type: none"> (1) If any FQIS wire bundles were disturbed during the accomplishment of this procedure, then do this task: Operational Test - Fuel Quantity Indicating System, AMM TASK 28-41-00-710-801. 												
SUBTASK 05-55-54-940-001 <ul style="list-style-type: none"> (2) Close these access panels: 												
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;"><u>Number</u></th> <th style="text-align: left; width: 85%;"><u>Name/Location</u></th> </tr> </thead> <tbody> <tr> <td style="width: 15%;">521BB</td> <td>Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02</td> </tr> <tr> <td style="width: 15%;">621BB</td> <td>Engine Fuel Spar Valve Access Panel - Slat Station 36.02</td> </tr> </tbody> </table>							<u>Number</u>	<u>Name/Location</u>	521BB	Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02	621BB	Engine Fuel Spar Valve Access Panel - Slat Station 36.02
<u>Number</u>	<u>Name/Location</u>											
521BB	Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02											
621BB	Engine Fuel Spar Valve Access Panel - Slat Station 36.02											
SUBTASK 05-55-54-860-001 <ul style="list-style-type: none"> (3) Do this task: Landing Gear Downlock Pins Removal, AMM TASK 32-00-01-080-801. 												
— END OF TASK —												
EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)										
		D633A109-AKS 28-173-00-01										
Page 4 of 9 Feb 15/2015												

AKS



737-600/700/800/900

TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-173-00-01
------	-------------	---------	------------------	--

DATA SHEET

J79955 S0000179148 V3

FQIS Wiring And Bonding - Inspection - Data Sheet

Figure 1

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)
	D633A109-AKS 28-173-00-01	Page 5 of 9 Oct 15/2014

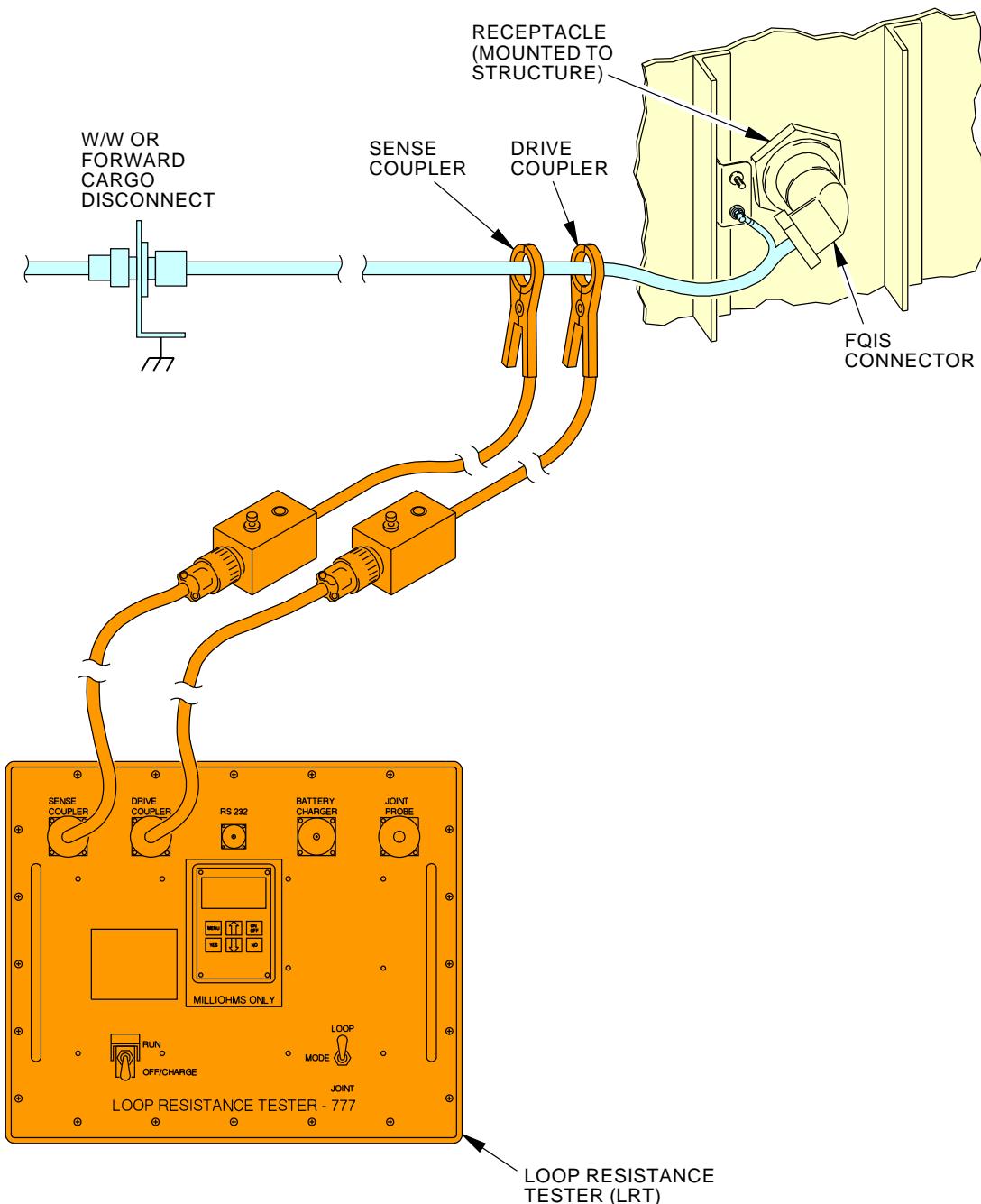
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-173-00-01**LOOP RESISTANCE TESTER CONNECTIONS - LOOP TEST**

J79867 S0000179417_V3

**FQIS Wiring And Bonding - Inspection - Loop Resistance Test Connections
Figure 2**EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)****D633A109-AKS
28-173-00-01****Page 6 of 9
Feb 15/2015**

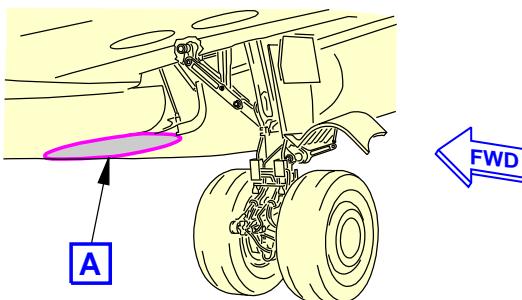
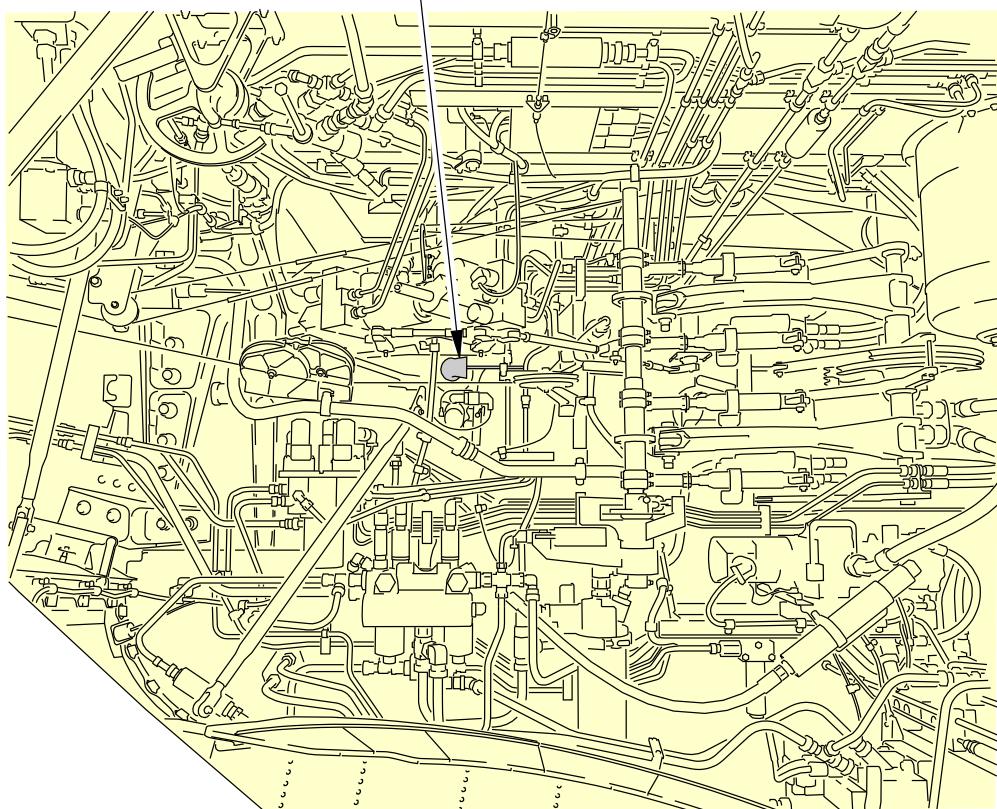
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-173-00-01D11316, W7580
GD3774-ST, W7580**B**

LEFT WHEEL WELL

A

FWD

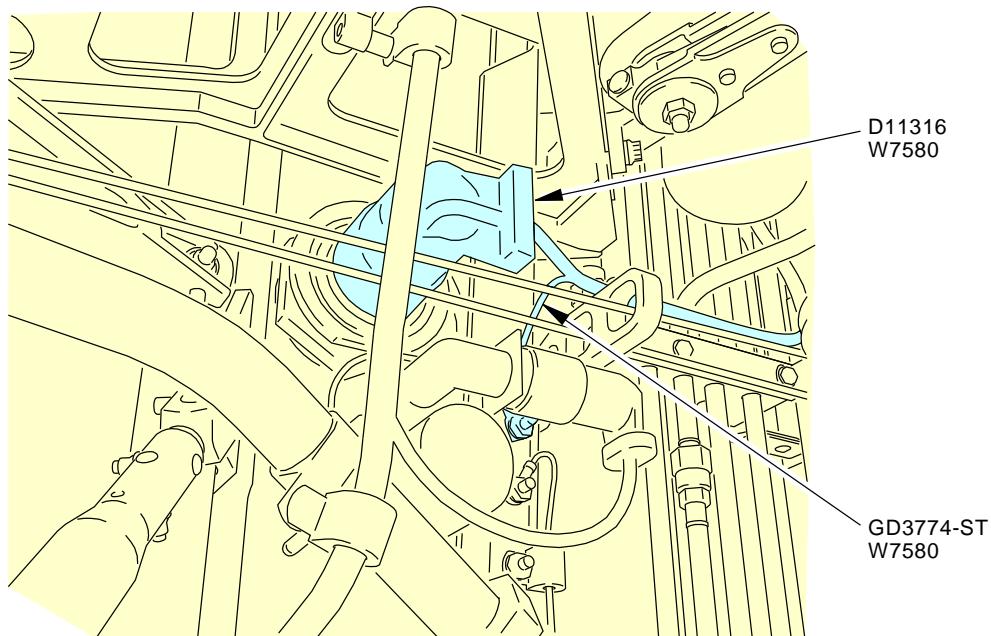


1839117 S0000324980_V4

**FQIS Wiring And Bonding - Inspection - Connector Locations
Figure 3 (Sheet 1 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING
SHIELD TO GROUND TERMINATION (SFAR 88)****D633A109-AKS
28-173-00-01****Page 7 of 9
Feb 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-173-00-01



1839119 S0000324981_V3
FQIS Wiring And Bonding - Inspection - Connector Locations
Figure 3 (Sheet 2 of 2)

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING SHIELD TO GROUND TERMINATION (SFAR 88)
		D633A109-AKS 28-173-00-01

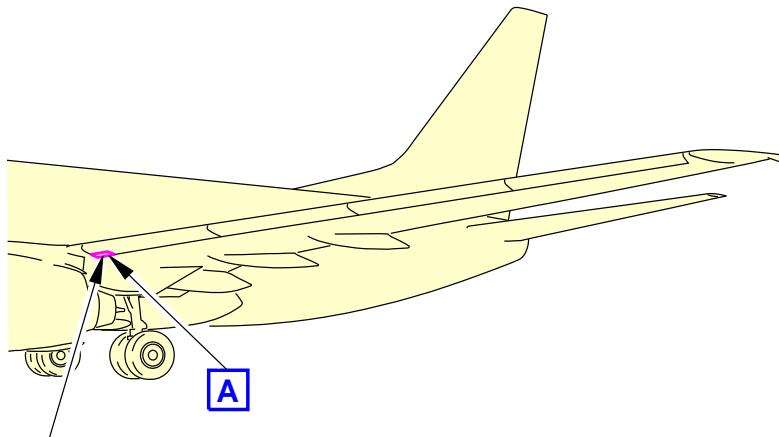
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

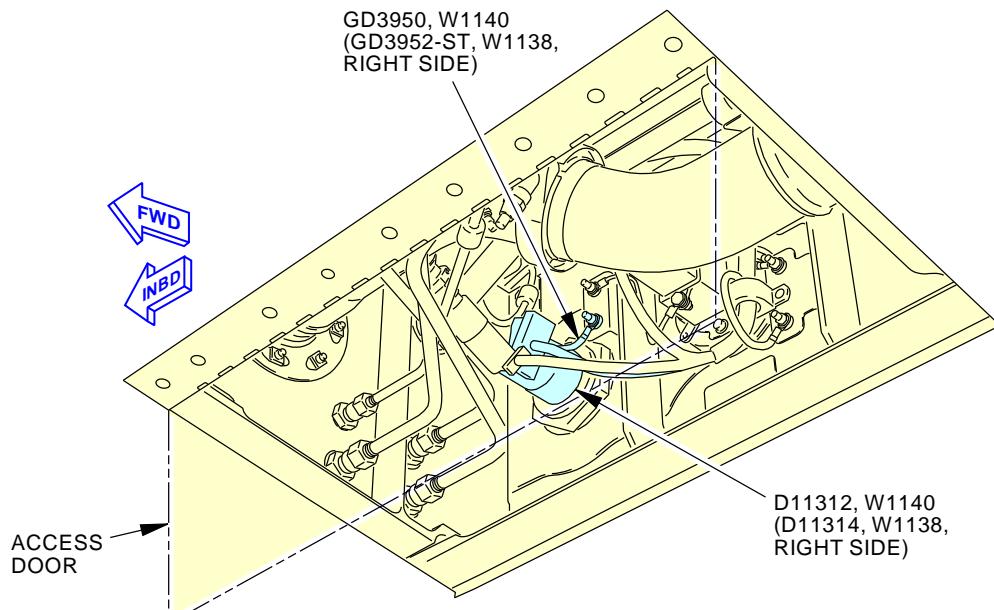
TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-173-00-01

ENGINE VALVE SHUTOFF
ACCESS DOOR, 521BB
(621BB, RIGHT SIDE)



ENGINE VALVE SHUTOFF ACCESS
(LEFT SIDE IS SHOWN, RIGHT SIDE IS OPPOSITE)

A

J86734 S0000182303_V3

FQIS Wiring and Bonding Inspection - Connector Locations
Engine Valve Shutoff
Figure 4

EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CKECK OF FQIS WIRE BUNDLE LIGHTNING
SHIELD TO GROUND TERMINATION (SFAR 88)****D633A109-AKS
28-173-00-01****Page 9 of 9
Feb 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE WIRE BUNDLES ROUTED ON MAIN DECK OVER CENTER FUEL TANK			BOEING CARD NO.
DATE	TASK INSPECTION - DETAILED				28-200-00-01
TAIL NUMBER	WORK AREA AIRPLANE	VERSION 1.1	THRESHOLD 10 YR	REPEAT 10 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS			ZONE 135 136

Perform a detailed inspection of the wire bundles routed on the main deck over the center fuel tank and under the main deck floor boards.

SPECIAL NOTE: AWL task (28-AWL-01) interval for this task is 10 YR. See MPD section 9.

A. References

Reference	Title
AMM 24-22-00 P/B 201	MANUAL CONTROL - MAINTENANCE PRACTICES
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 25-22-00 P/B 401	PASSENGER SEATS - REMOVAL/INSTALLATION
AMM 25-24-15-000-807	Fixed Class Divider - Removal (P/B 401)
AMM 25-24-15-400-806	Fixed Class Divider - Installation (P/B 401)
AMM 25-27-31-000-804	Raceway - Removal (P/B 401)
AMM 25-27-31-400-804	Raceway - Installation (P/B 401)
AMM 28-00-00-910-801	Airworthiness Limitation Precautions (P/B 201)
AMM 53-21-00 P/B 401	PASSENGER CABIN FLOORS - REMOVAL/INSTALLATION
SWPM 20-10-11	WIRING ASSEMBLY AND INSTALLATION CONFIGURATION
SWPM 20-10-13	Repair of Electrical Wire and Cable
SWPM 20-10-22	Standard Wiring Practices Manual

EFFECTIVITY AKS ALL	SOURCE ALI	WIRE BUNDLES ROUTED ON MAIN DECK OVER CENTER FUEL TANK
		D633A109-AKS 28-200-00-01

Page 1 of 5
Feb 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-200-00-01
				MECH INSP
TASK 28-11-00-211-801				
1. External Wires Over the Center Fuel Tank Inspection				
A. General				
(1) This task has one or more steps which are a means to satisfy Airworthiness Limitation Instruction (ALI) requirements. An ALI note will follow the step to which it applies. Any step or sub-step that precedes or follows an ALI identified step is not subject to the ALI requirement.				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-01.				
(2) This task has one or more steps which are a means to satisfy Critical Design Configuration Control Limitation (CDCCL) requirements. A CDCCL note will follow the step to which it applies. Any step or sub-step that precedes or follows a CDCCL identified step is not subject to the CDCCL requirement.				
(a) For important information on CDCCL requirements, refer to this task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801.				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-02.				
(3) This task does a detailed inspection of the wire bundles routed over the center fuel tank and under the main deck floor boards.				
B. Prepare for the Inspection				
SUBTASK 28-11-00-010-011				
(1) To get access to the top of the center tank from Station 540 to Station 664 and left and right body buttock line 24.82, do these steps:				
(a) Remove the seats (AMM PAGEBLOCK 25-22-00/401).				
(b) Remove the partitions (AMM TASK 25-24-15-000-807).				
(c) Remove the raceway (AMM TASK 25-27-31-000-804).				
(d) Remove the passenger cabin floors (AMM PAGEBLOCK 53-21-00/401).				
C. External Wires Over the Center Fuel Tank Inspection				
SUBTASK 28-11-00-211-001				
28-AWL-01: ALI				
(1) Do a detailed inspection of the wire bundles routed over the center fuel tank and under the main deck floor boards.				
<u>NOTE:</u> Removal of the wire bundle sleeving is not necessary, unless damage to the sleeving or wiring can be seen.				
<u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).				
<u>NOTE:</u> This is applicable to Airworthiness Limitation 28-AWL-01.				
(a) Do the inspection from Station 540 to Station 664 and left and right body buttock line 24.82				

EFFECTIVITY AKS ALL	SOURCE ALI	WIRE BUNDLES ROUTED ON MAIN DECK OVER CENTER FUEL TANK	
		D633A109-AKS 28-200-00-01	Page 2 of 5 Feb 15/2015

EFFECTIVITY AKS ALL	SOURCE ALI	WIRE BUNDLES ROUTED ON MAIN DECK OVER CENTER FUEL TANK
		D633A109-AKS 28-200-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-200-00-01
				MECH INSP
		<p>► 28-AWL-01: ALI</p> <p>► 28-AWL-02: CDCCL</p> <p>3) Wire chafing,</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL- Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-01 and 28-AWL-02.</p> <p>► 28-AWL-01: ALI</p> <p>► 28-AWL-02: CDCCL</p> <p>4) Wire bundles that touch (are in contact with) the surface of the center fuel tank.</p> <p><u>NOTE:</u> ALI - Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on airworthiness limitation instructions (ALIs).</p> <p><u>NOTE:</u> CDCCL- Refer to the task: Airworthiness Limitation Precautions, AMM TASK 28-00-00-910-801, for important Information on Critical Design Configuration Control Limitations (CDCCLs).</p> <p><u>NOTE:</u> This is applicable to Airworthiness Limitations 28-AWL-01 and 28-AWL-02.</p> <p><u>NOTE:</u> This includes the wiring bundle sleeving, which is also not to touch (be in contact with) the surface of the center fuel tank.</p>		
		<p>SUBTASK 28-11-00-210-041</p> <p>(2) If you found a problem, do these steps:</p> <p>(a) Remove electrical power from the airplane (AMM TASK 24-22-00-860-812).</p> <p>(b) Do the applicable repair (SWPM 20-10-11, SWPM 20-10-13, SWPM 20-10-22).</p>		
		<p>D. Put the Airplane Back to Its Usual Condition</p> <p>SUBTASK 28-11-00-410-016</p> <p>(1) For the area on the top of the center fuel tank, do these steps to install the parts that you removed to do the inspection:</p> <p>(a) Install the passenger cabin floors (AMM PAGEBLOCK 53-21-00/401).</p> <p>(b) Install the raceway (AMM TASK 25-27-31-400-804).</p> <p>(c) Install the partitions (AMM TASK 25-24-15-400-806).</p> <p>(d) Install the seats (AMM PAGEBLOCK 25-22-00/401).</p>		

EFFECTIVITY AKS ALL	SOURCE ALI	WIRE BUNDLES ROUTED ON MAIN DECK OVER CENTER FUEL TANK	
		D633A109-AKS 28-200-00-01	Page 4 of 5 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-200-00-01
SUBTASK 28-11-00-860-025				MECH INSP
(2) Supply electrical power to the airplane if it is necessary (AMM PAGEBLOCK 24-22-00/201).				
END OF TASK				
EFFECTIVITY AKS ALL	SOURCE ALI	WIRE BUNDLES ROUTED ON MAIN DECK OVER CENTER FUEL TANK D633A109-AKS 28-200-00-01		
				Page 5 of 5 Feb 15/2015

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

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF BONDING RESISTANCE BETWEEN THE HYDRAULIC LINE FITTING AND STRUCTURE (SFAR 88)			BOEING CARD NO. 28-201-00-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 551DB 651DB			ZONE 532 632

Functionally check (resistance measurement) the bonding resistance between the hydraulic line fitting at fuel tank wall penetrations and the adjoining structure. (SFAR 88)

A. References

Reference	Title
AMM 20-10-51-760-801	Electrical Resistance Specifications in the Fuel Tank Check (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-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

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF BONDING RESISTANCE BETWEEN THE HYDRAULIC LINE FITTING AND STRUCTURE (SFAR 88)
		D633A109-AKS 28-201-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-201-00-01
------	-------------	---------	------------------	--

► SFAR 88**TASK 29-11-04-200-801****1. Hydraulic Lines to Heat Exchanger - Bonding Resistance Check**

(Figure 1)

A. Procedure**SUBTASK 29-11-04-560-001**

- (1) Get access to the inlet and outlet hydraulic lines for the main tank heat exchangers (outside the fuel tank).

Open these access panels:

Number Name/Location

551DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam
Outboard Attach Pin Access Panel

651DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam
Outboard Attach Pin Access Panel

SUBTASK 29-11-04-765-001

- (2) Measure the electrical bonding resistance between each of the bulkhead fittings on the hydraulic lines and the structure with a intrinsically safe approved bonding meter, COM-1550 (AMM TASK 20-10-51-760-801).
- (a) Make sure the electrical fay surface bonding resistance is less than 0.001 ohm (1 milliohm).

SUBTASK 29-11-04-410-002

- (3) Close these access panels:

Number Name/Location

551DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam
Outboard Attach Pin Access Panel

651DB Lower Inboard Fixed Trailing Edge, Lube Actuator & MLG Beam
Outboard Attach Pin Access Panel

———— END OF TASK ———

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF BONDING RESISTANCE BETWEEN THE HYDRAULIC LINE FITTING AND STRUCTURE (SFAR 88)
		D633A109-AKS 28-201-00-01

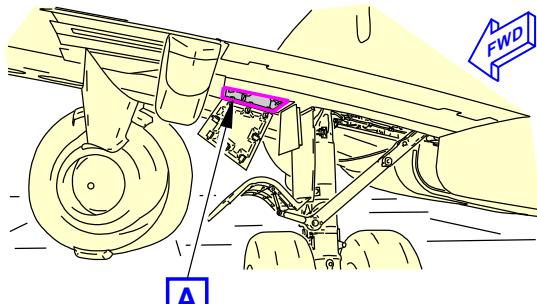
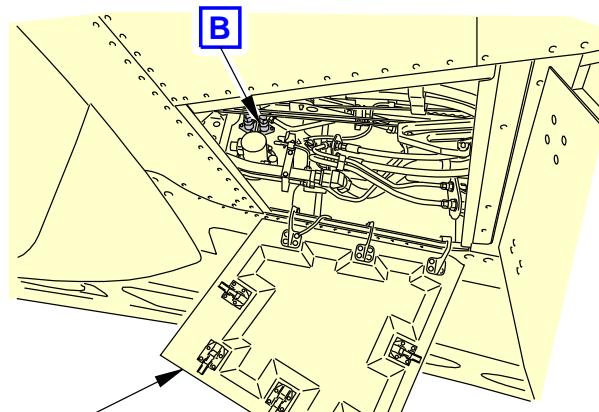
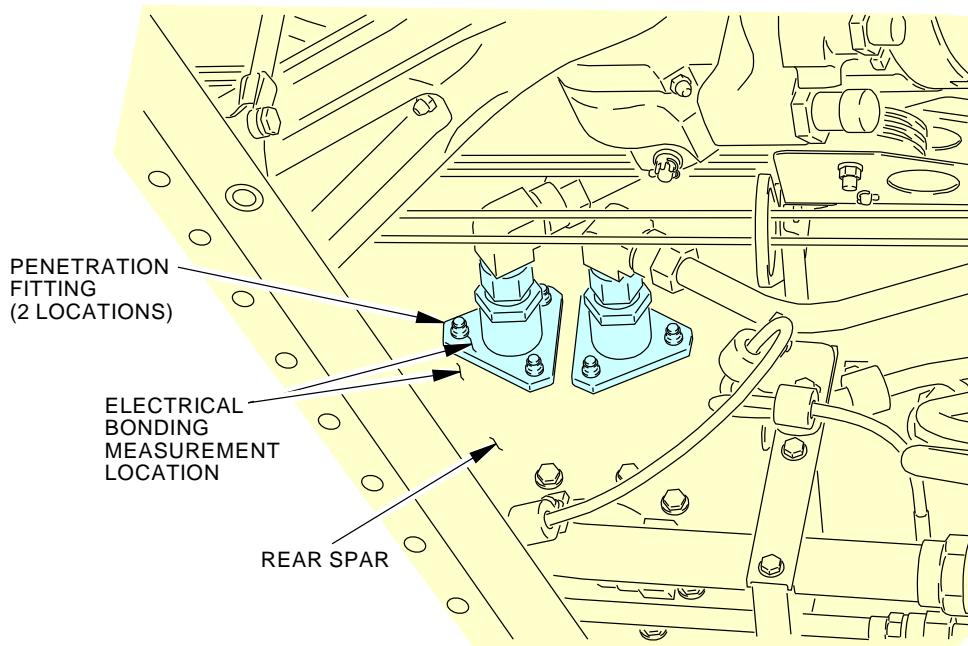
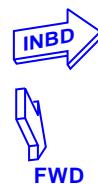
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-201-00-01**LEFT WING
(RIGHT WING IS OPPOSITE)****LEFT (RIGHT) ACCESS
PANEL, 551DB (651DB)**

1344162 S0000238486_V3

**Hydraulic Lines to Heat Exchanger - Bonding Resistance Measurement
Figure 1****EFFECTIVITY
AKS ALL****SOURCE
MRB****FUNCTIONAL CHECK OF BONDING RESISTANCE BETWEEN
THE HYDRAULIC LINE FITTING AND STRUCTURE (SFAR 88)****D633A109-AKS
28-201-00-01****Page 3 of 3
Jun 15/2015**

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF THE BONDING OF AIR VENT TO THE DOOR STRUCTURE (SFAR 88)			BOEING CARD NO. 28-204-00-01	
DATE	TASK FUNCTIONAL				RELATED CARD	
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY	
STATION	SKILL AIRPL				AIRPLANE ALL	ENGINE ALL
		ACCESS 533BB 633BB			ZONE 533 633	

Functionally check (resistance measurement) the bonding between the lower air vent stack and the door structure. (SFAR 88)

A. References

Reference	Title
AMM 28-11-11-000-802	Surge Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-802	Surge Tank Access Door - Installation (P/B 401)
SWPM 20-20-00	Electrical Bonding Processes

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-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
STD-200	Container - Fuel Resistant, 10 gallon (38 l)

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF AIR VENT TO THE DOOR STRUCTURE (SFAR 88)
		D633A109-AKS 28-204-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-204-00-01
				MECH INSP
► SFAR 88				
TASK 28-13-31-200-801				
1. Air Vent Scoop - Bonding Resistance Check (Figure 1)				
A. Prepare for the Procedure				
SUBTASK 28-13-31-862-001				
(1) Make sure the airplane is correctly grounded to an approved and identified ground.				
SUBTASK 28-13-31-210-005				
(2) Make sure there is no remaining fuel in the surge tank.				
(a) Put a 10 gallon (38 l) fuel resistant container, STD-200, below the sump drain valve.				
(b) Open the applicable sump drain valve.				
(c) Let the remaining fuel flow into a 10 gallon (38 l) fuel resistant container, STD-200.				
SUBTASK 28-13-31-010-004				
(3) Remove or open the applicable access panels:				
Number Name/Location				
533BB Surge Tank Access Door - Wing Station 679				
633BB Surge Tank Access Door - Wing Station 679				
To remove the access panel(s), do this task: Surge Tank Access Door Removal, AMM TASK 28-11-11-000-802.				
B. Electrical Bonding Measurement				
SUBTASK 28-13-31-760-001				
(1) Measure the electrical bonding resistance between the upper duct and the door assembly with a intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00).				
(a) Make sure the resistance is 0.010 ohm (10 milliohms) or less.				
SUBTASK 28-13-31-760-002				
(2) Measure the electrical bonding resistance between the flame arrestor and the door assembly with a intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00).				
(a) Make sure the resistance is 0.010 ohm (10 milliohms) or less.				
C. Put the Airplane Back to Its Usual Condition				
SUBTASK 28-13-31-410-003				
(1) Install or close the applicable access panels:				
Number Name/Location				
533BB Surge Tank Access Door - Wing Station 679				
633BB Surge Tank Access Door - Wing Station 679				
To install the access panel(s), do this task: Surge Tank Access Door - Installation, AMM TASK 28-11-11-400-802.				
— END OF TASK —				
EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF AIR VENT TO THE DOOR STRUCTURE (SFER 88)		
		D633A109-AKS 28-204-00-01		
		Page 2 of 4 Feb 15/2015		

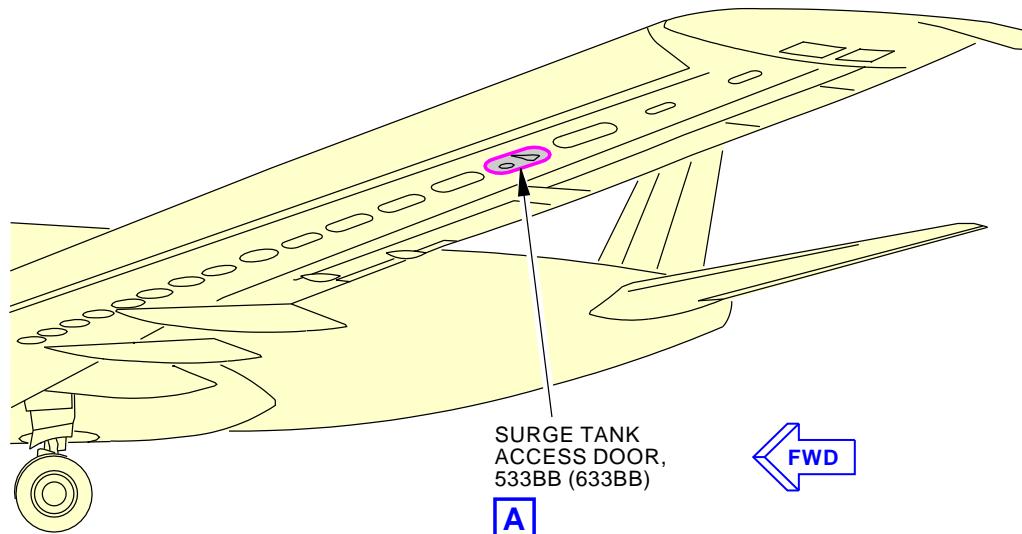
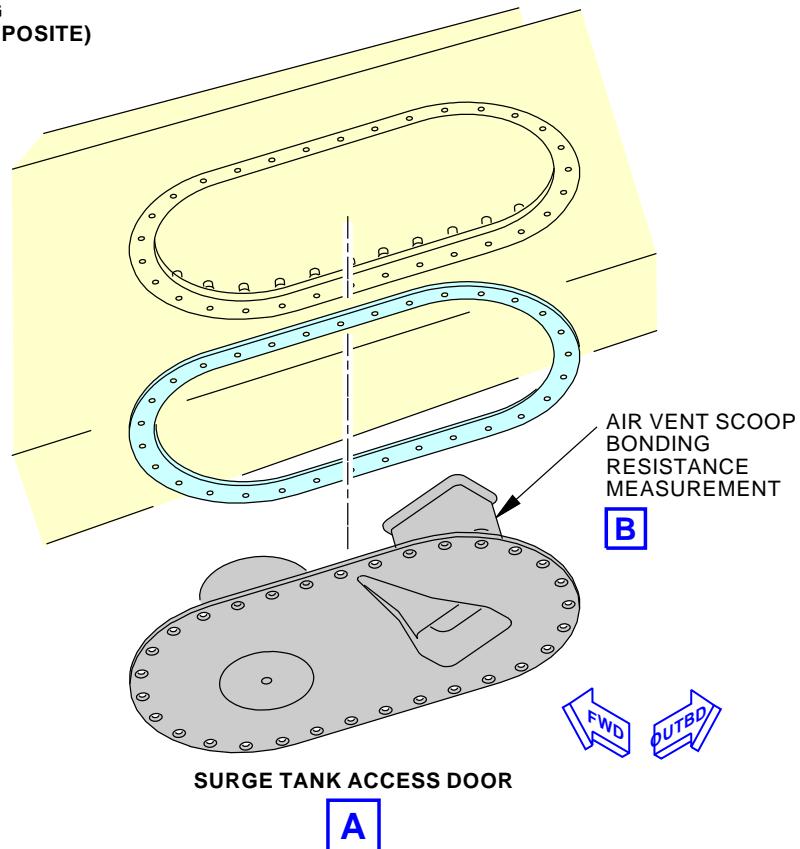
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-204-00-01**LEFT WING
(RIGHT WING IS OPPOSITE)**

Air Vent Scoop - Bonding Resistance Measurement
Figure 1 (Sheet 1 of 2)

1341388 S0000238426_V2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF AIR VENT TO THE DOOR STRUCTURE (SFAR 88)
		D633A109-AKS 28-204-00-01

Page 3 of 4
Jun 15/2015

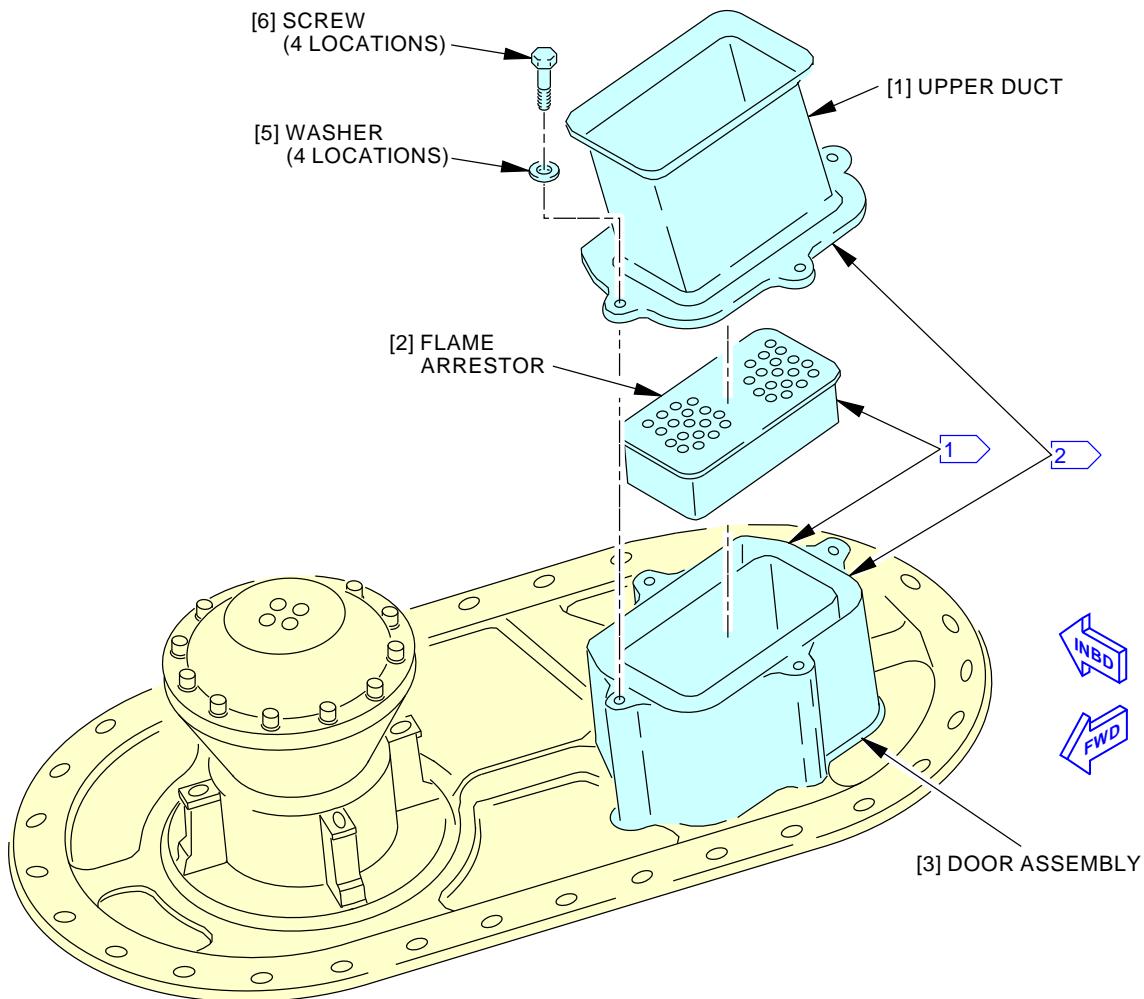
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-204-00-01**AIR VENT SCOOP BONDING RESISTANCE MEASUREMENT****B**

- 1** THE RESISTANCE FROM THE FLAME ARRESTOR TO THE FLANGE ON THE DOOR ASSEMBLY IS 0.010 OHM OR LESS.
- 2** THE RESISTANCE FROM THE FLANGE ON THE DOOR ASSEMBLY TO THE FLANGE ON THE UPPER DUCT IS 0.010 OHM OR LESS.

1843121 S0000326186_V3

**Air Vent Scoop - Bonding Resistance Measurement
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF AIR VENT TO THE DOOR STRUCTURE (SFAR 88)
		D633A109-AKS 28-204-00-01

Page 4 of 4
Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK THE BONDING OF PRESSURE RELIEF VALVE TO THE STRUCTURE (SFAR 88)			BOEING CARD NO. 28-205-00-01	
DATE	TASK FUNCTIONAL				RELATED CARD	
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY	
STATION	SKILL AIRPL				AIRPLANE ALL	ENGINE ALL
		ACCESS 533BB 633BB			ZONE 533 633	

Functionally check (resistance measurement) the bonding between the pressure relief valve and the structure. (SFAR 88)

A. References

Reference	Title
AMM 28-11-11-000-802	Surge Tank Access Door Removal (P/B 401)
AMM 28-11-11-400-802	Surge Tank Access Door - Installation (P/B 401)
AMM 28-13-41-400-802	Pressure Relief Valve - Manual Operation (P/B 601)
SWPM 20-20-00	Electrical Bonding Processes

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-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
STD-200	Container - Fuel Resistant, 10 gallon (38 l)

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK THE BONDING OF PRESSURE RELIEF VALVE TO THE STRUCTURE (SFAR 88)
		D633A109-AKS 28-205-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-205-00-01
				MECH INSP
► SFAR 88				
TASK 28-13-41-200-802				
1. Pressure Relief Valve - Bonding Resistance Check				
(Figure 1)				
A. Prepare for the Procedure				
SUBTASK 28-13-41-862-001				
(1) Make sure the airplane is correctly grounded to an approved and identified ground.				
SUBTASK 28-13-41-710-002				
(2) Make sure there is no remaining fuel in the surge tank.				
(a) Put a 10 gallon (38 l) fuel resistant container, STD-200, below the sump drain valve.				
(b) Open the applicable sump drain valve.				
(c) Let the remaining fuel flow into a 10 gallon (38 l) fuel resistant container, STD-200.				
SUBTASK 28-13-41-560-001				
WARNING: MAKE SURE THAT THE RELIEF VALVE IS OPEN BEFORE YOU REMOVE THE ACCESS PANEL. THE SPRING THAT HOLDS THE VALVE CLOSED IS VERY STRONG. IF THE RELIEF VALVE OPENS SUDDENLY, IT CAN CAUSE INJURIES TO PERSONNEL.				
(3) Use a screwdriver to put the relief valve into the open position if it is not open (AMM TASK 28-13-41-400-802).				
SUBTASK 28-13-41-010-002				
(4) Remove the applicable access doors from the surge tank: (AMM TASK 28-11-11-000-802)				
Number Name/Location				
533BB Surge Tank Access Door - Wing Station 679				
633BB Surge Tank Access Door - Wing Station 679				
B. Electrical Bonding Measurement				
SUBTASK 28-13-41-765-002				
(1) Measure the electrical bonding resistance between the pressure relief valve and the door assembly with a intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00).				
(a) Make sure the resistance is 0.010 ohm (10 milliohms) or less.				
C. Put the Airplane Back to Its Usual Condition				
SUBTASK 28-13-41-410-002				
(1)				
To install this access panel: (AMM TASK 28-11-11-400-802)				
Number Name/Location				
533BB Surge Tank Access Door - Wing Station 679				
EFFECTIVITY AKS ALL		SOURCE MRB	FUNCTIONAL CHECK THE BONDING OF PRESSURE RELIEF VALVE TO THE STRUCTURE (SFAR 88)	
			D633A109-AKS 28-205-00-01	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. 28-205-00-01
				MECH INSP
or close this access panel:				
Number <u>633BB</u> Name/Location <u>Surge Tank Access Door - Wing Station 679</u>				
SUBTASK 28-13-41-410-003				
(2) Pull the T-handle to close the pressure relief valve manually (AMM TASK 28-13-41-400-802).				
———— END OF TASK ————				
EFFECTIVITY AKS ALL		SOURCE MRB	FUNCTIONAL CHECK THE BONDING OF PRESSURE RELIEF VALVE TO THE STRUCTURE (SFAR 88)	
			D633A109-AKS 28-205-00-01	Page 3 of 4 Feb 15/2015

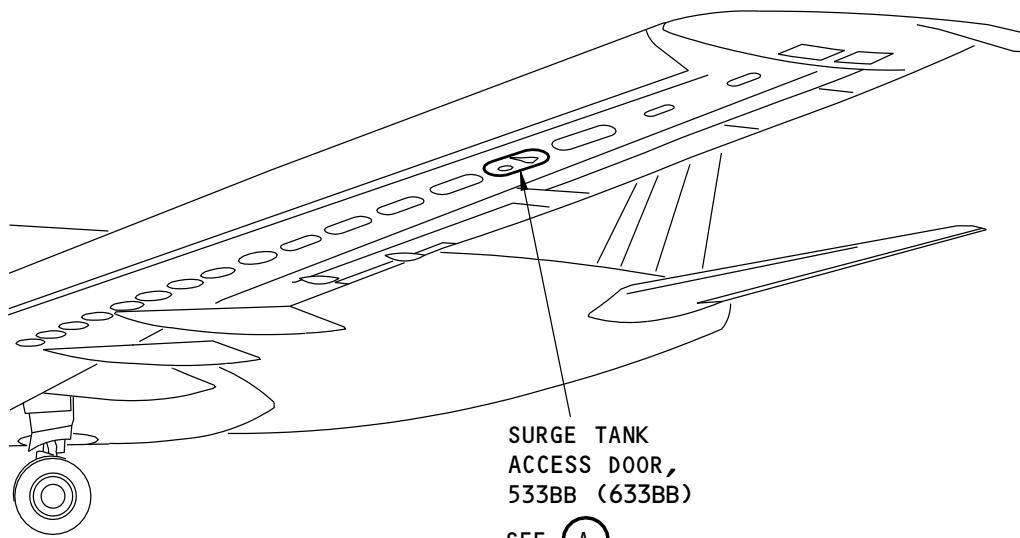
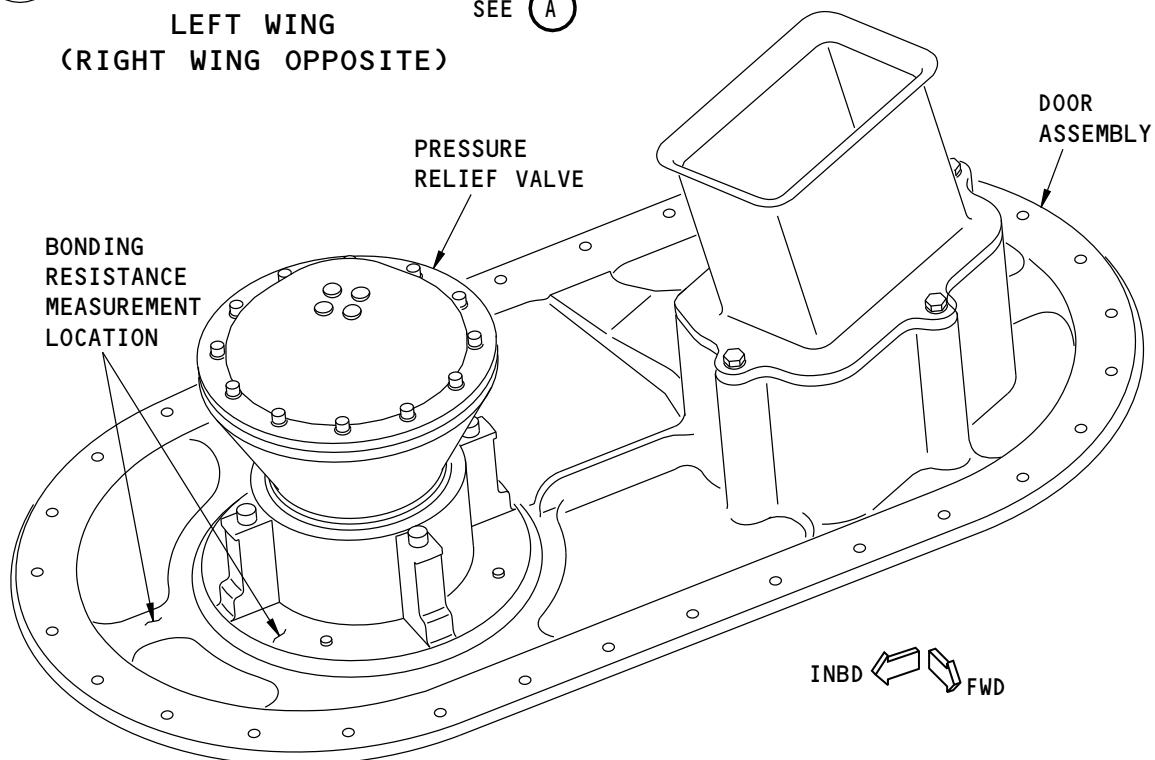
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-205-00-01**LEFT WING
(RIGHT WING OPPOSITE)****PRESSURE RELIEF VALVE****(A)**

2187756 S0000485124_V1

**Pressure Relief Valve - Bonding Resistance Measurement
Figure 1****EFFECTIVITY
AKS ALL****SOURCE
MRB****FUNCTIONAL CHECK THE BONDING OF PRESSURE RELIEF
VALVE TO THE STRUCTURE (SFAR 88)****D633A109-AKS
28-205-00-01****Page 4 of 4
Oct 15/2014**

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

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF SHUTOFF VALVES ACTUATOR TO STRUCTURE (SFAR 88)			BOEING CARD NO. 28-207-00-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA RIGHT WING	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL	ACCESS 621GB			ZONE 621

Functionally check (resistance measurement) the bonding of the fueling shutoff valve actuator (solenoid) to the adjoining structure. (SFAR 88)

A. References

Reference	Title
SWPM 20-20-00	Electrical Bonding Processes
SWPM 20-20-10	REPLACEMENT OF GROUND STUDS AND BONDING JUMPER INSTALLATION

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-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

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF SHUTOFF VALVES ACTUATOR TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-207-00-01

 Page 1 of 4
 Feb 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-207-00-01
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► SFAR 88**TASK 28-21-51-200-801****1. Fueling Shutoff Valve - Bonding Resistance Check**

(Figure 1)

A. Prepare for the Procedure**SUBTASK 28-21-51-010-002**

- (1) Open this access panel:

Number Name/Location

621GB Refuel Access Panel - Slat Station 143.27

SUBTASK 28-21-51-710-002

- (2) Make sure the manual defueling valve is closed.

SUBTASK 28-21-51-710-003

- (3) Make sure all the fueling shutoff valve switches at the fueling station are in the CLOSED position.

SUBTASK 28-21-51-865-001

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

F/O Electrical System Panel, P6-3**Row Col Number Name**

A	3	C00032	FUEL FUELING CONT
A	4	C01441	FUEL FUELING IND
A	5	C00398	FUEL QTY 2
A	6	C00397	FUEL QTY 1

B. Electrical Bonding Measurement**SUBTASK 28-21-51-862-001**

- (1) Disconnect the electrical connector from the fueling shutoff valve (three locations).

SUBTASK 28-21-51-765-001

- (2) Measure the electrical bonding resistance between the fueling shutoff valve bonding jumper lug (at the actuator assembly bonding lug) and the spar with an intrinsically safe approved bonding meter, COM-1550 (three locations) (SWPM 20-20-00, SWPM 20-20-10).

(a) Make sure the bonding resistance is 0.001 ohm (1 milliohm) or less.

C. Put the Airplane Back to Its Usual Condition**SUBTASK 28-21-51-861-001**

- (1) Connect the electrical connector to the fueling shutoff valve (three locations).

SUBTASK 28-21-51-865-002

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

F/O Electrical System Panel, P6-3**Row Col Number Name**

A	3	C00032	FUEL FUELING CONT
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EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF SHUTOFF VALVES ACTUATOR TO STRUCTURE (SFA 88)
		D633A109-AKS 28-207-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-207-00-01
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(Continued)

MECH INSP

F/O Electrical System Panel, P6-3**Row** **Col** **Number** **Name**

A	4	C01441	FUEL FUELING IND
A	5	C00398	FUEL QTY 2
A	6	C00397	FUEL QTY 1

SUBTASK 28-21-51-410-003

- (3) Make sure this access panel is closed:

Number **Name/Location**

621GB Refuel Access Panel - Slat Station 143.27

— END OF TASK —

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF SHUTOFF VALVES ACTUATOR TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-207-00-01

Page 3 of 4
Feb 15/2015

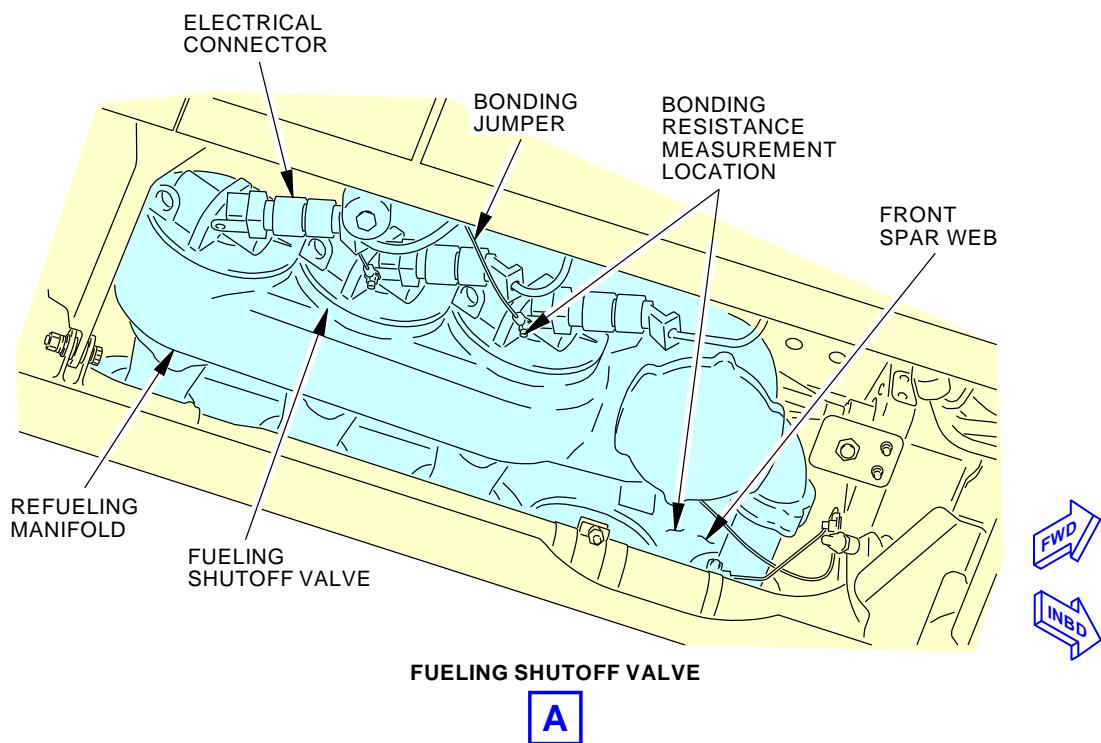
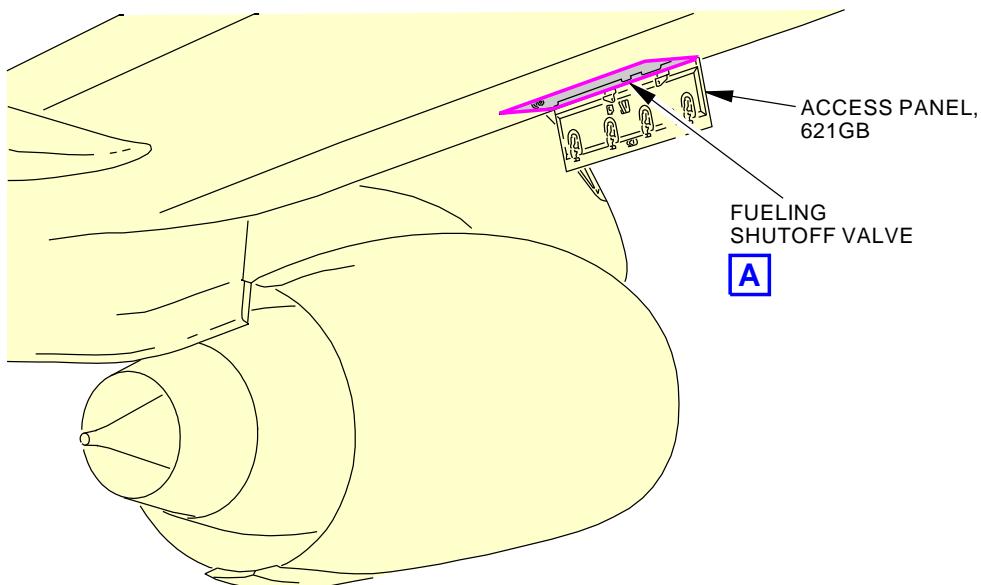
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-207-00-01

1342286 S0000238366_V3

**Fueling Shutoff Valve - Bonding Resistance Measurement
Figure 1**EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF SHUTOFF VALVES ACTUATOR TO
STRUCTURE (SFAR 88)****D633A109-AKS
28-207-00-01****Page 4 of 4
Jun 15/2015**

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

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF THE BONDING OF THE FUELING RECEPTACLE TO STRUCTURE (SFAR 88)			BOEING CARD NO. 28-208-00-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA RIGHT WING	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 621GB			ZONE 621

Functionally check (resistance measurement) the bonding between the fueling receptacle (manifold) and the structure. (SFAR 88)

A. References

Reference	Title
AMM 20-10-51-760-801	Electrical Resistance Specifications in the Fuel Tank Check (P/B 401)
AMM 24-22-00-860-812	Remove Electrical 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-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
STD-195	Container - 1 Quart (1 l), Oil/Fuel Resistant

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF THE FUELING RECEPTACLE TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-208-00-01

 Page 1 of 4
 Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-208-00-01
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► SFAR 88**TASK 28-21-11-200-801****1. Fueling Receptacle - Bonding Resistance Check**

(Figure 1)

A. Prepare for the Procedure

SUBTASK 28-21-11-010-002

- (1) Open this access panel:

Number Name/Location

621GB Refuel Access Panel - Slat Station 143.27

SUBTASK 28-21-11-710-002

- (2) Make sure the manual defueling valve is closed.

SUBTASK 28-21-11-862-001

- (3) If there is electrical power, do this task: Remove Electrical Power, AMM
TASK 24-22-00-860-812.

SUBTASK 28-21-11-616-001

- (4) Drain the remaining fuel from the fueling receptacle.

- (a) Put a 1 quart (1 l) oil/fuel resistant container, STD-195 below the fueling receptacle to catch the fuel.
- (b) Push the poppet valve in the fueling receptacle.
- (c) Let the fuel drain from the fueling receptacle and the refueling manifold.

B. Electrical Bonding Measurement

SUBTASK 28-21-11-765-001

- (1) Measure the electrical bonding resistance between the fueling receptacle (manifold) and the structure with a intrinsically safe approved bonding meter, COM-1550 (AMM
TASK 20-10-51-760-801).
 - (a) Make sure the electrical fay surface bonding resistance is less than 0.0025 ohm (2.5 milliohms).

C. Put the Airplane Back to Its Usual Condition

SUBTASK 28-21-11-410-002

- (1) Close this access panel:

Number Name/Location

621GB Refuel Access Panel - Slat Station 143.27

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF THE FUELING RECEPTACLE TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-208-00-01

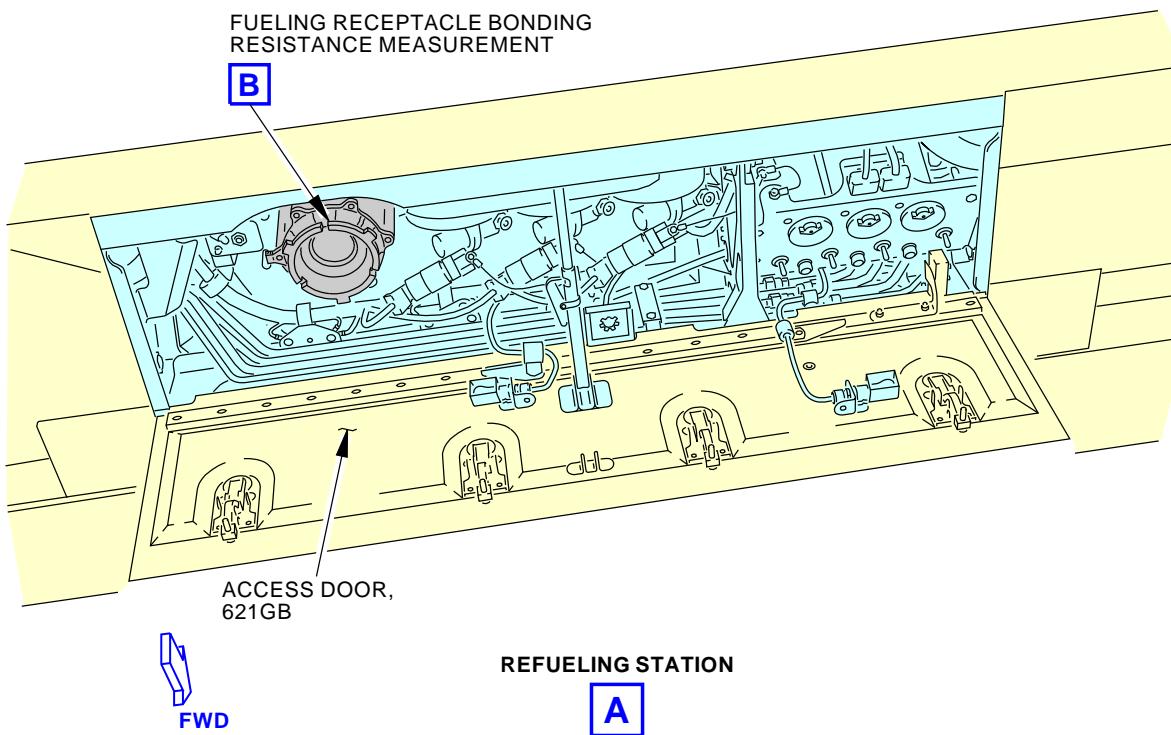
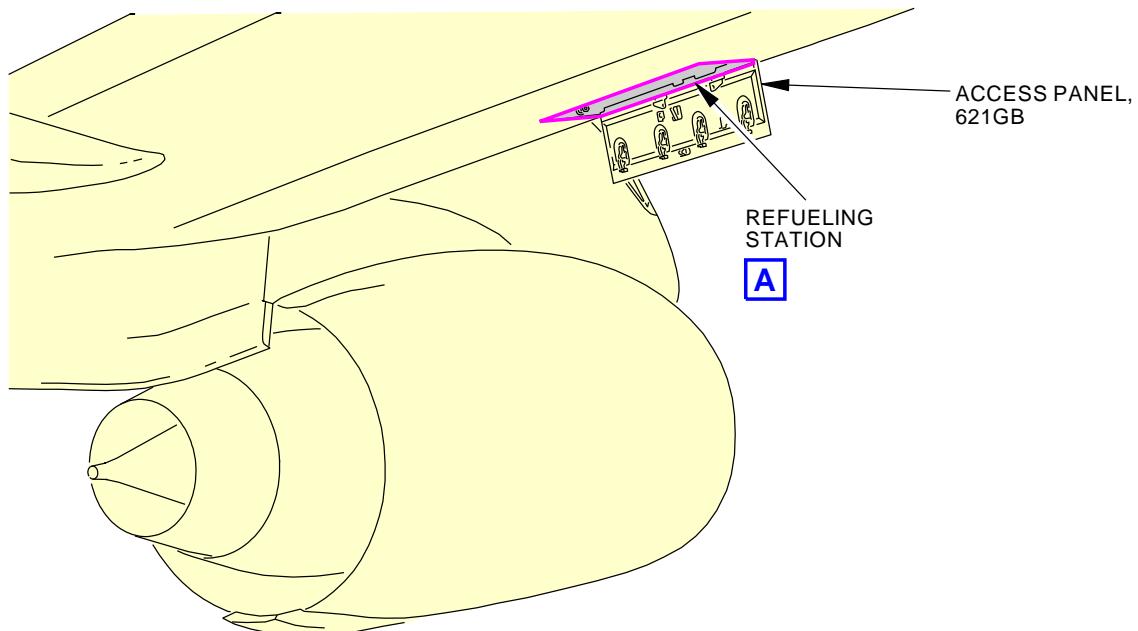
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

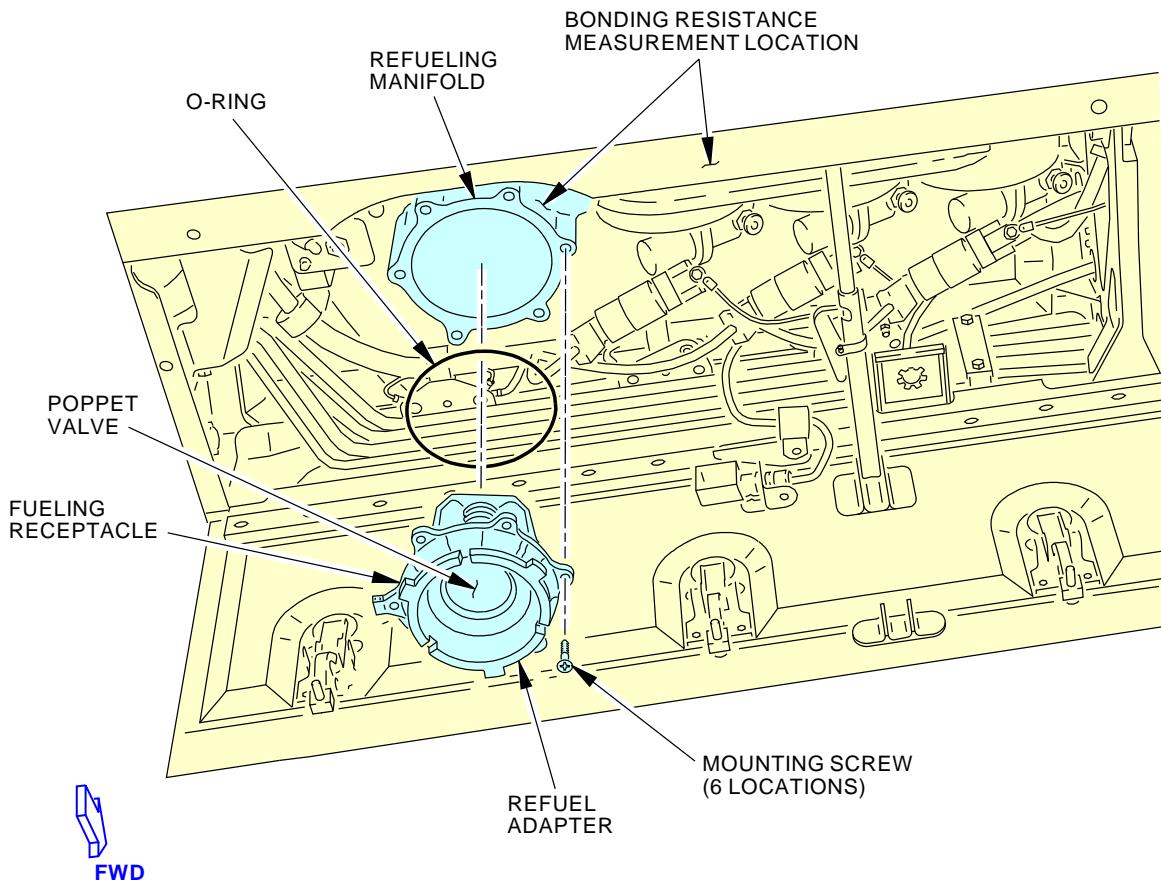
BOEING CARD NO.
28-208-00-01

1341374 S0000238440_V4

**Fueling Receptacle - Bonding Resistance Measurement
Figure 1 (Sheet 1 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF THE BONDING OF THE FUELING
RECEPTACLE TO STRUCTURE (SFAR 88)****D633A109-AKS
28-208-00-01****Page 3 of 4
Jun 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-208-00-01
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**FUELING RECEPTACLE BONDING RESISTANCE MEASUREMENT****B**

1341376 S0000238441_V3

**Fueling Receptacle - Bonding Resistance Measurement
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF THE FUELING RECEPTACLE TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-208-00-01

Page 4 of 4
Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)			BOEING CARD NO.
DATE	TASK FUNCTIONAL				28-211-00-01
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 521BB 621BB			ZONE 132 521 621

Functionally check (resistance measurement) the bonding between the engine spar motor operated valve actuator and adjoining structure. (SFAR 88)

Note: This task is performed from outside of tank.

A. References

Reference	Title
SWPM 20-20-00	Electrical Bonding Processes
SWPM 20-20-10	REPLACEMENT OF GROUND STUDS AND BONDING JUMPER INSTALLATION

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-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

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)
		D633A109-AKS 28-211-00-01

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-211-00-01
SFAR 88				MECH INSP
TASK 28-22-11-200-801				
1. Spar Valve Actuator - Bonding Resistance Check				
(Figure 1)				
A. Prepare for the Procedure				
SUBTASK 28-22-11-865-004				
(1) Open this circuit breaker and install safety tag:				
F/O Electrical System Panel, P6-3				
Row Col Number Name				
B 5 C00540 FUEL SPAR VALVE IND				
SUBTASK 28-22-11-865-005				
(2) For the left spar valve actuator,				
Open this circuit breaker and install safety tag:				
F/O Electrical System Panel, P6-3				
Row Col Number Name				
B 4 C00359 FUEL SPAR VALVE ENG 1				
SUBTASK 28-22-11-865-006				
(3) For the right spar valve actuator,				
Open this circuit breaker and install safety tag:				
F/O Electrical System Panel, P6-3				
Row Col Number Name				
B 3 C00360 FUEL SPAR VALVE ENG 2				
SUBTASK 28-22-11-010-042				
(4) Open the applicable access panel(s):				
Number Name/Location				
521BB Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02				
621BB Engine Fuel Spar Valve Access Panel - Slat Station 36.02				
B. Electrical Bonding Measurement				
SUBTASK 28-22-11-710-009				
(1) Move the manual override lever to the fully CLOSED position.				
SUBTASK 28-22-11-862-004				
(2) Disconnect the electrical connector from the actuator.				
SUBTASK 28-22-11-765-020				
(3) Measure the electrical bonding resistance between the actuator (at the electrical connector flange) and the spar with an intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00, SWPM 20-20-10).				
(a) Make sure the bonding resistance is 0.005 ohm (5.0 milliohms) or less.				
EFFECTIVITY AKS ALL		SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)	
			D633A109-AKS 28-211-00-01	
				Page 2 of 5 Feb 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-211-00-01
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C. Put the Airplane Back to Its Usual Condition

SUBTASK 28-22-11-861-005

- (1) Connect the electrical connector to the actuator.

SUBTASK 28-22-11-410-013

- (2) Close the applicable access panel(s):

Number Name/Location

521BB Engine Fuel Valve Shutoff Access Panel - Slat Station 36.02

621BB Engine Fuel Spar Valve Access Panel - Slat Station 36.02

SUBTASK 28-22-11-865-007

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

F/O Electrical System Panel, P6-3**Row Col Number Name**

B 5 C00540 FUEL SPAR VALVE IND

SUBTASK 28-22-11-865-008

- (4) For the left actuator,

Remove the safety tag and close this circuit breaker:

F/O Electrical System Panel, P6-3**Row Col Number Name**

B 4 C00359 FUEL SPAR VALVE ENG 1

SUBTASK 28-22-11-865-009

- (5) For the right actuator,

Remove the safety tag and close this circuit breaker:

F/O Electrical System Panel, P6-3**Row Col Number Name**

B 3 C00360 FUEL SPAR VALVE ENG 2

———— END OF TASK ————

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)
		D633A109-AKS 28-211-00-01

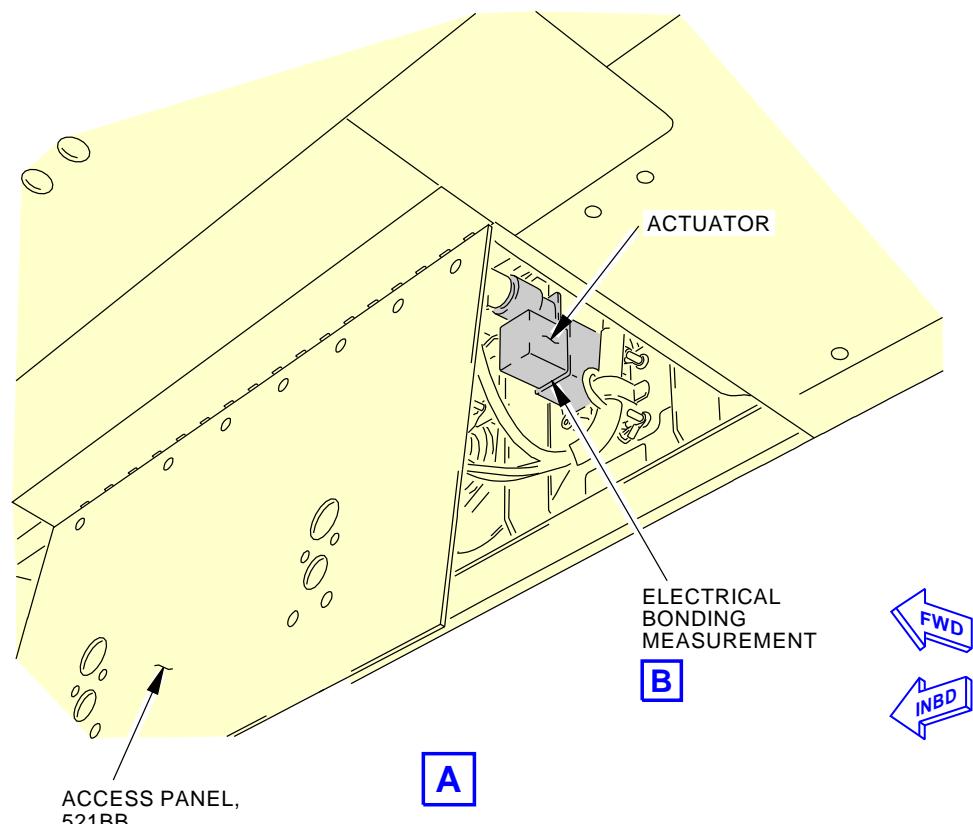
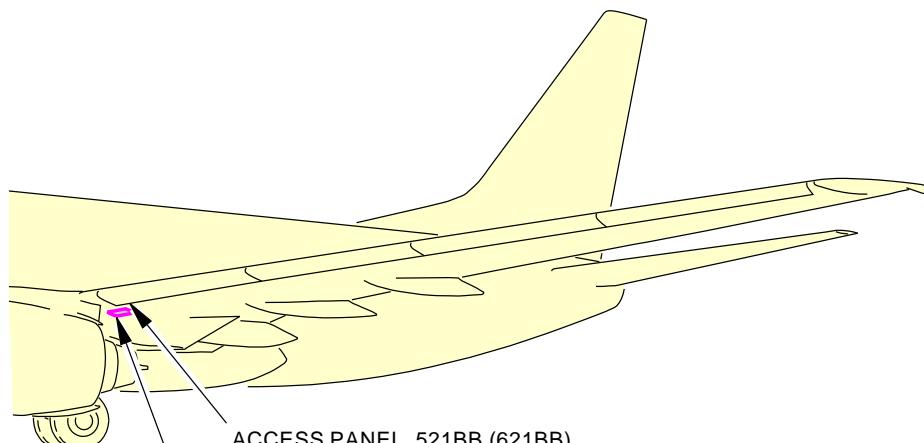
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

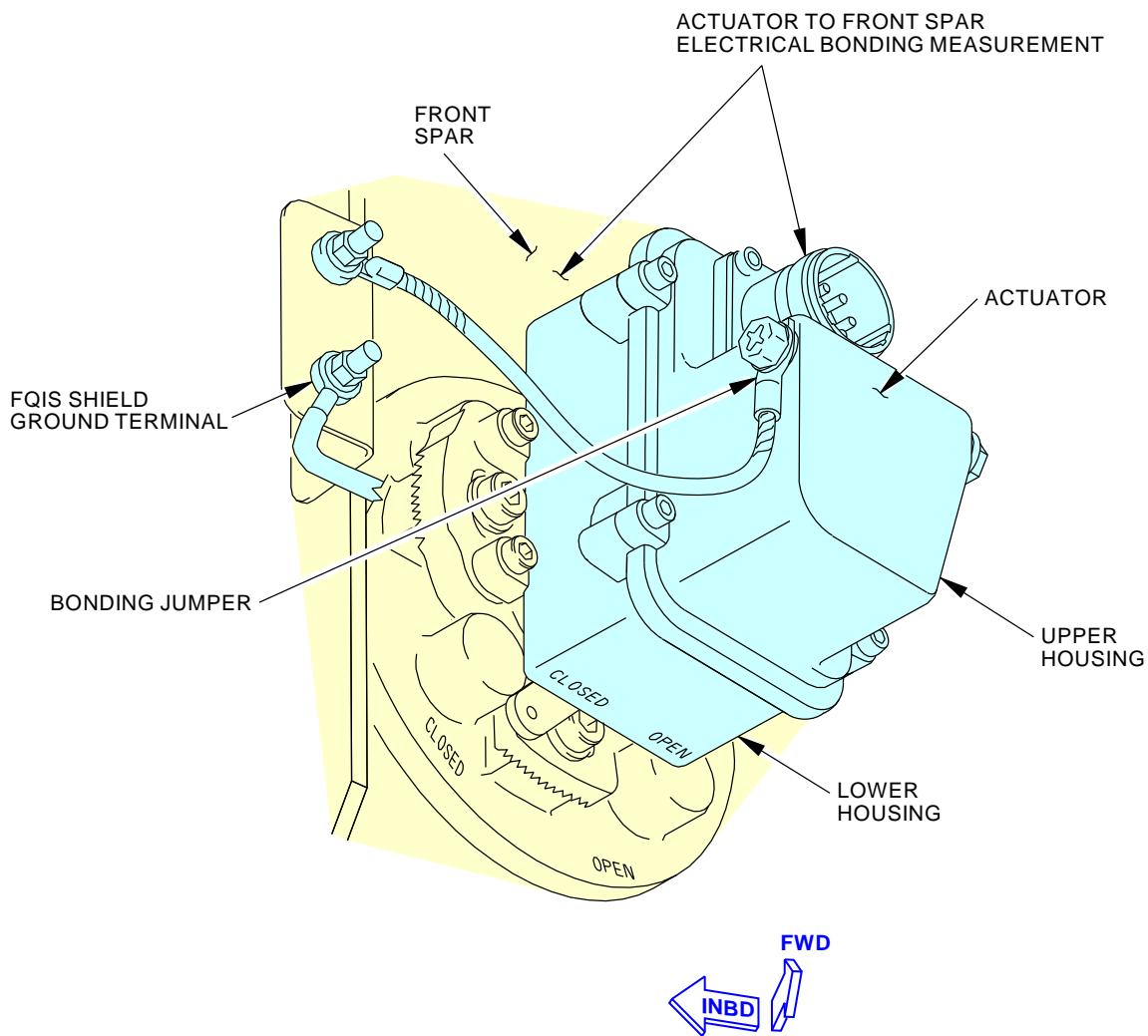
BOEING CARD NO.
28-211-00-01

1341498 S0000238412_V2

**Spar Valve Actuator - Bonding Resistance Check
Figure 1 (Sheet 1 of 2)**EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR
TO THE STRUCTURE (SFAR 88)****D633A109-AKS
28-211-00-01****Page 4 of 5
Jun 15/2015**

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-211-00-01
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**ELECTRICAL BONDING MEASUREMENT****B**

1341541 S0000238413_V2

**Spar Valve Actuator - Bonding Resistance Check
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)
		D633A109-AKS 28-211-00-01

Page 5 of 5
Jun 15/2015

AKS

737-600/700/800/900

TASK CARDS

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)			BOEING CARD NO. 28-211-00-02
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA WINGS	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 521BB 621BB			ZONE 132 521 621

Functionally check (resistance measurement) the bonding between the fuel crossfeed motor operated valve actuator and adjoining structure. (SFAR 88)

Note: This task is performed from outside of tank.

A. References

Reference	Title
AMM 32-00-01-080-801	Landing Gear Downlock Pins Removal (P/B 201)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)
SWPM 20-20-00	Electrical Bonding Processes
SWPM 20-20-10	REPLACEMENT OF GROUND STUDS AND BONDING JUMPER INSTALLATION

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-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

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)
		D633A109-AKS 28-211-00-02

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-211-00-02
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► SFAR 88**TASK 28-22-21-200-801****1. Engine Fuel Crossfeed Valve Actuator - Bonding Resistance Check**

(Figure 1)

A. Prepare for the Procedure

SUBTASK 28-22-21-490-005

WARNING: MAKE SURE YOU INSTALL THE GROUND LOCK ASSEMBLIES IN ALL LANDING GEAR. ACCIDENTAL RETRACTION OF THE LANDING GEAR CAN CAUSE INJURY TO PERSONS AND DAMAGE TO EQUIPMENT.

- (1) Do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.

SUBTASK 28-22-21-865-001

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

F/O Electrical System Panel, P6-3**Row Col Number Name**

B 7 C00361 FUEL CROSS FEED VALVE

SUBTASK 28-22-21-560-001

- (3) Go to the crossfeed valve location on the rear spar in the main landing gear wheel well (right side).

B. Electrical Bonding Measurement

SUBTASK 28-22-21-710-009

- (1) Move the manual override lever to the fully CLOSED position.

SUBTASK 28-22-21-862-003

- (2) Disconnect the electrical connector from the actuator.

SUBTASK 28-22-21-765-016

- (3) Measure the electrical bonding resistance between the crossfeed valve actuator (at the connector flange) and the spar with a intrinsically safe approved bonding meter, COM-1550 (SWPM 20-20-00, SWPM 20-20-10) (View B).
 - (a) Make sure the bonding resistance is 0.005 ohm (5.0 milliohms) or less.

C. Put the Airplane Back to Its Usual Condition

SUBTASK 28-22-21-861-003

- (1) Connect the electrical connector to the actuator.

SUBTASK 28-22-21-865-002

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

F/O Electrical System Panel, P6-3**Row Col Number Name**

B 7 C00361 FUEL CROSS FEED VALVE

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)
		D633A109-AKS 28-211-00-02

Page 2 of 5
Feb 15/2015

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-211-00-02
SUBTASK 28-22-21-090-004				MECH INSP
<u>WARNING:</u> OBEY THE PROCEDURE FOR THE REMOVAL OF THE DOWNLOCK PINS. IF YOU MOVE THE CONTROL LEVER FOR THE LANDING GEAR TO THE UP POSITION, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONNEL, AND DAMAGE TO EQUIPMENT.				
(3) Remove the ground locks installed on the landing gear if they are not needed for other tasks (AMM TASK 32-00-01-080-801).				
— END OF TASK —				

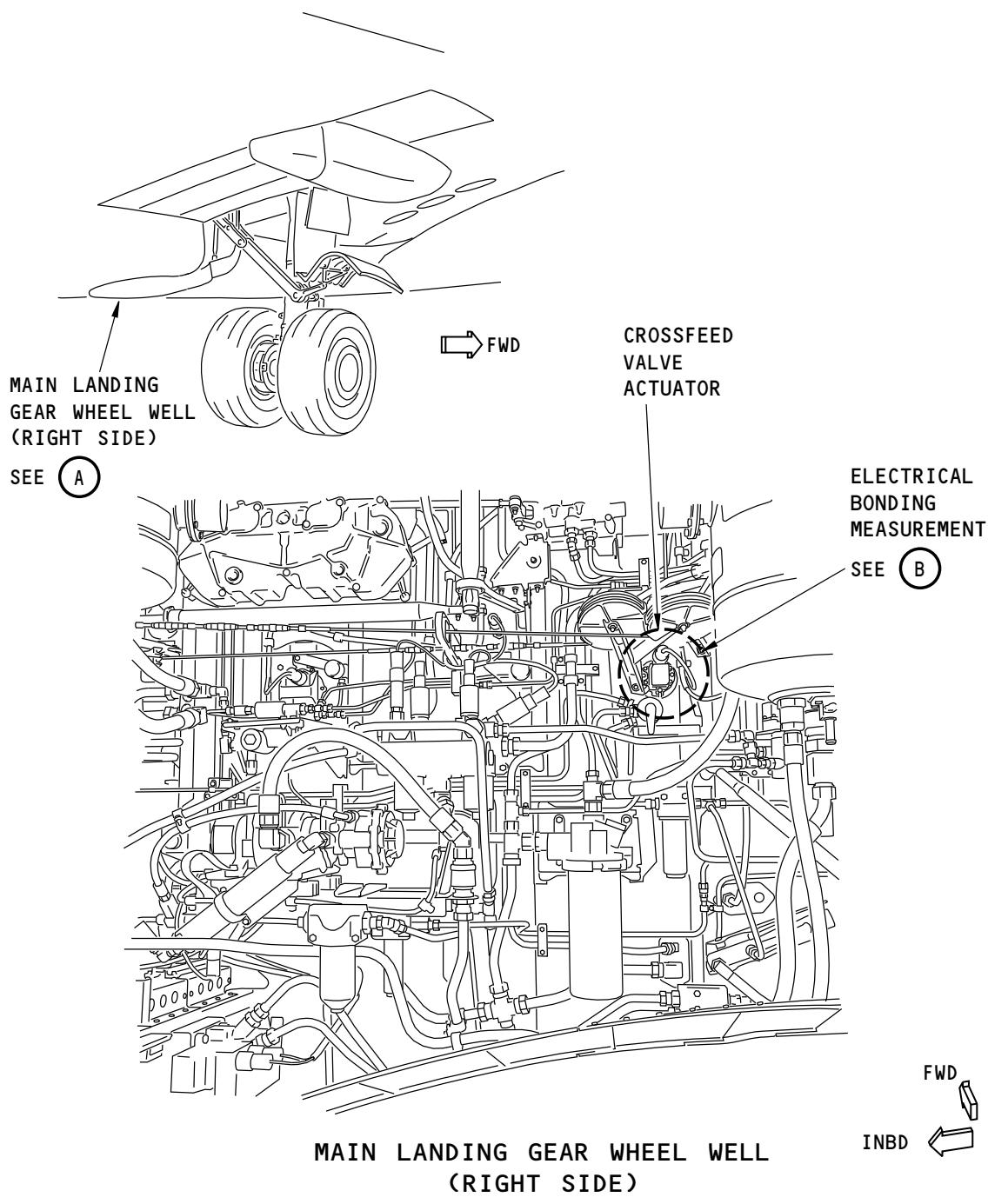
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-211-00-02

Engine Fuel Crossfeed Valve Actuator - Bonding Resistance Check
Figure 1 (Sheet 1 of 2)

1341229 S0000238399_V1

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR TO THE STRUCTURE (SFAR 88)
		D633A109-AKS 28-211-00-02

Page 4 of 5
Oct 15/2014

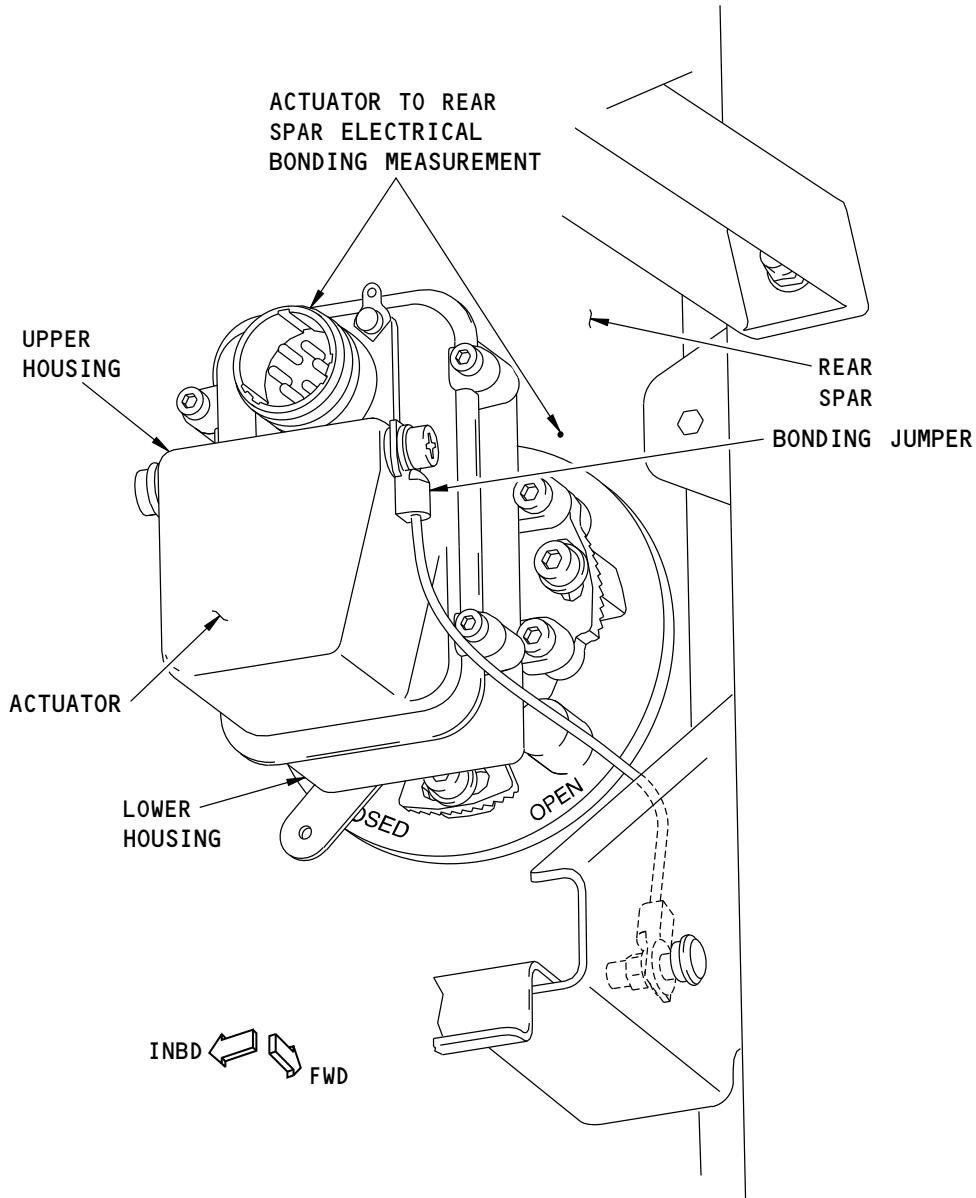
AKS**BOEING****737-600/700/800/900****TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-211-00-02**ELECTRICAL BONDING MEASUREMENT****B**

1341290 S0000238400_V1

Engine Fuel Crossfeed Valve Actuator - Bonding Resistance Check
Figure 1 (Sheet 2 of 2)EFFECTIVITY
AKS ALLSOURCE
MRB**FUNCTIONAL CHECK OF THE BONDING OF MOV ACTUATOR
TO THE STRUCTURE (SFAR 88)****D633A109-AKS
28-211-00-02****Page 5 of 5
Oct 15/2014**

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

AIRLINE CARD NO		TITLE FUNCTIONAL CHECK OF THE BONDING OF APU SHUTOFF VALVE TO STRUCTURE (SFAR 88)			BOEING CARD NO. 28-213-00-01	
DATE	TASK FUNCTIONAL				RELATED CARD	
TAIL NUMBER	WORK AREA WHEELWELL	VERSION 1.1	THRESHOLD 12 YR	REPEAT 12 YR	APPLICABILITY	
STATION	SKILL AIRPL				AIRPLANE ALL	ENGINE ALL
		ACCESS			ZONE 133	

Functionally check (resistance measurement) the bonding resistance between the APU shutoff valve actuator and adjoining structure. (SFAR 88)

A. References

Reference	Title
AMM 32-00-01-080-801	Landing Gear Downlock Pins Removal (P/B 201)
AMM 32-00-01-480-801	Landing Gear Downlock Pins Installation (P/B 201)
SWPM 20-20-00	Electrical Bonding Processes
SWPM 20-20-10	REPLACEMENT OF GROUND STUDS AND BONDING JUMPER INSTALLATION

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-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

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF APU SHUTOFF VALVE TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-213-00-01

 Page 1 of 5
 Feb 15/2016

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-213-00-01
				MECH INSP
► SFAR 88				
TASK 28-25-02-200-801				
1. APU Fueling Shutoff Valve Actuator - Bonding Resistance Check (Figure 1)				
A. Prepare for the Procedure				
SUBTASK 28-25-02-865-001				
(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				
F/O Electrical System Panel, P6-4				
Row Col Number Name				
A 14 C00033 AUX POWER UNIT CONT				
SUBTASK 28-25-02-490-001				
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.				
(2) Do this task: Landing Gear Downlock Pins Installation, AMM TASK 32-00-01-480-801.				
B. Electrical Bonding Measurement				
SUBTASK 28-25-02-765-001				
(1) Measure the electrical bonding resistance between the APU fueling shutoff valve actuator (at the jumper bonding lug) and the spar (SWPM 20-20-00 and SWPM 20-20-10).				
(a) Use an intrinsically safe approved bonding meter, COM-1550.				
(b) Make sure the resistance is 0.010 ohm (10 milliohms) or less.				
C. Put the Airplane Back to Its Usual Condition				
SUBTASK 28-25-02-865-002				
(1) Remove the safety tags and close these circuit breakers:				
F/O Electrical System Panel, P6-2				
Row Col Number Name				
B 19 C01344 APU FIRE SW POWER				
F/O Electrical System Panel, P6-4				
Row Col Number Name				
A 14 C00033 AUX POWER UNIT CONT				

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF APU SHUTOFF VALVE TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-213-00-01

AKS



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 28-213-00-01
SUBTASK 28-25-02-090-001				MECH INSP
<u>WARNING:</u> OBEY THE PROCEDURE FOR THE REMOVAL OF THE DOWNLOCK PINS. IF YOU MOVE THE CONTROL LEVER FOR THE LANDING GEAR TO THE UP POSITION, THE LANDING GEAR CAN RETRACT. THIS CAN CAUSE INJURIES TO PERSONNEL, AND DAMAGE TO EQUIPMENT.				
(2) If the downlock pins are no longer necessary, do this task: Landing Gear Downlock Pins Removal, AMM TASK 32-00-01-080-801.				
— END OF TASK —				

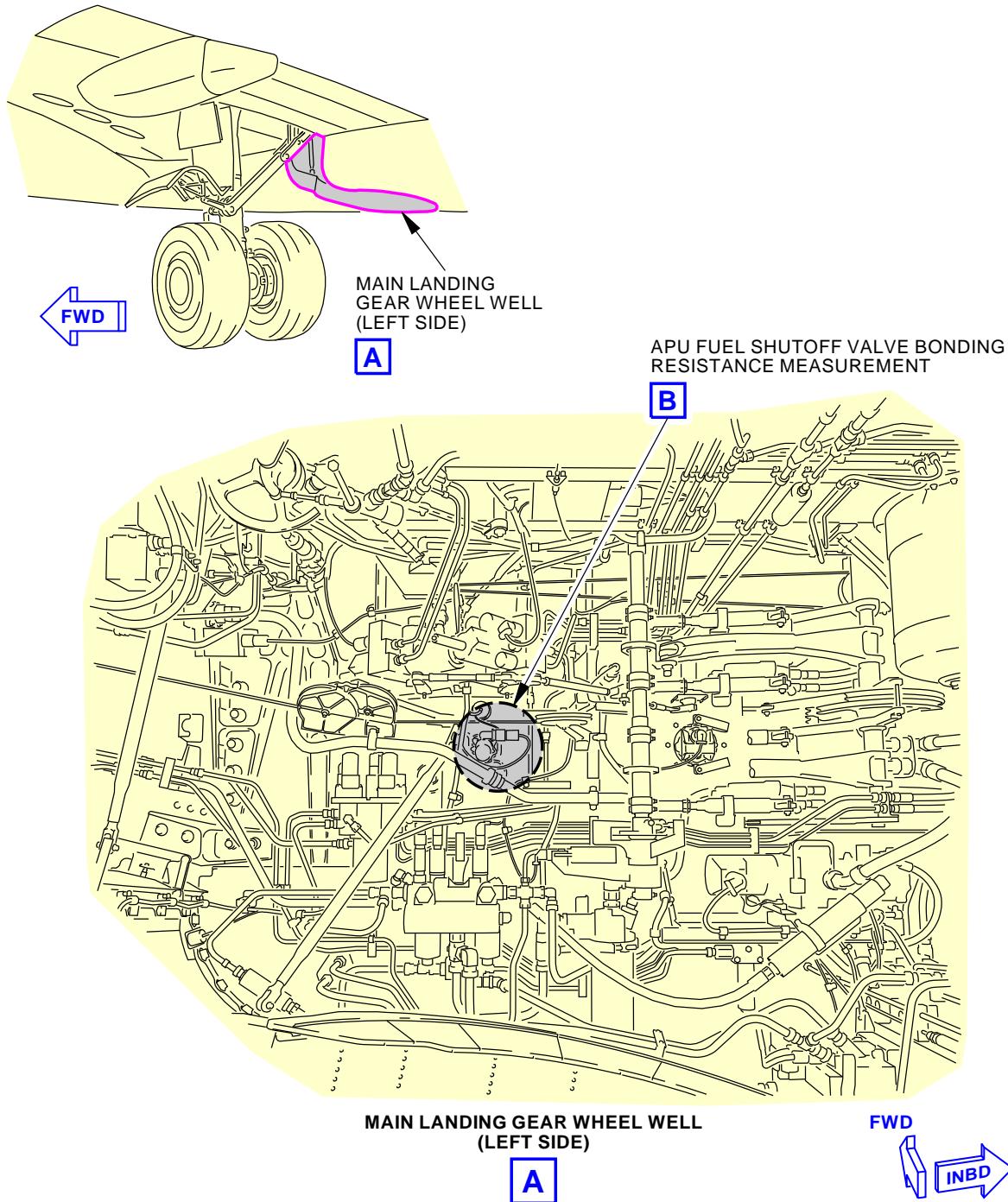
AKS**BOEING****737-600/700/800/900
TASK CARDS**

DATE

TAIL NUMBER

STATION

AIRLINE CARD NO.

BOEING CARD NO.
28-213-00-01

APU Fueling Shutoff Valve Actuator - Bonding Resistance Check
Figure 1 (Sheet 1 of 2)

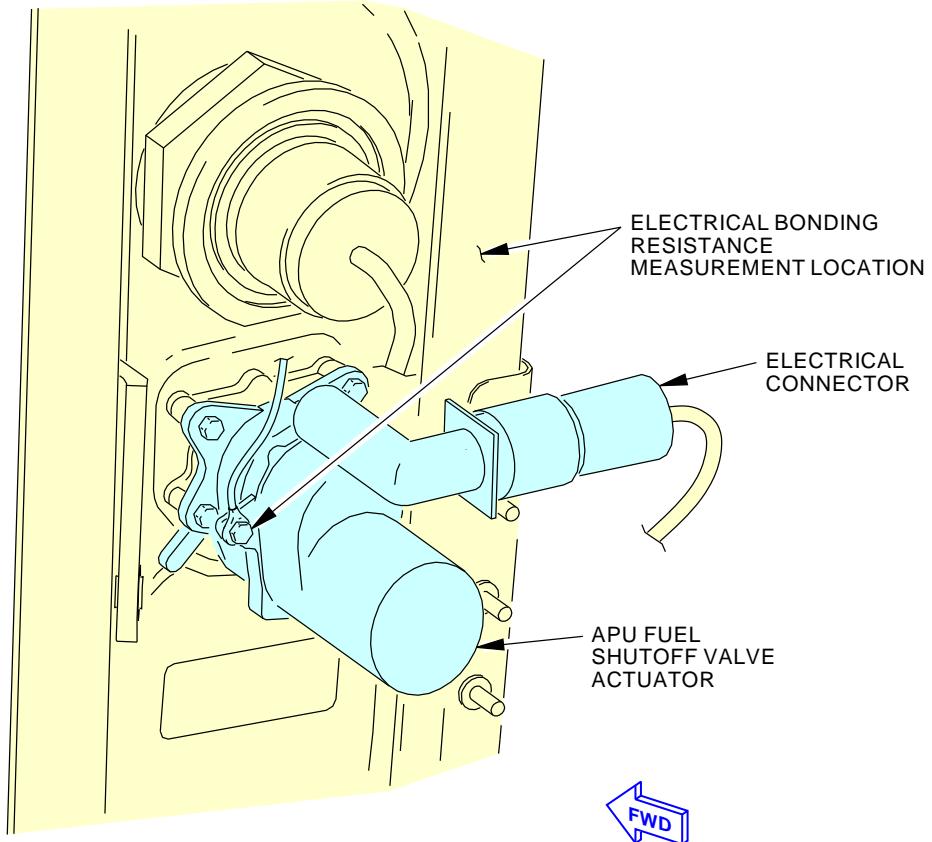
1341447 S0000238437_V2

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF APU SHUTOFF VALVE TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-213-00-01

Page 4 of 5
Jun 15/2015

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

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				28-213-00-01



APU Fueling Shutoff Valve Actuator - Bonding Resistance Check
Figure 1 (Sheet 2 of 2)

1341558 S0000238438_V3

EFFECTIVITY AKS ALL	SOURCE MRB	FUNCTIONAL CHECK OF THE BONDING OF APU SHUTOFF VALVE TO STRUCTURE (SFAR 88)
		D633A109-AKS 28-213-00-01

Page 5 of 5
Jun 15/2015