

ATA AIRLINES, INC.

INTERNAL-AFT CARGO DOOR CUTOUT

PAGE 1 / 2

CHECK BEING PERFORMED: Custom

ZONES: 142

W/C NUMBER: 312I5304

DATE:

A/C NUMBER:

REV. DATE: 08/13/07

FREQUENCY: PCI

REFERENCES

Figures 1 and 2, AMM 25-52-06, 25-80-00, 52-31-00

MECH INSP

MRB ITEM: 53-240-00

INTERNAL INSPECTION OF THE AFT CARGO DOOR CUTOUT

1. ACCESS THE AFT CARGO DOOR CUTOUT

- _____ XXXXX A. Open the Aft Cargo Door, reference AMM Task 52-31-00-580-801.
- _____ B. Remove door reveals and sidewalls as required to perform the inspection, reference AMM task 25-52-06-000-801. Record items removed/displaced below.

- _____ C. Remove/displace insulaton blankets as required to perform the inspection, reference AMM task 25-80-00-000-801.
- _____ D. Clean the area as necessary, per Item 2 of CPCP Basic Task (Ref. Fig. 2), to accomplish the inspection.

2. INSPECT AFT CARGO DOOR CUTOUT SURROUND STRUCTURE

NOTE: Perform inspections per Item 3 of CPCP Basic Task (Ref. Fig. 2)

- XXXXX _____ A. Perform a detailed visual inspection of the aft cargo door cutout surround structure (Ref. Fig. 1), per item 3 of CPCP Basic Task (Ref. Fig. 2). Use additional non-destructive inspections or visual inspections if there are indications of hidden corrosion, such as bulging skins, or corrosion running into splices, or under fittings, etc.
- XXXXX _____ B. For cracks, permanent deformation, or corrosion to primary structure (Ref. SRM Chapter 51); initiate a

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 312I5304 (continued)

MECH: INSP:

Service Difficulty Report (SDR) (Ref GMM, Chapters 4, 12 and 16) and record the associated non routine numbers below.

Four sets of horizontal lines for recording SDR numbers.

3. RETURN THE AIRCRAFT TO IT'S USUAL CONDITION

A. Apply anti-corrosion inhibiting compound (CIC), as necessary per Item 6 of CPCP Basic Task (Ref. Fig.2)

B. Insulation blankets.

XXXXX (1) Okay to close.

XXXXX (2) Install/replace insulation blankets removed/displaced in step 1.C, reference AMM task 25-80-00-400-801.

(a) Dry wet insulation blankets prior to reinstalling, or replace with new, as applicable.

XXXXX (3) Inspect installation.

C. Door Reveals and Sidewalls.

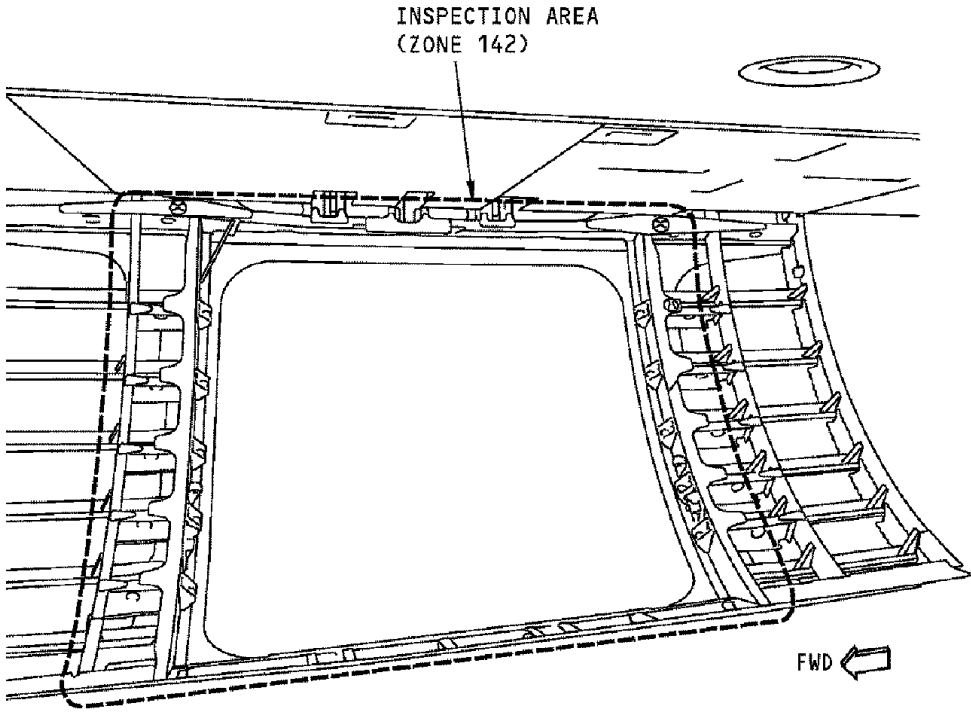
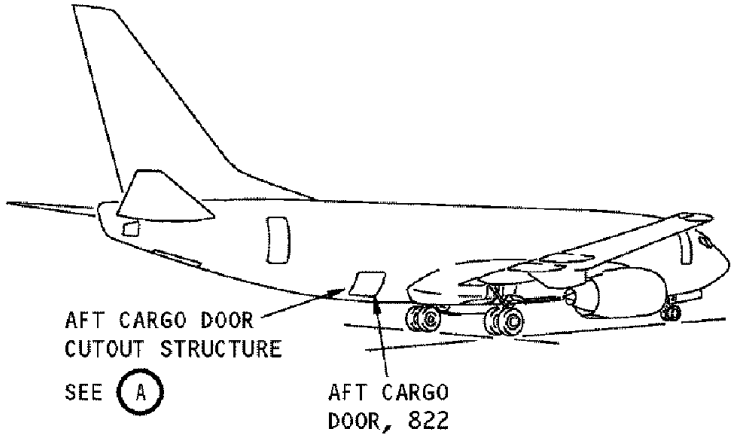
XXXXX (1) Okay to close.

XXXXX (2) Install door reveals and sidewalls removed in step 1.B, reference AMM task 25-52-06-400-801.

XXXXX (3) Inspect installation.

XXXXX D. Close the Aft Cargo Door, reference AMM Task 52-31-00-580-802.

***** END OF WORKCARD *****



AFT CARGO DOOR CUTOUT STRUCTURE
(DOOR REVEALS AND SIDEWALL PANELS REMOVED)

(A)

Aft Cargo Door Cutout Detailed (Internal)

Figure 1

**INTERNAL - AFT
CARGO DOOR CUTOUT**

08/13/2007

2. 737-678 Basic Task Description

A. CPCP Basic Task

SUBTASK 51-05-01-210-029

(1) Do the CPCP Basic Task Item 1 as follows:

- (a) Remove all systems, equipment and interior furnishings, etc. (e.g. toilets, galleys, linings, installation) as necessary to accomplish CPCP Basic Task Item 3. It is not necessary to remove bushings unless specified in the Task Description, or if there is an indication of corrosion, or that the bushing has migrated.

SUBTASK 51-05-01-210-030

(2) Do the CPCP Basic Task Item 2 as follows:

- (a) Prior to inspection clean the area as required to accomplish CPCP Basic Task Item 3. It is not necessary to remove normal amounts of sealant/leveling compound unless it has deteriorated to the point where moisture can penetrate down to the metal. A light uniform film of Corrosion Inhibiting Compound (CIC) that has not accumulated dirt or debris, will normally allow adequate inspection of the structure without removal. CIC may require removal if there are multiple layers and/or accumulations of dirt or debris.

SUBTASK 51-05-01-210-031

(3) Do the CPCP Basic Task Item 3 as follows:

- (a) Visually inspect all structure listed in the task description. The inspection method is as specified in each task description. Use Additional non-destructive inspections or visual inspections following partial disassembly if there are indications of hidden corrosion, such as bulging skins or corrosion running into splices, or under fittings, etc. In the task area, check the integrity of any sealant/leveling compound to determine if removal is required, and any corrosion inhibiting compound, particularly at faying surfaces, to determine if additional application is required per CPCP Basic Task Item 6.

SUBTASK 51-05-01-210-032

(4) Do the CPCP Basic Task item 4 as follows:

- (a) Remove all corrosion, evaluate damage and repair or replace all discrepant structure as required, including application of protective finishes per Boeing Corrosion Prevention Manual (CPM) D6-82560 Section 20-50-00, or 737 Structural Repair Manual (SRM) D634A200, (-600), D634A201 (-700), D634A210 (-800), D634A211(-900), D634A333 (BBJ), or related service bulletin, as appropriate. Surface oxidation of ferrous metal fasteners may be handled by normal or existing maintenance practices.

SUBTASK 51-05-01-210-033

(5) CPCP Basic Task Item 5 is not applicable.

SUBTASK 51-05-01-210-034

(6) Do the CPCP Basic Task item 6 as follows:

- (a) Apply suitable approved water displacing / anti-corrosion compound as necessary.

Figure 2 (Sheet 1 of 2)

CPCP Basic Task Cont'd

- 1) The minimum requirement for all areas (except as noted in CPCP Basic Task 6 (1) (a) 3)) is single coat of water displacing / anti-corrosion compound that penetrates faying surfaces and displaces moisture, e.g. a single coat of BMS 3-29 or BMS 3-23, where the initial or previous coat has been disturbed or removed.
- 2) Not applicable
- 3) List of areas / items where water displacing/anti-corrosion compounds should not be applied:

Water displacing / anti-corrosion compounds should not be applied in the following areas:

- Cables, pulleys, wiring, plastics, elastomers, oxygen systems.
- Lubricated or Teflon surfaces (E.g. greased joints, sealed bearings).
- Over Cosmoline 1058 (or Equivalent per MIL-C-16173 Grade 1).
- Adjacent to tears / holes in insulation blankets (water repelling characteristics are diminished).
- Areas with electrical arc potential.
- Interior materials, including cargo liners (change of flammability properties).
- Fiber-glass ducts where temperature exceeds 220 degrees F.
- Selected areas noted in baseline program.

SUBTASK 51-05-01-210-035

(7) CPCP Basic Task Item 7 is not applicable.

————— **END OF TASK** —————

Figure 2 (Sheet 2 of 2)

**INTERNAL - AFT
CARGO DOOR CUTOUT**

08/13/2007