

ZONES: 221 222
 A/C NUMBER:
 REV. DATE: 11/15/07
 FREQUENCY: 4C

W/C NUMBER: 320I5202 DATE:

MECH INSP

MPD ITEMS: 52-450-00, 52-470-00, 52-490-00

1. Prepare for the Inspection.

_____ XXXXX A. Disassemble door at all threaded mechanical fasteners.

NOTE: Bonded structure should remain in place.

(1) Remove armor from door frame.

_____ XXXXX B. Displace the following interior furnishings (if equipped)
 adjacent to door frame:

(1) Closets.

(2) Lavs.

(3) Galleys.

_____ XXXXX C. Remove ceiling panels above door.

XXXXXX _____ 2. Perform an Internal Detailed Inspection of Flight Deck Security
 Door Assembly and Surround Assembly to include the following
 components per Item 3 of the CPCP Basic Task (Ref. Fig. 1):

A. Main Door Panel Assy.

B. Main Door Panel Bond Assy.

C. Armor Laminate Assy.

D. Header Assembly.

E. Post Assembly (right hand post).

F. Latch and Deadbolt Receiver Assembly.

G. Support Structure.

H. Post Cover Armor Assembly.

I. Hinge Support Assembly.

J. Flight Deck Door Latch

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 320I5202 (continued)

MECH: INSP:

K. For cracks, permanent deformation, or corrosion to primary structure (Ref. SRM Chapter 51); initiate a 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 information.

3. Return the Aircraft to the condition before the inspections.

_____ XXXXX A. Reinstall ceiling panels above door.

B. Reinstall the following interior furnishings adjacent to door frame (if displaced).

NOTE: N/A if not displaced.

_____ XXXXX (1) Closets.

_____ XXXXX (2) Lavs.

_____ XXXXX (3) Galleys.

_____ XXXXX C. Reassemble door at all threaded mechanical fasteners.

(1) Reinstall armor to door frame.

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

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.

CPCP Basic Task
Figure 1 (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** -----

CPCP Basic Task
Figure 1 (Sheet 2 of 2)