

FLIGHT COMPARTMENT - INSPECTION/CHECK

1. General

- A. This section has the inspections and checks necessary to keep the flight compartment equipment and furnishings in a serviceable condition.

TASK 25-10-00-210

2. Smoke Goggle General Visual Inspection

- A. General
 - (1) This task gives the information needed to complete the general visual inspection of the smoke goggles (if installed).
- B. Tools and Equipment
 - (1) None
- C. Access
 - (1) None
- D. Complete a General Visual Inspection of the Smoke Goggle.
 - (1) Get access to the smoke goggle .
 - (2) Examine the smoke goggle for scratches or cracks.
 - (3) Make sure the smoke goggle is clean.
 - (4) Install the smoke goggle in its correct location.
- E. Restore Access
 - (1) None

END OF TASK

TASK 25-10-00-220

3. Crew Seats Detailed Inspection

- A. General
 - (1) This task gives the procedures to do a detailed inspection of the crew seats.
- B. Special Tools
 - (1) None
- C. Access
 - (1) None
- D. Do a Detailed Inspection of the Crew Seats.
 - (1) Remove the crew seats from airplane. Refer to Flight Compartment - Maintenance Practices.
 - (2) Examine the crew seat assembly for rips, tears, cleanliness, security of attached components, and other signs or damage.
 - (3) Examine the crew seat headrest and armrest assemblies (if equipped) for security and correct movement.
 - (4) Examine the seat belts, shoulder straps, restraint straps, and retainers for security of installation, rips, cuts, tears, frayed edges, cleanliness, and general condition.
 - (a) Replace frayed and/or cut belts.
 - (5) Examine all belts for legibility of the certification label.
 - (6) Examine the belt length adjustments for correct operation.
 - (7) Examine all belt attach points for security and damage.
 - (8) Examine the buckle assemblies for signs of wear, cleanliness, security, and general condition.
 - (9) Examine the belt latching mechanism for correct operation.
 - (10) Examine seat belt inertia reels for security and general condition.
 - (11) Examine the inertia reel for freedom and smoothness of operation by slowly pulling out on the shoulder harness belt.
 - (a) Make sure that the shoulder harness belt retracts onto the inertia reel when it is released.
 - (12) Pull the shoulder harness belt out quickly from the inertia reel and make sure that the inertia reel locks.

(a) Make sure that the locking mechanism releases when the shoulder harness is relaxed.

(13) Turn the seat over and examine the rollers, pins, adjustment levers, guides, and other components for security of installation, cleanliness, corrosion, wear, interference, or other damage.

(14) Examine the seat adjustment levers and jackscrews for freedom and smoothness of operation.

(15) Examine the seat release mechanism for freedom and smoothness of operation.

(16) Examine the seat rollers for flat spots.

(17) Examine the springs that keep the lock pins in position in the seat track holes for security and general condition.

(18) Examine seat frame and structure for evidence of damage or corrosion.

(19) Examine seat back stop bolts for loose or missing nuts.

(20) Examine the crew seat rails and seat rail holes for cleanliness, cracks, corrosion, loose or failed fasteners, or other damage.

(21) Install crew seats. Refer to Flight Compartment - Maintenance Practices.

E. Restore Access

(1) None

END OF TASK

TASK 25-10-00-710

4. Inertia Reel Operational Check

A. General

(1) This task gives the information needed to complete the operational check of the inertia reel.

B. Special Tools

(1) None

C. Access

(1) None

D. Do the Inertia Reel Operational Check.

(1) Examine the inertia reel locking mechanism.

(a) Pull the shoulder harness belt slowly to make sure that the belt extends smoothly.

(b) Make sure that the shoulder harness belt correctly retracts on the inertia reel when the belt is released.

(c) Pull the shoulder harness belt out rapidly from inertia reel and make sure that the inertia reel locks.

(d) Release tension on the belt and make sure that the locking mechanism releases the shoulder harness belt.

E. Restore Access

(1) None

END OF TASK