

2-209. Installation — Mooring Fittings. a. Position mooring fitting on jack fitting.

b. Install bolt and washers.

2-210. MAP AND DATA CASE.

2-211. Description — Map and Data Case. A case with a hinged, lock-down cover is installed on aft end of lower pedestal between crew seats.

2-212. Inspection — Map and Data Case. Inspect hinges, screws, and mounting brackets for security.

2-213. Removal — Map and Data Case. Remove four screws attaching case to mounting brackets.

2-214. Repair or Replacement — Map and Data Case. Replace hinges or case if broken.

2-215. Installation — Map and Data Case. Position case on brackets and install four screws.

2-216. STANDARD CREW SEAT.

NOTE

Other than location and mounting configuration, the mission operator seat for the EH-1X (paragraph 2-252.-6) is identical to the crew seat.

2-217. Description — Standard Crew Seat. Seats are adjustable, nonreclining type, mounted on tracks fixed to cabin floor (figure 2-44).

2-218. Removal — Standard Crew Seat. a. Remove stopbolts or quick-release pin and stop assembly on outboard track only at aft ends of seat tracks.

b. Remove hardware securing stops and remove stops from aft end of track, if applicable.

c. Lift handle, located on left side of seat, to release position pin. Slide seat aft off tracks.

2-219. Disassembly — Standard Crew Seat (Figure 2-44). a. Remove seat bottom and seat back cover assemblies (paragraph 2-227).

b. Remove shoulder harness, inertia reel, inertia reel manual control, and seat belts from seat assembly (paragraphs 2-234 and 2-243).

c. Remove hardware attaching seat to carriage assembly (3), and separate seat from carriage.

d. Remove hardware attaching actuator adjustment handle assembly to carriage assembly (3).

e. Remove hardware attaching actuator handle (1). Remove actuator handle.

2-220. Inspection — Standard Crew Seat (Figure 2-44). a. Forward (2) and aft (4) may be inspected by fluorescent penetrant method (TM 1-1500-204-23 Series). If crack is suspected, refer to TM 1-1520-256-23, Technical Manual Aviation Unit Maintenance (AVUM) and Aviation Intermediate Maintenance (AVIM) Manual Nondestructive Inspection Procedures for UH-1 helicopter series. Seat frames G182-01141-1 and AL1040-60-00 may be tested for cracks by applying a standard leak detecting soap solution to the exterior of the frame, and then applying 15 to 20 PSI of air pressure to the interior of the frame. The air pressure fitting is to be installed in a hole in the cap on the upper end of one of the vertical tubular members of the frame.

b. Visually inspect vertical adjustment handle assembly for distortion and wear.

c. Visually inspect actuator handle (1) for damage.

d. Check carriage assembly (3) for damage and operation.

e. Fittings (5) may be inspected by fluorescent penetrant method (TM 1-1500-204-23 Series). If crack in the fittings is suspected, refer to TM 1-1520-256-23, Technical Manual Aviation Unit Maintenance (AVUM) and Aviation Intermediate Maintenance (AVIM) Manual Nondestructive Inspection Procedures for UH-1 helicopter series.

f. Inspect seat bottom and seat back cover assemblies for damage and serviceability.

g. Inspect tubes for cracks, distortion, and serviceability. If crack in the tubes is suspected, refer to TM 1-1520-256-23, Technical Manual Aviation Unit Maintenance (AVUM) and Aviation Intermediate Maintenance (AVIM) Manual Nondestructive Inspection Procedures for UH-1 helicopter series.

h. Inspect tracks. Seats are adjusted by means of an eccentric bolt. Wear deemed beyond limits would be if eccentric bolt has turned to the highest point in cam rotation and seat still exhibits a vertical play in excess of 0.025 inch (measured between roller and channel).

2-221. Repair or Replacement — Standard Crew Seat (Figure 2-44). a. Replace seat attachment fittings (2 and 4) if unserviceable.

b. Replace actuator handle (1) if unserviceable.

c. Replace entire unit of carriage assembly (3) if damaged or operation is not satisfactory.

d. Replace fittings (5) that fail to meet inspection requirements.

e. Replace vertical adjustment handle assembly if worn or damaged.

f. Replace seat bottom or seat back if damaged or unserviceable.

g. To prevent the two upper corners of seat back covers (NSN 1680-00-453-5678) from damage due to rubbing seat back armor, attach 3" by 3" sections of nylon tape (NSN 8305-00-263-2472) by sewing to inside of cover.

2-222. Assembly — Standard Crew Seat. a. Reassemble seat and carriage.

b. Install shoulder harness, inertia reel, inertia reel manual control and seat belts on seat assembly (paragraphs 2-236 and 2-246).

c. Install seat bottom and seat back cover assemblies (paragraph 2-229).