

COCKPIT DOOR - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove/install the cockpit door.
- B. The cockpit door is installed at the cockpit/passenger cabin partition in zones 223, 224, 225, and 226.
- C. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

| TASK NUMBER | DESCRIPTION | EFFECTIVITY |
|--------------------|-----------------------------|--------------------------|
| 52-51-01-000-801-A | COCKPIT DOOR - REMOVAL | ACFT MODEL(S) EMB-145 |
| 52-51-01-400-801-A | COCKPIT DOOR - INSTALLATION | ACFT MODEL(S) EMB-145 |

TASK 52-51-01-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. COCKPIT DOOR - REMOVAL

A. General

(1) This task gives the procedures to remove the cockpit door.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

| QTY | FUNCTION | PLACE |
|-----|---------------|-----------------|
| 1 | Does the task | Passenger cabin |

H. Preparation

SUBTASK 841-005-B

(1) Make sure that the aircraft is safe for maintenance.

I. Removal

SUBTASK 020-007-B (Figure 401)

EFFECTIVITY: FOR AIRCRAFT WITHOUT REINFORCED COCKPIT DOOR

CAUTION: TO PREVENT INJURY TO THE PERSONS HOLD THE COCKPIT DOOR WHEN YOU REMOVE THE BOLTS.

(1) Open the cockpit door (1).

(2) Remove the screws (4) and washers (3) that attach the cockpit door assembly (1) to the RH partition assembly (2). Refer to DET. B, Figure 401

(3) Remove the cockpit door (1).

SUBTASK 020-008-B (Figure 402)

EFFECTIVITY: FOR AIRCRAFT WITH REINFORCED COCKPIT DOOR

CAUTION: TO PREVENT INJURY TO THE PERSONS HOLD THE COCKPIT DOOR WHEN YOU REMOVE THE BOLTS.

(4) Open the cockpit door (1).

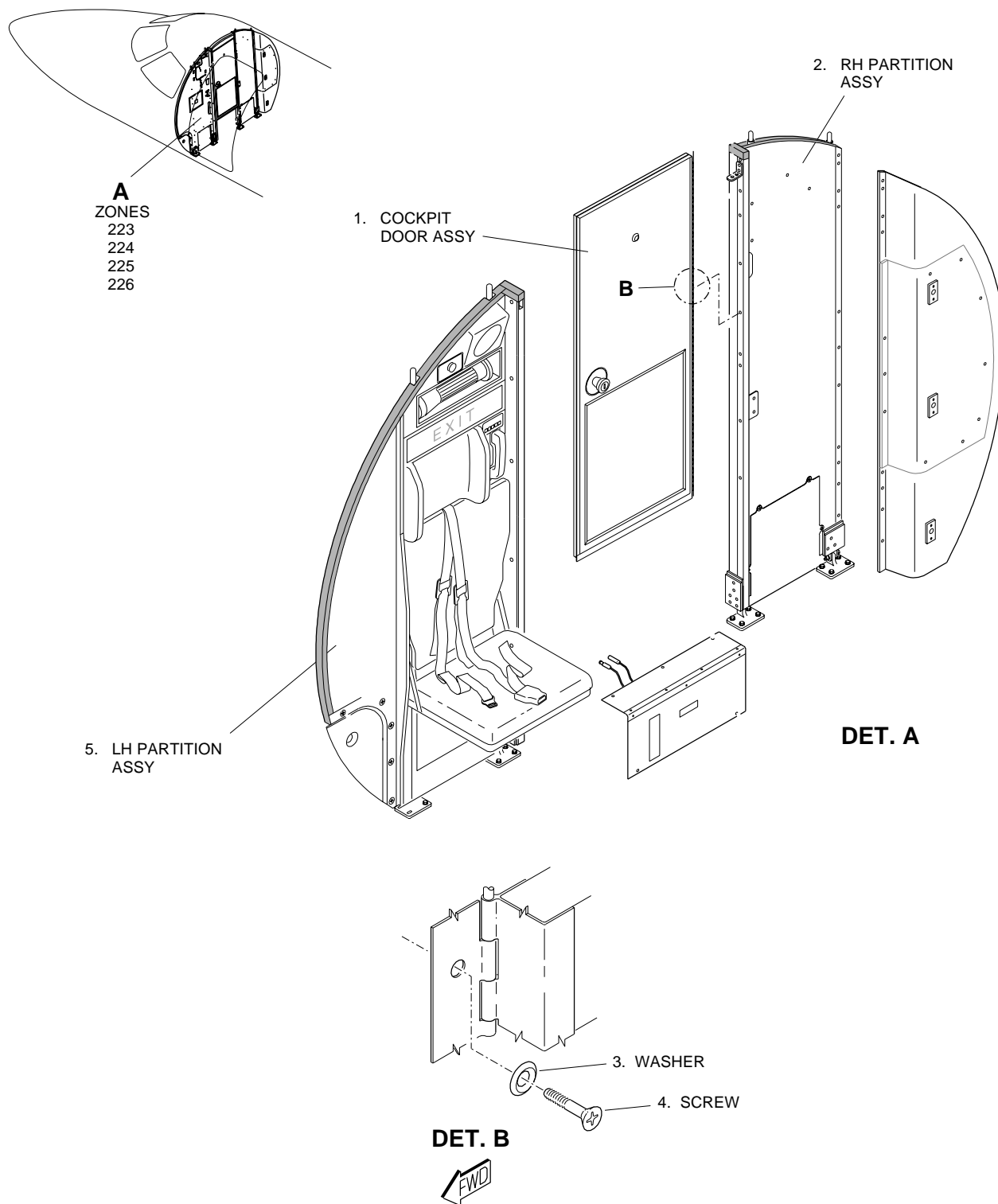


- (5) Remove the screws (4) and washers (3) that attach the cockpit door assembly (1) to the RH partition assembly (2). Refer to DET. B, Figure 402.
- (6) Remove the cockpit door (1).

EFFECTIVITY: FOR AIRCRAFT WITHOUT REINFORCED COCKPIT DOOR

Cockpit Door – Removal/Installation

Figure 401

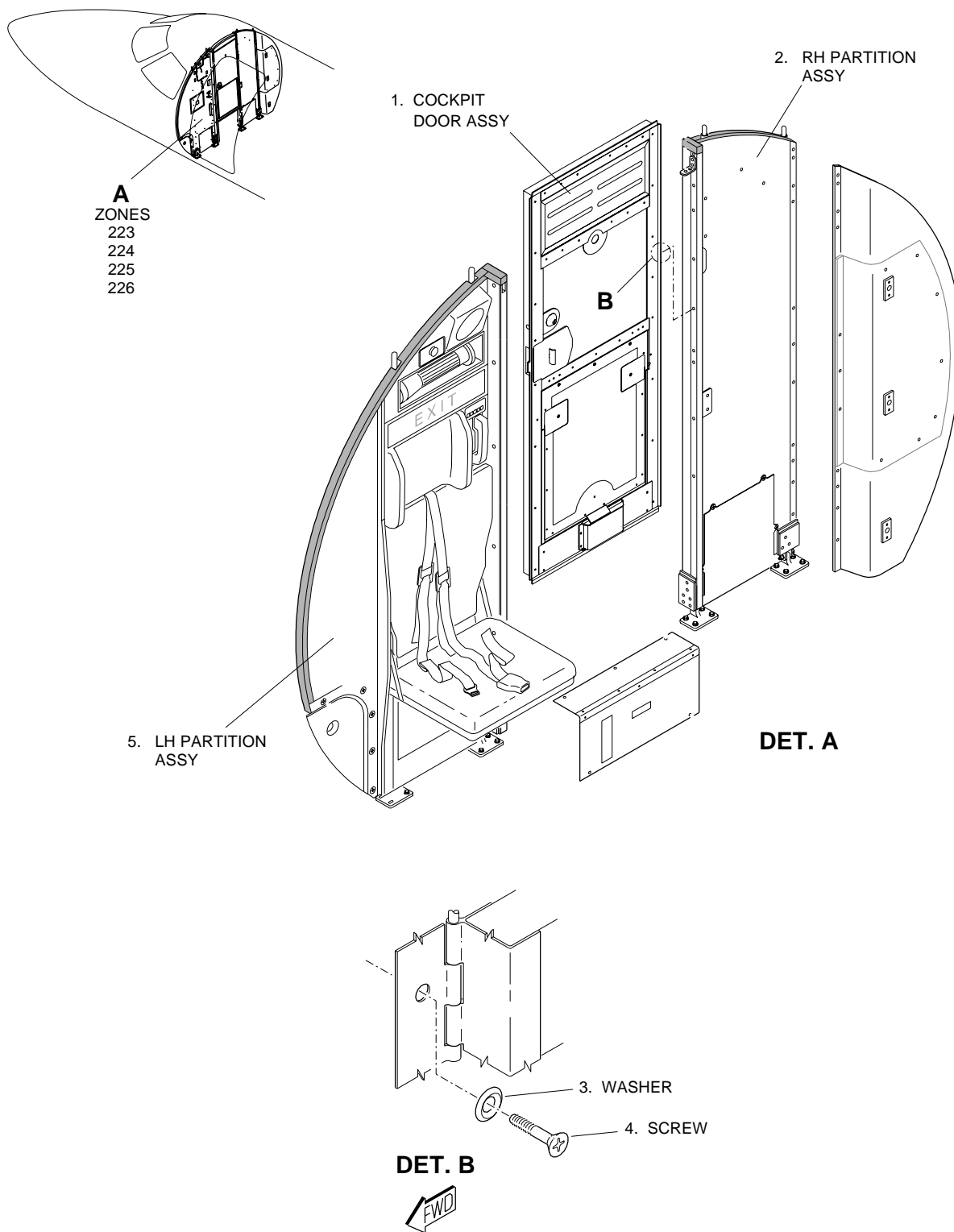


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EFFECTIVITY: FOR AIRCRAFT WITH REINFORCED COCKPIT DOOR

Cockpit Door – Removal/Installation

Figure 402



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TASK 52-51-01-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. COCKPIT DOOR - INSTALLATION

A. General

(1) This task gives the procedures for the installation of the cockpit door.

B. References

| REFERENCE | DESIGNATION |
|---|--------------------------------|
| AMM TASK 52-51-01-700-801-A/500 | COCKPIT DOOR - ADJUSTMENT TEST |

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

| QTY | FUNCTION | PLACE |
|-----|---------------|-----------------|
| 1 | Does the task | Passenger cabin |

I. Installation

SUBTASK 420-007-A ([Figure 401](#))

EFFECTIVITY: FOR AIRCRAFT WITHOUT REINFORCED COCKPIT DOOR

CAUTION: TO PREVENT INJURY TO THE PERSONS HOLD THE COCKPIT DOOR WHEN YOU INSTALL THE BOLTS.

- (1) Put the cockpit door (1) in position.
- (2) Attach the cockpit door assembly (1) to the RH partition assembly (2) with screws (4) and washers (3). Refer to DET. B, [Figure 401](#).

NOTE:

- Make sure that the door and the latch operate correctly.
- For aircraft with reinforced cockpit door, do an operational check ([AMM TASK 52-51-01-700-801-A/500](#)) to make sure that the door and latch operate correctly.

SUBTASK 420-008-B

EFFECTIVITY: FOR AIRCRAFT WITH REINFORCED COCKPIT DOOR

CAUTION: TO PREVENT INJURY TO THE PERSONS HOLD THE COCKPIT DOOR WHEN YOU INSTALL THE BOLTS.

- (3) Put the cockpit door (1) in position.
- (4) Attach the cockpit door assembly (1) to the RH partition assembly (2) with screws (4) and washers (3). Refer to DET. B, Figure 402.

NOTE:

- Make sure that the door and the latch operate correctly.
- For aircraft with reinforced cockpit door, do an operational check (AMM TASK 52-51-01-700-801-A/500) to make sure that the door and latch operate correctly.

