



AIRCRAFT
MAINTENANCE MANUAL

COCKPIT-UNDERFLOOR ACCESS HATCH - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the operational check and to adjust the cockpit underfloor access hatch.
- B. 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
52-42-01-720-801-A	COCKPIT UNDERFLOOR ACCESS HATCH - OPERATIONAL CHECK	ALL
52-42-01-820-801-A	COCKPIT UNDERFLOOR ACCESS HATCH - ADJUSTMENT	ALL



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TASK 52-42-01-720-801-A

EFFECTIVITY: ALL

2. COCKPIT UNDERFLOOR ACCESS HATCH - OPERATIONAL CHECK

A. General

- (1) This task gives the procedures to do the operational check on the cockpit underfloor access hatch.

B. References

REFERENCE	DESIGNATION
AMM TASK 52-42-01-000-801-A/400	COCKPIT UNDERFLOOR ACCESS HATCH - REMOVAL
AMM TASK 52-42-01-400-801-A/400	COCKPIT UNDERFLOOR ACCESS HATCH - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Area below the cockpit floor - LH

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	On the maintenance shop

I. Operationally Check the Cockpit-Underfloor Access Hatch ([Figure 501](#))

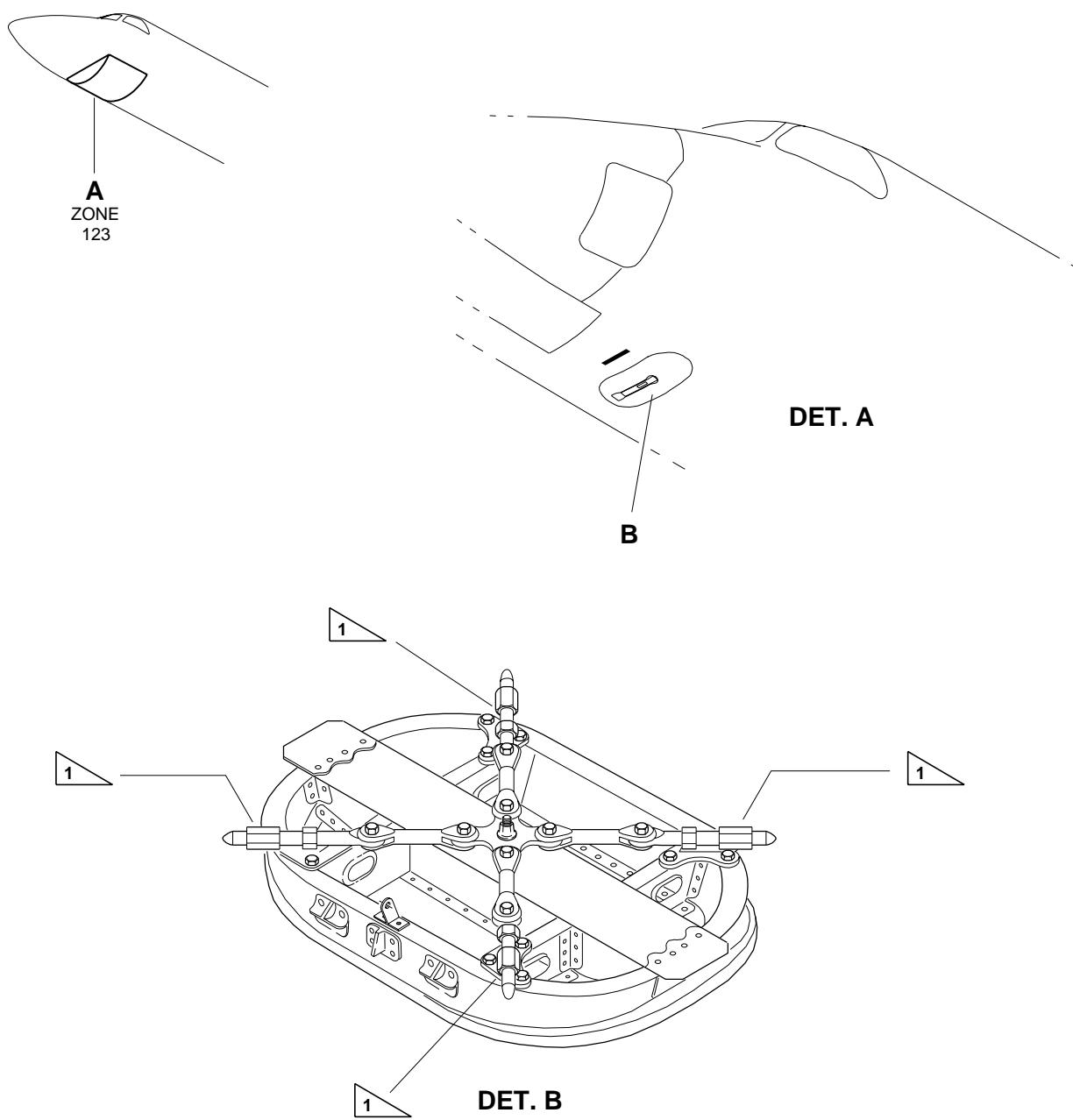
SUBTASK 710-002-A

- (1) Remove the cockpit underfloor access hatch ([AMM TASK 52-42-01-000-801-A/400](#)).
- (2) Rotate the door handle and check the lock mechanism. Make sure that the lock mechanism lock pin and support are not damaged ([Figure 501](#); DET. B).
NOTE: If necessary, replace the damaged parts.
- (3) Install the cockpit underfloor access hatch ([AMM TASK 52-42-01-400-801-A/400](#)).

EFFECTIVITY: ALL

Cockpit-Underfloor Access Hatch - Operational Check

Figure 501



 COMPONENTS THAT WILL BE CHECKED

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TASK 52-42-01-820-801-A

EFFECTIVITY: ALL

3. COCKPIT UNDERFLOOR ACCESS HATCH - ADJUSTMENT

A. General

(1) This task gives the procedures to adjust the cockpit underfloor access hatch.

B. References

REFERENCE	DESIGNATION
AMM TASK 52-42-01-000-801-A/400	COCKPIT UNDERFLOOR ACCESS HATCH - REMOV- AL
IPC 52-42-00	COCKPIT UNDERFLOOR ACCESS HATCH

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Area below the cockpit floor - LH

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the vent door	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technicians hands	1
Commercially available	Safety Goggles	For protection of technicians eyes	1
Commercially available	Porous-point pen mark	To make marks in the stop	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-PRF-81733 Type IV-12	Sealant P/S870C-12	AR
MIL-PRF-81733 Type IV-24	Sealant P/S870C-24	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Cockpit-Underfloor	IPC 52-42-00	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the cockpit-underfloor access hatch

I. Preparation
SUBTASK 841-002-A

- (1) With the aircraft depressurized, remove the cockpit underfloor access hatch ([AMM TASK 52-42-01-000-801-A/400](#)).

J. Adjustment of the Cockpit Underfloor Access Hatch ([Figure 502](#)) ([Figure 503](#))
SUBTASK 820-002-A

- (1) There are three different conditions in which the adjustment of the cockpit underfloor access hatch is necessary:
- (a) Installation of a new cockpit underfloor access hatch. Do steps 2 thru 9.
 - (b) Removal of the cockpit underfloor access hatch from an aircraft and installation of it on other aircraft. Do steps 2 thru 9.
 - (c) Incorrect adjustment of a hatch removed and installed on the same aircraft. Do steps 4 thru 9.
- (2) Adjust the support (7) height with shims (6) to make the distance between the hatch and the support (7) be 3.2 mm ([Figure 502](#); DET. C).

NOTE: This measure is equal to the thickness of the shim (6).

If it is necessary to make the shim, use as a reference the shim already installed in the hatch.

- (3) Make sure the fuselage stop pin (3), washers (2) , and nuts (1) are in their fuselage holes ([Figure 502](#)).
- (4) Install the hatch and make sure that the value of the outside step between the fuselage frame and the hatch is between 1 and 4 mm underflush the fuselage. Rework it where it is necessary, and then apply Alodine and epoxy primer to the reworked areas. Refer to ([Figure 503](#); SECTION B-B).

- (5) Lock and unlock the hatch to make sure the stops do not touch the fuselage stop pins (3). Refer to ([Figure 503](#); SECTION B-B).

NOTE: Mark stop with porous-point pen marker for visually if stops touch.

- (6) Tighten the nuts (1) of the fuselage stop pins (3).

NOTE: Be careful not to put the fuselage stop pins (3) out of the correct adjustment.

- (7) Make sure that the hatch is correctly aligned with the fuselage during the pressurization.

NOTE: If they are not aligned, again adjust the fuselage stop pins (3) where the hatch is out of specification.



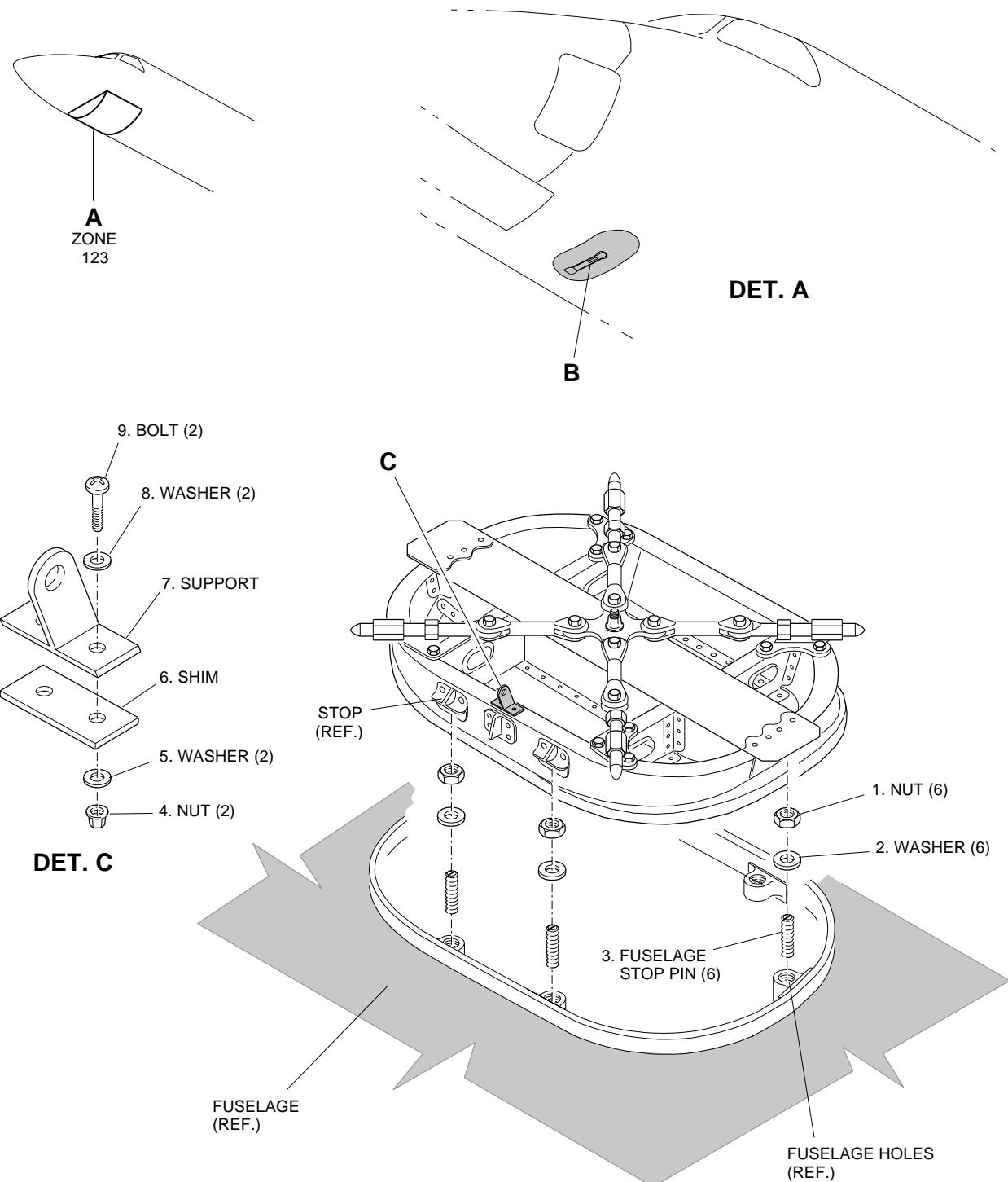
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- (8) With the aircraft depressurized, remove the hatch and safety the nuts (1) with lockwire.
- (9) Apply sealant P/S870C-12 or P/S870C-24 between the washer (2) and the support (7).

EFFECTIVITY: ALL

Cockpit Underfloor Access Hatch - Adjustment

Figure 502

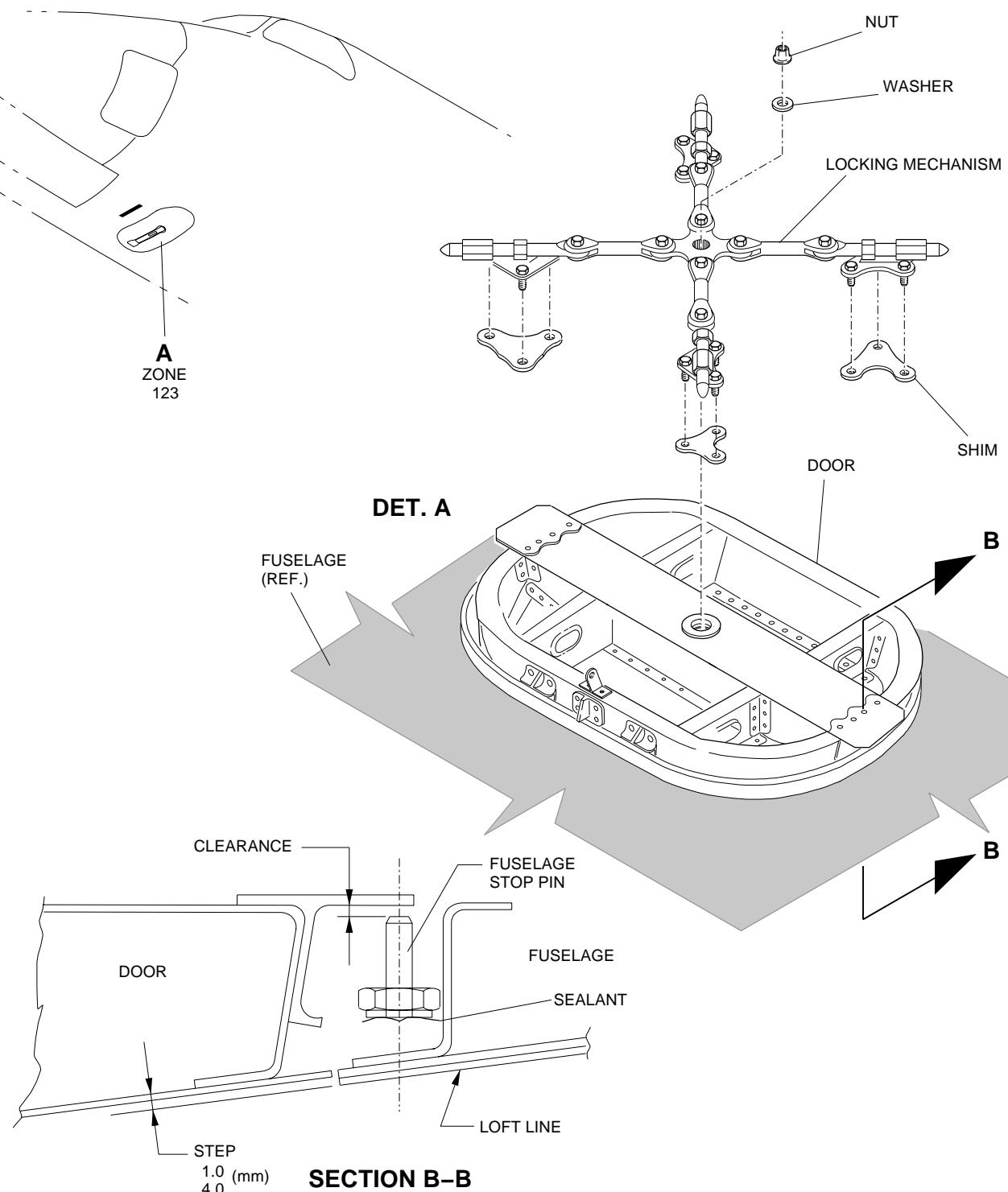

DET. B

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EFFECTIVITY: ALL

Cockpit Underfloor Access Hatch - Adjustment

Figure 503



1 DURING THE INSTALLATION, NOTE THE RIGHT SIDE OF THE SHIM UNDER THE SUPPORT.

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