



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

COCKPIT FLOOR PANELS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install Cockpit Floor Panels.
- 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
53-01-01-000-801-A	COCKPIT FLOOR PANELS - REMOVAL	ALL
53-01-01-400-801-A	COCKPIT FLOOR PANELS - INSTALLA- TION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 53-01-01-000-801-A

EFFECTIVITY: ALL

2. COCKPIT FLOOR PANELS - REMOVAL

A. General

(1) This procedure gives the instructions to remove Cockpit Floor Panels.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-11-01-000-801-A/400	PILOT SEAT - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
220		Fuselage forward section II

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the screws	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
TT-I-735	Isopropyl alcohol	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit, RH/LH

I. Preparation

SUBTASK 841-002-A

(1) Remove the pilot/copilot seats ([AMM TASK 25-11-01-000-801-A/400](#)).



AIRCRAFT
MAINTENANCE MANUAL

J. Removal ([Figure 401](#))

SUBTASK 020-002-A

- (1) Remove the screws (1) that attach the floor panel (2) to the cockpit floor beams.
- (2) Remove the floor panel (2).

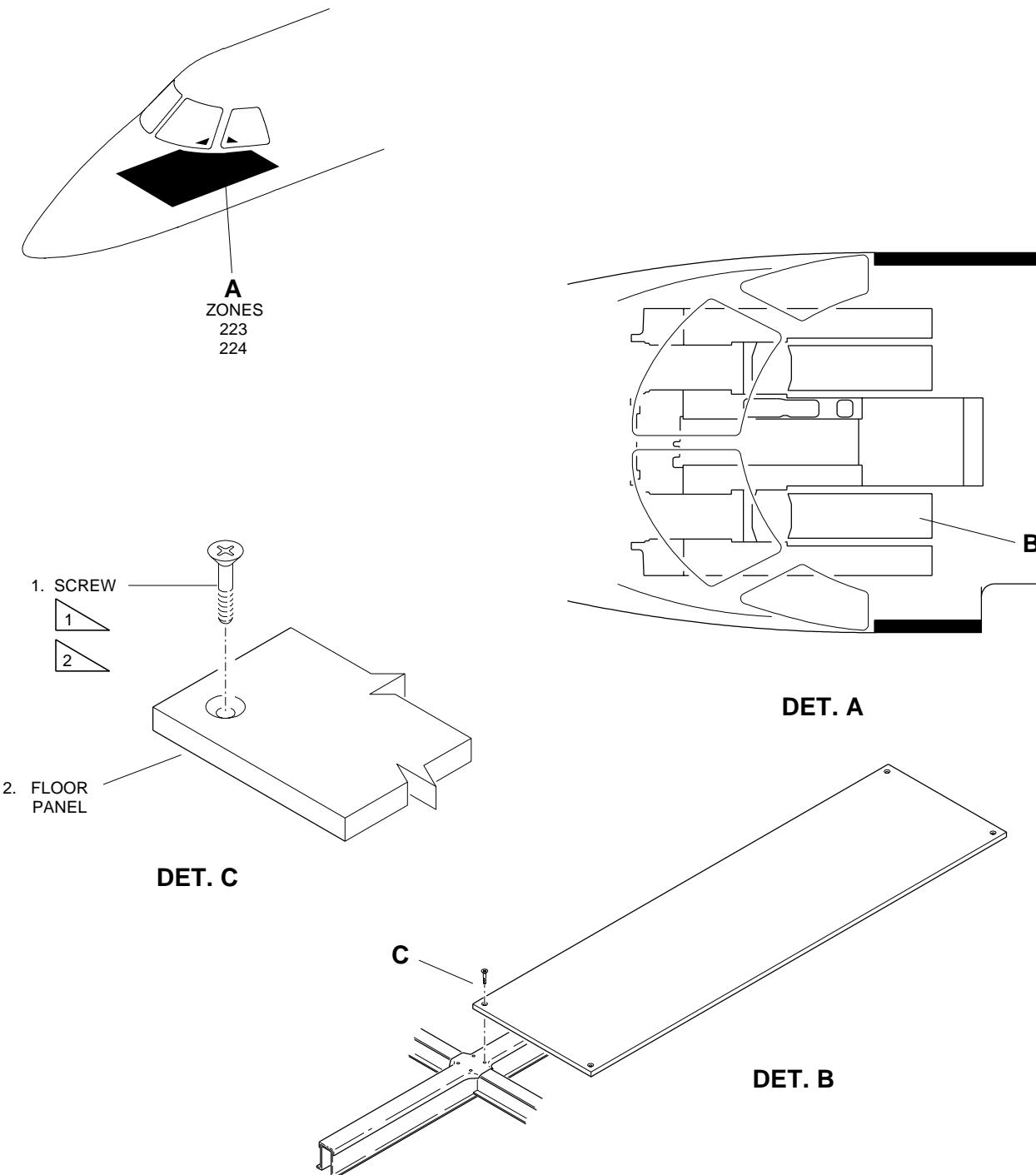
WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.

- (3) With a clean cloth soaked in Isopropyl alcohol, clean all floor panels where the work will be done.

EFFECTIVITY: ALL

Cockpit Floor Panels - Removal/Installation

Figure 401



 **TORQUE:** 1.8 – 2.9 N.m (16 – 26 lb.in)

 **THE SCREW MUST BE WET WITH COR-BAN 27L.**

EM145AMM530008B.DGN

TASK 53-01-01-400-801-A
EFFECTIVITY: ALL
3. COCKPIT FLOOR PANELS - INSTALLATION
A. General

(1) This procedure gives the instructions to install the Cockpit Floor Panels.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 25-11-01-400-801-A/400	PILOT SEAT - INSTALLATION
AMM TASK 28-41-00-200-801-A/600	-
IPC 53-01-01	COCKPIT FLOOR

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
220		Fuselage forward section II

D. Tools and Equipment

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Torque wrench	To tighten the screws	
Commercially available	Acrylic spatula	To install polyurethane film	

E. Auxiliary Items

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

F. Consumable Materials

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MEP 09-075	Corrosion-Inhibiting Compound (COR-BAN 27L)	AR
TT-I-735	Isopropyl alcohol	AR

G. Expendable Parts

<i>ITEM</i>	<i>IPC REFERENCE (VENDOR REFERENCE)</i>	<i>QTY</i>
Floor Panel	IPC 53-01-01	AR



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit, RH/LH

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of the fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations (Section 6) of the Maintenance Review Board Report (MRB).

- (2) Install the floor panel (2).

WARNING: COR-BAN 27L IS TOXIC TO SKIN, EYES, AND RESPIRATORY TRACT. USE PVC GLOVES AND EYE PROTECTION. USE ONLY IN WELL VENTILATED AREAS. OBEY THE MANUFACTURER'S HEALTH AND SAFETY INSTRUCTIONS.

- (3) Install the screws (1) that attach the floor panel (2) to the cockpit floor. The screws must be wet with COR-BAN 27L.
- (4) Tighten the screws (1).

NOTE: Apply torque of 1.8 - 2.9 N.m (16 - 26 lbf.in).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the pilot/copilot seats (AMM TASK 25-11-01-400-801-A/400).