



AIRCRAFT MAINTENANCE MANUAL

CEILING LINING - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the RH/LH ceiling-lining panels, center ceiling-lining panel, windshield upper lining and windshield center fairing.
- B. The RH/LH ceiling-lining panels, center ceiling-lining panel, windshield upper lining and windshield center fairing are installed in the cockpit, at zones 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
25-12-01-000-801-A	COCKPIT LINING - REMOVAL	ALL
25-12-01-400-801-A	COCKPIT LINING - INSTALLATION	ALL



AIRCRAFT MAINTENANCE MANUAL

TASK 25-12-01-000-801-A

EFFECTIVITY: ALL

2. COCKPIT LINING - REMOVAL

A. General

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

B. References

REFERENCE	DESIGNATION
AMM TASK 21-20-04-000-801-A/400	-
AMM TASK 21-20-04-000-802-A/400	-
AMM TASK 25-12-09-000-801-A/400	LH/RH COCKPIT LINING - REMOVAL
AMM TASK 33-11-02-000-801-A/400	DOME LIGHT REFLECTOR - REMOVAL
AMM TASK 33-11-04-000-801-A/400	READING LIGHT MOUNTING BASE - REMOVAL
AMM TASK 33-11-04-000-802-A/400	READING LIGHT ASSEMBLY - REMOVAL
AMM TASK 34-23-04-000-801-A/400	HGS COMBINER - REMOVAL

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	A - Does the task	Cockpit
1	B - Helps the technician A	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) On the overhead panel, set the EMERG LT switch to OFF position and attach a DO-NOT-MOVE-FROM-OFF tag to it.
- (3) Make sure the DOME switch on the overhead panel is in the OFF position.

- (4) On the air CONDITIONING/PNEUMATIC control panel, on the overhead panel, make sure that PACK 1, PACK 2 and RECIRC switches are OFF, the lights will illuminate.
 - (5) On the circuit breaker panel, open the COCKPIT READING lights circuit breaker and attach a DO-NOT-CLOSE tag to it.
 - (6) Set the PILOT AND COPILOT rotatory switch on the glareshield panel to the OFF position.
- J. RH/LH Ceiling-Lining Panels - Removal ([Figure 401](#)) ([Figure 402](#)) ([Figure 403](#))
SUBTASK 020-002-A
- (1) For aircraft without head up display, remove the screws (23) and washers (22) that attach the monorail. Refer to DET. C, Figure 401, sheet 2.
 - (2) For aircraft with head up display, remove the screws (18) and washers (19) that attach the LH and RH monorail. Refer to DET. B, Figure 402, sheet 1.
 - (3) Remove the screws (1) and washers (2) that attach the protection lining (3). Refer to DET. B, Figure 403.
 - (4) Disconnect the electrical connector (5) from the temperature sensor (4). Refer to DET. B, Figure 403.
 - (5) Remove the RH ceiling-lining panel (2) as follows. Refer to DET. B, Figure 401 or Figure 402, sheet 1, as applicable:
 - (a) Remove the screws (5) and washers (6) that attach the RH ceiling-lining panel (2).
 - (b) Disconnect the electrical connectors from the dome lights [AMM TASK 33-11-02-000-801-A/400](#).
 - (c) Disconnect the electrical connectors from the reading light [AMM TASK 33-11-04-000-801-A/400](#) or [AMM TASK 33-11-04-000-802-A/400](#), as applicable.
 - (d) Break the tie-down straps (7) and (3) that attach the air-conditioning flexible air hoses (1) and (4) [AMM TASK 21-20-04-000-801-A/400](#) or [AMM TASK 21-20-04-000-802-A/400](#), as applicable.
 - (6) Remove the LH ceiling-lining panel (10) as follows (refer to DET. B, Figure 401 or Figure 402, sheet 1, as applicable):
 - (a) For aircraft with head-up display, remove the HGS combiner [AMM TASK 34-23-04-000-801-A/400](#). Refer to DET. C, Figure 402, sheet 2.
 - (b) Remove the screws (12) and washers (11) that attach the LH ceiling-lining panel (10).
 - (c) Disconnect the electrical connectors from the dome lights [AMM TASK 33-11-02-000-801-A/400](#).
 - (d) Disconnect the electrical connectors from the reading light [AMM TASK 33-11-04-000-801-A/400](#) or [AMM TASK 33-11-04-000-802-A/400](#), as applicable.

- (e) Break the tie-down straps (13) and (16) that attach the air-conditioning flexible air hoses (14) and (15) AMM TASK 21-20-04-000-801-A/400 or AMM TASK 21-20-04-000-802-A/400, as applicable.

K. Windshield Upper Lining - Removal (Figure 401) (Figure 402)

SUBTASK 020-003-A

- (1) **NOTE:** • Do not remove the standby magnetic compass from the windshield upper lining (29).
• Remove windshield upper lining carefully avoid to damage the standby magnetic compass.

Disconnect the electrical connector (30) from the standby magnetic compass. Refer to VIEW D, Figure 401 or Figure 402, sheet 2, as applicable.

- (2) For aircraft without head up display do the steps below:
- Remove the screws (23) and washers (22) that attach the monorail. Refer to DET. C, Figure 401, sheet 2.
 - Pull to down the trim cap (21) to remove it. Refer to DET. C, Figure 401, sheet 2.
 - Remove the screws (20) and washers (19) that attach the handle (18). Refer to DET. C, Figure 401, sheet 2.
 - Remove the front vertical lining panel ([AMM TASK 25-12-09-000-801-A/400](#)). Refer to VIEW D, Figure 401, sheet 2.
 - Remove the screws (25) and washer (24) that attach the windshield upper lining (29). Refer to DET. C and VIEW D, Figure 401, sheet 2.
- (3) For aircraft with head up display do the steps below:
- Remove the screws (19) and washers (18) that attach the LH and RH monorails. Refer to DET. B, Figure 402, sheet 1.
 - Pull to down the trim cap (23) to remove it. Refer to DET. C, Figure 402, sheet 2.
 - Remove the screws (22) and washers (21) that attach the handle (20). Refer to DET. C, Figure 402, sheet 2.
 - Remove the front vertical lining panel ([AMM TASK 25-12-09-000-801-A/400](#)). Refer to VIEW D, Figure 402, sheet 2.
 - Remove the screws (25) and washer (24) that attach the windshield upper lining (29). Refer to DET. C and VIEW D, Figure 402, sheet 2.

L. Windshield Center Fairing - Removal (Figure 401) (Figure 402)

SUBTASK 020-004-A

- (1) Remove the screws (26) and washers (27) that attach the windshield center fairing (28). Refer to DET. C and VIEW D, Figure 401 or Figure 402, sheet 2, as applicable.



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AIRCRAFT
MAINTENANCE MANUAL

M. Center Ceiling-Lining Panel - Removal ([Figure 401](#)) ([Figure 402](#))

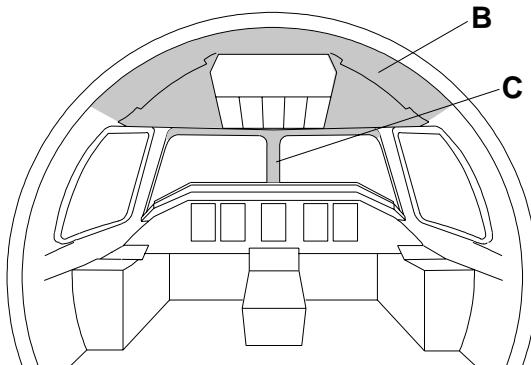
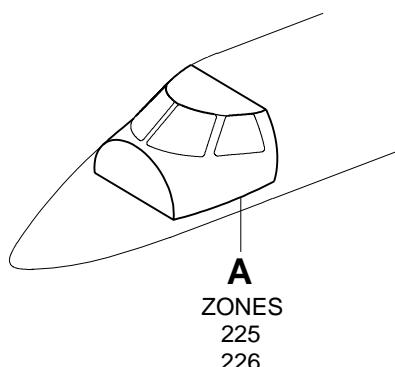
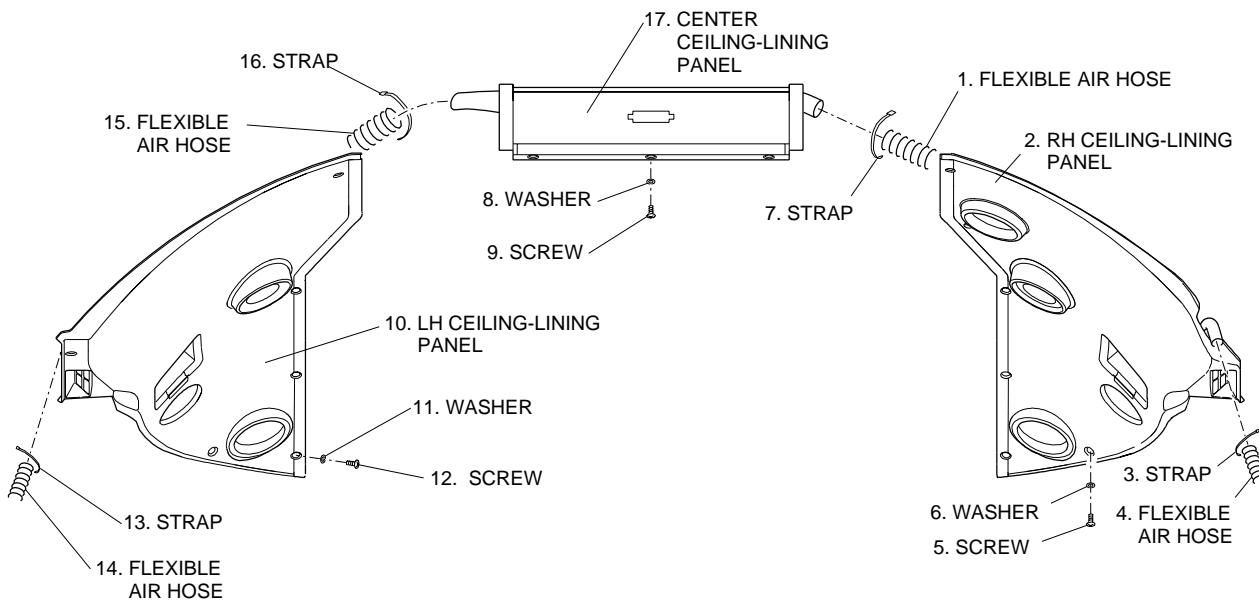
SUBTASK 020-005-A

- (1) Remove the screws (9) and washers (8) that attach the center ceiling-lining panel (17). Refer to DET. B, Figure 401 or Figure 402, sheet 1.
- (2) Break the tie-down strap (7) and (16) that attach the air-conditioning flexible hose (1) and (15) AMM TASK 21-20-04-000-801-A/400 or AMM TASK 21-20-04-000-801-A/400, as applicable. Refer to DET. B, Figure 401 or Figure 402, sheet 1, as applicable.

EFFECTIVITY: FOR AIRCRAFT WITHOUT HEAD-UP DISPLAY

Ceiling Lining - Removal/Installation

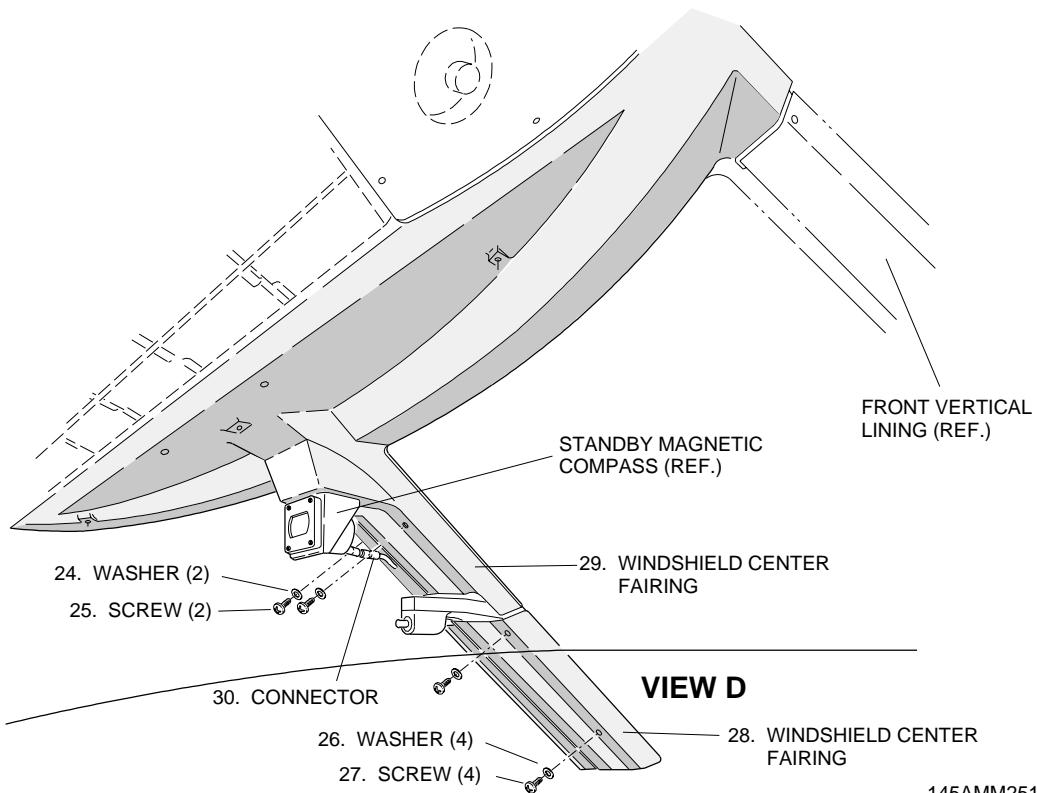
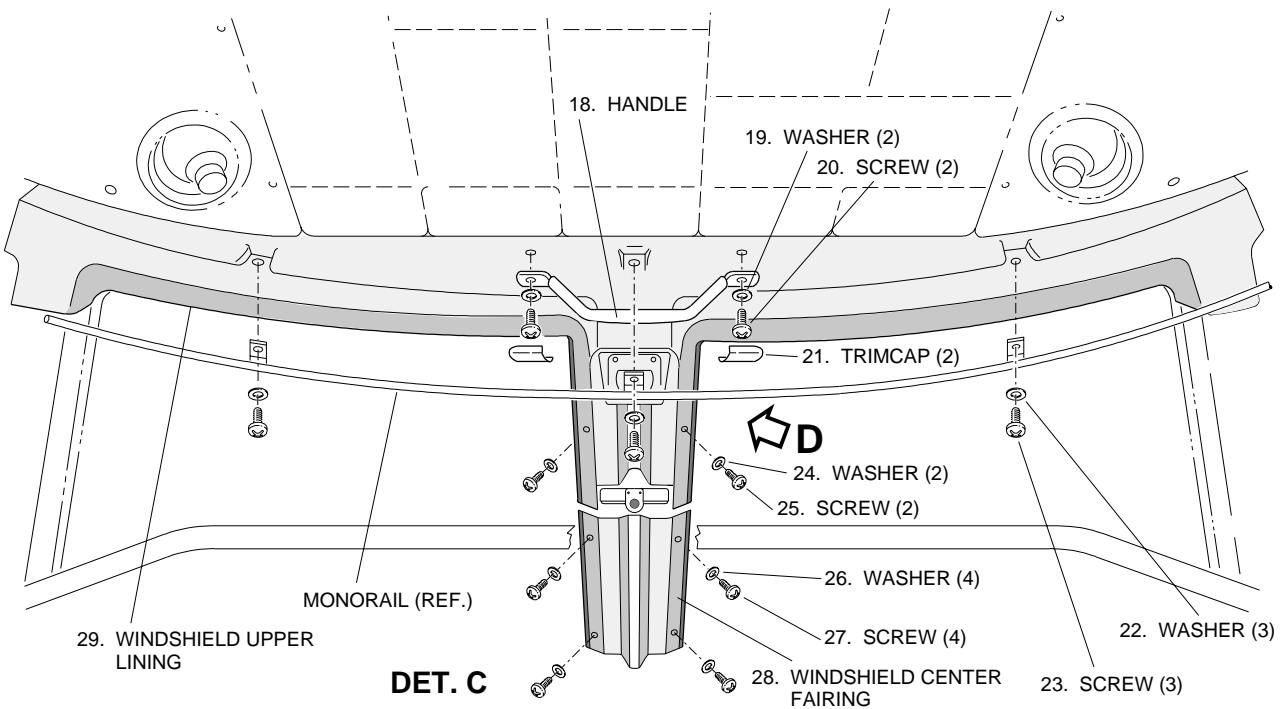
Figure 401 - Sheet 1


DET. A

DET. B

EFFECTIVITY: FOR AIRCRAFT WITHOUT HEAD-UP DISPLAY

Ceiling Lining - Removal/Installation

Figure 401 - Sheet 2

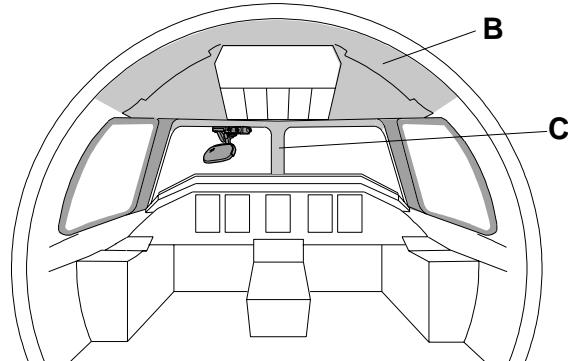
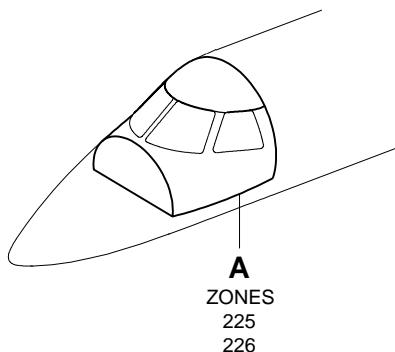


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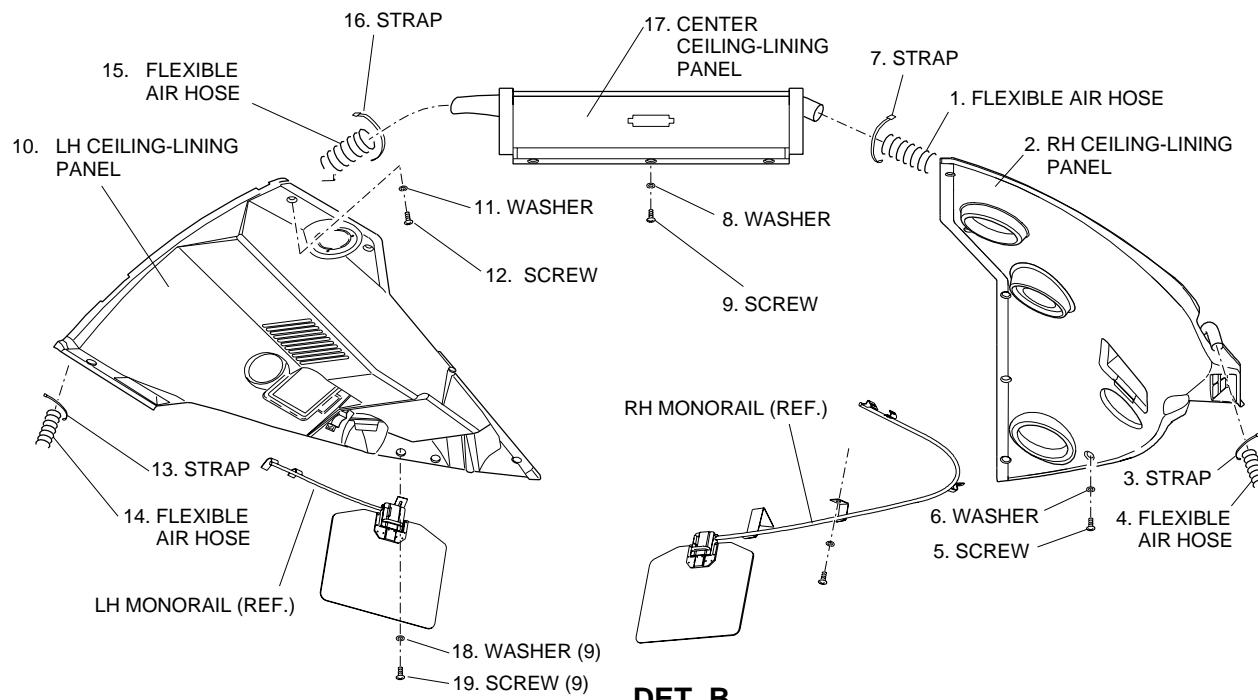
EFFECTIVITY: FOR AIRCRAFT WITH HEAD-UP DISPLAY

Ceiling Lining - Removal/Installation

Figure 402 - Sheet 1



DET. A

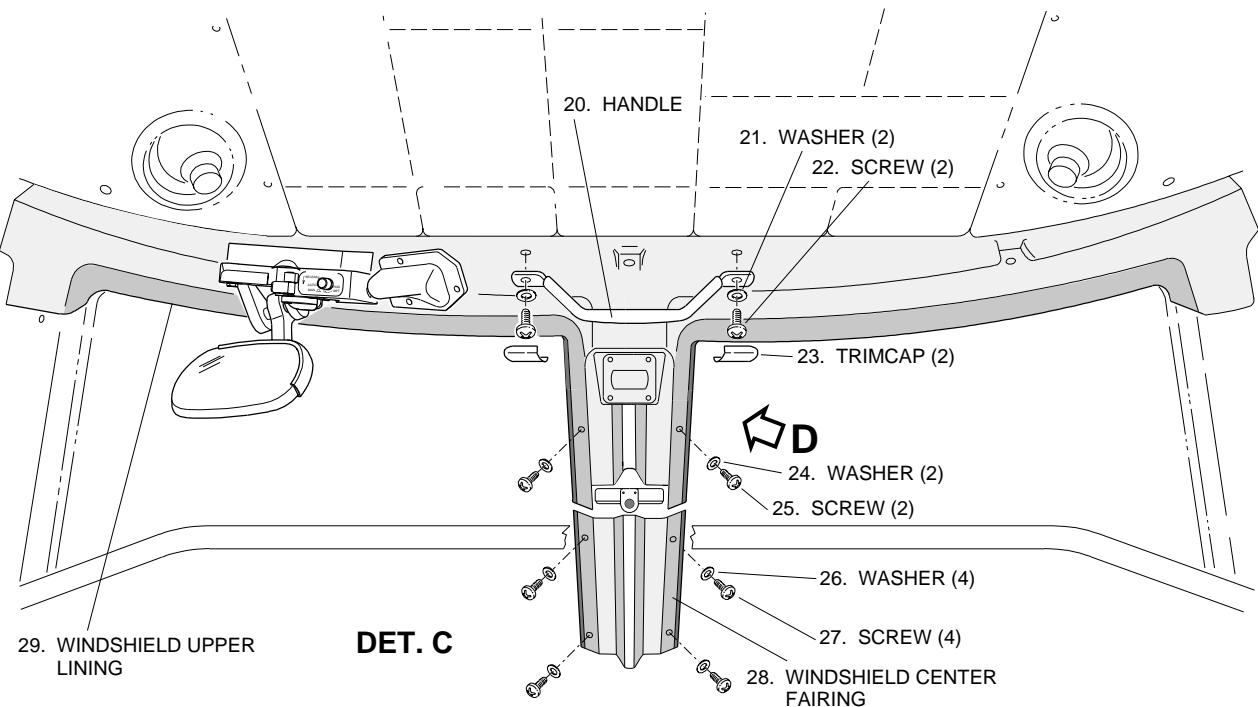


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EFFECTIVITY: FOR AIRCRAFT WITH HEAD-UP DISPLAY

Ceiling Lining - Removal/Installation

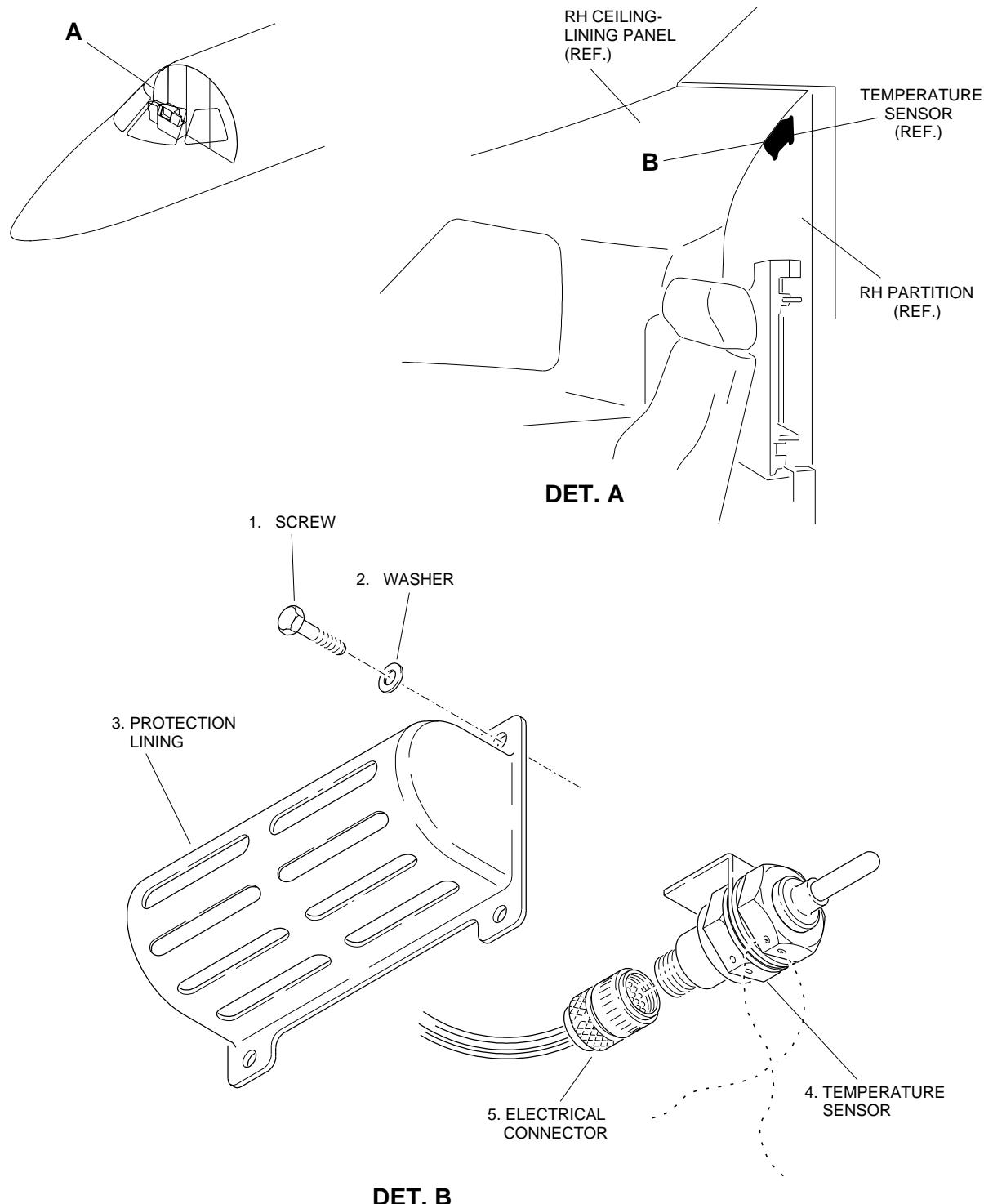
Figure 402 - Sheet 2



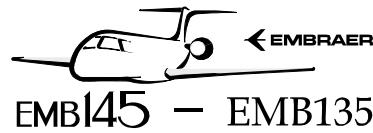
EFFECTIVITY: ALL

Ceiling Lining - Removal/Installation

Figure 403



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TASK 25-12-01-400-801-A

EFFECTIVITY: ALL

3. COCKPIT LINING - INSTALLATION

A. General

(1) This task gives the procedures to install the cockpit lining.

B. References

REFERENCE	DESIGNATION
AMM TASK 21-20-04-400-801-A/400	-
AMM TASK 21-20-04-400-802-A/400	-
AMM TASK 33-11-02-400-801-A/400	DOME LIGHT REFLECTOR - INSTALLATION
AMM TASK 33-11-04-400-801-A/400	READING LIGHT MOUNTING BASE - INSTALLATION
AMM TASK 33-11-04-400-802-A/400	READING LIGHT ASSEMBLY - INSTALLATION
AMM TASK 34-23-04-400-801-A/400	HGS COMBINER - INSTALLATION
AMM TASK 34-25-00-700-802-A/500	STANDBY MAGNETIC COMPASS - FUNCTIONAL CHECK
IPC 25-12-02	COCKPIT CEILING LINING

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Tie-down strap	IPC 25-12-02	1
Tie-down strap	IPC 25-12-02	1
Tie-down strap	IPC 25-12-02	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	A - Does the task	Cockpit
1	B - Helps the technician A	Cockpit



AIRCRAFT MAINTENANCE MANUAL

I. Center Ceiling-Lining Panel - Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) Put the center ceiling-lining panel (17) in its original position to make the installation.
- (2) Connect the air-conditioning flexible hose (1) and (15) and attach it with new tie-down straps (7) and (16) AMM TASK 21-20-04-400-801-A/400 or AMM TASK 21-20-04-400-802-A/400, as applicable. Refer to DET. B, Figure 401 or Figure 402, sheet 1, as applicable.
- (3) Tighten the screws (9) and washers (8) that attach the center ceiling-lining panel (17). Refer to DET. B, Figure 401 or Figure 402, sheet 1, as applicable.

J. RH/LH Ceiling-Lining Panels - Installation (Figure 401) (Figure 402) (Figure 403)

SUBTASK 420-003-A

- (1) Install the RH ceiling-lining panel (2) as follows. Refer to DET. B, Figure 401 or Figure 402, sheet 1, as applicable:
 - (a) Put the RH ceiling-lining panel (2) in its original position to make the installation.
 - (b) Connect the air-conditioning flexible hose (1) and (4), and attach it with new tie-down straps (7) and (3) AMM TASK 21-20-04-400-801-A/400 or AMM TASK 21-20-04-400-802-A/400, as applicable.
 - (c) Connect the electrical connectors from the dome lights **AMM TASK 33-11-02-400-801-A/400**.
 - (d) Connect the electrical connectors from the reading light **AMM TASK 33-11-04-400-801-A/400** or **AMM TASK 33-11-04-400-802-A/400**, as applicable.
 - (e) Tighten the screws (5) and washers (6) that attach the RH ceiling-lining panel (2).
- (2) Install the LH ceiling-lining panel (10) as follows. Refer to DET. B, Figure 401 or Figure 402, as applicable:
 - (a) Put the LH ceiling-lining panel (10) in its original position to make the installation. Refer to DET. B, Figure 401 or Figure 402, sheet 1, as applicable.
 - (b) Connect the air-conditioning flexible hose (14) and (15), and attach it with new tie-down straps (13) and (16) AMM TASK 21-20-04-400-801-A/400 or AMM TASK 21-20-04-400-802-A/400, as applicable.
 - (c) Connect the electrical connectors from the dome lights **AMM TASK 33-11-02-400-801-A/400**.
 - (d) Connect the electrical connectors from the reading light **AMM TASK 33-11-04-400-801-A/400** or **AMM TASK 33-11-04-400-802-A/400**, as applicable.
 - (e) Tighten the screws (12) and washers (11) that attach the LH ceiling-lining panel (10).
- (3) Connect the electrical connector (5) to the temperature sensor (4). Refer to DET. B, Figure 403.

- (4) Tighten the screws (1) and washers (2) that attach the protection lining (3). Refer to DET. B, Figure 403.
 - (5) For aircraft with head-up display, install the HGS combiner ([AMM TASK 34-23-04-400-801-A/400](#)). Refer to DET. C, Figure 402, sheet 2.
 - (6) For aircraft with head-up display, tighten the screws (18) and washers (19) that attach the LH and RH monorails. Refer to DET. B, Figure 402, sheet 1.
 - (7) For aircraft without head up display, tighten the screws (23) and washers (22) that install the monorail. Refer to DET. C, Figure 401, sheet 2.
- K. Windshield Upper Lining - Installation (Figure 401) (Figure 402)
- SUBTASK 420-004-A**
- (1) Put the windshield upper lining (29) in its original position to make the installation.
 - (2) For aircraft without head up display do the steps below:
 - (a) Tighten the screws (25) and washers (24) that attach the windshield upper lining (29). Refer to DET. C and VIEW D, Figure 401, sheet 2.
 - (b) Tighten the screws (20) and washers (19) that attach the handle (18). Refer to DET. C, Figure 401, sheet 2.
 - (c) Fit the trim cap (21) in its correct position.
 - (d) Connect the electrical connector (30) to the standby magnetic compass. Refer to VIEW D, Figure 401, sheet 2.
 - (e) Tighten the screws (23) and washers (22) that attach the windshield upper lining (29) and monorail. Refer to DET. C, Figure 401, sheet 2.
 - (f) Do a functional check on the standby magnetic compass [AMM TASK 34-25-00-700-802-A/500](#).
 - (3) For aircraft with head up display do the steps below:
 - (a) Tighten the screws (25) and washers (24) that attach the windshield upper lining (29). Refer to DET. C and VIEW D, Figure 402, sheet 2.
 - (b) Tighten the screws (22) and washers (21) that attach the handle (20). Refer to DET. C, Figure 402, sheet 2.
 - (c) Fit the trim cap (23) in its correct position.
 - (d) Connect the electrical connector (30) to the standby magnetic compass . Refer to VIEW D, Figure 402, sheet 2.
 - (e) Tighten the screws (19) and washers (18) that attach the LH and RH monorails. Refer to DET. B, Figure 402, sheet 1.
 - (f) Do a functional check on the standby magnetic compass [AMM TASK 34-25-00-700-802-A/500](#).



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MAINTENANCE MANUAL

L. Windshield Center Fairing - Installation (Figure 401) (Figure 402)

SUBTASK 420-005-A

- (1) Tighten the screws (26) and washers (27) that attach the windshield center fairing (28). Refer to DET. C and VIEW D, Figure 401 or Figure 402, sheet 2, as applicable.

M. Follow-on

SUBTASK 842-002-A

- (1) Remove the DO-NOT-MOVE-FROM-OFF tag from the EMERG LT and switch it to ARM position.
- (2) Remove the DO-NOT-CLOSE tag from the COCKPIT READING lights circuit breaker on the circuit breaker.