



AIRCRAFT MAINTENANCE MANUAL

APRON - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the nacelle apron. These procedures are applicable to the LH and RH engines.
- 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
71-13-01-000-801-A	NACELLE APRON - REMOVAL	ALL
71-13-01-400-801-A	APRON - INSTALLATION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 71-13-01-000-801-A

EFFECTIVITY: ALL

2. NACELLE APRON - REMOVAL

A. General

- (1) Obey the instructions below to remove the nacelle apron.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH Engine
423	Lower cowling	RH Engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	Access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	Engine nacelle

I. Preparation

SUBTASK 841-002-A

- (1) Put the workstand in position, and get access to the nacelle apron.

- (2) Open the engine lower cowling. Refer to [AMM TASK 71-12-01-000-801-A/400](#).

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

SUBTASK 020-002-A

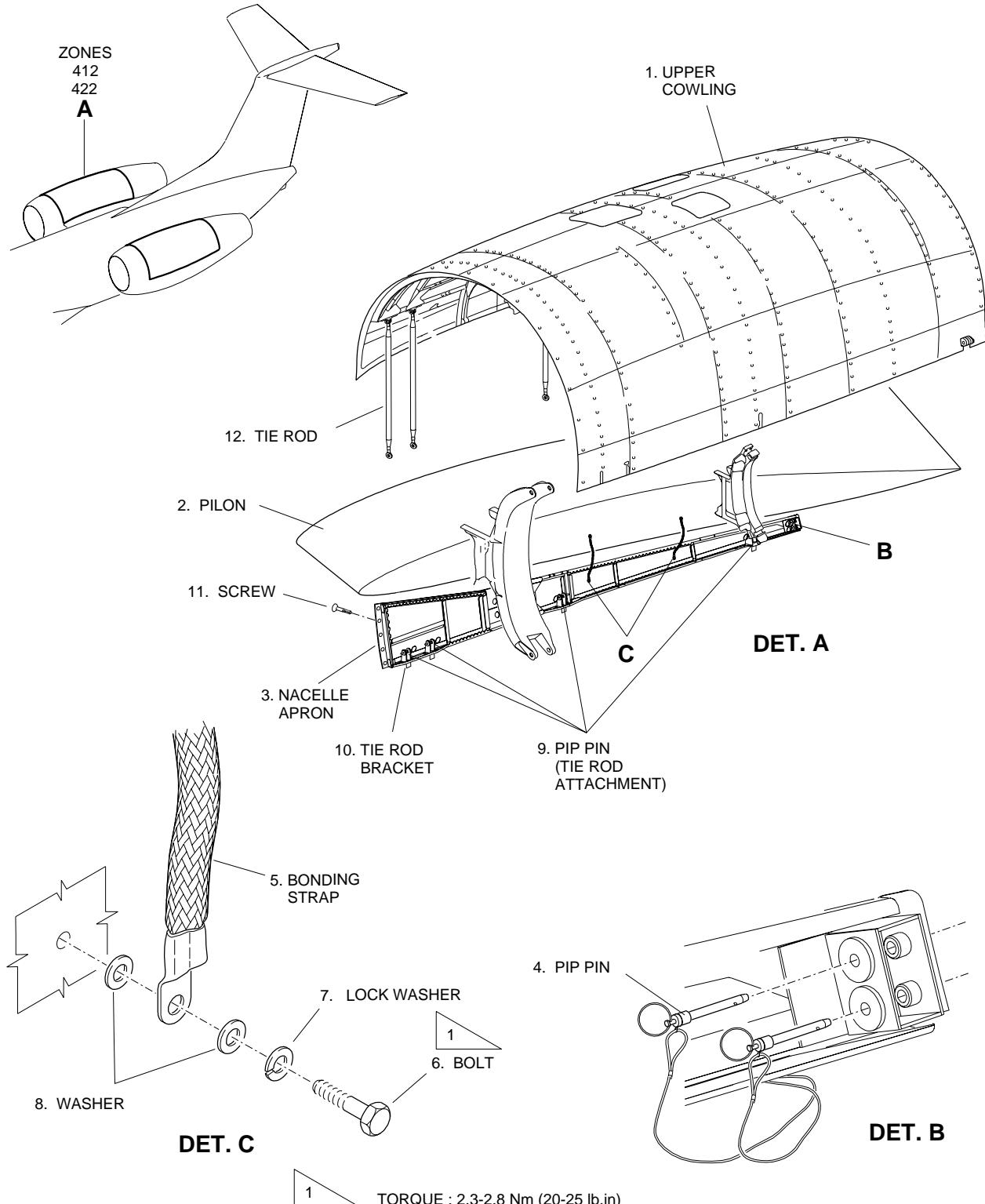
WARNING: DO NOT TOUCH THE ENGINE COMPONENTS UNTIL THEY ARE COOL. THE TEMPERATURE STAYS HOT AFTER THE ENGINE STOPS.



AIRCRAFT
MAINTENANCE MANUAL

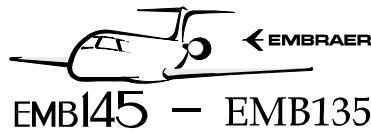
- (1) Remove the bolts (6), lock washers (7), and washers (8).
- (2) Release the two bonding straps (5) from the nacelle apron (3).
- (3) Remove all pip pins (9) from the tie rod brackets (10) in the nacelle apron (3).
- (4) Remove the attachment screws (11).
- (5) Remove the pip pins (4) in the rear part of the nacelle apron.
- (6) Remove the nacelle apron (3) from its position.

EFFECTIVITY: ALL
Apron - Removal/Installation
Figure 401



1 TORQUE : 2.3-2.8 Nm (20-25 lb.in)

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AIRCRAFT
MAINTENANCE MANUAL

TASK 71-13-01-400-801-A

EFFECTIVITY: ALL

3. APRON - INSTALLATION

A. General

- (1) Obey the instructions below to install the nacelle apron.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH Engine
423	Lower cowling	RH Engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	Access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	Engine nacelle

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the apron in position, and install the pip pins (4) in the rear part of the nacelle apron.
- (2) Install the attachment screws (11) to the nacelle apron.
- (3) Install all pip pins (9) to connect the tie rod (12) in the tie rod brackets (10).
- (4) Install the two bonding straps (5) with washers (8), lock washers (7), and bolts (6), to the nacelle apron (3).



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-002-A

- (1) Close the lower cowling. Refer to [AMM TASK 71-12-01-400-801-A/400](#).

NOTE: Make sure that the latches are aligned with the cowling skin.

- (2) Remove the workstand from the work area.