



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

AIR INTAKE - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual check of the air intake attachment.
- B. These procedures are applicable to the LH and RH engines.
- 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
71-60-01-200-801-A ♦	AIR INTAKE ATTACHMENT - VISUAL CHECK	ALL
71-60-01-200-802-A ♦	AIR INTAKE REAR BULKHEAD AND FIRE SHIELD - VISUAL CHECK	ALL



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TASK 71-60-01-200-801-A

EFFECTIVITY: ALL

2. AIR INTAKE ATTACHMENT - VISUAL CHECK

A. General

(1) Obey the instructions below to do a visual check on the attachment of the air intake.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
AMM TASK 71-12-01-000-802-A/400	ENGINE LOWER COWLING - REMOVAL
AMM TASK 71-12-01-400-802-A/400	ENGINE LOWER COWLING - INSTALLATION
AMM TASK 71-13-01-000-801-A/400	NACELLE APRON - REMOVAL
AMM TASK 71-13-01-400-801-A/400	APRON - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH Engine lower cowling
423		RH Engine lower cowling
412		LH Engine upper cowling
422		RH Engine upper cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the engine



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I. Preparation

SUBTASK 841-002-A

- (1) Put the workstand in the work area.
- (2) Remove the related components:
 - (a) Lower Cowling ([AMM TASK 71-12-01-000-802-A/400](#)).
 - (b) Upper Cowling ([AMM TASK 71-11-01-000-801-A/400](#)).
 - (c) Nacelle Apron ([AMM TASK 71-13-01-000-801-A/400](#)).

J. Visually Check Air Intake Attachment (Figure 601)

SUBTASK 211-002-A

- (1) Visually check the air intake attachments for cracks, distortion, corrosion and loose or missing bolts that can cause failure or loss of attachment.
- (2) Repair or replace the defective parts as necessary.

K. Follow-on

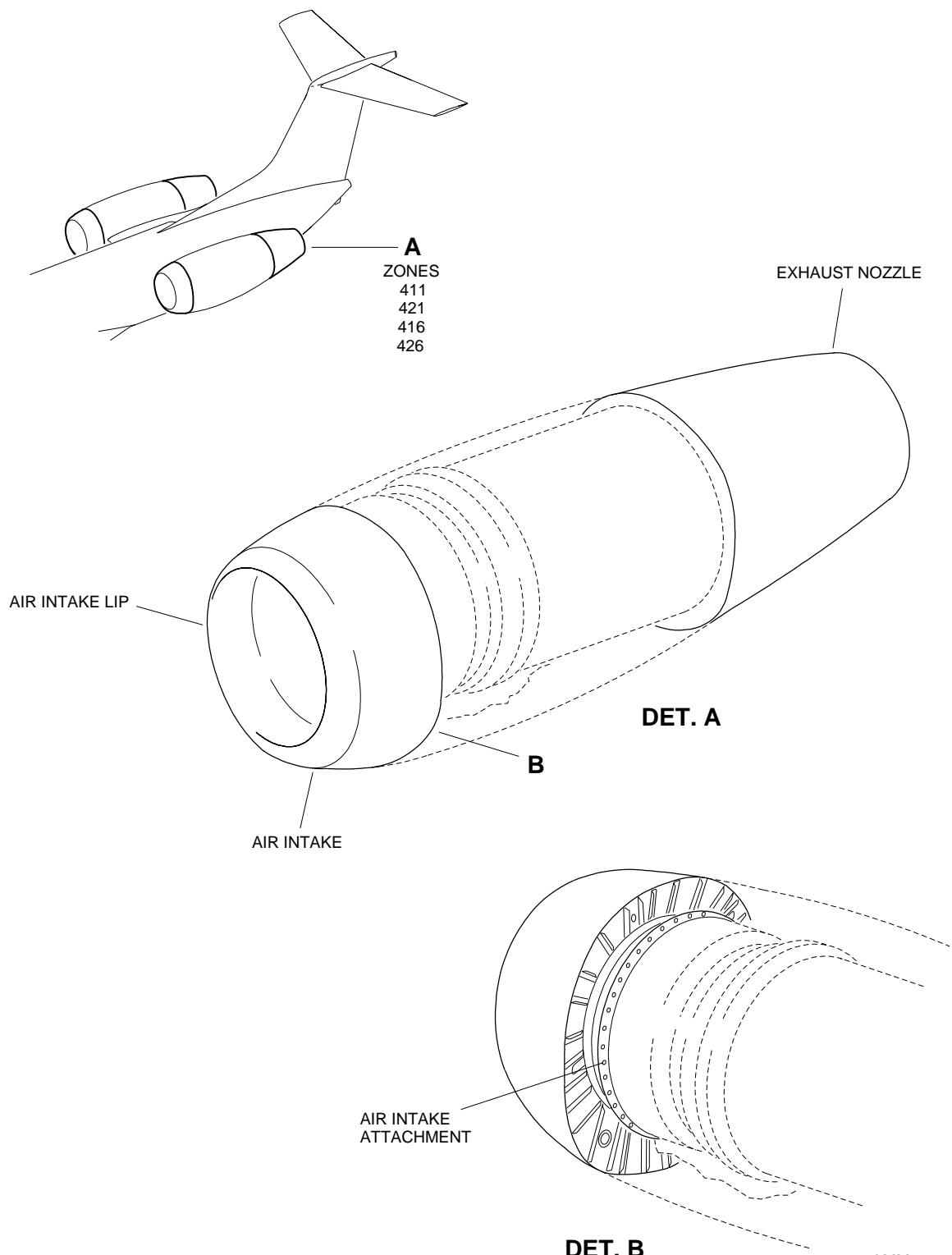
SUBTASK 842-002-A

- (1) Install the related components:
 - (a) Lower Cowling ([AMM TASK 71-12-01-400-802-A/400](#)).
 - (b) Upper Cowling ([AMM TASK 71-11-01-400-801-A/400](#)).
 - (c) Nacelle Apron ([AMM TASK 71-13-01-400-801-A/400](#)).
- (2) Remove the workstand from work area.

EFFECTIVITY: ALL

Air Intake Attachment - Visual Check

Figure 601





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TASK 71-60-01-200-802-A

EFFECTIVITY: ALL

3. AIR INTAKE REAR BULKHEAD AND FIRE SHIELD - VISUAL CHECK

A. General

- (1) Obey the instructions below to do a visual check on the air intake rear bulkhead and fire shield.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
AMM TASK 71-12-01-000-802-A/400	ENGINE LOWER COWLING - REMOVAL
AMM TASK 71-12-01-400-802-A/400	ENGINE LOWER COWLING - INSTALLATION
AMM TASK 71-13-01-000-801-A/400	NACELLE APRON - REMOVAL
AMM TASK 71-13-01-400-801-A/400	APRON - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH Engine lower cowling
423		RH Engine lower cowling
412		LH Engine upper cowling
422		RH Engine upper cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the engine



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I. Preparation

SUBTASK 841-003-A

- (1) Put the workstand in the work area.
- (2) Remove the related components:
 - (a) Lower Cowling ([AMM TASK 71-12-01-000-802-A/400](#)).
 - (b) Upper Cowling ([AMM TASK 71-11-01-000-801-A/400](#)).
 - (c) Nacelle Apron ([AMM TASK 71-13-01-000-801-A/400](#)).

J. Visually Check Air Intake Rear Bulkhead and Fire Shield (Figure 602)

SUBTASK 211-003-A

- (1) Visually check the air intake rear bulkhead and fire shield for dents, cracks, abrasions, corrosion and loose or missing fasteners that can cause failure or loss of fire protection.
- (2) Repair or replace the defective parts as necessary.

K. Follow-on

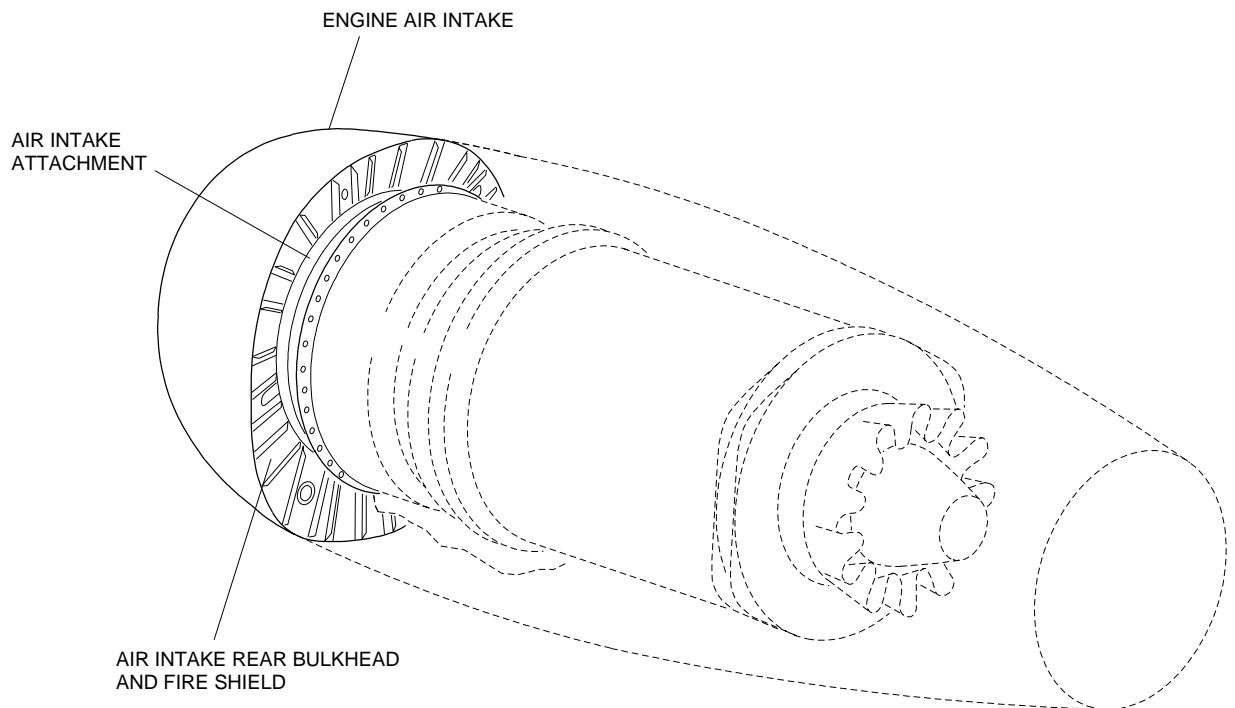
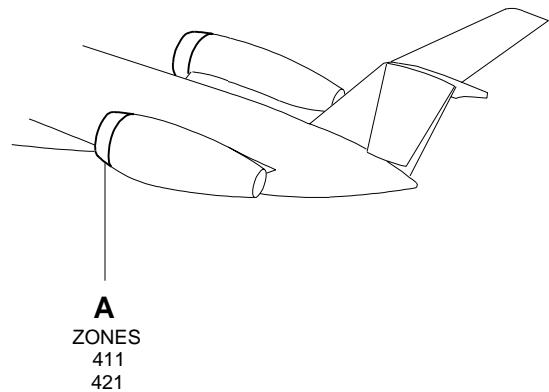
SUBTASK 842-003-A

- (1) Install the related components:
 - (a) Lower Cowling ([AMM TASK 71-12-01-400-802-A/400](#)).
 - (b) Upper Cowling ([AMM TASK 71-11-01-400-801-A/400](#)).
 - (c) Nacelle Apron ([AMM TASK 71-13-01-400-801-A/400](#)).
- (2) Remove the workstand from work area.

EFFECTIVITY: ALL

Air Intake Rear Bulkhead and Fire Shield - Visual Check

Figure 602


DET. A

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