



AIRCRAFT  
MAINTENANCE MANUAL

**INTERBULKHEAD ASSEMBLY - REMOVAL/INSTALLATION**

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the interbulkhead assembly of the Engine Thermal Anti-Icing System.
- 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
30-20-01-000-801-A	INTERBULKHEAD ASSEMBLY - REMOV- AL	ALL
30-20-01-400-801-A	INTERBULKHEAD ASSEMBLY - INSTAL- LATION	ALL



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MAINTENANCE MANUAL

TASK 30-20-01-000-801-A

EFFECTIVITY: ALL

2. INTERBULKHEAD ASSEMBLY - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the interbulkhead assembly of the Engine Thermal Anti-Icing System.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM TASK 30-21-05-000-801-A/400	ENGINE ANTI-ICING DUCT - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
411	411AT	LH Engine air-intake lip
421	421AT	RH Engine air-intake lip

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	LH or RH Engine air-intake lip

I. Preparation

SUBTASK 841-002-A

- (1) On the overhead Circuit Breaker Panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them.
- ENG AIR INLET 1 (Location Tip: DC BUS 1/ICE AND RAIN PROTECTION/ENG AIR INLET 1).
  - ENG AIR INLET 2 (Location Tip: DC BUS 2/ICE AND RAIN PROTECTION/ENG AIR INLET 2).
- (2) Remove access panel 411AT or 421AT ([AMM MPP 06-43-00/100](#)).



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AIRCRAFT  
MAINTENANCE MANUAL

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- (3) Disconnect the end of the duct of the Engine Thermal Anti-icing System from the connection at the engine air-intake lip ([AMM TASK 30-21-05-000-801-A/400](#)).

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

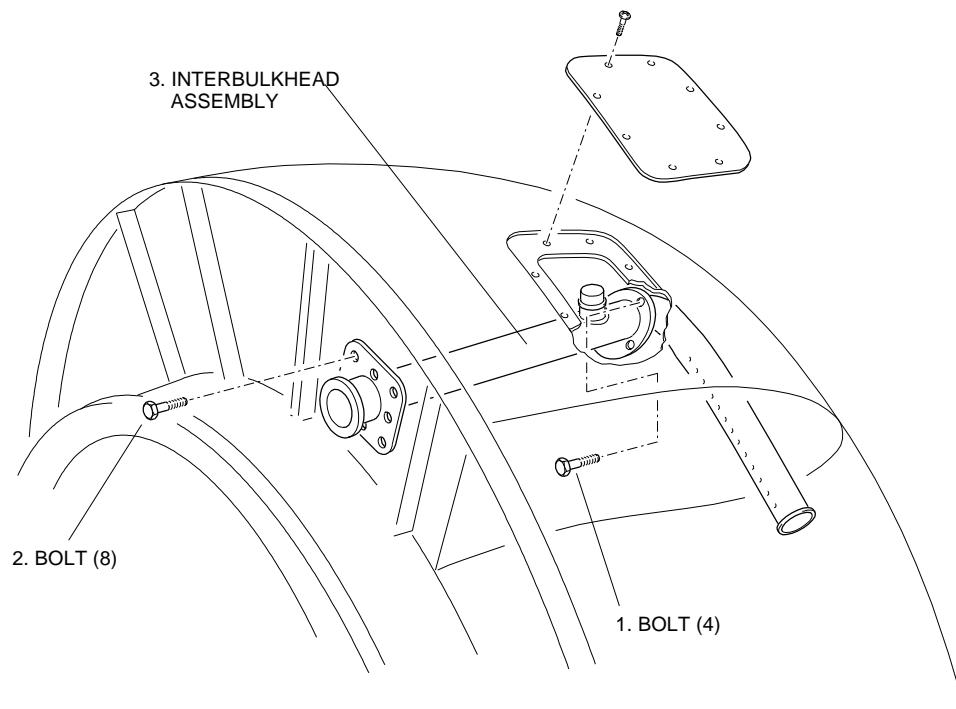
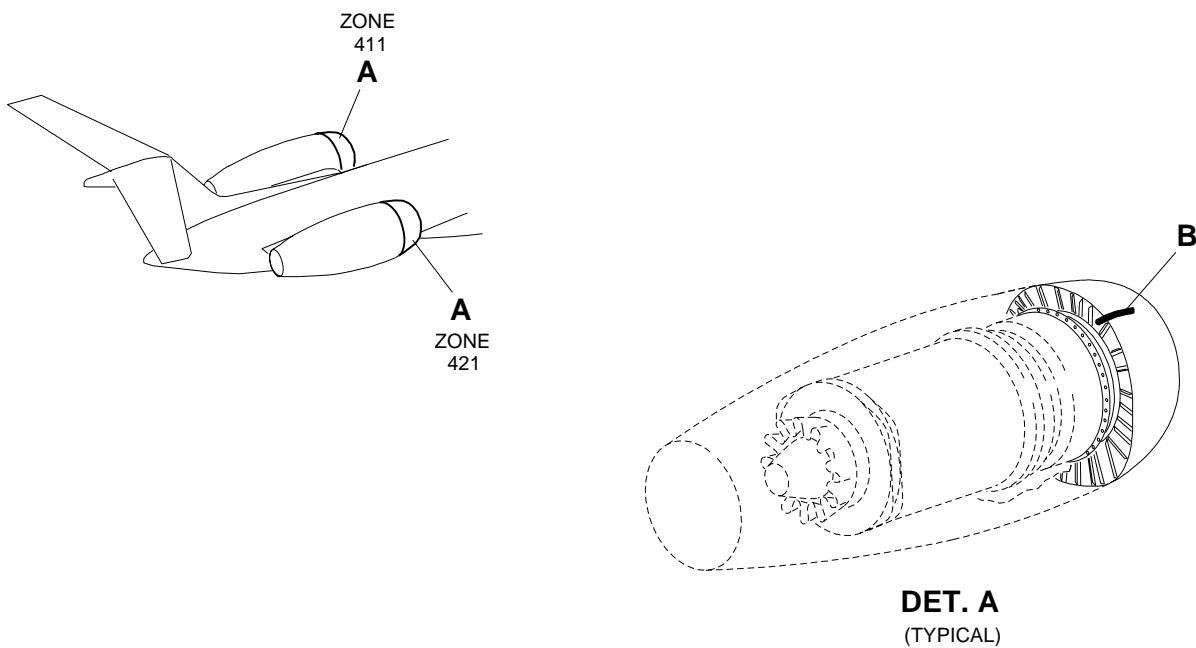
SUBTASK 020-002-A

- (1) Remove the bolts (2) (8 positions).
- (2) Remove the bolts (1) (4 positions).
- (3) Remove the interbulkhead assembly (3).

**EFFECTIVITY: ALL**

Interbulkhead Assembly - Removal/Installation

Figure 401


**DET. B**

EM145AMM300035C.DGN



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MAINTENANCE MANUAL

TASK 30-20-01-400-801-A

EFFECTIVITY: ALL

3. INTERBULKHEAD ASSEMBLY - INSTALLATION

## A. General

- (1) This procedure gives the instructions to install the interbulkhead assembly of the Engine Thermal Anti-Icing System.

## B. References

REFERENCE	DESIGNATION
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM MPP 20-30-03/200	- MAINTENANCE PRACTICES
AMM TASK 30-20-01-700-801-A/500	ENGINE THERMAL ANTI-ICING INTERBULKHEAD ASSEMBLY - FUNCTIONAL CHECK
AMM TASK 30-21-05-400-801-A/400	ENGINE ANTI-ICING DUCT - INSTALLATION

## C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
411	411AT	LH Engine air-intake lip
421	421AT	RH Engine air-intake lip

## D. Tools and Equipment

Not Applicable

## E. Auxiliary Items

Not Applicable

## F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-38249 Type 1	Sealing Compound, Firewall	AR

## G. Expandable Parts

Not Applicable

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	LH or RH Engine air-intake lip

## I. Installation (Figure 401)

## SUBTASK 420-002-A

- (1) Remove the old sealing (MIL-S-38249).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (2) Apply sealing (MIL-S-38249) to the face of the forward and rear fittings of the bulkhead assembly and put the interbulkhead assembly (3) between the bulkheads of the engine air-intake lip ([AMM MPP 20-30-03/200](#)).
- (3) Install the bolts (1) (4 positions).
- (4) Install the bolts (2) (8 positions).

J. Follow-on

SUBTASK 842-002-A

- (1) Connect the end of the duct of the Engine Thermal Anti-Icing System to the connection at the engine air-intake lip ([AMM TASK 30-21-05-400-801-A/400](#)).
- (2) On the overhead Circuit Breaker Panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them.
  - ENG AIR INLET 1: (Location Tip: DC BUS 1/ICE AND RAIN PROTECTION/ENG AIR INLET 1).
  - ENG AIR INLET 2: (Location Tip: DC BUS 2/ICE AND RAIN PROTECTION/ENG AIR INLET 2).
- (3) Examine the interbulkhead assembly connections for leaks.
- (4) Do a functional check of the Interbulkhead Assembly ([AMM TASK 30-20-01-700-801-A/500](#)).
- (5) Install access panel 411AT or 421AT ([AMM MPP 06-43-00/100](#)).