



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

AIR INTAKES - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do an inspection on the exhaust duct of the engine thermal anti-icing system.
- 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
30-20-00-200-801-A ♦	EXHAUST DUCT - INSPECTION	ALL

**TASK 30-20-00-200-801-A**
**EFFECTIVITY: ALL**
**2. EXHAUST DUCT - INSPECTION**
**A. General**

- (1) To get access to the exhaust duct you must open the lower cowling, remove the panel in the rear bulkhead, and remove the outlet grille.

**B. References**

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

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
413		LH Engine - Lower Cowling Door
423		RH Engine - Lower Cowling Door

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Mirror	To inspect the duct	
Commercially available	Flashlight	For the lighting of the region of the inspection	

**F. Consumable Materials**

Not Applicable

**G. Expandable Parts**

Not Applicable

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	RH/LH Engine

**I. Preparation**
**SUBTASK 841-002-A**

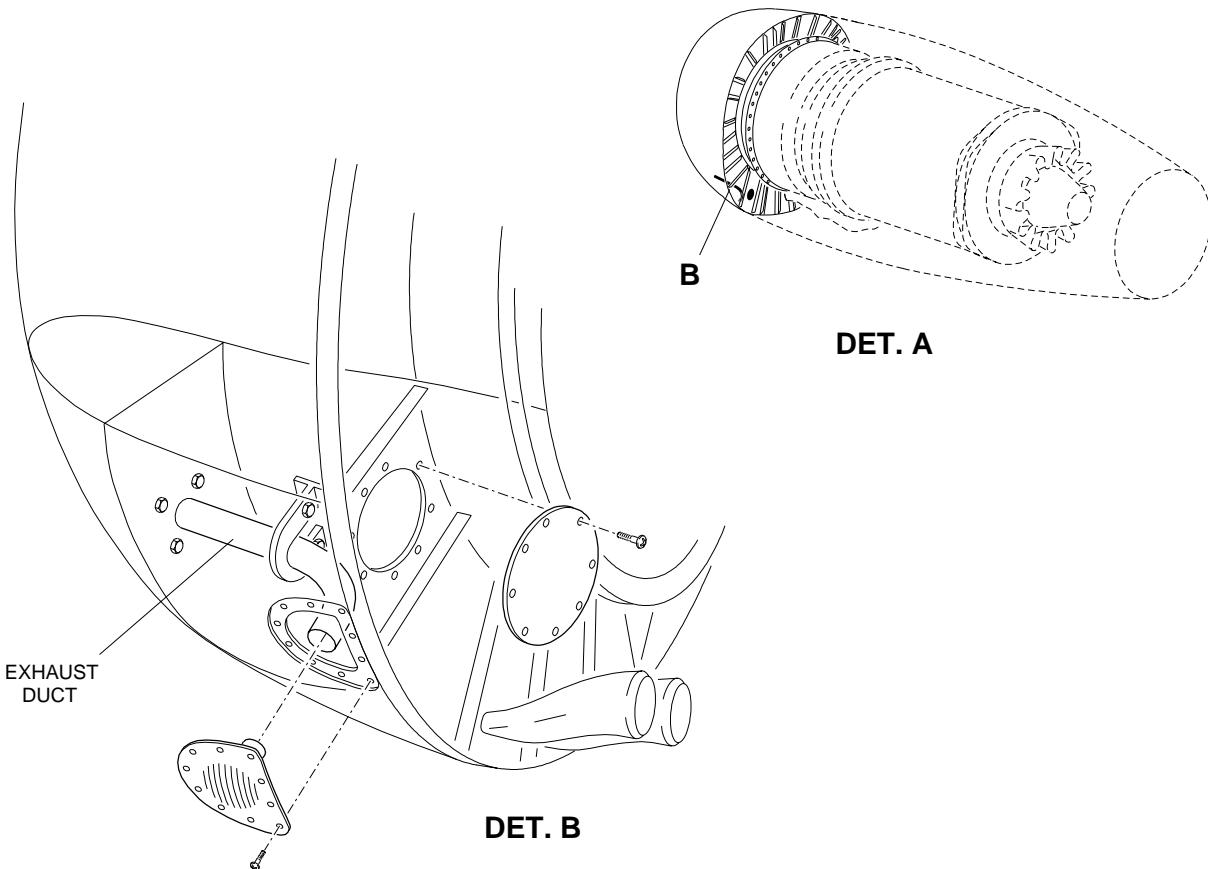
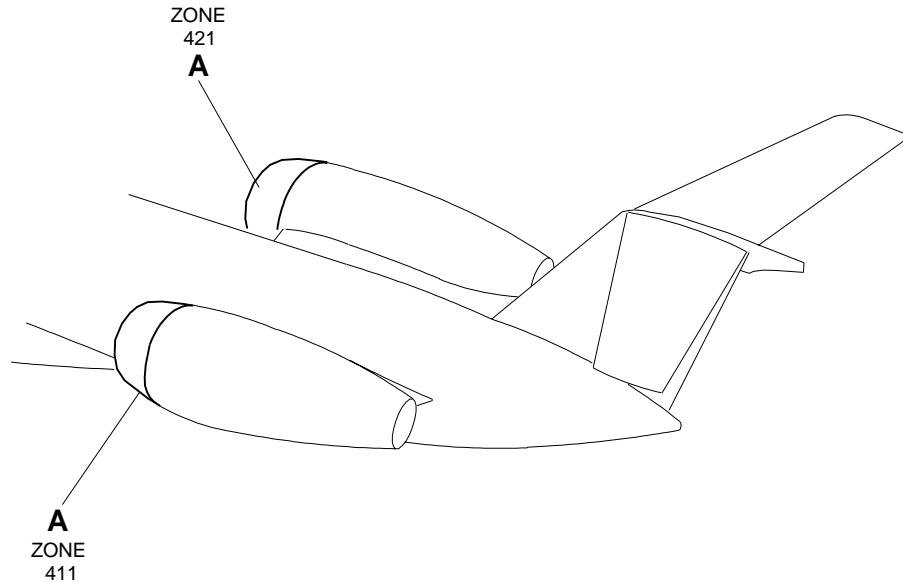
- (1) Open the lower cowling ( [AMM TASK 71-12-01-000-801-A/400](#)).
- (2) Remove the panel located at the rear bulkhead.



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- (3) Remove the outlet grille.
- J. Inspect (Detailed Inspection) Thermal Anti-Ice (TAI) Exhaust Duct for Condition and Security of Installation ([Figure 601](#))  
*SUBTASK 220-002-A*
  - (1) Examine the exhaust duct for leakage and security.
- K. Follow-on  
*SUBTASK 842-002-A*
  - (1) Install the outlet grille.
  - (2) Install the panel located at the rear bulkhead.
  - (3) Close the lower cowling ( [AMM TASK 71-12-01-400-801-A/400](#)).

**EFFECTIVITY: ALL**  
**Exhaust Duct - Location**  
**Figure 601**



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