



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**PLAIN EXHAUST ASSEMBLY - INSPECTION/CHECK**

*EFFECTIVITY: FOR AIRCRAFT WITH PLAIN EXHAUST ASSEMBLY*

1. General

- A. This section gives the procedures to do an inspection on the Plain Exhaust Assembly.
- 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
78-10-01-200-801-A ♦	PLAIN EXHAUST ASSY - VISUAL INSPEC- TION	FOR AIRCRAFT WITH PLAIN EXHAUST AS- SEMBLY



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TASK 78-10-01-200-801-A

EFFECTIVITY: FOR AIRCRAFT WITH PLAIN EXHAUST ASSEMBLY

2. PLAIN EXHAUST ASSY - VISUAL INSPECTION

A. General

- (1) This task gives the procedures to do a visual inspection on the plain exhaust assembly for general condition and to find damage or failure.

Typical damage to the plain exhaust assembly is the result of ground collisions or surface erosion.

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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
412		LH Engine Upper Cowling
422		RH Engine Upper Cowling
413		LH Engine Lower Cowling
423		RH Engine Lower Cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the plain exhaust assy	1
Commercially available	Flashlight	For the plain exhaust assy lighting	1
Commercially available	Inspection mirror	To examine the plain exhaust assy	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Plain exhaust assembly



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I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Put the workstand in the work location.
- (3) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)).

J. Inspection of Plain Exhaust Assembly ([Figure 601](#))

SUBTASK 212-002-A

**WARNING:** DO NOT TOUCH THE PLAIN EXHAUST ASSEMBLY AND ENGINE COMPONENTS UNTIL THEY ARE COOL. THE TEMPERATURE CAN STAY HOT FOR A LONG TIME AFTER THE ENGINE STOPS.

- (1) Do a general visual inspection on the plain exhaust assembly (internal and external skin) as follows:
  - (a) Do a visual check on the mounting flange for cracks, abrasions, and loose bolts.
  - (b) Do a visual check on the fire shield blanket for cuts, abrasions, and damage to the wirelocking of the fasteners.
  - (c) Do a visual check on the Teflon rub strip for protruded rivet heads, pulled fasteners, and loss of protection between the cowling doors and the plain exhaust nozzle.
  - (d) Do a visual check on the external skin (the firewall included) for indentations, cracks, cuts, loose fasteners, and general abrasion.
  - (e) Do a visual check on the internal skin for cuts, loose fasteners, abrasion, and cracks.

K. Follow-on

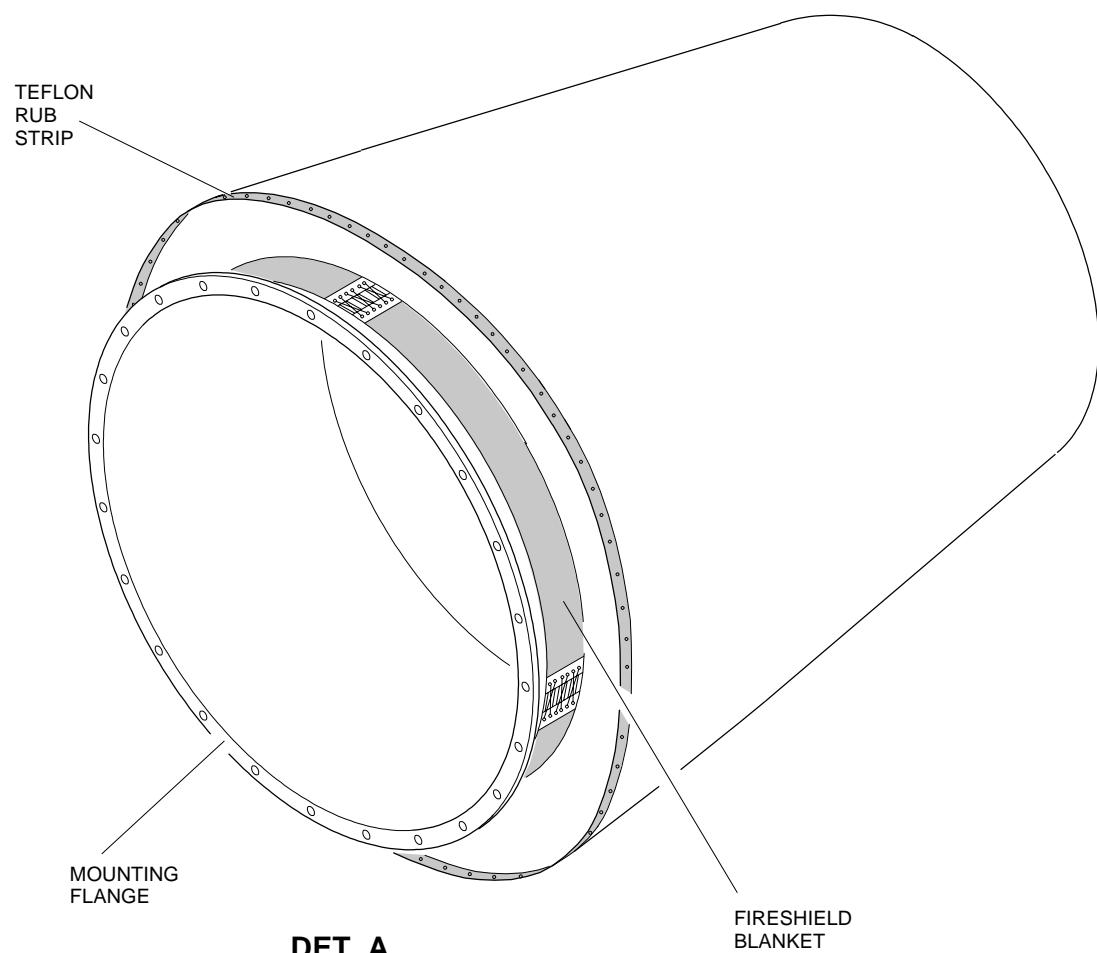
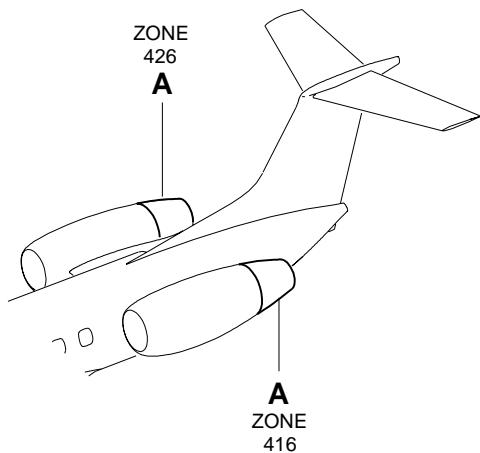
SUBTASK 842-002-A

- (1) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)).
- (2) Remove the workstand from the work location.

**EFFECTIVITY: FOR AIRCRAFT WITH PLAIN EXHAUST ASSEMBLY**

Plain Exhaust Assembly - Component Locations

Figure 601



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