



# AIRCRAFT MAINTENANCE MANUAL

## ENGINE MOUNTS - INSPECTION/CHECK

EFFECTIVITY: ALL

### 1. General

- A. This section gives the procedures to do the inspection of the engine mounts.
- 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
71-20-00-200-801-A ♦	ENGINE ELASTOMERIC MOUNTS - DETAILED INSPECTION	ALL
71-20-00-200-802-A	ENGINE MOUNTS ASSEMBLY - VISUAL INSPECTION	ALL



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TASK 71-20-00-200-801-A

EFFECTIVITY: ALL

## 2. ENGINE ELASTOMERIC MOUNTS - DETAILED INSPECTION

### A. General

(1) This task gives the procedures to do a detailed visual inspection of the engine mounts.

### B. References

REFERENCE	DESIGNATION
AMM MPP 20-10-02/200	- MAINTENANCE PRACTICES
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM MPP 71-20-00/400	- REMOVAL/INSTALLATION
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 71-20-00-000-801-A/400	ENGINE MOUNTS - REMOVAL

### 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 engine mounts	1

### F. Consumable Materials

Not Applicable

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine



I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 71-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO THE MATERIAL.**

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them.
  - START 1/2.
- (2) Put the workstand in the work area.
- (3) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)) to get access to the engine mounts.

J. Detailed Inspection of the Engine Elastomeric Mounts (Figure 601)

SUBTASK 220-002-A

- (1) Tighten or replace the lockwires, if applicable. Refer to [AMM MPP 71-20-00/400](#) and [AMM MPP 20-10-02/200](#).
- (2) Do a detailed visual inspection of the engine elastomeric mounts and make sure that:
  - Metal-to-rubber bond separation or flex cracks of all elastomer-bonded components are less than 2.54 mm (0.1 in) long.
  - Parts show no signs of leakage (2 ml or more of total volume) of a thin, blue fluid.
  - The assembly has no broken components, cracks, too much nicks, gouges, or scratches in all metal parts.
- (3) If the mounts fail to meet the conditions specified in the steps above, remove the mounting assembly ([AMM TASK 71-20-00-000-801-A/400](#)) and its bolts, and do an inspection according to the latest revision of Lord CMM 71-20-30.

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.
- (3) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - START 1/2.



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TASK 71-20-00-200-802-A

EFFECTIVITY: ALL

3. ENGINE MOUNTS ASSEMBLY - VISUAL INSPECTION

A. General

- (1) This task gives the procedures to do the visual inspection of the engine mounts (engine attachment function).

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
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 engine mounts	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine



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I. Preparation

SUBTASK 841-003-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 71-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO THE MATERIAL.**

- (1) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them.
  - START 1/2.
- (2) Put the workstand in the work area.
- (3) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)) to get access to the engine mounts.

J. General Visual Inspection of the Engine Mounts ([Figure 601](#))

SUBTASK 212-002-A

- (1) Do a visual inspection of the engine mounts for general condition and security.

K. Follow-on

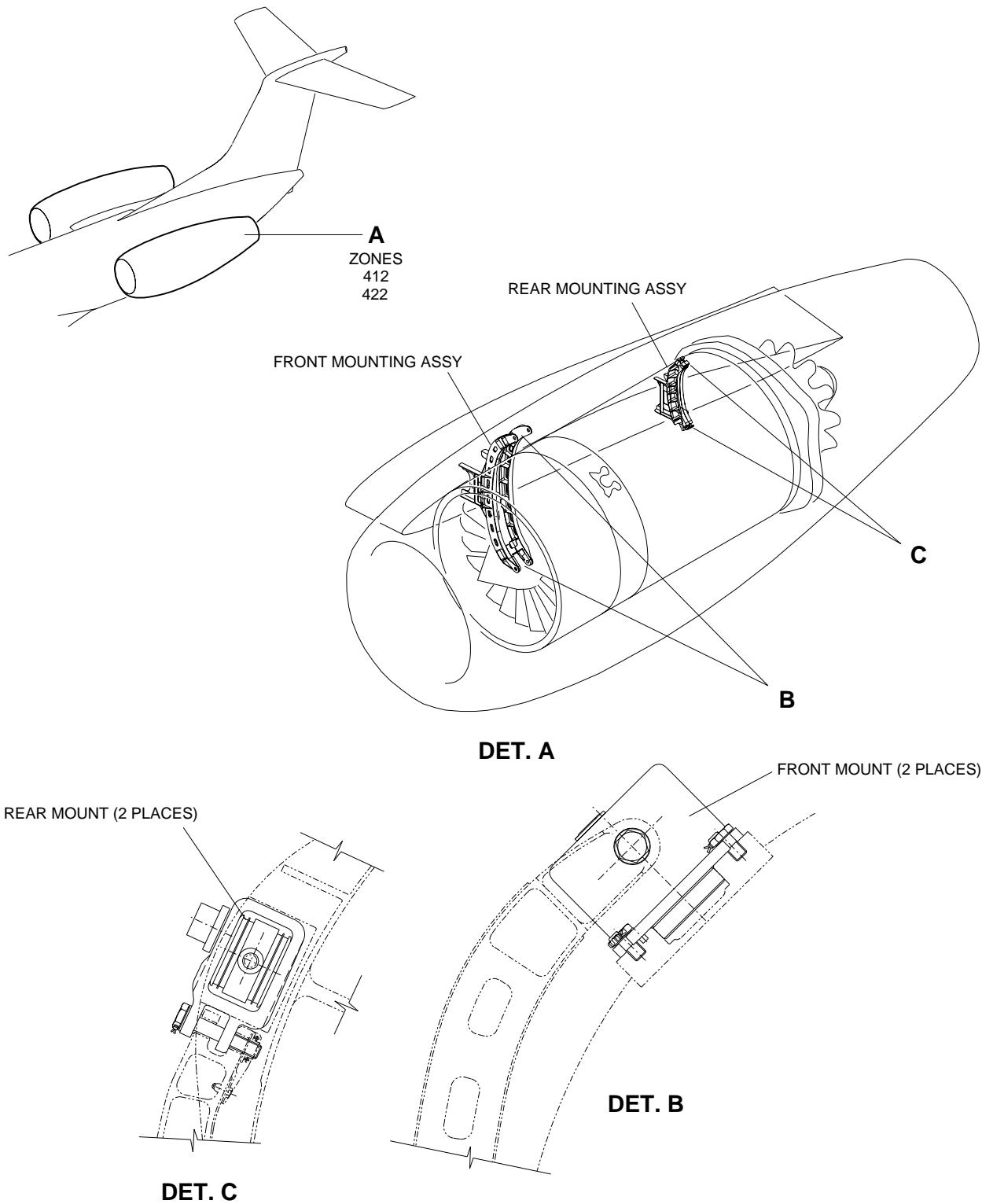
SUBTASK 842-003-A

- (1) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)).
- (2) Remove the workstand.
- (3) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - START 1/2.

**EFFECTIVITY: ALL**

Engine Mount Inspection - Component Locations

Figure 601



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