



AIRCRAFT  
MAINTENANCE MANUAL

**ENGINE DISCHARGE PIPING - REMOVAL/INSTALLATION**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove/install the engine fire-extinguishing tubing.
- 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
26-21-06-000-801-A	ENGINE FIRE-EXTINGUISHING TUBING - ALL REMOVAL	
26-21-06-400-801-A	ENGINE FIRE-EXTINGUISHING TUBING - ALL INSTALLATION	



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TASK 26-21-06-000-801-A

EFFECTIVITY: ALL

2. ENGINE FIRE-EXTINGUISHING TUBING - REMOVAL

A. General

- (1) These procedures are applicable to the LH and RH engines.

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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
412	Upper cowling	LH engine
422	Upper cowling	RH engine

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	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 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.

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

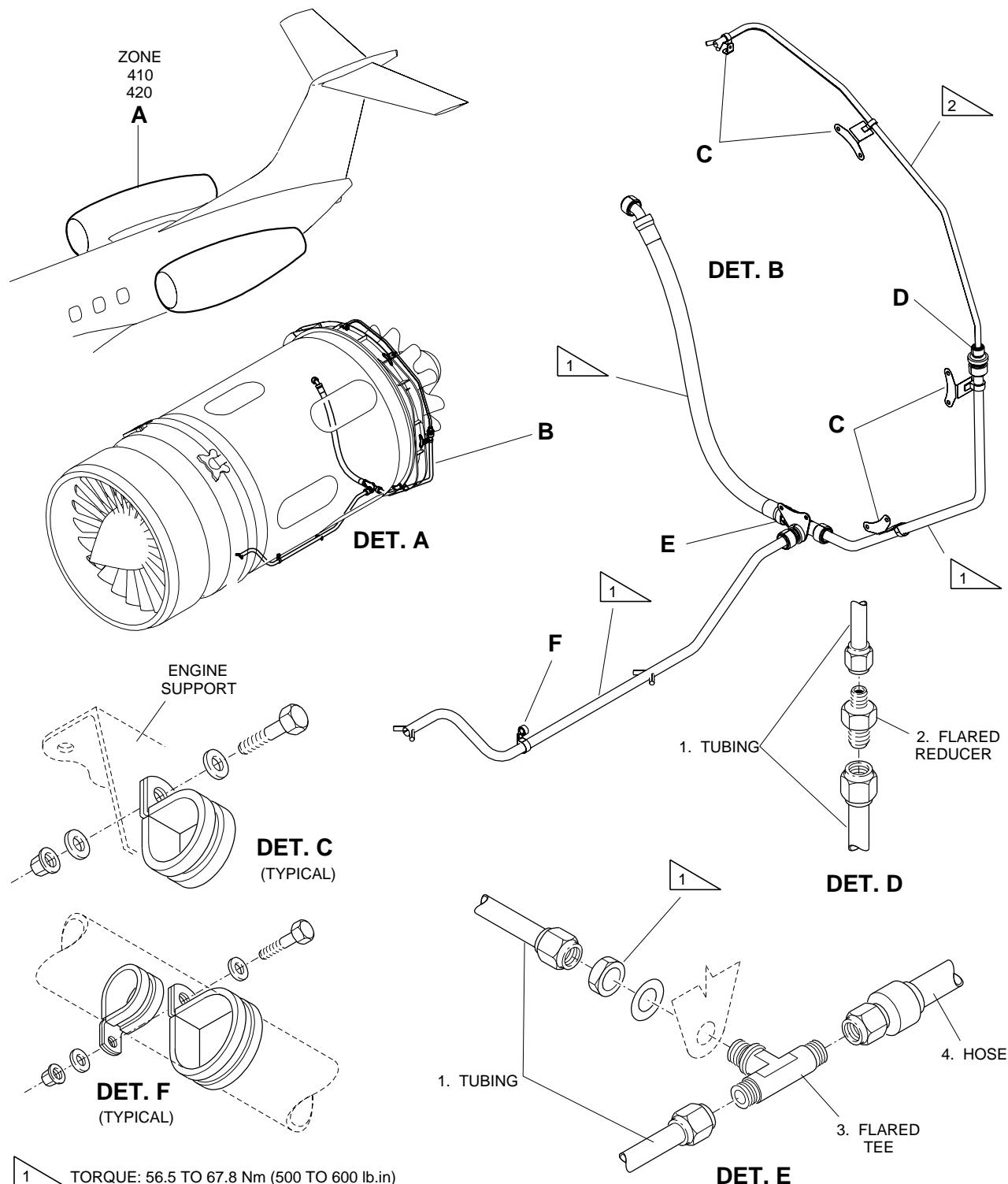
SUBTASK 020-002-A

- (1) Remove the bolts, washers and nuts which attach the fire extinguishing tubing to the engine supports.
- (2) Remove the tubing (1) from the flared reducer (2).
- (3) Remove the hose (4) and the tubing (1) from the flared tee (3).
- (4) Remove the engine fire-extinguishing tubing from the engine.
- (5) Install protection caps to the disconnected points.

**EFFECTIVITY: ALL**

Engine Fire-Extinguishing Tubing - Removal/Installation

Figure 401



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TASK 26-21-06-400-801-A

EFFECTIVITY: ALL

3. ENGINE FIRE-EXTINGUISHING TUBING - INSTALLATION

## A. General

- (1) These procedures are applicable to the LH and RH engines.

## B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION

## C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
412	Upper cowling	LH engine
422	Upper cowling	RH engine

## 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	Engine

## I. Installation (Figure 401)

SUBTASK 420-002-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 MATERIAL.**

- (1) Before you install the engine fire-extinguishing tubing, make sure that the tubing assembly is clean.
- (2) Remove the protection caps from the disconnected points, if applicable.



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- (3) Install the tubing (1) from the flared reducer (2).
- (4) Install the hose (4) and the tubing (1) from the flared tee (3).
- (5) Install the bolts, washers and nuts which attach the fire extinguishing tubing to the engine supports.
- (6) Tighten the bolts, nuts and hose.

J. 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 the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - START 1/2.