



## AIRCRAFT MAINTENANCE MANUAL

### FIRESHIELD BLANKET - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to remove and install the engine exhaust fireshield blanket.
- B. These procedures are applicable to the LH and RH exhaust ducts.
- 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
78-00-01-000-801-A	ENGINE EXHAUST FIRESHIELD BLANKET - REMOVAL	ALL
78-00-01-400-801-A	ENGINE EXHAUST FIRESHIELD BLANKET - INSTALLATION	ALL



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 78-00-01-000-801-A

EFFECTIVITY: ALL

2. ENGINE EXHAUST FIRESHIELD BLANKET - REMOVAL

A. General

- (1) Obey the instructions below to remove the engine exhaust fireshield blanket.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-12-01-000-802-A/400	ENGINE LOWER COWLING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
416	LH Exhaust Duct	Engine nacelle
426	RH Exhaust Duct	Engine nacelle

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine nacelle	

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	Engine exhaust duct

I. Preparation

SUBTASK 841-002-A

**WARNING: DO NOT APPLY HYDRAULIC POWER TO THE AIRCRAFT, AND DO NOT OPERATE THE THRUST REVERSER WHILE THE MAINTENANCE PERSONS ARE AT WORK.**

- (1) For aircraft with thrust reverser installed only:

- (a) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:

- THRUST REVERSER 1/2.
- HYD. ELEC. PUMP 1/2.

(b) Put a sign on the instrument panel, in the cockpit, with this warning: "DO-NOT-OPERATE-THE-THRUST-REVERSERS".

(2) Put the workstand under the engine exhaust.

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

(3) Remove the lower cowling ([AMM TASK 71-12-01-000-802-A/400](#)).

(4) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)).

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

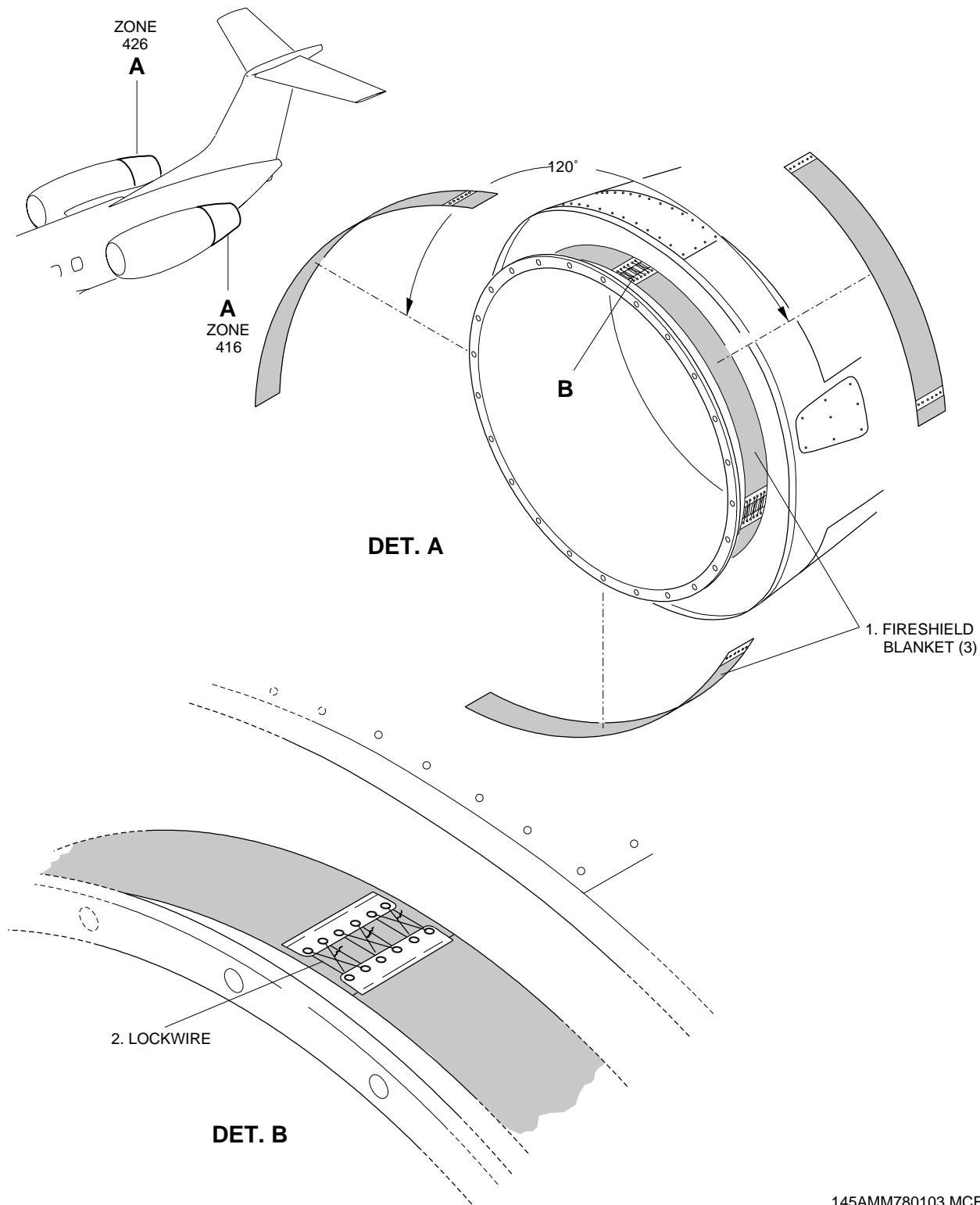
SUBTASK 020-002-A

- (1) Remove the lockwire (2).
- (2) Remove the fireshield blanket (1) from the nacelle.

**EFFECTIVITY: ALL**

Engine Exhaust Fireshield Blanket - Removal/Installation

Figure 401



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**TASK 78-00-01-400-801-A**
**EFFECTIVITY: ALL**
**3. ENGINE EXHAUST FIRESHIELD BLANKET - INSTALLATION**
**A. General**

- (1) Obey the instructions below to install the engine exhaust fireshield blanket.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
AMM TASK 71-12-01-400-802-A/400	ENGINE LOWER COWLING - INSTALLATION

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
416	LH Exhaust Duct	Engine nacelle
426	RH Exhaust Duct	Engine nacelle

**D. Tools and Equipment**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Workstand	To get access to the engine nacelle	

**E. Auxiliary Items**

Not Applicable

**F. Consumable Materials**

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MS 20995-C32	Lockwire	AR

**G. Expandable Parts**

Not Applicable

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Engine exhaust duct

**I. Preparation**

**SUBTASK 841-003-A**

**WARNING: DO NOT APPLY HYDRAULIC POWER TO THE AIRCRAFT, AND DO NOT OPERATE THE THRUST REVERSER WHILE THE MAINTENANCE PERSONS ARE AT WORK.**

- (1) For aircraft with thrust reverser installed only:
  - (a) Make sure that, on the circuit breaker panel, the circuit breakers below are open and tagged:
    - THRUST REVERSER 1/2.
    - HYD. ELEC. PUMP 1/2.

**J. Installation (Figure 401)**

**SUBTASK 420-002-A**

- (1) Start installation from a safe point, away from all connectors and fittings.
- (2) Install the fireshield blanket (1) around nacelle. Make sure that the blanket is overlaid at the joints.
- (3) Lockwire (2) the blanket sections. Make sure that the fitting is secure.
- (4) Do a visual inspection and check fireshield blanket for continuity.

**K. Follow-on**

**SUBTASK 842-002-A**

- (1) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)).
- (2) Install the lower cowling ([AMM TASK 71-12-01-400-802-A/400](#)).
- (3) For aircraft with thrust reverser installed only:
  - (a) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
    - THRUST REVERSER 1/2.
    - HYD. ELEC. PUMP 1/2.
  - (b) Remove the sign on the instrument panel, in the cockpit, with this warning: "DO-NOT-OPERATE-THE-THRUST-REVERSERS".
- (4) Remove the workstand from the work area.