



AIRCRAFT
MAINTENANCE MANUAL

THRUST-REVERSER DOOR PRIMARY-LOCK ACTUATOR - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to manually unlock the engine thrust-reverser door primary lock actuator.
- B. These procedures are applicable to the LH and RH thrust reversers, and to the upper and lower doors.
- 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 |
|--------------------|--|-------------|
| 78-32-02-980-801-A | ENGINE THRUST-REVERSER DOOR PRIMARY LOCK ACTUATOR - UNLOCK PROCEDURE | ALL |



EMB145 – EMB135

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MAINTENANCE MANUAL

TASK 78-32-02-980-801-A

EFFECTIVITY: ALL

2. ENGINE THRUST-REVERSER DOOR PRIMARY LOCK ACTUATOR - UNLOCK PROCEDURE

A. General

- (1) Obey the instructions below to manually unlock the engine thrust-reverser door primary lock actuator.

B. References

| REFERENCE | DESIGNATION |
|---------------------------------|---|
| AMM MPP 06-43-00/100 | - COMPONENT LOCATION |
| AMM MPP 78-30-00/200 | - MAINTENANCE PRACTICES |
| AMM TASK 78-31-01-980-801-A/200 | LOCK/UNLOCK THE TR EXHAUST DOOR - STOWED POSITION |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|-------------|--------------------|
| 416 | 416QL/416PR | LH Thrust Reverser |
| 426 | 426QL/426PR | RH Thrust Reverser |

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 | Thrust reverser |



I. Preparation

SUBTASK 841-002-A

WARNING: • REFER TO THE GROUND SAFETY PRECAUTIONS GIVEN IN [AMM MPP 78-30-00/200](#) WHEN YOU DO THE THRUST REVERSER MAINTENANCE PROCEDURES.

- MAKE SURE THAT THE THRUST REVERSERS ARE DEENERGIZED. ENERGIZED CIRCUITS CAN CAUSE INJURY TO PERSONS.
- MAKE SURE THAT THE HYDRAULIC TEST STAND IS NOT CONNECTED.

- (1) 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.
- (2) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
- (3) Put the workstand under the engine thrust reverser.
- (4) Lock the thrust-reverser exhaust door (stowed position) ([AMM TASK 78-31-01-980-801-A/200](#)).
- (5) Remove access panels 416QL, 416PR, 426QL, or 426PR ([AMM MPP 06-43-00/100](#)), as applicable, to get access to the thrust-reverser door primary lock actuator.

J. Unlocking Procedure ([Figure 201](#))

SUBTASK 980-002-A

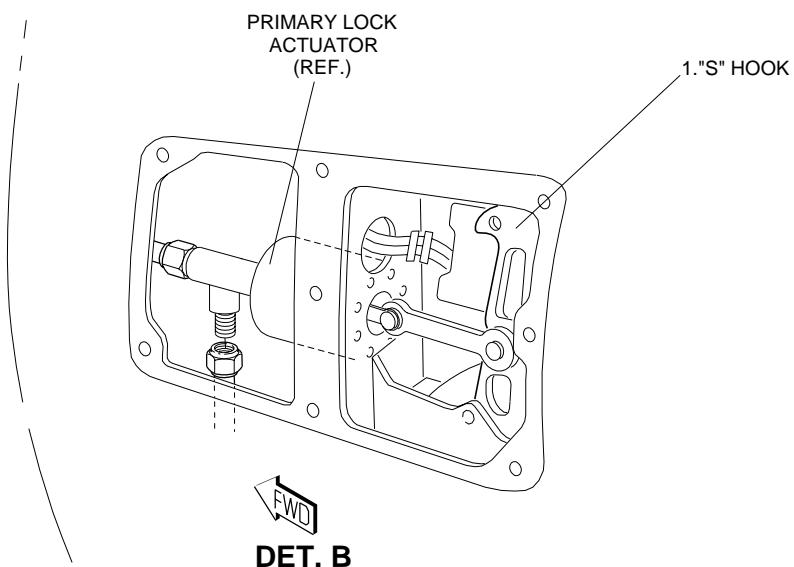
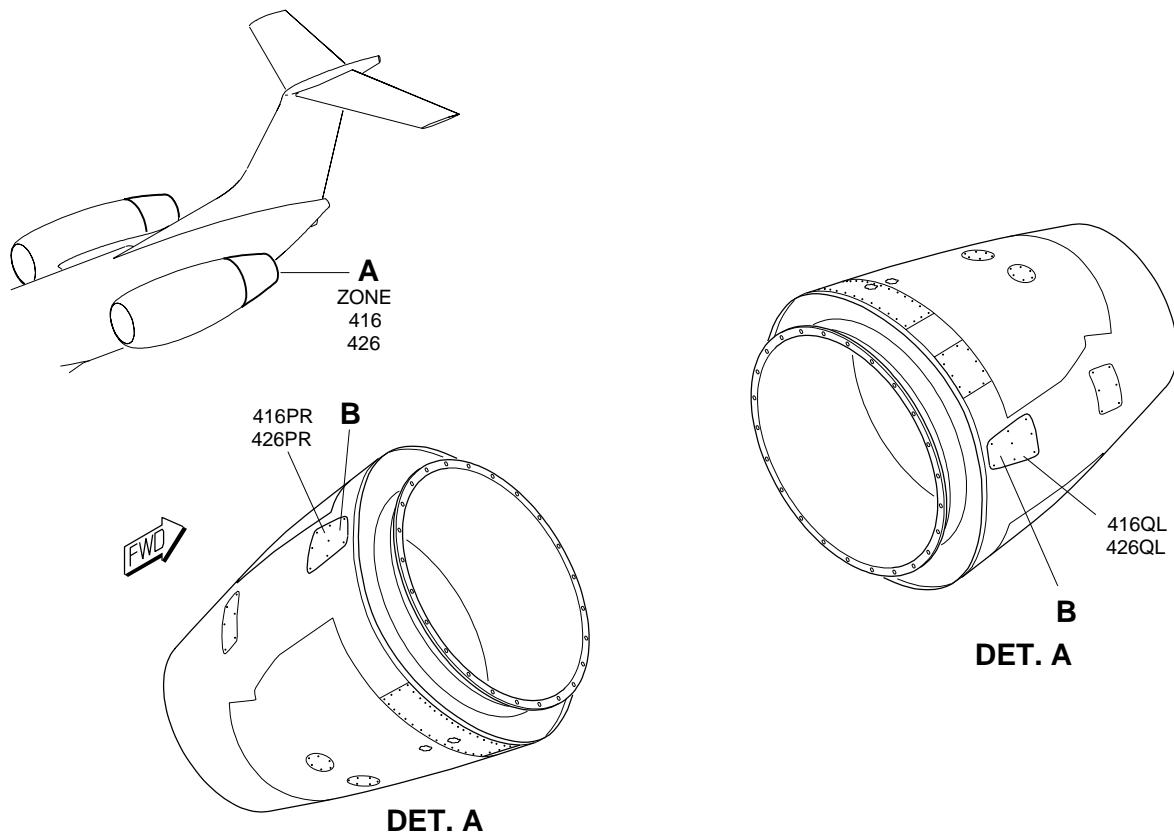
WARNING: DO NOT APPLY HYDRAULIC POWER TO THE AIRCRAFT, AND DO NOT OPERATE THE THRUST REVERSER WHILE THE MAINTENANCE PERSONS ARE AT WORK.

- (1) Tighten the inhibition bolt ([AMM TASK 78-31-01-980-801-A/200](#)) until you have the door overstop position.
- (2) Unload the primary door lock hook (1).
- (3) Remove the inhibition bolt and open the thrust-reverser door.

EFFECTIVITY: ALL

Engine Thrust-Reverser Door Primary Lock Actuator - Unlock Procedure

Figure 201



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