



AIRCRAFT
MAINTENANCE MANUAL

THRUST-REVERSER DOOR TERTIARY-LOCK ACTUATOR - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to manually release the tertiary lock of the engine thrust-reverser actuators.
- B. These procedures are applicable to the LH and RH thrust-reversers.
- 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
78-32-05-980-801-A	ENGINE THRUST-REVERSER ACTUATOR (TERTIARY LOCK) - MANUAL OPERATION	ALL



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TASK 78-32-05-980-801-A

EFFECTIVITY: ALL

2. ENGINE THRUST-REVERSER ACTUATOR (TERTIARY LOCK) - MANUAL OPERATION

A. General

- (1) Obey the instructions below to manually operate the engine thrust-reverser actuator (tertiary lock).

B. References

REFERENCE	DESIGNATION
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM MPP 78-30-00/200	- MAINTENANCE PRACTICES
AMM TASK 78-31-01-700-801-A/500	THRUST REVERSER - OPERATIONAL CHECK
AMM TASK 78-33-01-980-801-A/200	ISOLATION CONTROL UNIT - INHIBITION PROCEDURES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
225	225DTC	Cockpit
416	416HT/416BB	LH Thrust Reverser
426	426HT/426BB	RH Thrust Reverser

D. Tools and Equipment

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

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.

CAUTION: MAKE SURE THAT ALL THE HYDRAULIC LINES ARE CONNECTED NOT TO PERMIT THE HYDRAULIC OIL TO FALL OUT.

- (1) Manually operate the ICU to prevent the operation of the thrust reverser ([AMM TASK 78-33-01-980-801-A/200](#)).
- (2) 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.
- (3) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
- (4) Put the workstand under the engine thrust reverser.
- (5) Open access panels 416HT/416BB/426HT/426BB ([AMM MPP 06-43-00/100](#)) to get access to the tertiary lock device on the tertiary actuator head.

J. Manual Operation ([Figure 201](#))

SUBTASK 980-002-A

WARNING: • **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) To manually release the tertiary lock, with a standard tool, turn the manual unlock screw driver slot, to disengage the tertiary lock.

NOTE: This manual release mechanism is spring-loaded and will automatically engage again when the door closes.

K. Follow-on

SUBTASK 842-002-A

- (1) Install access panels 416HT/416BB/426HT/426BB ([AMM MPP 06-43-00/100](#)).
- (2) 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.
- (3) Remove the DO-NOT-OPERATE-THE-THRUST-REVERSERS sign from the instrument panel, in the cockpit.



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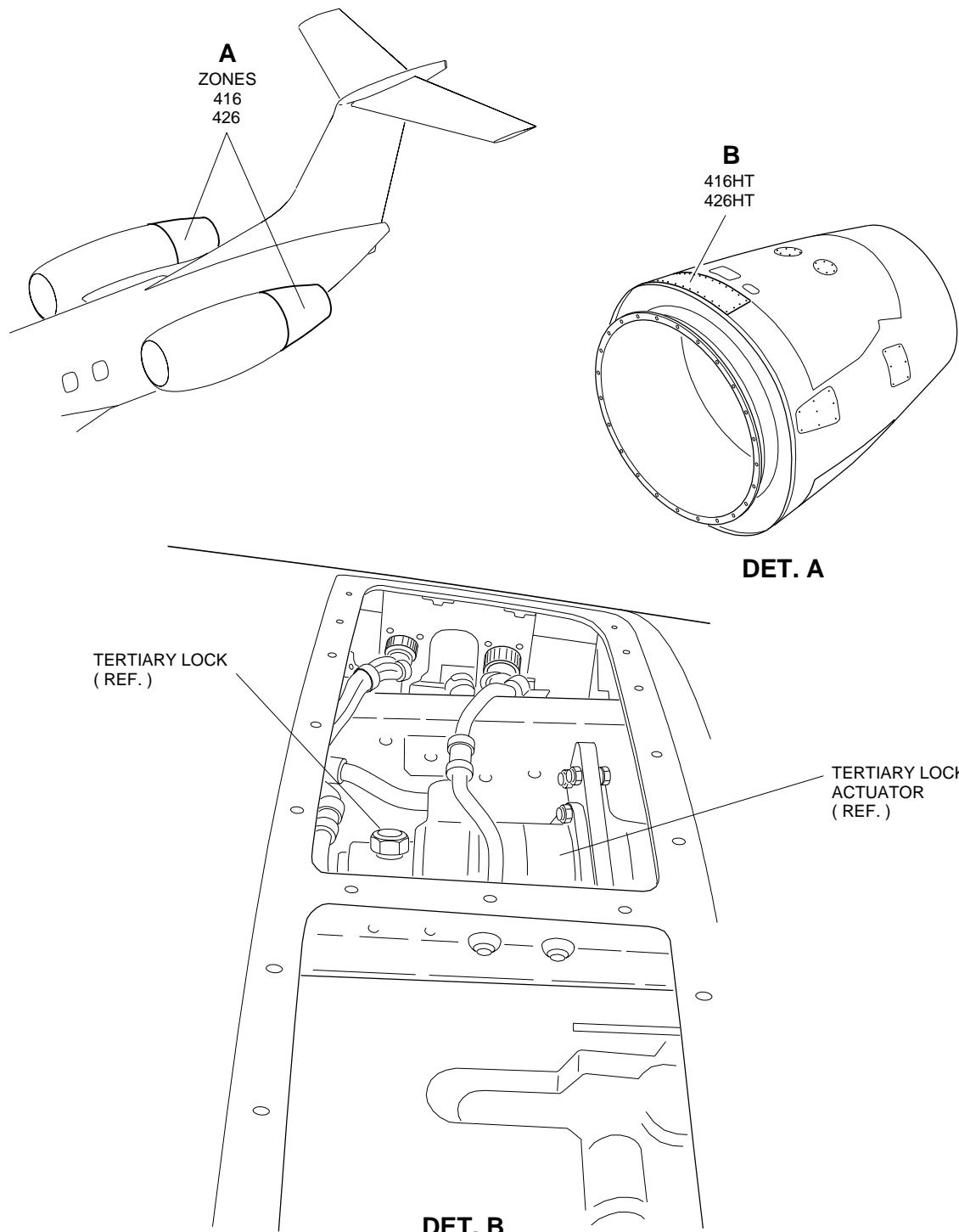
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- (4) Remove the workstand from the work area.
- (5) Manually operate the ICU to put the thrust reverser back to the serviceable condition ([AMM TASK 78-33-01-980-801-A/200](#)).
- (6) Do the engine thrust reverser operational check ([AMM TASK 78-31-01-700-801-A/500](#)).

EFFECTIVITY: ALL

Engine Thrust-Reverser Actuator (Tertiary Lock) - Component Location

Figure 201



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