

DEPLOY MICROSWITCH STRIKER - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the inspection on the thrust-reverser deploy microswitch strikers.
- B. These procedures are applicable to the upper and lower strikers and 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
78-34-03-200-801-A	THRUST-REVERSER DEPLOY MICRO-SWITCH STRIKER - INSPECTION/CHECK	ALL

TASK 78-34-03-200-801-A

EFFECTIVITY: ALL

2. THRUST-REVERSER DEPLOY MICROSWITCH STRIKER - INSPECTION/CHECK

A. General

- (1) Obey these instructions to do the inspection on the thrust-reverser deploy microswitch strikers.

B. References

REFERENCE	DESIGNATION
AMM MPP 78-30-00/200	- MAINTENANCE PRACTICES
AMM TASK 78-31-02-000-801-A/400	THRUST-REVERSER UPPER DOOR - REMOVAL
AMM TASK 78-31-02-400-801-A/400	THRUST-REVERSER UPPER DOOR - INSTALLATION
AMM TASK 78-31-03-000-801-A/400	THRUST-REVERSER LOWER DOOR - REMOVAL
AMM TASK 78-31-03-400-801-A/400	THRUST-REVERSER LOWER DOOR - INSTALLATION
AMM TASK 78-33-01-980-801-A/200	ISOLATION CONTROL UNIT - INHIBITION PROCEDURES
AMM TASK 78-34-02-000-801-A/400	ENGINE THRUST-REVERSER MICROSWITCH (DEPLOY) - REMOVAL
AMM TASK 78-34-02-400-801-A/400	ENGINE THRUST-REVERSER MICROSWITCH (DEPLOY) - INSTALLATION
AMM TASK 78-34-03-000-801-A/400	DEPLOY MICROSWITCH STRIKER - REMOVAL
AMM TASK 78-34-03-400-801-A/400	DEPLOY MICROSWITCH STRIKER - INSTALLATION
SB145-78-0032	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine nacelle	
Commercially available	Caliper	To measure the wear of the striker	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Examines the strikers	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.

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

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Put the workstand under the engine thrust reverser.
- (3) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
 - THRUST REVERSER 1/2.
 - HYD. ELEC. PUMP 1/2.
- (4) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
- (5) Inhibit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).

J. Inspection/Check ([Figure 601](#)) ([Figure 602](#))

SUBTASK 211-002-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 PRE-MOD [SB145-78-0032](#)) Do an inspection on the thrust-reverser deploy microswitch strikers as follows:
 - (a) Remove the upper and lower deploy microswitches ([AMM TASK 78-34-02-000-801-A/400](#)).
 - (b) Remove the upper door ([AMM TASK 78-31-02-000-801-A/400](#)) and lower door ([AMM TASK 78-31-03-000-801-A/400](#)).
 - (c) Use a caliper to make sure that the striker is within the wear limits. The striker wear must be less than or equal to 0.7 mm (0.028") deep. Refer to DET. D of [Figure 601](#).

- (2) (For Aircraft POST-MOD [SB145-78-0032](#)) Do an inspection on the thrust-reverser deploy microswitch strikers as follows:
 - (a) Remove the microswitch strikers ([AMM TASK 78-34-03-000-801-A/400](#)).
 - (b) Use a caliper to make sure that the striker is within the wear limits. The striker wear must be less than or equal to 0.7 mm (0.028") deep. Refer to DET. C of [Figure 602](#).

K. Follow-on

SUBTASK 842-002-A

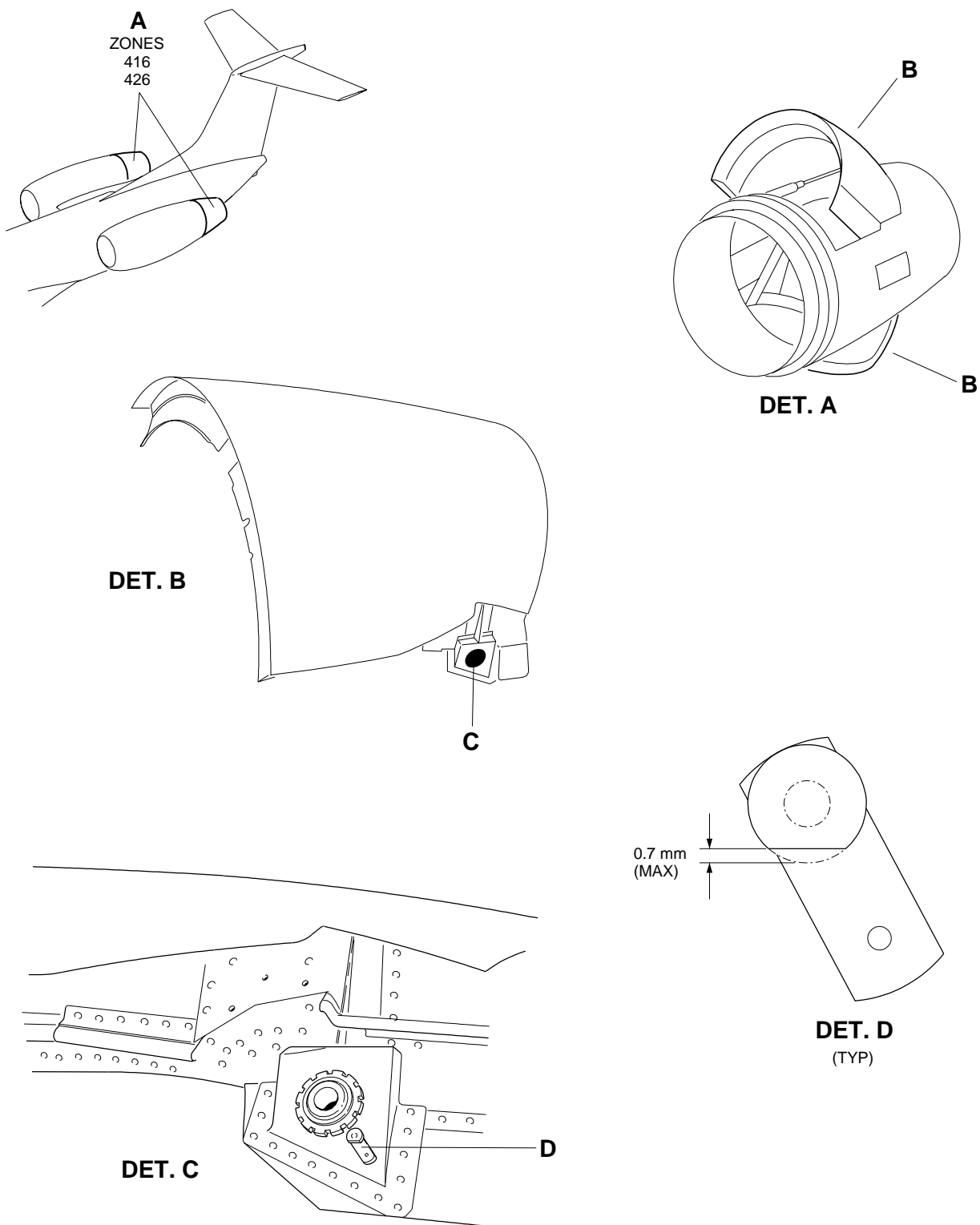
CAUTION: EXAMINE ALL THE WORK AREAS TO MAKE SURE THAT YOU DID NOT LET TOOLS OR OTHER EQUIPMENT STAY BEHIND.

- (1) (For Aircraft POST-MOD [SB145-78-0032](#)) Install the thrust-reverser deploy microswitch strikers ([AMM TASK 78-34-03-400-801-A/400](#)).
- (2) (For Aircraft PRE-MOD [SB145-78-0032](#)) Do these steps:
 - (a) Install the upper door ([AMM TASK 78-31-02-400-801-A/400](#)) and lower door ([AMM TASK 78-31-03-400-801-A/400](#)).
 - (b) Install the upper and lower microswitches ([AMM TASK 78-34-02-400-801-A/400](#)).
- (3) Deinhbit the ICU ([AMM TASK 78-33-01-980-801-A/200](#)).
- (4) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
 - THRUST REVERSER 1/2.
 - HYD. ELEC. PUMP 1/2.
- (5) Remove the DO-NOT-OPERATE-THE-THRUST-REVERSERS sign from the instrument panel, in the cockpit.
- (6) Remove the workstand from the work area.

EFFECTIVITY: AIRCRAFT PRE-MOD SB 145-78-0032

Thrust-Reverser Deploy Microswitch Strikers - Inspection/Check

Figure 601

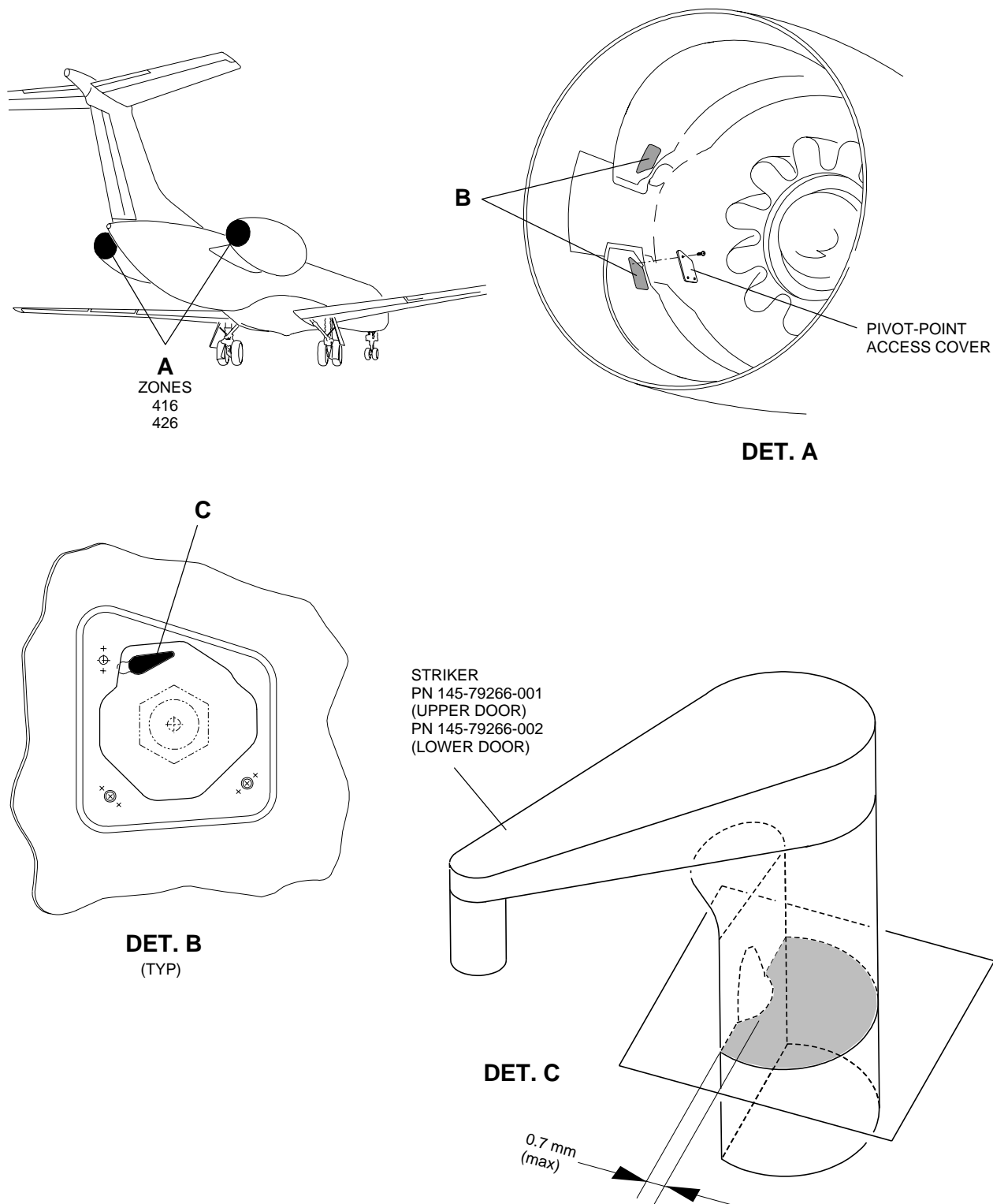


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EFFECTIVITY: AIRCRAFT POST- MOD SB 145-78-0032

Thrust-Reverser Deploy Microswitch Strikers - Inspection/Check

Figure 602



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