

## ICU INHIBITION MICROSWITCH - ADJUSTMENT/TEST

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to adjust the ICU inhibition microswitch.
- B. These procedures are applicable to ICU1 and ICU2, which are installed in the fuselage tail cone.
- 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
78-33-02-820-801-A	ICU INHIBITION MICROSWITCH - ADJUSTMENT/TEST	ALL

TASK 78-33-02-820-801-A

EFFECTIVITY: ALL

## 2. ICU INHIBITION MICROSWITCH - ADJUSTMENT/TEST

### A. General

(1) For this adjustment procedure, it is necessary to remove the ICU from the aircraft.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
<a href="#">AMM TASK 78-33-01-000-801-A/400</a>	ISOLATION CONTROL UNIT (ICU) - REMOVAL
<a href="#">AMM TASK 78-33-01-400-801-A/400</a>	ISOLATION CONTROL UNIT (ICU) - INSTALLATION

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
225	225DTC	Cockpit
312	312AR	Rear Fuselage II

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Multimeter	To do the continuity test	

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to rear fuselage II	

### F. Consumable Materials

Not Applicable

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the work area

### I. Preparation

SUBTASK 841-002-A

(1) 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.
- (2) Put a DO-NOT-OPERATE-THE-THRUST-REVERSERS sign on the instrument panel, in the cockpit.
  - (3) Put the ladder near the tail cone.
  - (4) Open access panel 312AR (AMM MPP 06-42-00/100) to get access to the ICU.
  - (5) Remove the ICU ([AMM TASK 78-33-01-000-801-A/400](#)).

J. Adjustment/Test

*SUBTASK 820-002-A*

- (1) Put the inhibition lever (1) in the inhibit position, and then install the quick release pin (2) through the lever housing to lock the lever (3).
- (2) Do a check in the ICU electrical connector (4) to find a short circuit between pins 3 (common) and 1, and an open circuit between pins 4 (common) and 6.
- (3) Release the inhibition lever, and then do a check to find an open circuit between pins 3 and 1, and a short circuit between pins 4 and 6.
- (4) If the results referred to above are not found, find them as follows: cut the lockwire between the locknuts, loosen the locknut (8), washer (7), and tabwasher (6), and adjust the inhibit switch locknut (5).
- (5) Attach the inhibit switch (9) with the tabwasher (6), washer (7) and torque-tighten the locknut (8).
- (6) Lockwire the locknuts.

K. Follow-on

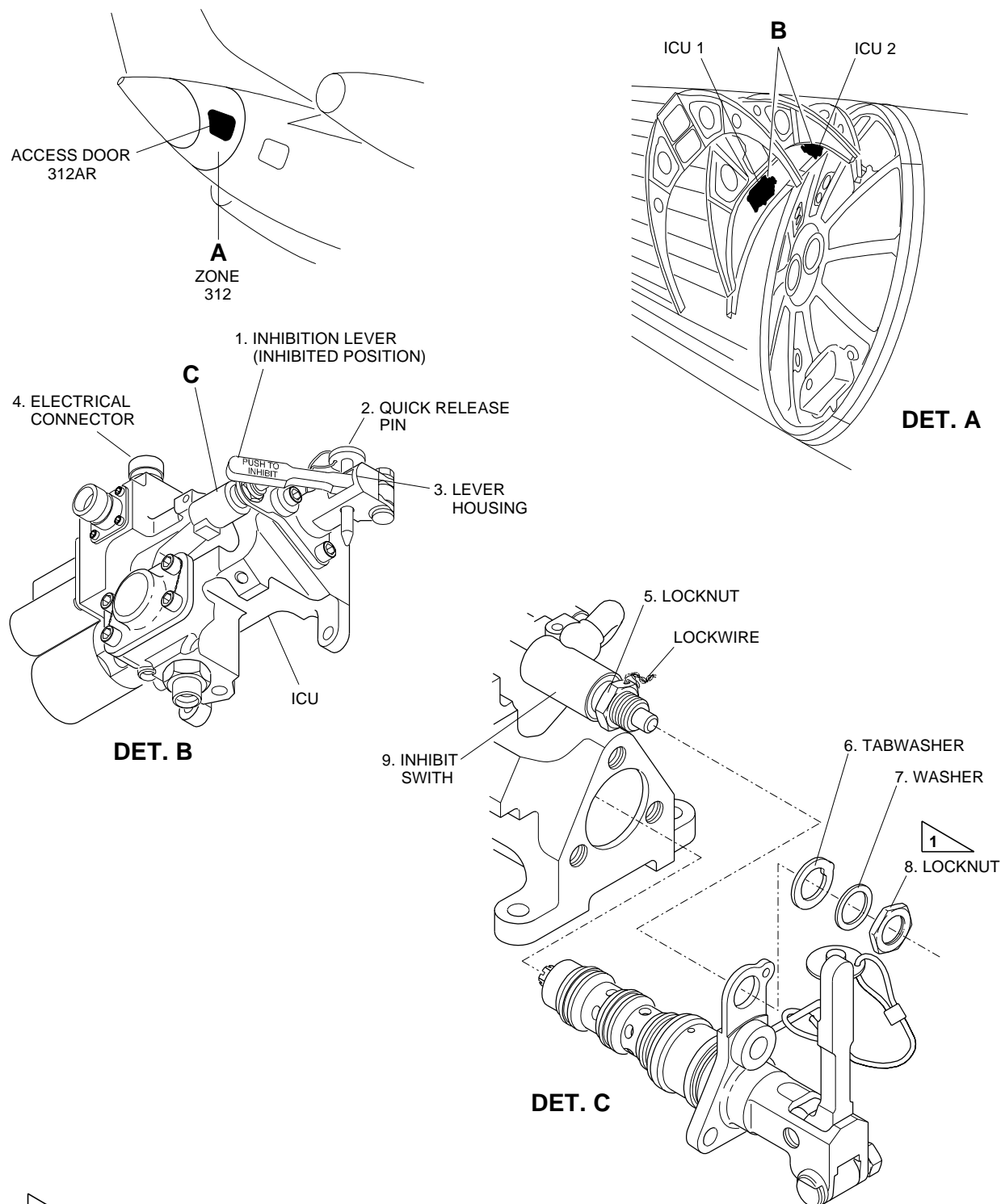
*SUBTASK 842-002-A*

- (1) Install the ICU ([AMM TASK 78-33-01-400-801-A/400](#)).
- (2) Close access panel 312AR (AMM MPP 06-42-00/100).
- (3) Remove the ladder from the work area.
- (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.

EFFECTIVITY: ALL

ICU Inhibit Switch - Adjustment/Test

Figure 501



1 TORQUE: 7.29 N.m TO 8.91 N.m ( 64.52 lb.in TO 78.86 lb.in )

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