

APU FADEC - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14

1. General

- A. This section gives the procedure to remove/install the FADEC.
- B. 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
49-64-03-000-801-A	FADEC - REMOVAL	AIRCRAFT WITH APU T-62T-40C14
49-64-03-400-801-A	FADEC - INSTALLATION	AIRCRAFT WITH APU T-62T-40C14

TASK 49-64-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14

2. FADEC - REMOVAL

A. General

(1) Obey the instructions that follow to remove the FADEC.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 49-02-00/200	- MAINTENANCE PRACTICES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Rear electronic compartment

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the rear electronic compartment	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Rear electronic compartment

I. Preparation

SUBTASK 841-002-A

WARNING: BEFORE YOU DO THE TASK OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 49-02-00/200](#) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

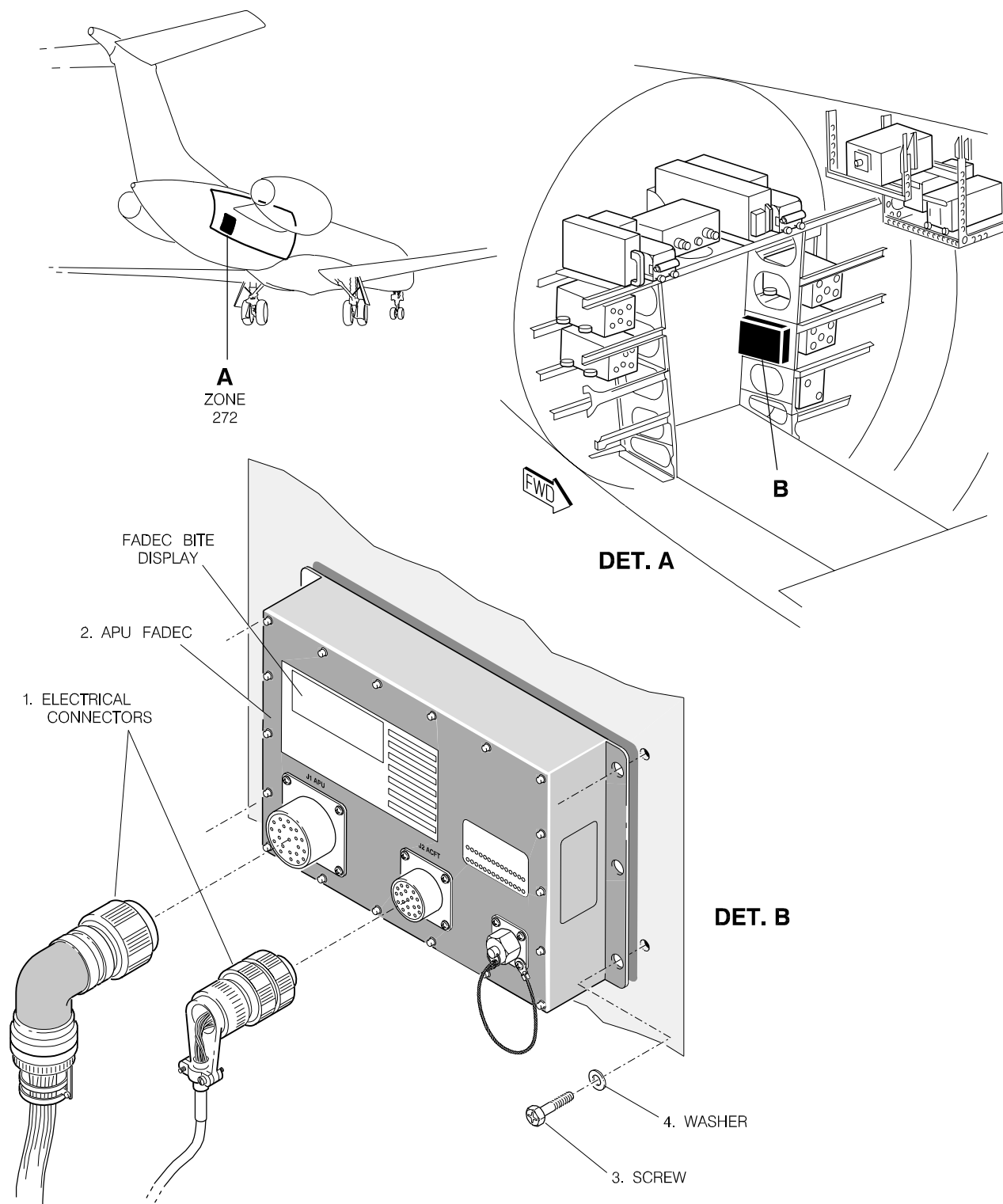
- (1) On the circuit breaker panel, open the “APU Control” circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Put the ladder in position, and open the rear electronic compartment access door 272DR (AMM MPP 06-41-01/100).

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

SUBTASK 020-002-A

- (1) Disconnect the FADEC electrical connectors (1).
- (2) Remove the screw (3) and washers (4).
- (3) Remove the FADEC (2) from the rack.
 - (a) Install caps and plugs to the disconnected points.

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14
FADEC - Removal/Installation
Figure 401



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TASK 49-64-03-400-801-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14

3. FADEC - INSTALLATION

A. General

(1) Obey the instructions that follow to install the FADEC.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 49-13-00-910-802-A/200	APU - START

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Rear electronic compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque Wrench	To torque the bolts	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the rear electronic compartment	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Rear electronic compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Remove the protective plugs and caps from connectors.
- (2) Put the FADEC (2) in its position.
- (3) Install the screw (3) and washers (4). Tighten the screw (3).

- (4) Connect the electrical connectors (1) to the FADEC.

NOTE: Make sure there is a minimum of 10 minutes after the FADEC is powered to synchronize the FADEC and DMM, before you make APU start or Smart Terminal communications attempts.

J. Follow-on

SUBTASK 842-002-A

- (1) Close rear electronic compartment access door 272DR (AMM MPP 06-41-01/100), and remove the ladder.
- (2) Remove the DO-NOT-CLOSE tag and close the “APU Control” circuit breaker.
- (3) Operate the APU ([AMM TASK 49-13-00-910-802-A/200](#)) if applicable.