



## AIRCRAFT MAINTENANCE MANUAL

### 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**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-01/100	-
<a href="#">AMM MPP 49-02-00/200</a>	- MAINTENANCE PRACTICES

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
272	272DR	Rear electronic compartment

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
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**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
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).



AIRCRAFT  
MAINTENANCE MANUAL

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

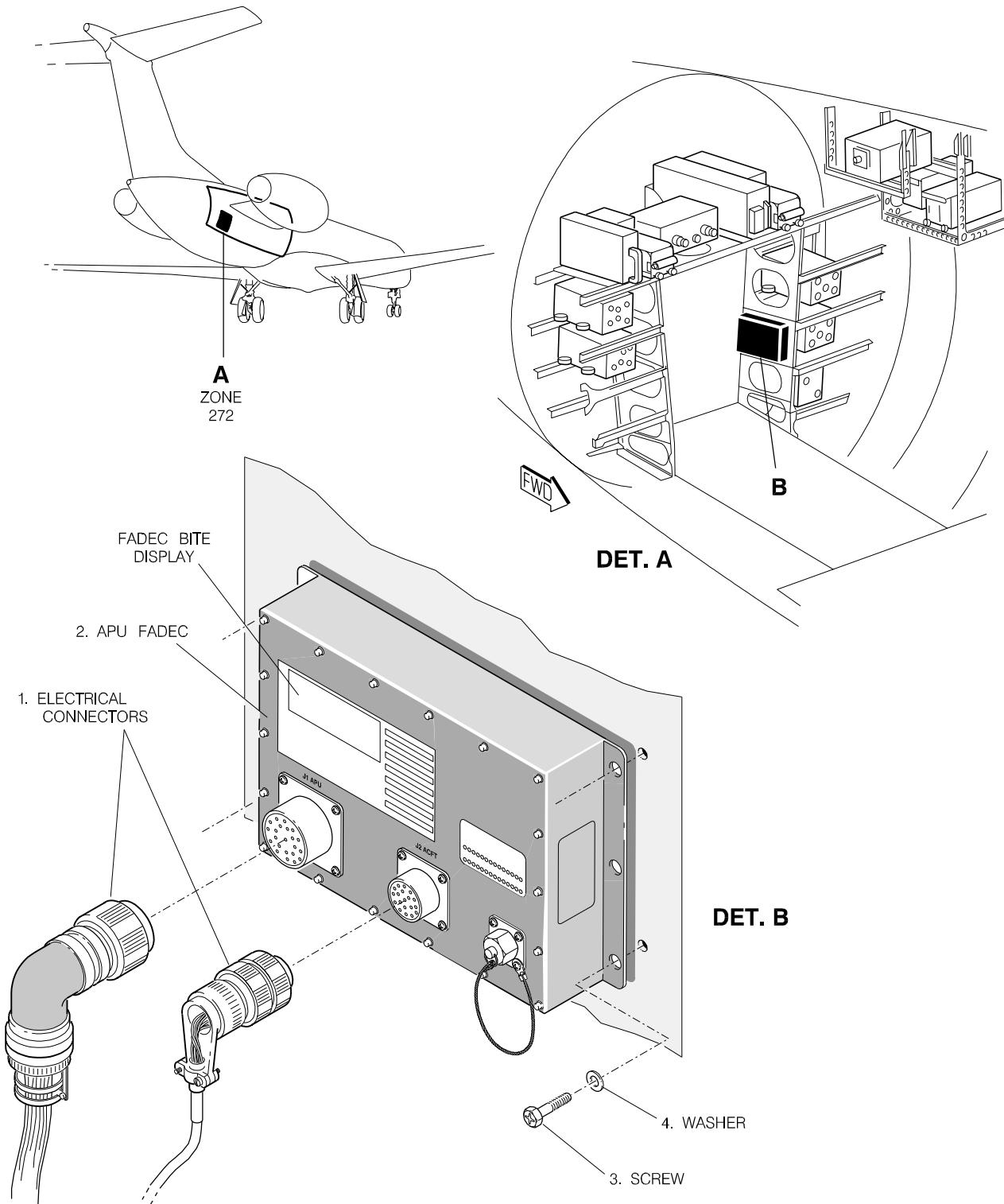
SUBTASK 020-002-A

- (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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AIRCRAFT  
MAINTENANCE MANUAL

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).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (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.