



## AIRCRAFT MAINTENANCE MANUAL

### EQAR RECORDER - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH EQAR

#### 1. General

- A. This section gives the procedure to remove/install the Extended Quick-Access Recorder (EQAR).
- 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
31-33-02-000-801-A	EQAR RECORDER - REMOVAL	AIRCRAFT WITH EQAR
31-33-02-400-801-A	EQAR RECORDER - INSTALLATION	AIRCRAFT WITH EQAR



# AIRCRAFT MAINTENANCE MANUAL

TASK 31-33-02-000-801-A

EFFECTIVITY: AIRCRAFT WITH EQAR

## 2. EQAR RECORDER - REMOVAL

### A. General

- (1) This task gives the procedure to remove the EQAR recorder.
- (2) The EQAR recorder is installed in the rear electronic compartment.

### B. References

REFERENCE	DESIGNATION
AMM TASK 31-33-01-000-801-A/400	EQAR RECORDED DATA DISK - REMOVAL

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I - right side

### D. Tools and Equipment

Not Applicable

### 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	Rear electronic compartment

### I. Preparation

#### SUBTASK 841-006-B

- (1) Open door 272DR to get access to the rear electronic compartment.
- (2) Make sure that the EQAR is powered on.
- (3) Remove the optical disk if installed ( [AMM TASK 31-33-01-000-801-A/400](#)).
- (4) On the overhead panel, open the QAR circuit breaker.



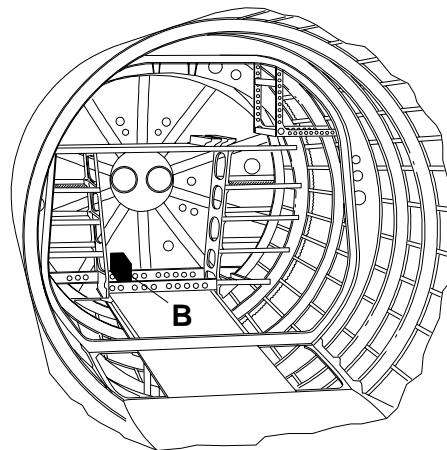
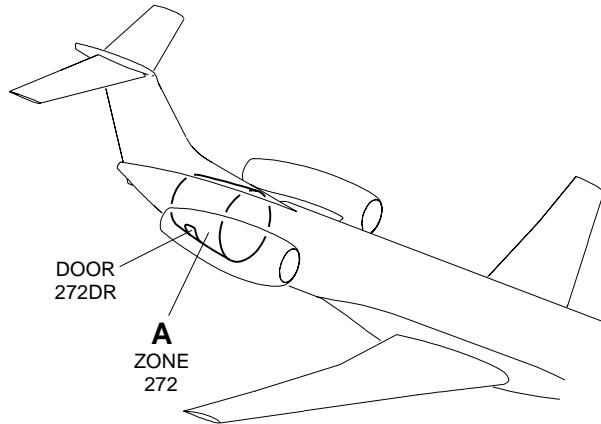
J. Removal ([Figure 401](#))

SUBTASK 020-006-B

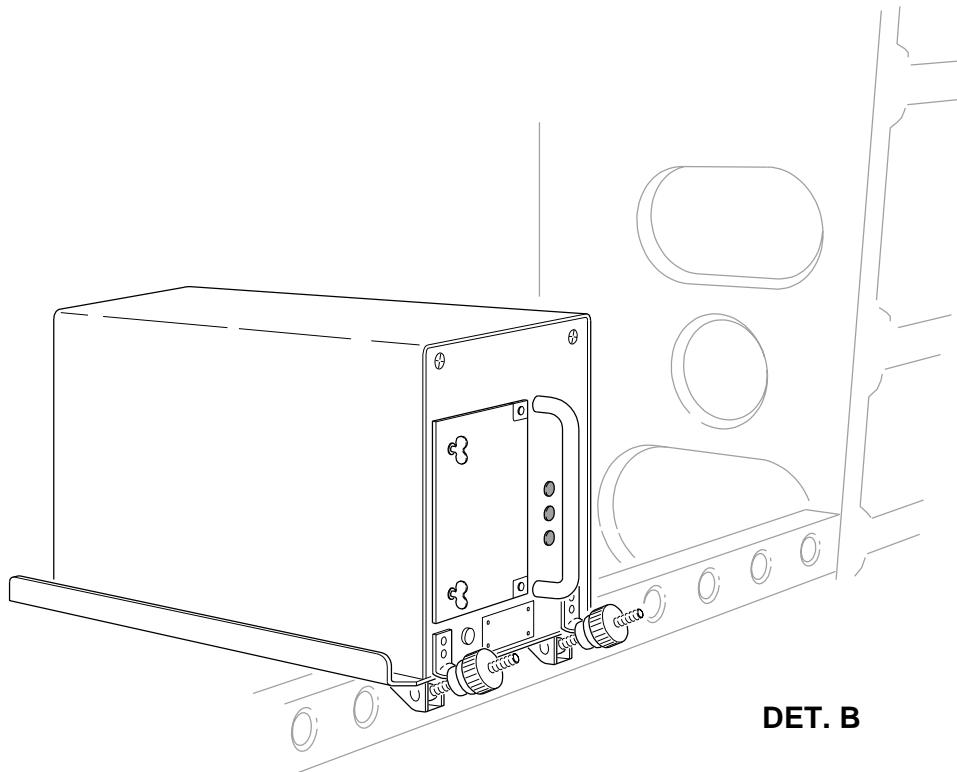
**CAUTION:** DO NOT TOUCH THE CONNECTOR PINS ON THE EQAR. IF YOU TOUCH THE PINS, ELECTROSTATIC DISCHARGE CAN CAUSE DAMAGE TO THE EQAR.

- (1) Make sure that the QAR circuit breaker is open.
- (2) Turn the tray thumbscrews counterclockwise to disengage them from the equipment hold-down hooks.
- (3) Slowly pull the EQAR recorder handle forward to disconnect the EQAR and tray connectors from each other and slide the unit out of the tray.
- (4) Put the protective cover on the electrical connector.

**EFFECTIVITY: AIRCRAFT WITH EQAR**  
**EQAR Recorder - Removal/Installation**  
**Figure 401**



**DET. A**



**DET. B**

EM145AMM310631A.DGN



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 31-33-02-400-801-A

EFFECTIVITY: AIRCRAFT WITH EQAR

3. EQAR RECORDER - INSTALLATION

A. General

- (1) This task gives the procedures to install the EQAR recorder.
- (2) The EQAR recorder is installed in the rear electronic compartment.

B. References

REFERENCE	DESIGNATION
AMM TASK 31-33-00-700-801-A/500	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I - right side

D. Tools and Equipment

Not Applicable

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	Rear electronic compartment

I. Installation (Figure 401)

SUBTASK 420-006-B

**CAUTION:** DO NOT TOUCH THE CONNECTOR PINS ON THE EQAR. IF YOU TOUCH THE PINS, ELECTROSTATIC DISCHARGE CAN CAUSE DAMAGE TO THE EQAR.

- (1) On the circuit breaker panel, make sure that the QAR circuit breaker is open.
- (2) Put the EQAR into tray and slide it rearwards until its connector is fully engaged with the mating connector of the tray.
- (3) Put the thumbscrews on the equipment hold-down hooks.
- (4) Screw until the back connector is correctly engaged.



## AIRCRAFT MAINTENANCE MANUAL

### J. Follow-on

#### SUBTASK 842-006-B

- (1) Do an EQAR operational test (AMM TASK 31-33-00-700-801-A/500).
- (2) Close door 272DR (rear electronic compartment door).