



AIRCRAFT MAINTENANCE MANUAL

OQAR INVERTER - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH OQAR

1. General

- A. This section gives the procedure to remove/install the OQAR inverter.
- 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
31-34-03-000-801-A	OQAR INVERTER - REMOVAL	AIRCRAFT WITH OQAR
31-34-03-400-801-A	OQAR INVERTER - INSTALLATION	AIRCRAFT WITH OQAR



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TASK 31-34-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH OQAR

2. OQAR INVERTER - REMOVAL

A. General

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

B. Zones and Accesses

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

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Rear electronic compartment

H. Preparation

SUBTASK 841-003-A

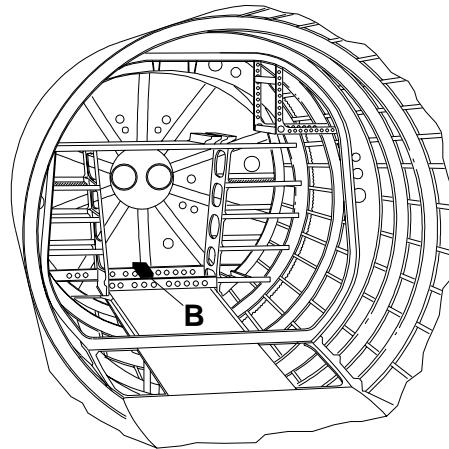
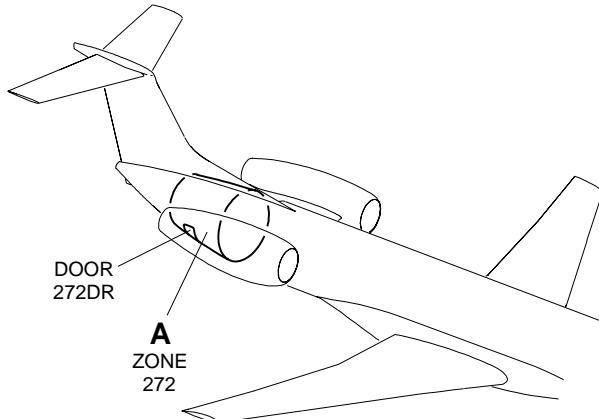
- (1) On the overhead panel, open the QAR circuit breaker.
- (2) Open door 272DR to get access to the rear electronic compartment.

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

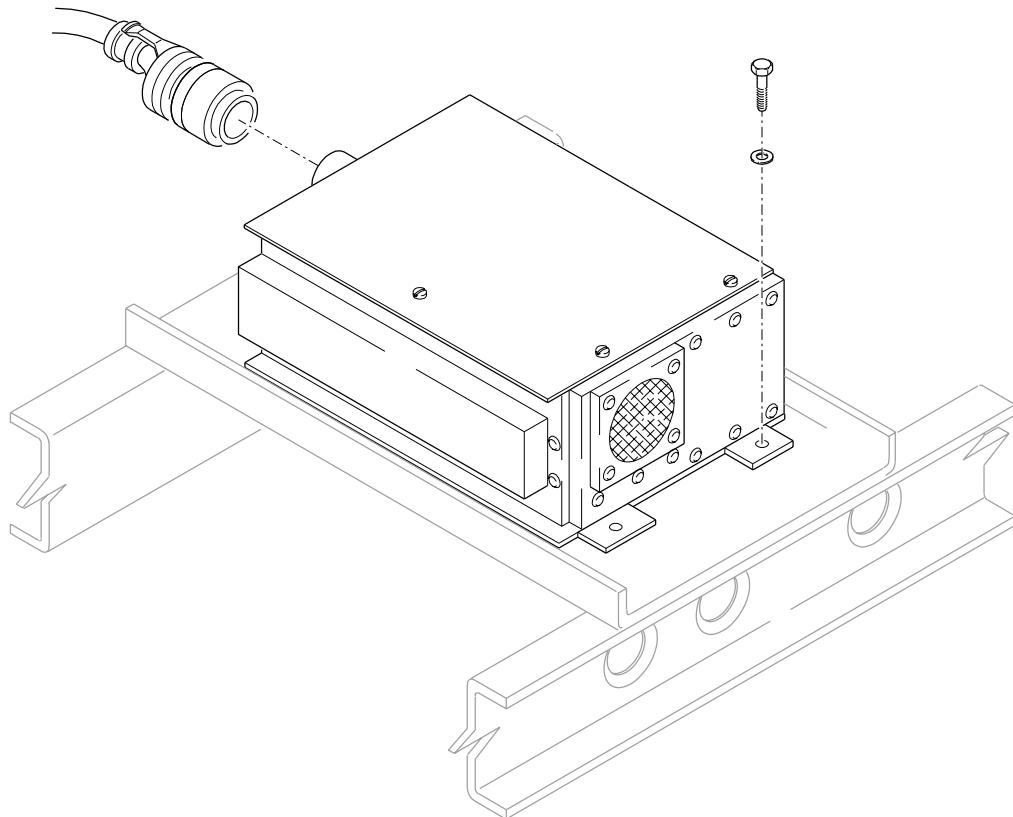
SUBTASK 020-003-A

- (1) Disconnect the electrical connector from the inverter.
- (2) Loosen the screws which attach the inverter to the rack and remove the inverter.
- (3) Put the protective cover on the electrical connector.

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OQAR Inverter - Removal/Installation
Figure 401



DET. A



DET. B
OQAR INVERTER

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TASK 31-34-03-400-801-A

EFFECTIVITY: AIRCRAFT WITH OQAR

3. OQAR INVERTER - INSTALLATION

A. General

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

B. References

REFERENCE	DESIGNATION
TASK 20-40-00-860-801-A	-

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)

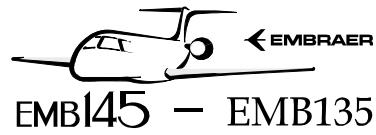
SUBTASK 420-003-A

- (1) On the circuit breaker panel, make sure that the QAR circuit breaker is open.
- (2) Put the inverter in its installation position in the rack.
- (3) Tighten the screws and washers that attach the inverter to the rack.
- (4) Connect the electrical connector to the inverter.

J. Follow-on

SUBTASK 842-003-A

- (1) Check the inverter output as follows:



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- (a) On the circuit breaker panel, close the QAR circuit breaker.
 - (b) Make sure the POWER ON indicator on the OQAR is on.
- (2) Close door 272DR (rear electronic compartment door).
- (3) Deenergize the aircraft (TASK 20-40-00-860-801-A).

