



AIRCRAFT  
MAINTENANCE MANUAL

FLOOD/STORM LIGHT INVERTER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the flood/storm light inverters.
- B. There are two flood/storm light inverters. They are installed in the forward part of the control pedestal, on its left and right sides.
- C. The left inverter controls two flood/storm light assemblies for pilot and central zones and the right inverter controls one flood/storm light assembly for the copilot zone.
- D. 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
33-15-02-000-801-A	FLOOD/STORM LIGHT INVERTER - RE- MOVAL	ALL
33-15-02-400-801-A	FLOOD/STORM LIGHT INVERTER - IN- STALLATION	ALL



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TASK 33-15-02-000-801-A

EFFECTIVITY: ALL

2. FLOOD/STORM LIGHT INVERTER - REMOVAL

A. General

- (1) This task gives the procedures to remove one of the two flood/storm light inverters.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223QZ	In the forward part of the control pedestal, on the left side
223	223PZ	In the forward part of the control pedestal, on the 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	Where applicable

I. Preparation

SUBTASK 841-002-A

- (1) Remove the access panel 223QZ or 223PZ ([AMM MPP 06-41-03/100](#)).
- (2) On the glareshield panel, set the FLOODLT knob on the light panel (left or right) to the OFF position.

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

SUBTASK 020-002-A

- (1) Disconnect the electrical connectors (2) from the inverter (7).



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- (2) Loosen the screws (4) and washers (3) which attach the support (5) and inverter (7) assembly to the control pedestal (1).

- (3) Remove the support (5) and inverter (7) assembly from the control pedestal (1).

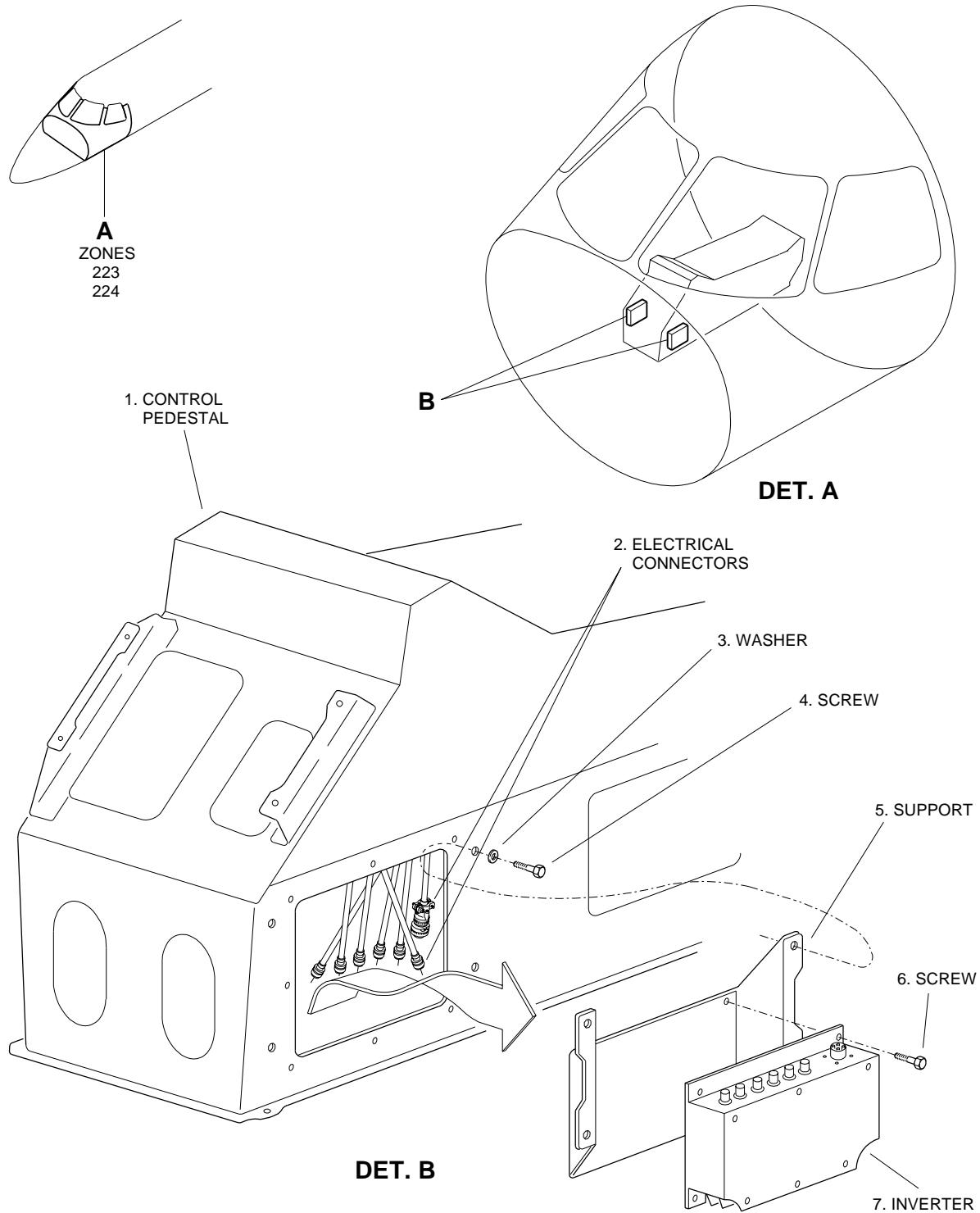
NOTE: It is necessary to give the support (5) and inverter (7) assembly a slightly torsional movement to permit you to remove it from the opening in the control pedestal (1).

- (4) Loosen the screws (6) which attach the inverter (7) to the support (5) and remove the inverter (7).

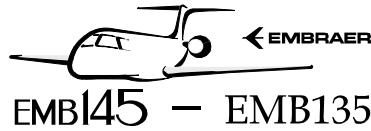
**EFFECTIVITY: ALL**

Flood/Storm Light Inverters - Removal/Installation

Figure 401



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TASK 33-15-02-400-801-A

EFFECTIVITY: ALL

3. FLOOD/STORM LIGHT INVERTER - INSTALLATION

A. General

- (1) This task gives the procedures to install a flood/storm light inverter.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 33-15-00-700-801-A/500	FLOOD/STORM LIGHTS - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223QZ (Pilot and Central Zones Inverter)	In the forward part of the control pedestal, on the left side
223	223PZ (Copilot Zone Inverter)	In the forward part of the control pedestal, on the 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	Where applicable

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the screws (6) that attach the inverter (7) to the support (5).

- (2) Put the support (5) and inverter (7) assembly in position in the control pedestal (1).

NOTE: It is necessary to give the support (5) and inverter (7) assembly a slightly torsional movement to permit you to put it into the opening in the control pedestal (1).

- (3) Tighten the screws (4) and washers (3) that attach the support (5) and inverter (7) assembly to the control pedestal (1).



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- (4) Connect the electrical connectors (2) to the inverter (7) installed.

J. Follow-on

SUBTASK 842-002-A

- (1) Do the applicable system test ([AMM TASK 33-15-00-700-801-A/500](#)).
- (2) Install the access panel 223PZ or 223QZ ([AMM MPP 06-41-03/100](#)).