



AIRCRAFT MAINTENANCE MANUAL

STANDBY MAGNETIC COMPASS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove/install the Standby Magnetic Compass and the Standby Magnetic-Compass Lamp.
- B. The Standby Magnetic Compass is located in the center upper portion of the windshield structure, in the Cockpit.
- C. The Standby Magnetic Compass is attached to a bracket installed to the windshield structure, by means of non-magnetic screws.
- 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
34-25-01-000-801-A	STANDBY MAGNETIC COMPASS - REMOVAL	ALL
34-25-01-400-801-A	STANDBY MAGNETIC COMPASS - INSTALLATION	ALL
34-25-01-000-802-A	STANDBY MAGNETIC-COMPASS LAMP - ALL REMOVAL	
34-25-01-400-802-A	STANDBY MAGNETIC-COMPASS LAMP - ALL INSTALLATION	



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TASK 34-25-01-000-801-A

EFFECTIVITY: ALL

2. STANDBY MAGNETIC COMPASS - REMOVAL

A. General

- (1) This task gives the procedure to remove the Standby Magnetic Compass.

B. Zones and Accesses

Not Applicable

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	Cockpit

H. Preparation

SUBTASK 841-002-A

- (1) Make sure that left panel light dimmer is positioned at OFF.

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

SUBTASK 020-002-A

- (1) Disconnect the connector (3) from the Standby Magnetic Compass (2).

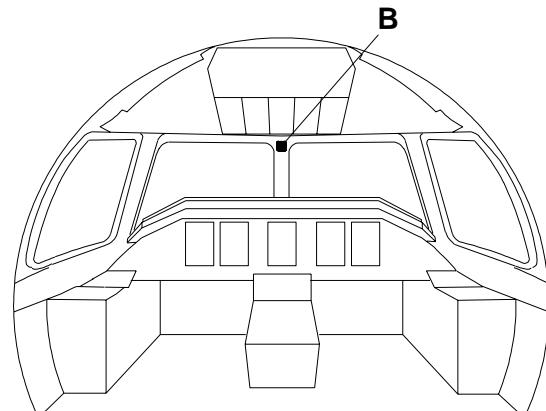
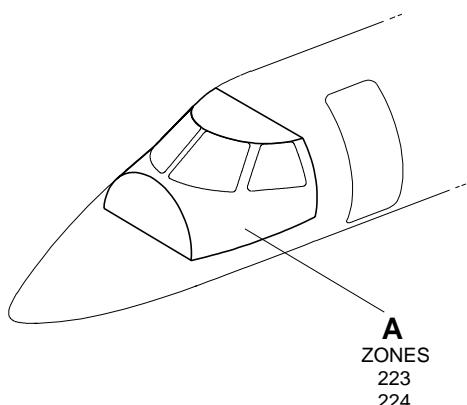
- (2) Remove the screws (1).

- (3) Remove the Standby Magnetic Compass (2).

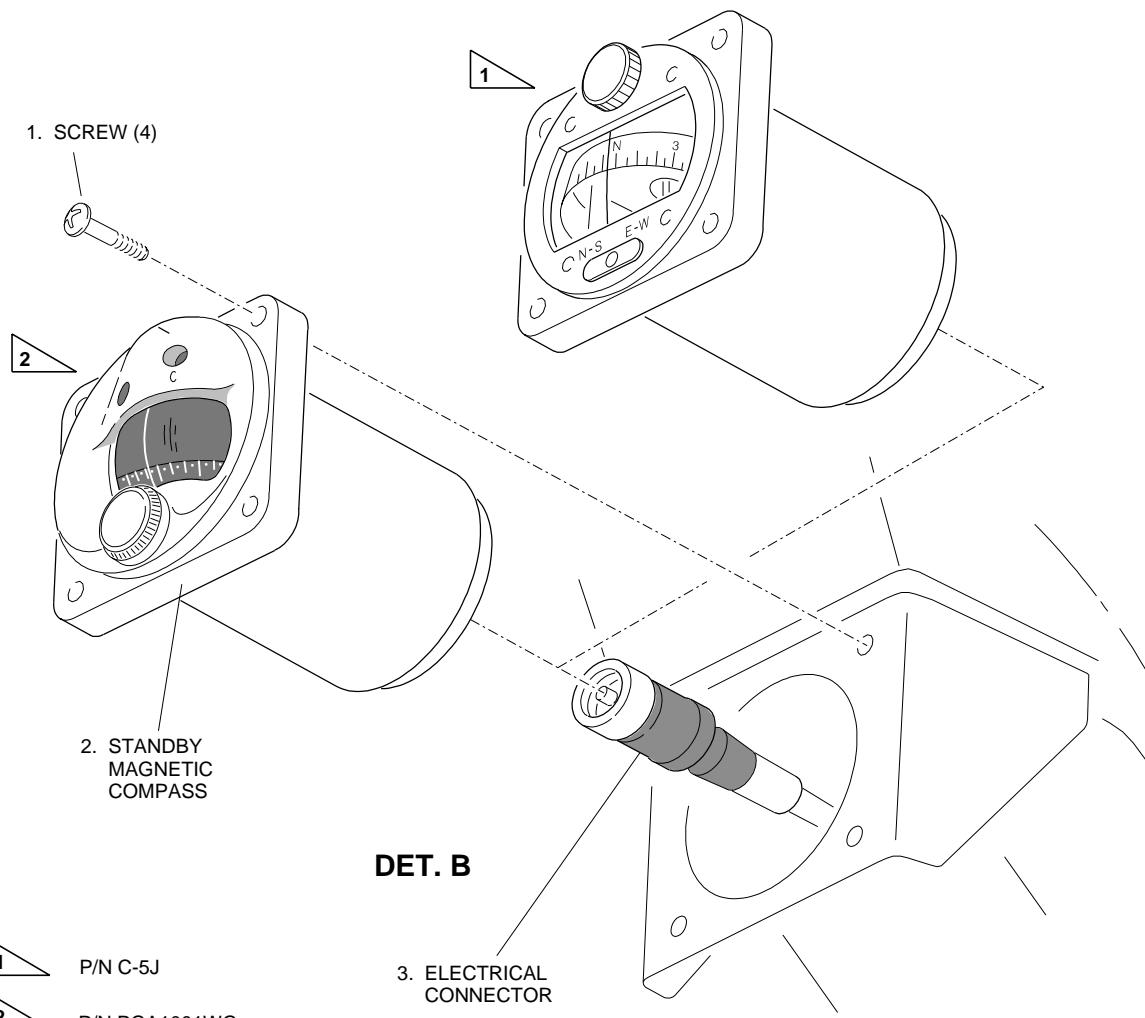
EFFECTIVITY: ALL

Standby Magnetic Compass - Removal/Installation

Figure 401



DET. A



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TASK 34-25-01-400-801-A

EFFECTIVITY: ALL

3. STANDBY MAGNETIC COMPASS - INSTALLATION

A. General

- (1) This task gives the procedure to install the Standby Magnetic Compass.

B. References

REFERENCE	DESIGNATION
AMM TASK 34-25-00-700-801-A/500	STANDBY MAGNETIC COMPASS - COMPENSATION

C. Zones and Accesses

Not Applicable

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	Cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the Standby Magnetic Compass (2) on its support.
- (2) Attach the Standby Magnetic Compass (2) to its support with the screws (1).
- (3) Connect the electrical connector (3).

J. Follow-on

SUBTASK 410-002-A

- (1) Do the compensation of Standby Magnetic Compass (AMM TASK 34-25-00-700-801-A/500).



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TASK 34-25-01-000-802-A

EFFECTIVITY: ALL

4. STANDBY MAGNETIC-COMPASS LAMP - REMOVAL

A. General

(1) This task gives the procedure to remove the Standby Magnetic-Compass Lamp.

B. Zones and Accesses

Not Applicable

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	Cockpit

H. Preparation

SUBTASK 841-003-A

(1) Make sure that the Pilot Panel Lights switch is set at the OFF position.

I. Removal ([Figure 402](#))

SUBTASK 020-003-A

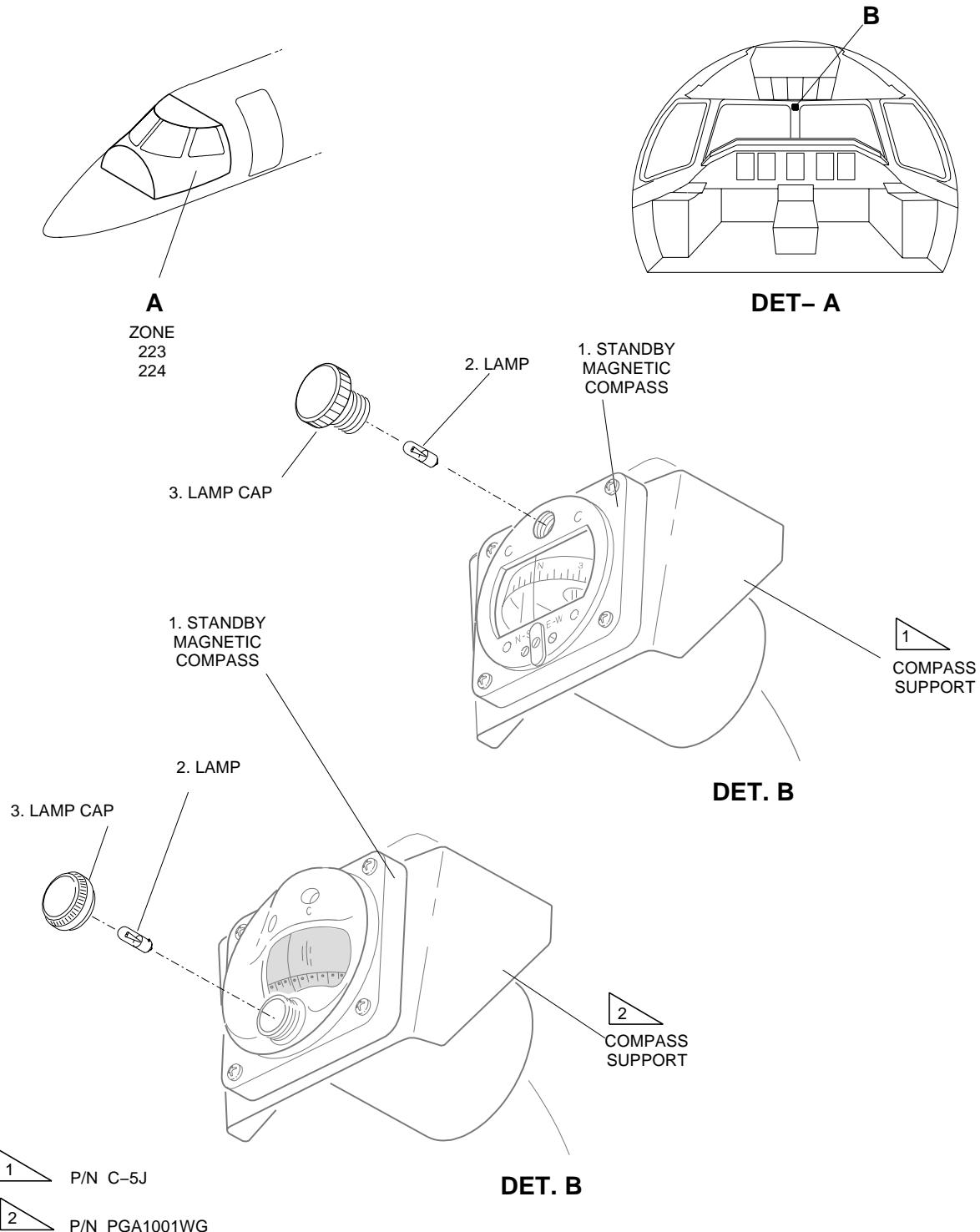
(1) Manually rotate the Lamp Cap (3) anticlockwise and remove it.

(2) Remove the Lamp (2).

EFFECTIVITY: ALL

Standby Magnetic-Compass Lamp - Removal/Installation

Figure 402



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TASK 34-25-01-400-802-A

EFFECTIVITY: ALL

5. STANDBY MAGNETIC-COMPASS LAMP - INSTALLATION

A. General

(1) This task gives the procedure to install the Standby Magnetic-Compass Lamp.

B. References

REFERENCE	DESIGNATION
AMM TASK 33-12-00-700-801-A/500	INSTRUMENT AND CONTROL PANEL LIGHTS - OPERATIONAL TEST

C. Zones and Accesses

Not Applicable

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	Cockpit

I. Installation (Figure 402)

SUBTASK 420-003-A

(1) Put the Lamp (2) in position.

(2) Install the Lamp Cap (3) and manually rotate it clockwise until it locks.

J. Follow-on

SUBTASK 410-003-A

(1) Do the test of the Pilot Panel Ligths ([AMM TASK 33-12-00-700-801-A/500](#)).

