



## AIRCRAFT MAINTENANCE MANUAL

### STANDBY ALTIMETER - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

#### 1. General

- A. This section gives the procedure to remove/install the Standby Altitude Indicator.
- B. The Standby Altitude Indicator is installed on the main instrument panel, in the cockpit.
- C. 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              |
|--------------------|---|--------------------------|
| 34-11-01-000-801-A | STANDBY ALTITUDE INDICATOR - REMOVAL      | ACFT MODEL(S)<br>EMB-135 |
| 34-11-01-400-801-A | STANDBY ALTITUDE INDICATOR - INSTALLATION | ACFT MODEL(S)<br>EMB-135 |



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TASK 34-11-01-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. STANDBY ALTITUDE INDICATOR - REMOVAL

A. General

- (1) This task gives the procedure to remove the Standby Altitude Indicator.

B. References

| REFERENCE                       | DESIGNATION      |
|---------------------------------|------------------|
| AMM TASK 20-10-03-000-801-A/400 | TUBING - REMOVAL |

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. Preparation

*SUBTASK 841-010-B*

- (1) On the circuit breaker panel, open the STBY ALT circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) On the glareshield panel, left light control panel, set the PANEL LIGHTS/PILOT knob to the OFF position.

J. Removal (*Figure 401*)

*SUBTASK 020-009-B*

- (1) Loosen the screws (4) (2 positions) to remove the Standby Altitude Indicator (2).

CAUTION: DO NOT REMOVE/INSTALL THE STANDBY ALTITUDE INDICATOR BY PULLING/PUSHING THE BUTTON.

- (2) Pull the Standby Altitude Indicator (2) to gain access to the electrical connector (1) and the hose (3).



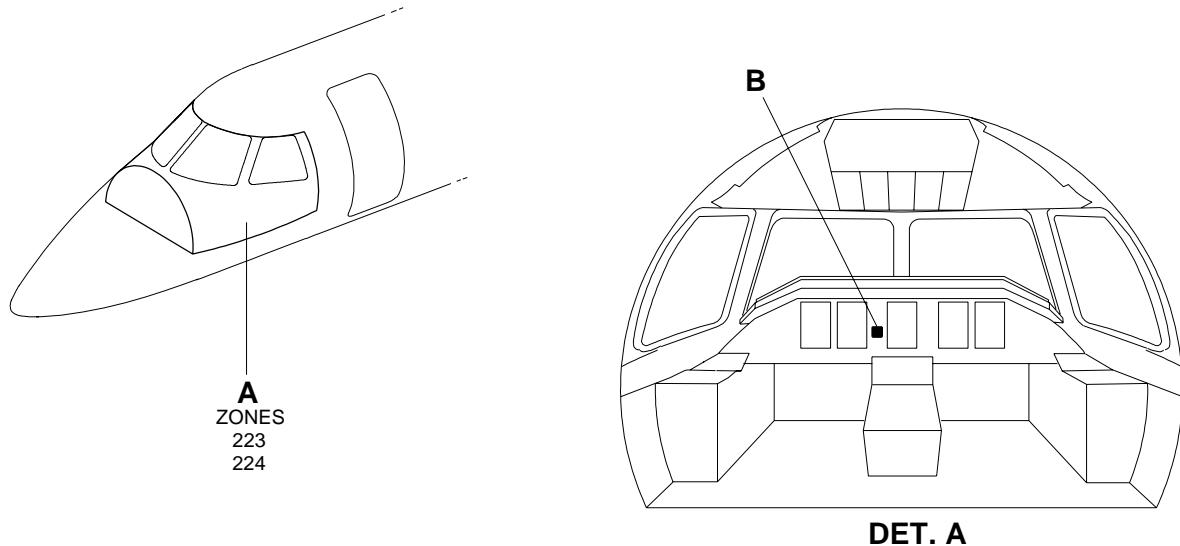
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- (3) Disconnect the electrical connector (1) from the Standby Altitude Indicator (2).
- (4) Disconnect the hose (3) from the Standby Altitude Indicator (2) ([AMM TASK 20-10-03-000-801-A/400](#)).

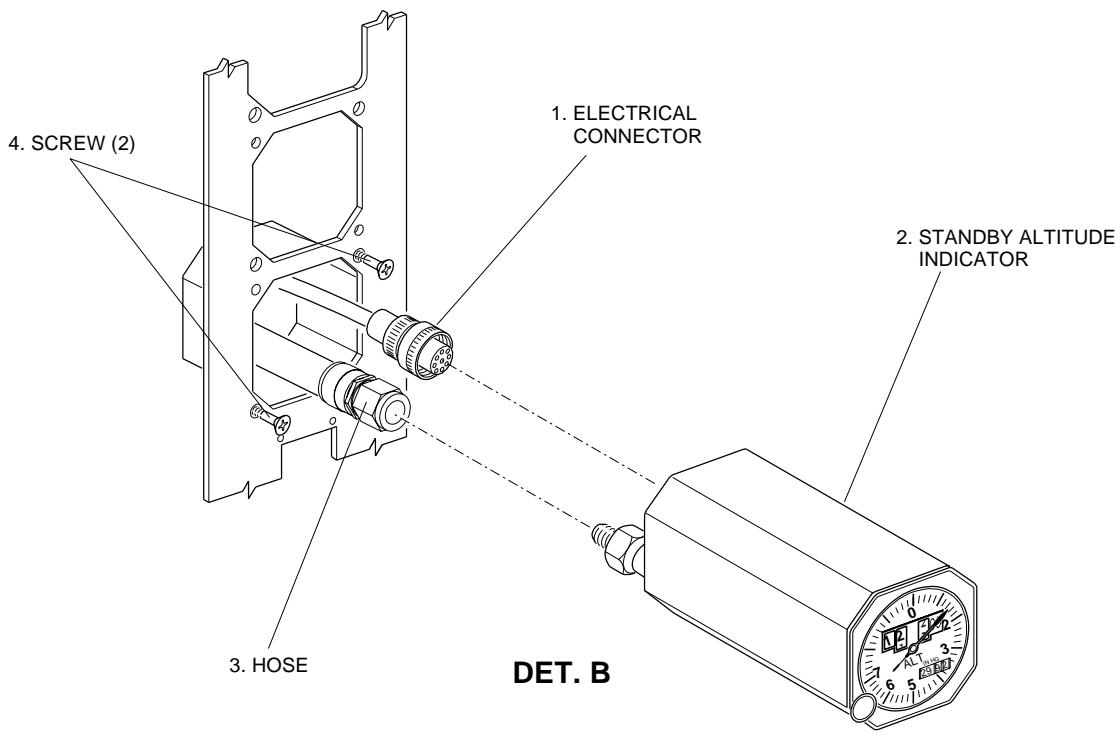
CAUTION: DO NOT REMOVE/INSTALL THE STANDBY ALTITUDE INDICATOR BY PULLING/PUSHING THE BUTTON.

- (5) Remove the Standby Altitude Indicator (2).

**EFFECTIVITY: ACFT MODEL(S) EMB-135**  
**Standby Altitude Indicator - Removal/Installation**  
**Figure 401**



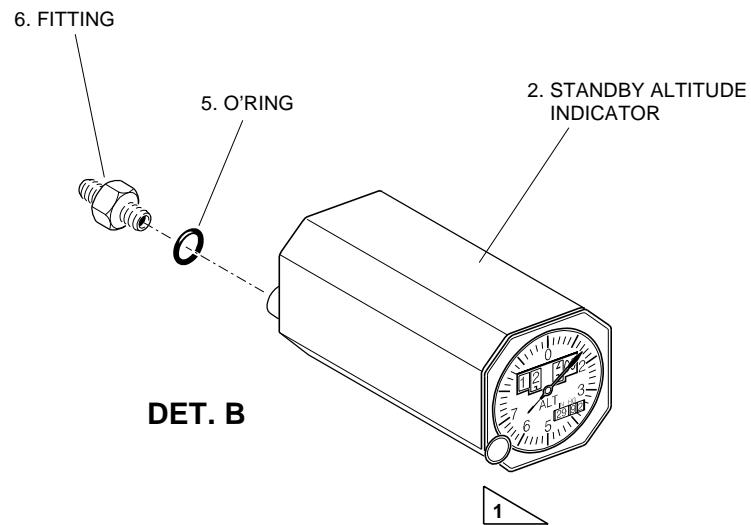
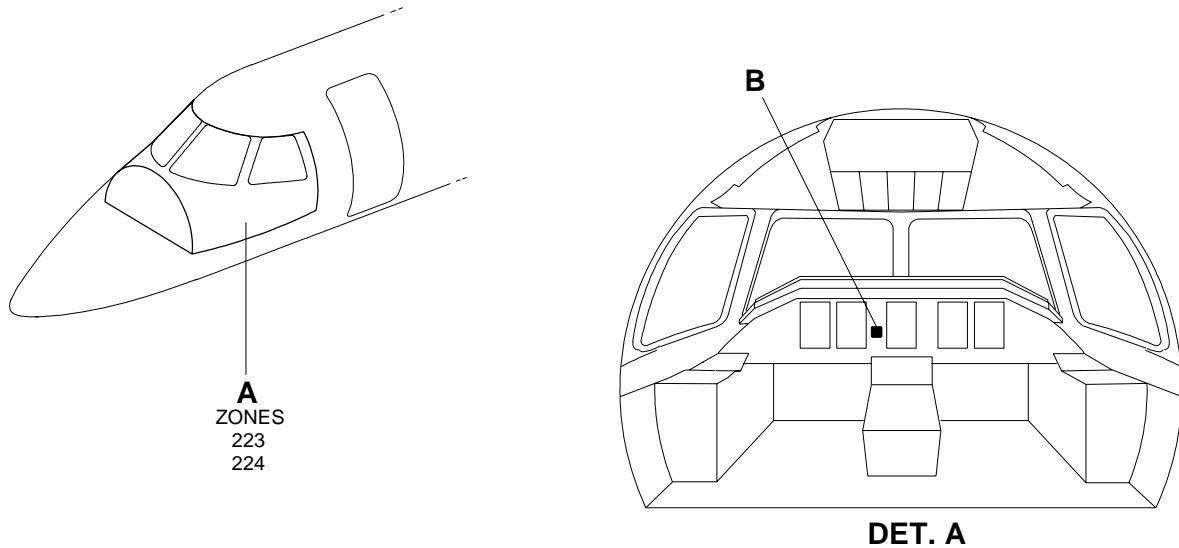
**DET. A**



**1** DO NOT REMOVE / INSTALL THE STANDBY ALTITUDE INDICATOR BY PULLING / PUSHING THE BUTTON.

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**EFFECTIVITY: ACFT MODEL(S) EMB-135**  
**Standby Altitude Indicator - Removal/Installation**  
**Figure 402**



**1** DO NOT REMOVE / INSTALL THE STANDBY ALTITUDE INDICATOR BY PULLING / PUSHING THE BUTTON.

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TASK 34-11-01-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

3. STANDBY ALTITUDE INDICATOR - INSTALLATION

A. General

- (1) This task gives the procedure to install the Standby Altitude Indicator.

B. References

| REFERENCE                       | DESIGNATION                   |
|---------------------------------|-------------------------------|
| AMM TASK 20-10-03-400-801-A/400 | TUBING - INSTALLATION         |
| AMM TASK 34-11-00-700-801-A/500 | -                             |
| AMM TASK 34-13-00-790-804-A/500 | STANDBY SYSTEM - LEAKAGE TEST |
| IPC 34-11-01                    | STANDBY ALTITUDE INDICATOR    |

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

| ITEM   | IPC REFERENCE<br>(VENDOR REFERENCE) | QTY |
|--------|-------------------------------------|-----|
| O-ring | IPC 34-11-01                        | 1   |

H. Persons Recommended

| QTY | FUNCTION      | PLACE   |
|-----|---------------|---------|
| 1   | Does the task | Cockpit |

I. Preparation (Figure 402)

SUBTASK 841-011-B

- (1) Remove the fitting (6) from the Standby Altitude Indicator (2).
- (2) Remove and discard the old O-ring (5).
- (3) Install a new O-ring (5).
- (4) Install the fitting (6) to the Standby Altitude Indicator (2).



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J. Installation (Figure 401) (Figure 402)

SUBTASK 020-010-B

**CAUTION: MAKE SURE THAT THE FLEXIBLE TUBE IS NOT TWISTED BEFORE AND AFTER TORQUE APPLICATION.**

- (1) Connect the hose (3) to the Standby Altitude Indicator (2) ([AMM TASK 20-10-03-400-801-A/400](#)).
- (2) Connect the electrical connector (1) to the Standby Altitude Indicator (2).

**CAUTION: DO NOT REMOVE/INSTALL THE STANDBY ALTITUDE INDICATOR BY PULLING/PUSHING THE BUTTON.**

- (3) Put the Standby Altitude Indicator (2) in position on the main instrument panel.
- (4) Tighten the screws (4) (2 positions).

K. Follow-on

SUBTASK 842-006-B

- (1) On the circuit breaker panel, close the STBY ALT circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (2) On the glareshield panel, turn the PANEL LIGHTS/PILOT knob to the BRT position and make sure that the light on the standby altimeter face is on.
- (3) Do Standby System Leakage test ([AMM TASK 34-13-00-790-804-A/500](#)).
- (4) Do the functional check of the standby altimeter (AMM TASK 34-11-00-700-801-A/500).

