



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

SINGLE IRS MODE SELECT UNIT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove/install the Mode Select Unit (MSU).
- B. The MSU is installed on the Control Pedestal.
- 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
34-26-02-000-801-A	MODE SELECT UNIT (MSU) - REMOVAL	ALL
34-26-02-400-801-A	MODE SELECT UNIT (MSU) - INSTALLA- TION	ALL



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TASK 34-26-02-000-801-A

EFFECTIVITY: ALL

2. MODE SELECT UNIT (MSU) - REMOVAL

A. General

- (1) This task gives the procedure to remove the Mode Select Unit (MSU).

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

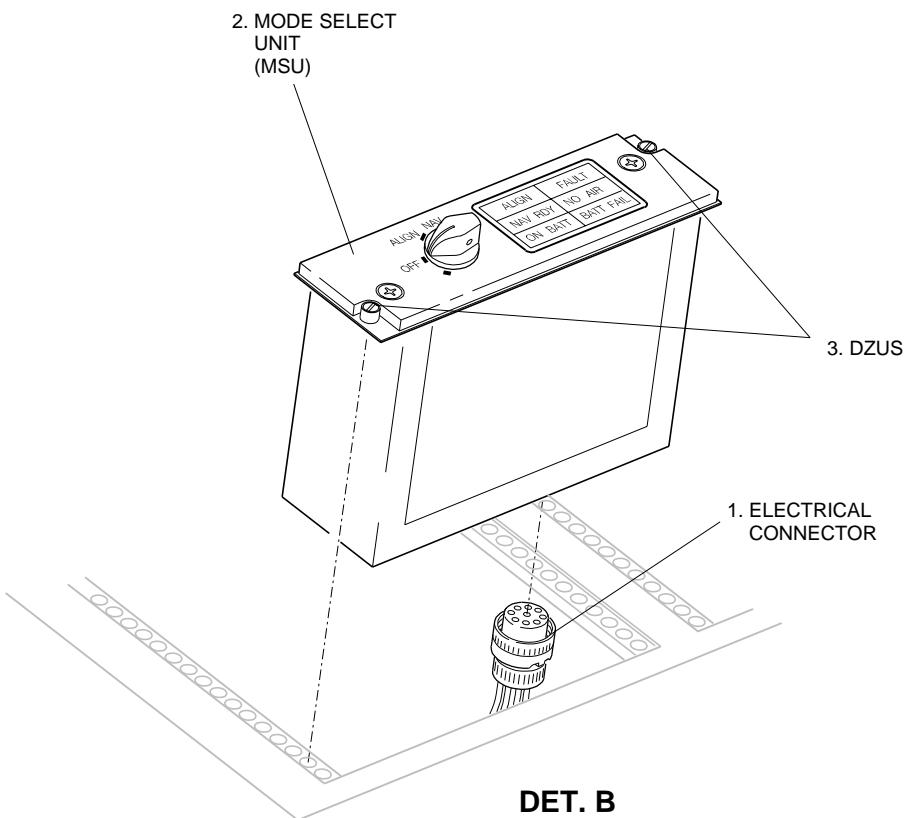
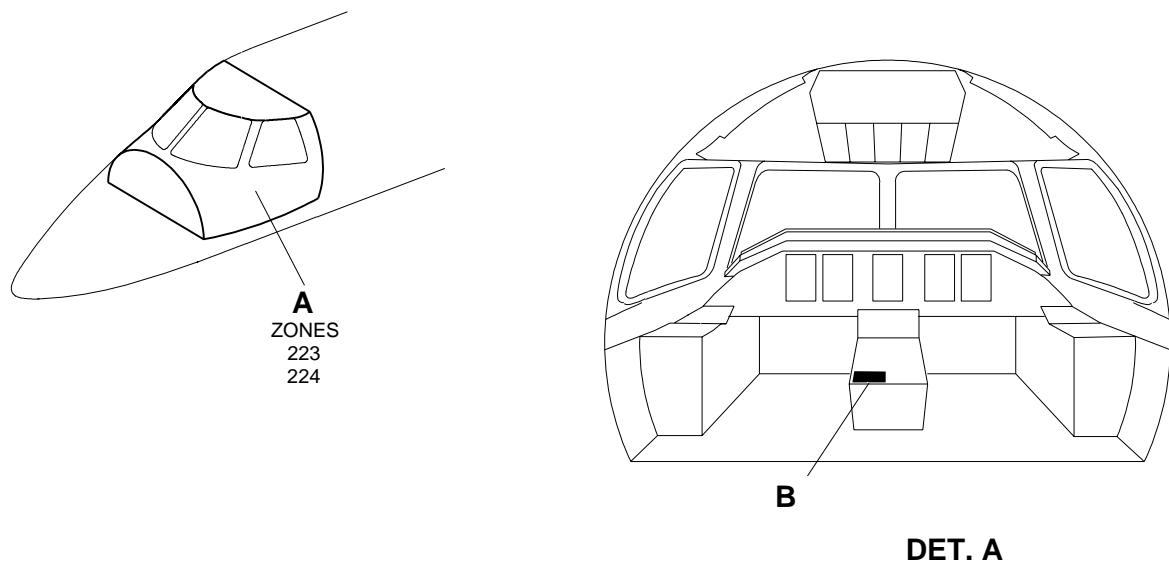
- (1) On the circuit breaker panel, open the IRS circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) On the electrical panel, on the overhead panel, push the BACKUP pushbutton (the striped bar comes on).

I. Removal (Figure 401)

SUBTASK 020-002-A

- (1) Loosen the Dzus fastener (3).
- (2) Pull the MSU (2) to get access to the electrical connector (1).
- (3) Disconnect the electrical connector (1) from the MSU (2).
- (4) Remove the MSU (2).

EFFECTIVITY: ALL

 Mode Select Unit (MSU) - Removal/Installation
 Figure 401


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TASK 34-26-02-400-801-A

EFFECTIVITY: ALL

3. MODE SELECT UNIT (MSU) - INSTALLATION

A. General

- (1) This task gives the procedure to install the Mode Select Unit (MSU).

B. References

REFERENCE	DESIGNATION
AMM TASK 34-26-00-700-801-A/500	SINGLE IRS - 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 401)

SUBTASK 420-002-A

- (1) Connect the electrical connector (1) to the MSU (2).
- (2) Put the MSU (2) in its installation position.
- (3) Tighten the Dzus fastener (3).

J. Follow-on

SUBTASK 410-002-A

- (1) On the circuit breaker panel, close the IRS circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (2) On the electrical panel, on the overhead panel, push the BACKUP pushbutton (striped bar comes off).
- (3) Do the Single IRS operational test ([AMM TASK 34-26-00-700-801-A/500](#)).