



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

HGS OVERHEAD UNIT (OHU) - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM

1. General

- A. This section gives the procedure to remove/install the HGS Overhead Unit (OHU).
- B. The OHU is installed 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
34-23-03-000-801-A	HGS OVERHEAD UNIT (OHU) - REMOVAL	AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM
34-23-03-400-801-A	HGS OVERHEAD UNIT (OHU) - INSTAL- LATION	AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 34-23-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM

2. HGS OVERHEAD UNIT (OHU) - REMOVAL

A. General

- (1) This task gives the procedure to remove the HGS Overhead Unit (OHU).

B. References

REFERENCE	DESIGNATION
AMM TASK 25-12-01-000-801-A/400	COCKPIT LINING - 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 841-002-A

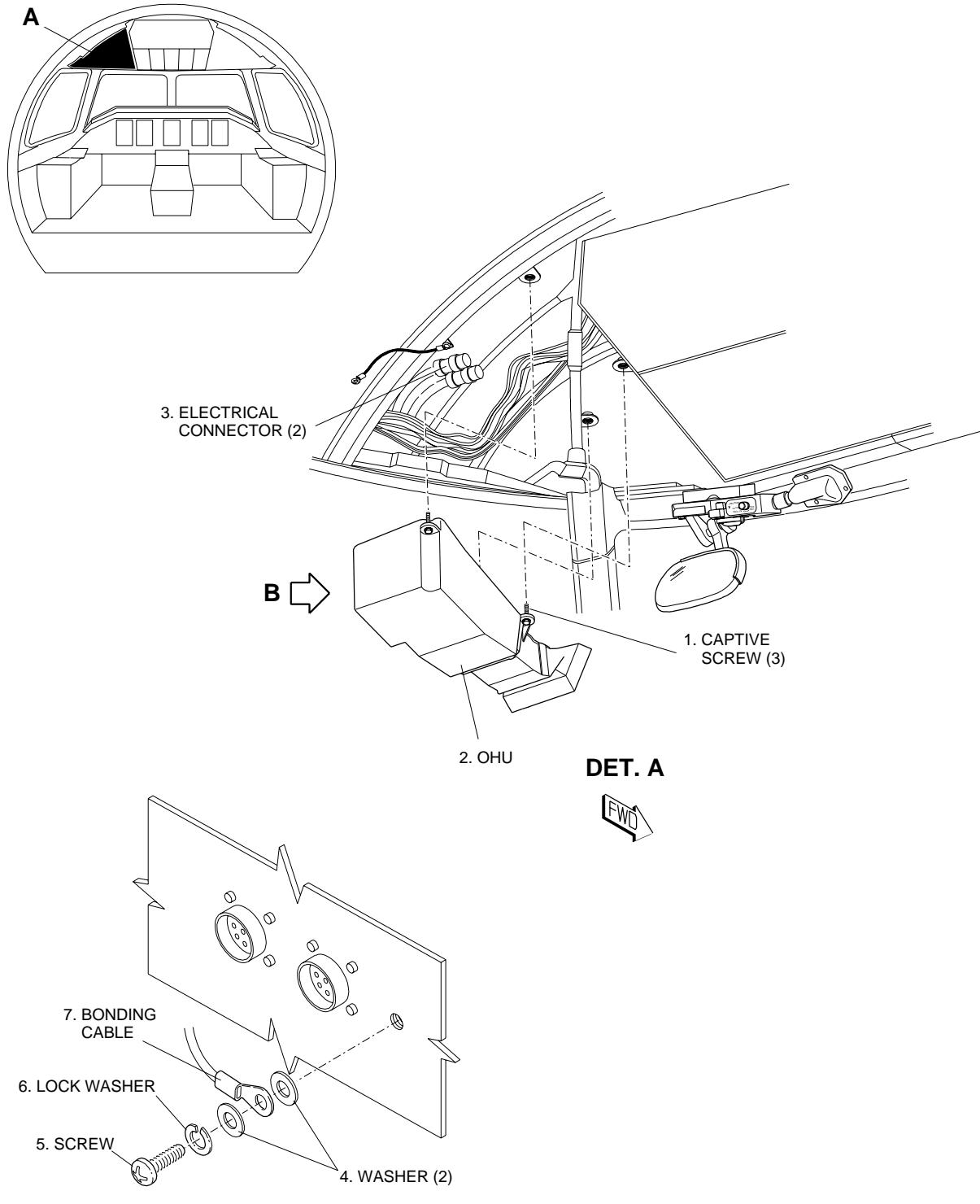
- (1) On the circuit breaker panel, open the OHU and HGS circuit breakers and attach a DO-NOT-CLOSE tag to them.
- (2) Remove the cockpit ceiling lining ([AMM TASK 25-12-01-000-801-A/400](#)).

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

SUBTASK 020-002-A

- (1) Disconnect the two electrical connectors (3) from the OHU (2).
- (2) Remove the screw (5), lock washer (6), and two washers (4) which attach the bonding cable (7) to the OHU (2).
- (3) Release the three captive screws (1).
- (4) Remove the OHU (2).

EFFECTIVITY: AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM
HGS Overhead Unit - Removal/Installation
Figure 401



145AMM340453.MCE

TASK 34-23-03-400-801-A
EFFECTIVITY: AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM
3. HGS OVERHEAD UNIT (OHU) - INSTALLATION
A. General

- (1) This task gives the procedure to install the HGS Overhead Unit (OHU).

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 25-12-01-400-801-A/400	COCKPIT LINING - INSTALLATION
AMM TASK 34-23-00-700-801-A/500	HEAD-UP GUIDANCE SYSTEM (HGS) - 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

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Cockpit

I. Installation (Figure 401)
SUBTASK 420-002-A

- (1) Put the OHU (2) in its installation position.
- (2) Tighten the three captive screws (1).
- (3) Connect the two electrical connectors (3) to the OHU (2).
- (4) Tighten the screw (5), lock washer (6), and two washers (4) which attach the bonding cable (7) to the OHU (2).

J. Follow-on
SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the HCP and HGS circuit breakers and remove the DO-NOT-CLOSE tag from them.



AIRCRAFT
MAINTENANCE MANUAL

- (2) Install the cockpit ceiling lining ([AMM TASK 25-12-01-400-801-A/400](#)).
- (3) Do the HGS operational test ([AMM TASK 34-23-00-700-801-A/500](#)).

