



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

HGS COMBINER - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM

1. General

- A. This section gives the procedure to remove/install the HGS Combiner.
- B. The HGS Combiner 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
34-23-04-000-801-A	HGS COMBINER - REMOVAL	AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM
34-23-04-400-801-A	HGS COMBINER - INSTALLATION	AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 34-23-04-000-801-A

EFFECTIVITY: AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM

2. HGS COMBINER - REMOVAL

A. General

- (1) This task gives the procedure to remove the HGS Combiner.

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

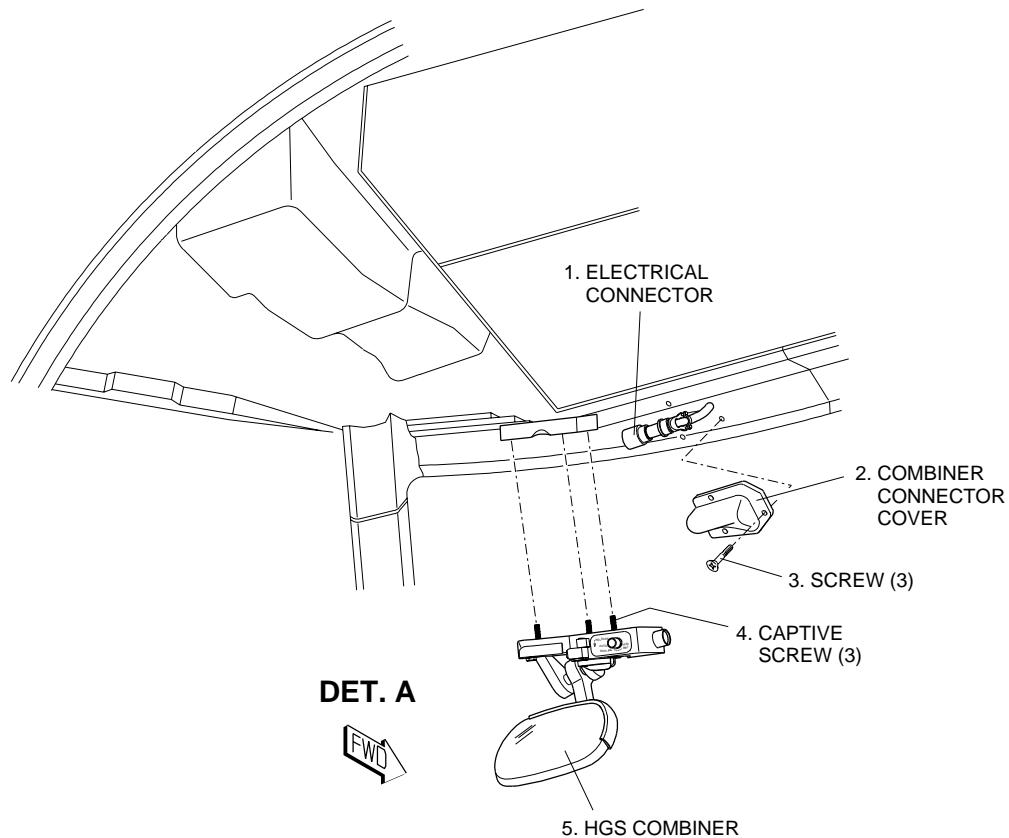
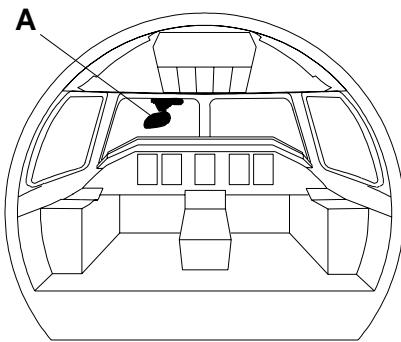
- (1) On the circuit breaker panel, open the OHU circuit breaker and attach a DO-NOT-CLOSE tag to it.

I. Removal (Figure 401)

SUBTASK 020-002-A

- (1) Remove the three screws (3) that attach the combiner connector cover (2) to the windshield upper lining.
- (2) Remove the combiner connector cover (2).
- (3) Disconnect the electrical connector (1) from the HGS Combiner (5).
- (4) Release the three captive screws (4).
- (5) Remove the HGS Combiner (5).

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



145AMM340442.MCE

TASK 34-23-04-400-801-A
EFFECTIVITY: AIRCRAFT WITH HEAD-UP GUIDANCE SYSTEM
3. HGS COMBINER - INSTALLATION
A. General

- (1) This task gives the procedure to install the HGS Combiner.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
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 HGS Combiner (5) in its installation position.
- (2) Tighten the three captive screws (4).
- (3) Connect the electrical connector (1) to the HGS combiner (5).
- (4) Put the combiner connector cover (2) in its installation position.
- (5) Tighten the three screws (3) that attach the combiner connector cover (2) to the windshield upper lining.

J. Follow-on
SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the OHU circuit breaker and remove the DO-NOT-CLOSE tag from it.



AIRCRAFT
MAINTENANCE MANUAL

-
- (2) Do the HGS operational test ([AMM TASK 34-23-00-700-801-A/500](#)).

