



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

VOR 2/3 ANTENNA DIVIDER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the VOR 2/3 Antenna Divider.
- B. 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
34-32-09-000-801-A	VOR 2/3 ANTENNA DIVIDER - REMOVAL	ALL
34-32-09-400-801-A	VOR 2/3 ANTENNA DIVIDER - INSTALLA- TION	ALL



AIRCRAFT MAINTENANCE MANUAL

TASK 34-32-09-000-801-A

EFFECTIVITY: ALL

2. VOR 2/3 ANTENNA DIVIDER - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the VOR 2/3 Antenna Divider.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
SB145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
214	113CZ	Forward electronic compartment - RH upper side

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	At the forward electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the VOR/ILS 3 circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) On aircraft PRE-MOD SB145-32-0036, make sure that the pressure in hydraulic system 1 is fully released (AMM TASK 29-10-00-860-802-A/200).



AIRCRAFT MAINTENANCE MANUAL

(3) On aircraft POST-MOD [SB145-32-0036](#), install the safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

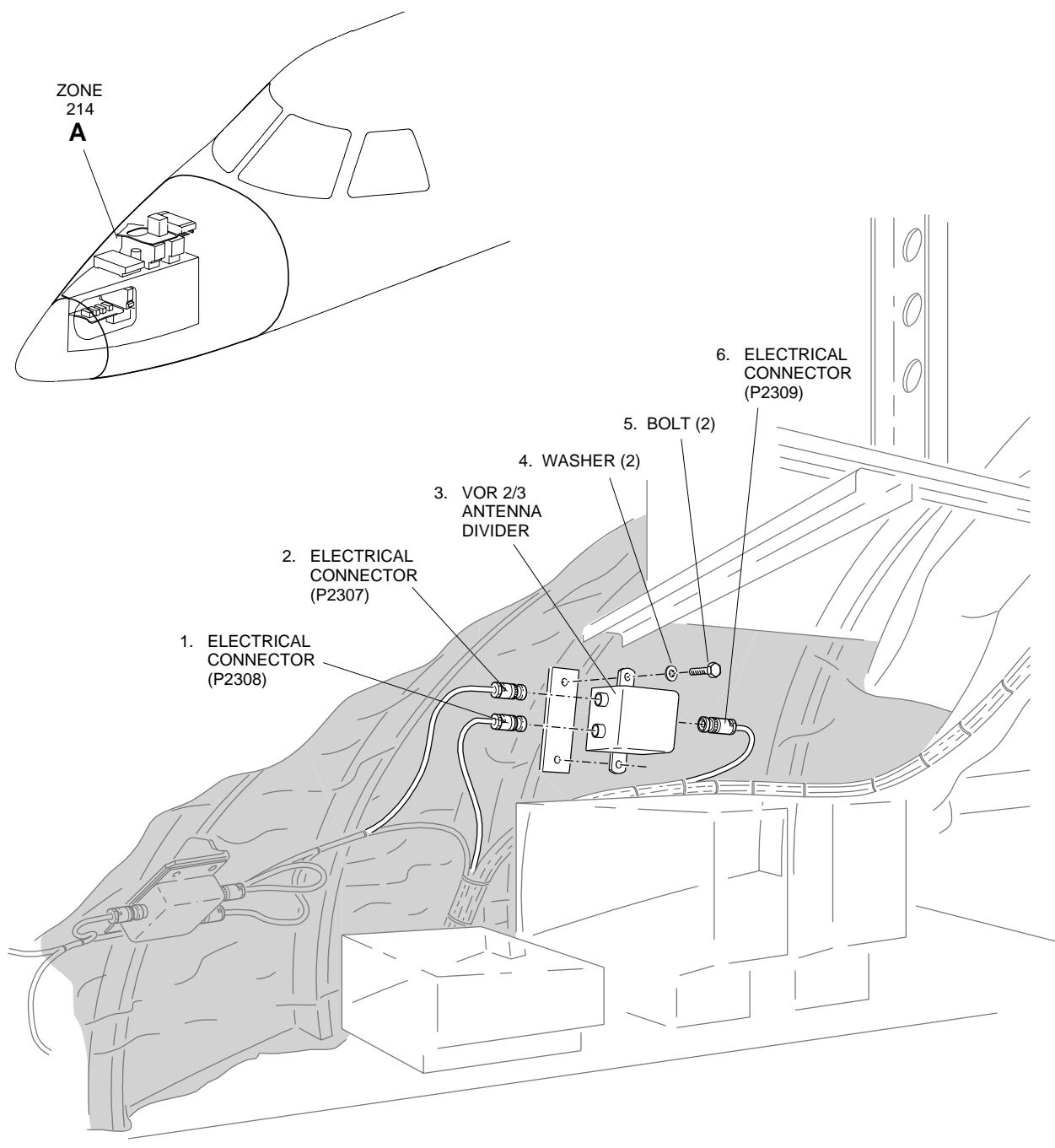
(4) Open access door 113CZ (AMM MPP 06-41-01/100).

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

SUBTASK 020-002-A

(1) Disconnect the three electrical connectors (1), (2), and (6).

(2) Remove the two bolts (5) and two washers (4) which attach the VOR 2/3 Antenna Divider (3) to the structure.

EFFECTIVITY: ALL
VOR 2/3 Antenna Divider - Removal/Installation
Figure 401

DET. A


145AMM340454.MCE



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 34-32-09-400-801-A

EFFECTIVITY: ALL

3. VOR 2/3 ANTENNA DIVIDER - INSTALLATION

A. General

(1) This procedure gives the instructions to install the VOR 2/3 Antenna Divider.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 20-30-05/200	- MAINTENANCE PRACTICES
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
AMM TASK 34-32-00-700-801-A/500	VOR/ILS SYSTEM OPERATIONAL TEST
SB145-32-0036	-
WM 20-50-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
214	113CZ	Forward electronic compartment - RH upper side

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM-D740	Methyl Ethyl Ketone	AR
MEP 10-057	Fluid-Resistant Nylon NYCOTE 7-11-DARK BLUE Varnish	AR
MIL-S-8660	Dow Corning No. 4 Lubricant Compound	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	At the forward electronic compartment



AIRCRAFT MAINTENANCE MANUAL

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) With a clean cloth soaked in methyl ethyl ketone, clean the aircraft area where the VOR 2/3 Antenna Divider (3) will be installed. Before you apply methyl ethyl ketone, wipe the area with a clean dry cloth.
- (2) Examine and clean or replace the electrical connectors (1), (2), and (6) as required (WM 20-50-00).
- (3) Put the VOR 2/3 Antenna Divider (3) in its installation position.
- (4) Tighten the two bolts (5) and two washers (4) which attach the VOR 2/3 Antenna Divider (3) to the structure.
- (5) Fill the internal part of the electrical connectors (1), (2), and (6) and their mates with Dow Corning N. 4 Lubricant Compound (WM 20-50-00).
- (6) Connect the electrical connectors (1), (2), and (6) to the VOR 2/3 Antenna Divider (3).
- (7) Apply a thin coat of Fluid-Resistant Nylon NYCOTE 7-11-DARK BLUE Varnish over the bolts (5).

NOTE: For more information about the varnish, refer to ([AMM MPP 20-30-05/200](#)).

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the VOR 3 circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (2) On aircraft POST-MOD [SB145-32-0036](#), remove the safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (3) Do the VOR/ILS System Operational Test ([AMM TASK 34-32-00-700-801-A/500](#)).
- (4) Close access door 113CZ (AMM MPP 06-41-01/100).