

VHF ANTENNA - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do a visual inspection on the VHF Antenna.
- B. A General Visual Inspection (GVI) is a visual examination of an exterior area to find obvious irregular conditions.
- 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
23-12-04-200-801-A ♦	VHF ANTENNA - INSPECTION	ALL

TASK 23-12-04-200-801-A

EFFECTIVITY: ALL

2. VHF ANTENNA - INSPECTION

A. General

- (1) This task gives the procedures for the general visual inspection of the VHF Antenna.
- (2) The inspection procedures are the same for the VHF Antennas I, II, and III.

B. References

REFERENCE	DESIGNATION
AMM TASK 23-12-04-000-801-A/400	VHF ANTENNAS - REMOVAL
AMM TASK 23-12-04-400-801-A/400	VHF ANTENNAS - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
132		Fuselage bottom - RH
243		Fuselage top - LH
253		Fuselage top - LH

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	On the aircraft

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) On the circuit breaker panel, open the circuit breakers listed below and attach a DO-NOT-CLOSE tag to them:
 - VHF 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/VHF 1).
 - VHF 2 (Location Tip: DC BUS 2/COMM/VHF 2).

- (Aircraft with VHF 3 system) VHF 3 (Location Tip: DC BUS 1/COMM/VHF 3).

J. Visual Inspection of the VHF Antenna

SUBTASK 212-002-A

- (1) Examine the VHF Antenna for cracks.

NOTE: Independently of the quantity of cracks found, only replace the VHF antenna if a crack extends across all the width of the leading edge.

- (a) If you find a crack and it extends across all the width of the leading edge, replace the VHF Antenna, as follows:
 - Remove the VHF Antenna ([AMM TASK 23-12-04-000-801-A/400](#)).
 - Install a new VHF Antenna ([AMM TASK 23-12-04-400-801-A/400](#)).

K. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the circuit breakers listed below and remove the DO-NOT-CLOSE tag from them:
 - VHF 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/VHF 1).
 - VHF 2 (Location Tip: DC BUS 2/COMM/VHF 2).
 - (Aircraft with VHF 3 system) VHF 3 (Location Tip: DC BUS 1/COMM/VHF 3).

