



AIRCRAFT MAINTENANCE MANUAL

FLITEFONE ANTENNA - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove/install the Flitefone antenna.
- B. There are two FLITEFONE antennas. One is standard and the other is optional. They are installed behind panel LH171 at the aircraft bottom.
- 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
23-13-02-000-801-A	FLITEFONE ANTENNA - REMOVAL	ACFT MODEL(S) EMB-145
23-13-02-400-801-A	FLITEFONE ANTENNA - INSTALLATION	ACFT MODEL(S) EMB-145



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TASK 23-13-02-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. FLITEFONE ANTENNA - REMOVAL

A. General

- (1) This task gives the procedures to remove the Flitefone antenna.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
270	LH171	On the fuselage bottom

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 fuselage bottom, panel LH171

I. Preparation

SUBTASK 841-003-A

- (1) Make sure that the Flitefone transmitter is turned off.

J. Removal (Figure 401)

SUBTASK 020-003-A

- (1) In the baggage compartment, remove floor panel 271BF and/or 271AF (AMM MPP 06-41-02/100).
- (2) Disconnect the cable connector (4) of the antenna connector.
- (3) Carefully remove the sealant (2) from around the antenna connector.
- (4) On the fuselage outer side, remove the sealant (1) on the screws and around the antenna (3).



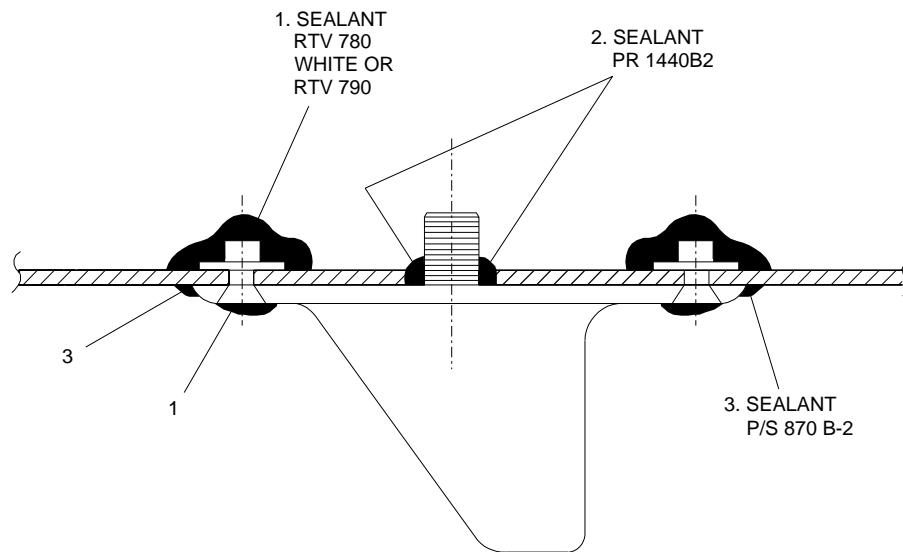
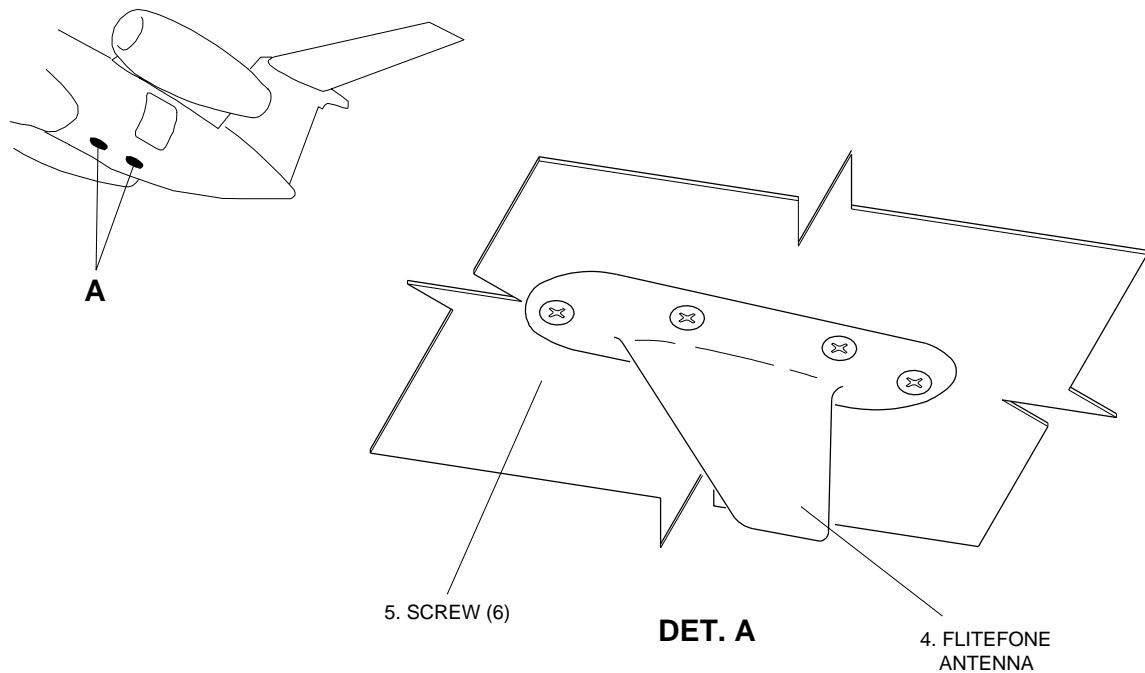
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- (5) Remove the screws (6).
- (6) Remove the antenna (5).

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Flitefone Antenna - Removal/Installation

Figure 401



SECTION VIEW

145AMM230161.MCE B



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TASK 23-13-02-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. FLITEFONE ANTENNA - INSTALLATION

A. General

- (1) This task gives the procedures to install the Flitefone antenna.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM MPP 20-30-03/200	- MAINTENANCE PRACTICES
AMM TASK 20-11-01-910-801-A/200	ANTENNA SEALING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
270	LH171	On the fuselage bottom

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
FED. SPEC. TT-S-00230	Sealant RTV 780 (WHITE)	AR
FED. SPEC. TT-S-00230	Sealant RTV 790	AR
MIL-S-8802F TYPE II - CLASS B2	Sealant PR 1440B2	AR
MIL-S-81733 TYPE II - 2	Sealant P/S 870 B-2	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the fuselage bottom, panel LH171

I. Installation (Figure 401)

SUBTASK 402-003-A

- (1) Make sure that the area where the antenna will be installed is clean.

- (2) Put the antenna (5) in position and tighten the screws (6).



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- (3) Apply sealant P/S 870 B-2 ([AMM TASK 20-11-01-910-801-A/200](#)) around the antenna.
- (4) Apply sealant RTV 780 (WHITE) or RTV 790 (for an alternative sealant, refer to [AMM MPP 20-30-03/200](#)) to the screws ([AMM TASK 20-11-01-910-801-A/200](#)).
- (5) On the inner side of the fuselage, apply sealant PR 1440B2 (for an alternative sealant, refer to [AMM MPP 20-30-03/200](#)) around the antenna ([AMM TASK 20-11-01-910-801-A/200](#)).
- (6) Connect the cable connector (4) of the antenna connector.

J. Follow-on

SUBTASK 842-003-A

- (1) Do an operational test of the Flitefone.
- (2) Install floor panel 271BF and/or 271AF (AMM MPP 06-41-02/100).