

## 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
<a href="#">23-13-02-000-801-A</a>	FLITEFONE ANTENNA - REMOVAL	ACFT MODEL(S) EMB-145
<a href="#">23-13-02-400-801-A</a>	FLITEFONE ANTENNA - INSTALLATION	ACFT MODEL(S) EMB-145

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**

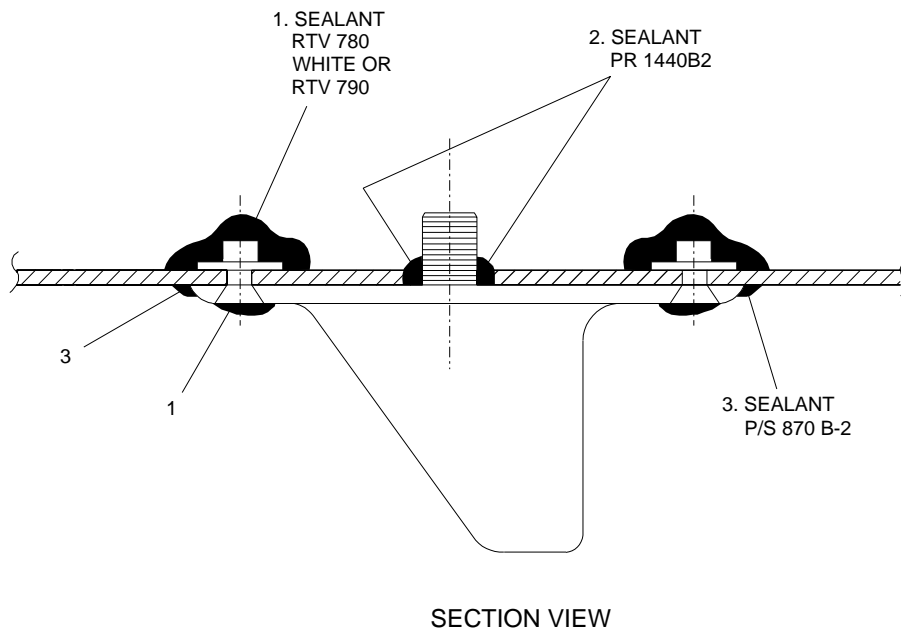
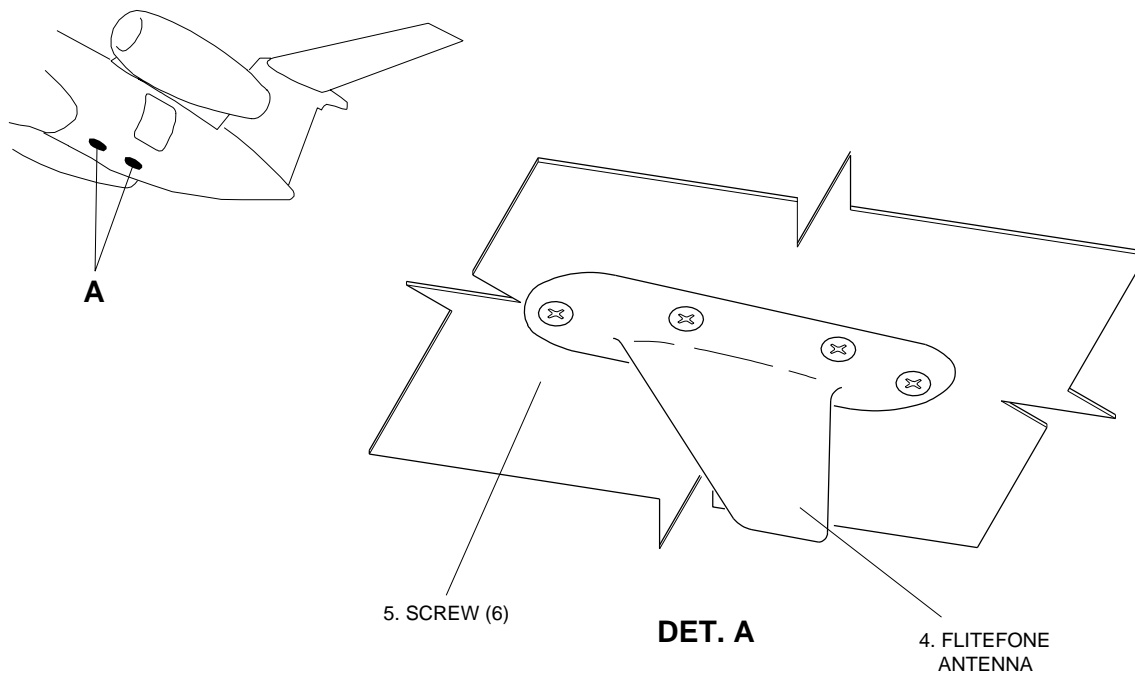
- (1) In the baggage compartment, remove floor panel 271BF and/or 271AF (AMM MPP 06-41-02/100).
- (2) Disconnect the cable connector (4) of the antenna connector.
- (3) Carefully remove the sealant (2) from around the antenna connector.
- (4) On the fuselage outer side, remove the sealant (1) on the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

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

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Flitefone Antenna - Removal/Installation

Figure 401



145AMM230161.MCE B

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).

- (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](#)).