



July 2, 2003

Federal Aviation Administration
Mr. Mario Jimenez, ASR-100 NISC
800 Independence Avenue, S.W.
Washington, DC 20591

Dear Mr. Jimenez,

As required by 47CFR87.147, please accept this as a Letter of Coordination for DME Corporation's 406 MHz Emergency Locator Transmitter (KTF406-ELT). The specific equipment discussed is a Type "S" Emergency Locator Transmitter, which operates on the 121.5 and 243.0 MHz Homer frequency, and 406.028 MHz.

Currently DME has Cospas-Sarsat Type Approval for this beacon and is in the process of obtaining FAA TSO C-126 certification (we expect that certification within a week).

Description

The Model SRB-406 Emergency Locator Transmitter (ELT) is a survival-type transmitter manufactured for use on aviation life rafts. The ELT broadcasts on 121.5 MHz, 243.0 MHz, and 406.028 MHz.

Emissions Type/Rated Power Output

121.5 MHz

Output Power: 50mw
Emission Designator: 3K20A3X
Frequency Tolerance: 50ppm
Frequency Range: 121.494 – 121.506 MHz

6830 N.W. 16th Terrace, Fort Lauderdale, FL 33309
(954) 975-2100 * Fax (954) 979-3313 * www.dmecorp.com



243.0 MHZ

Output Power: 50mw
Emission Designator: 3K20A3X
Frequency Tolerance: 50ppm
Frequency Range: 242.988 – 243.012 MHz

406.028 MHz

Output Power: 5w
Emission Designator: 16KOG1D
Frequency Tolerance: 17.115 ppm
Frequency Range: 406.027 – 406.029 MHz

Antenna Characteristics

The antenna(s) is an omni-directional, vertically polarized, whip antenna. The antenna assembly consists of a pliant rubber base and a replaceable flexible whip antenna mounted in a base. The antenna is resonant at 121.5 MHz, 243.0 MHz and 406.028 MHz.

The rubber antenna base features activation sensors that operate by water contact or other low resistance contact. The base also incorporates a RF ground plane, which enhances RF transmission when in contact with the raft surface.

If there is any further information you require, you can reach me at 954-975-2136. Please feel free to contact me at your convenience.

Sincerely yours,
DME Corporation

Michael Wooster
Program Manager

