



1. Applicability

All Australian registered aircraft fitted with, or to be fitted with, an Artex 406 ELT.

2. Purpose

This Bulletin is to provide information on the airspeed limitations of Artex ELT antenna.

3. Reference

Description, Operation, Installation and Maintenance Manual ME406 and ME406HM ELT, 570-1600 Rev. G

4. Background

The installation instructions for the Artex 406 MHz ELT identify the following two antennae and the installation limitations of each type:

2.4.1.1 Type of Aircraft

The 110-773 Whip Antenna is designed for installation on fixed wing subsonic aircraft with reciprocating engines and is rated for a maximum airspeed of 200 KIAS (Knots Indicated Airspeed at Sea Level).

NOTE: Artex does not recommend the use of the 110-773 Whip Antenna for helicopter installations.

The P/N 110-338 Rod Antenna is designed for installation on fixed or rotor wing subsonic aircraft with reciprocating or turbine engines and is rated for a maximum airspeed of 350 KTAS (Knots True Airspeed at 25,000 feet).

Questions have been raised as to what does 200 KIAS refer to. Artex has advised that this figure means Vne, the design maximum airspeed of the aircraft.

5. Recommendation

Installers should review the installation data and the airspeed figures of the aircraft. The antenna to be fitted should be the appropriate antenna for the airspeed of the particular aircraft.

Owners should ensure they have an antenna fitted appropriate to their aircraft speed.



Artex ELT Installation

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6. Enquiries

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