

**KANNAD 406 AF COMPACT****FIRST POWER UP PROCEDURE****1. REASON**

Misunderstanding between first power up procedure to be performed for an initial installation of a KANNAD 406 AF COMPACT ELT and first power up procedure when replacing this ELT for maintenance purpose.

**2. DESCRIPTION**

When installing a KANNAD 406 AF COMPACT ELT for the first time, some avionics workshop use the User Manual (DOC06006) instead of the Initial Installation Guide (DOC07087) . Consequently they may think that the 406 & 121.5 MHz transmission test is optional.

When installing a KANNAD 406 AF COMPACT ELT for the first time, the Initial Installation Guide (DOC07087) must be followed and the first power up procedure performed as described in this manual, i.e. 406<sup>(1)</sup> & 121.5 MHz transmission test is not optional<sup>(1)</sup> and must be performed to check the line between the ELT and the antenna and to check the antenna.

When replacing a KANNAD 406 AF COMPACT ELT by another KANNAD 406 AF COMPACT ELT (neither mounting bracket, nor RCP nor antenna to mount), the User Manual (DOC06006) must be used and, as the line between the ELT and the antenna was already checked, 406 & 121.5 MHz transmission test may be considered as optional.

**NOTE:** <sup>(1)</sup> 406 MHz transmission test must be performed with a COSPAS-SARSAT decoder. Nevertheless, if this equipment is not available, this step can be skipped: [Refer to 4. INITIAL INSTALLATION, B. Test without Cospas-Sarsat decoder \(if Cospas-Sarsat decoder is not available\).](#)

**3. EFFECTIVITY**

This Service Letter is applicable to the following types of ELTs manufactured by KANNAD:

KANNAD 406 AF-COMPACT            S1840501-01

PACK KANNAD 406 AF-COMPACT   S1840501-02

KANNAD 406 AF-COMPACT UNIT   S1840501-03

**4. INITIAL INSTALLATION****A. Test with Cospas-Sarsat decoder (if available)**

- Check 121.5 MHz using the on-board VHF receiver, or a Cospas-Sarsat decoder or another VHF receiver.
- Check the coding of 406 MHz using the Cospas-Sarsat decoder. This also validates the antenna.

**B. Test without Cospas-Sarsat decoder (if Cospas-Sarsat decoder is not available)**

- Check 121.5 MHz using a VHF receiver (not the on-board VHF receiver) several dozens meters away from the antenna. This ensures to validate the antenna.
- The coding sheet supplied by the programmer for the beacon (or dongle) with the corresponding CSN proves that the beacon (or dongle) is correctly programmed.

**5. CONTACT**

For any further information, please feel free to contact our customer support at:

KANNAD

SAR Line of Products

Zone Industrielle des Cinq Chemins BP 23

56520 GUIDEL

FRANCE

E-mail: [support.sar@kannad.com](mailto:support.sar@kannad.com)

Tel.: +33 (0)2 97 02 49 00