

EOMD017-Installation Instructions

VHF Communication Transceiver

KRT2, P/N 100-(0001)-(060)

Dok. Nr. : **EOMD017-Installation Instruction**
Revision : **-**
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Trieb GmbH
8643 Allerheiligen 38
Austria

1. General:

The primary intent of this document is providing all required information for installation of a Dittel Avionik KRT2 VHF Communication Transceiver on the airplanes listed on the EASA Minor Change Approval.

The installation must be carried out by a qualified person in compliance to the instructions of this document and the User & Installation manual VHF- Communication Transceiver KTR 2, Doc.No. DE-3000-800100e, latest effective issue.

All installation work must be performed in accordance with acceptable methods, techniques and practices for aircraft alterations, inspections and repair as shown in FAA documents AC 43.13-1B and FAA AC 43.13-2B

2. Configuration:

The KRT2 shall be securely attached to the airplanes instrument panel on a location easily accessible for the crew but not adversely affecting visibility of the required minimum equipment as defined in the Section 2, Operating Limitations of the Aircraft Flight Manual. Ideally the distance to the aircraft magnetic compass exceeds 30cm. The supporting structure must be capable that the unit represents no physical hazard to any occupant in the event of hard landing or crash.

The KRT2 shall be connected to the aircraft electric system via a 3A circuit protective device of similar type as already used on the airplane.

3. Approval:

Installation of the KRT2 in accordance with EASA Minor Change Approval Project no. 0060039619-001 requires a written permission and shall be in compliance to the instructions given in this document.

It's the responsibility of the aircraft operator to ensure compliance to this installation instructions and the User & Installation manual VHF- Communication Transceiver KTR 2, Doc.No. DE-3000-800100e, latest effective issue.

The written permission can be obtained from Trieb GmbH using the form in appendix EOMD017-Permission Letter.

4. Detailed Installation Instructions:

4.1 Mounting: Installation of the KRT2 shall be performed iaw Section **2. Configuration** and the applicable information of the User & Installation manual VHF- Communication Transceiver KTR 2, Doc.No. DE-3000-800100e, latest effective issue. Applicable sections of FAA AC 43.13-2B must be considered.

4.2 Electrical System: Install the required connection iaw Section **2. Configuration** and the applicable information of the User & Installation manual VHF- Communication Transceiver

KTR 2, Doc.No. DE-3000-800100e, latest effective issue. Wiring shall be of sufficient cross section and installed iaw FAA AC 43.13-1B.

4.3 Aircraft Log: Perform amendments to the aircraft logs. The VHF COM shall be listed with part no. and serial no.

4.4 Post Installation Test: Proper function of the VHF COM shall be verified following the instructions of ground tests GTMD-017.

4.5 W&B: Perform an update of the airplanes W&B record.

4.6 Release to Service: The installation is to be released to service and documented according to Commission Regulation (EC) No 2042/2003.

5. Attachments:

- GTMD-017: Ground Test
- EOMD017-Permission Letter