

## SERVICE BULLETIN SB Type TRT800\_A\_H-1/2018 Rev1.00

### TO

All operators of f.u.n.k.e. AVIONICS / Funkwerk Avionics / Filser Electronic  
Mode S transponders.

## 1 Planning Information

### 1A Effectivity

Mode-S Transponder TRT800	All Part-Numbers, serial numbers up to including 30430008
Mode-S Transponder TRT800A	All Part-Numbers, serial numbers up to including 40549908
Mode-S Transponder TRT800H	All Part-Numbers, serial numbers up to including 30480009

#### **All units NOT marked with MOD-Index 11**

The "Mod. Index-Label" is attached at the back side of the transponder.

### 1B Concurrent Requirements

Not applicable

### 1C Reason

The TRT800H transponder may not be detected by certain interrogator stations in France due to a new interrogation method which is incompatible with the transponder's receiver without modification "MOD 11".

### 1D Description

In order to avoid disruptions in the affected Mode S air traffic areas, the following Modifications have to be implemented:

Installation of MOD11: Change of receiver board.

### 1E Compliance

Introduction of this SB is optional.

## 1F Approval

This modification has been approved as minor change to ETSO approvals;

EASA 21O.045	(TRT800)
EASA.21O.268	(TRT800A)
EASA.21O.269	(TRT800H)

## 1G Manpower

30 minutes

## 1H Weight and Balance

Not affected

## 1I Electrical Load Data

Not affected

## 1J Software Accomplishment

Not affected

## 1K Reference

None

## 1L Publications Affected

Not affected

## 2 Material Information

Not applicable

## 3 Accomplishment Instructions

The modification is very comprehensive and can only be done by the manufacturer.

Please send the transceiver to the following address:

f.u.n.k.e. AVIONICS GmbH  
Heinz-Strachowitz-Str. 4  
DE-86807 Buchloe

In order to facilitate a rapid return of shipments in case of repairs, please follow the instructions of the input guide "Reshipment RMA" provided at the Service-Area within the f.u.n.k.e. AVIONICS web portal [www.funkeavionics.de](http://www.funkeavionics.de)

## 3A Working Instructions

Not applicable

## 3B Modification Status Marking

Modified transponders will be marked with Modification Index 11.

## 3C Acceptance Testing

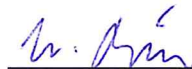
After introduction of Modification Index 11 the Mode-S Transponder TRT800 installation checkout shall be done in accordance with the installation and operation Manual TRT800, Document Number 03.2101.010.71, 03.2102.010.71, 03.2103.010.71 to ensure safe aircraft operation.

After introduction of Modification Index 11 the Mode-S Transponder TRT800A installation checkout shall be done in accordance with the installation and operation Manual TRT800A, Document Number 03.2111.010.71, 03.2112.010.71 to ensure safe aircraft operation.

After introduction of Modification Index 11 the Mode-S Transponder TRT800H installation checkout shall be done in accordance with the installation and operation Manual TRT800H, Document Number 03.212.010.71, 03.2122.010.71, 03.2123.010.71 to ensure safe aircraft operation.

## 4 Release

DO:

  
Signed

10.10.2018  
Date

MPL:

  
Signed

10.10.2018  
Date

QML:

  
Signed

10/10/2018  
Date

*This information has been produced in accordance with alternative procedures  
to DOA EASA AP013.*