

Service Bulletin

S.B. No: 152

Title: AIRBORNE ILS (LOCALISER) VOR AND VHF COMMUNICATIONS - IMPROVED FM BROADCAST INTERFERENCE IMMUNITY STANDARDS/PLACARDING

Classification: This Service Bulletin has been classified by SAL as Essential

Compliance: Within next 50 flying hours

Applicability: T67A, T67B, T67C Series, T67M, T67M-MkII, T67M200, T67M260 and T67M260-T3A operating within Europe, Africa, Russia or the Middle East

N.B. Please obtain & review CAA Airworthiness Notice 84 latest issue

INTRODUCTION:

The 1979 World Administrative Radio Conference (WARC-79) of the International Telecommunication Union extended the VHF FM sound broadcasting band from an upper limit of 100 MHz in ITU Region 1 and parts of Region 3, ie Europe, Africa, Russia and the Middle East. Use by broadcasters of the extended band increases the **risk of interference** to the aeronautical VHF navigation (ILS localiser and VOR) and VHF communication services.

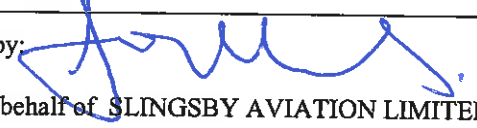
REQUIREMENTS/ACTION:

SAL Service Bulletin 152 Issue 1 was based on information contained in CAA Airworthiness Notice 84 Issue 3. Because AWN 84 has subsequently been up issued twice, and further updates are likely to follow, no in depth attempt to embody all the relevant information contained in the current issue of AWN 84 (Issue 5) will be made here.

It is the responsibility of T67 operators to refer directly to the latest issue of CAA Airworthiness Notice 84 for UK registered aircraft and to local airworthiness regulations for aircraft registered outside the UK.

SAL strongly advise replacement of non-compliant equipment with items conforming to the latest FM Broadcast Immunity Standards (Refer to AWN 84 Issue 5).

However, if T67 operators choose not to remove VHF ILS Localiser, VOR and VHF Communications Receivers, installed in UK registered T67 aircraft, which do not comply with current broadcast immunity standards, detailed in CAA Airworthiness Notice 84, current issue (Issue 5) the equipment is required to be placarded. Such equipment will also be subject to operating limitations and may not be used to comply with a requirement for mandatory carriage of radio equipment.

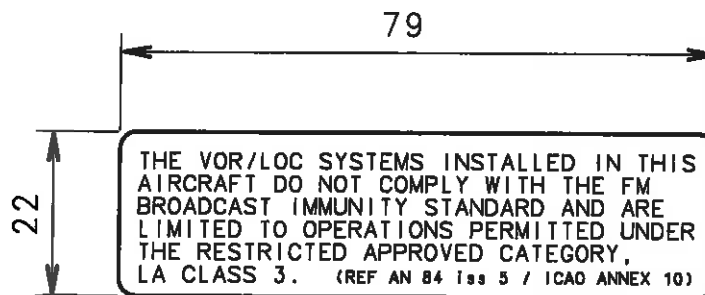
Approved by:  For and on behalf of SLINGSBY AVIATION LIMITED	Date: 1 ST Aug. 02	Issue 2
Kirkbymoorside, York. YO62 6EZ Tel: 01751 432474 Fax No: 01751 431173 E-mail: SAL5@Slingsby.co.uk	Page 1 of 3	

Suitable placards are available from SAL Product Support Department, as follows:

1. VHF ILS Localiser/VOR receiving equipment:

Placard Part No. T67B-83-844

The placard is as below:

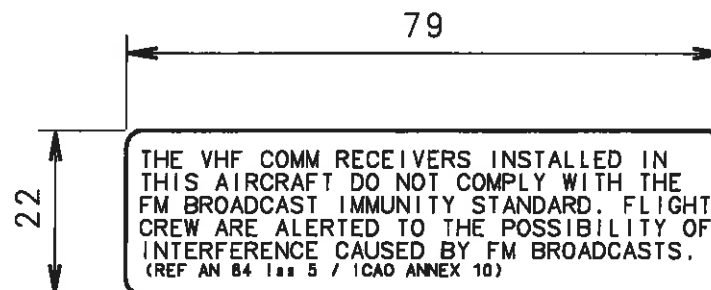


The fitting of this placard invokes SAL Mod M946A. Annotate log book "AWN 84 Issue 5 complied with and Mod M946A incorporated" if applicable.

2. VHF Communications Receivers

Placard Part No. T67B-83-845

The placard is as below:



The fitting of this placard invokes SAL Mod M946B. Annotate log book "AWN 84 Issue 5 complied with and Mod M946B incorporated" if applicable.

IMPORTANT NOTE

The above placards are suitable for use only where compliance with Issue 5 of CAA Airworthiness Notice 84 is being undertaken.

These placards may not necessarily be useful where compliance with later issues of AWN 84 is the objective and operators are responsible for ensuring compliance with current Airworthiness Documentation.

Both Mod M946A and Mod M946B can be applied to aircraft which either do or do not have Mod M834 incorporated.

Mod M946A supersedes SAL Mod M834 which calls for the fitting of a single placard for NAV equipment only.

NB

The latest issue of CAA Airworthiness Notice 84 has priority over this Service Bulletin, should any conflict exist.

No further updates of this Service Bulletin are scheduled to take place. Please refer to the latest and subsequent issues of AWN84 to ensure the continued compliance with requirements with regard to FM Broadcast Immunity of VHF Nav and Comm systems.