



P A R K A I R E L E C T R O N I C S

9 October, 2000

Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh
PA 15251-5315
USA

Ref: FCC ID C8LBT6MBS Application EA 98998 FRN 0003-7782-63

Dear Sirs,

Please find enclosed an application for Type Certification of a VHF aeronautical transceiver under Part 87 rules. This transceiver consists of an unmodified mobile radio (FCC ID C8LBT6M Application EA97773), an AC power supply and an interface module mounted in a moulded cabinet.

This radio is capable of operating with channel spacing's of 8.33kHz and 25kHz however, for the American market the equipment shall only be sold for operation on 25kHz-channel spacing.

Only radios supplied for operation on 25kHz shall be marked with the FCC ID number.

Since the RF parameters are governed by the mobile radio and this remains unmodified, please refer to the Mobile application for RF performance information regarding this application.

The modulation input is routed via an interface module so I have enclosed a supplementary report covering the modulation characteristics. Only line buffering / level shifting is employed on this board so the modulation characteristic is essentially the same as the mobile on its own.

Also included is a brief extract from the EMC approvals report produced by Cambridge Test & Measurement Services which shows compliance with EN55022 Class B for emissions. The UK Type examination certificate based on this report is also filed.

Should you require further information in support of this application please do not hesitate to contact me.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'A Horsfield', written in a cursive style.

Allan Horsfield
Principal Engineer

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EMC and Approvals