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STATION KIT, RADIO AMPLIFIER, R.F. NO 7

(Power Supply, Rotary No 47 and Loading Coil Assembly, Aerial)

TECHNICAL HANDBOOK - UNIT REPAIRS

This EMER must be read in conjunction with Tels L 392 Part 2 which contains figures and tables to which reference is made.

INTRODUCTION

1. This equipment is sealed and must not be opened for Unit repairs. As the set is secured to the sides and front of the case, unauthorised opening may result in damage.

MECHANICAL REPAIRS AND ADJUSTMENTS

Amplifier

2. For the method of removal and replacement of the collet type knobs see EMER Tels H 163 para 9.
3. Examine all connectors for frayed ends or damaged insulation. Connectors with a metal braid covering should have the braid securely bonded to the metal plugs.
4. To change the meter and scale lamps, remove the cover which has the antenna tuning chart attached by unscrewing the two knurled screws. The lamps are accessible by

unscrewing the individual lamp cover, faulty ones may be withdrawn and replaced by Lamp filament 1.2W, 12V midget flange, clear, 6240-99-995-9120.

P.S.R. No 47

Fuse replacement

5. If the fuse in the p.s.r. blows, all supplies will be disconnected from the amplifier and the rotary generator will not start. Replace with the 7A fuse provided as a spare on the front panel of the p.s.r.

Circuit breaker

6. When excessive current is taken by the rotary generator, the reset knob is pushed out by a spring and the circuit is broken. The circuit breaker is reset by removing the transparent cover and pushing the reset control hard in. If it cannot be reset, a fault exists in the p.s.r. No 47 or the amplifier.

END

EME8c/2584/Tels