

W/T Set Field 500 watt Spark

DATA SUMMARY

Purpose: Corps Directing Station

Year of introduction: 1918/19

System: Quenched spark gap (Telefunken pattern)

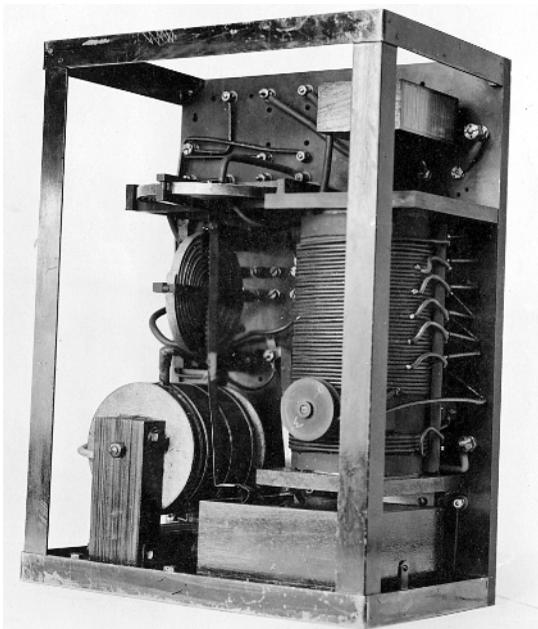
Frequency Coverage: Transmit: 200, 350, 400, 450, 500 and 550 metres: Receive: variable, probably from 110 to 700 metres

Receiver: W/T Set Field 120 watt Spark D.C. Receiver

Type of Aerial: 200ft horizontal twin-wire T-type aerial on two 30ft masts, and earth nets

Power Supply: 500 watt alternator driven by a 4½hp A.B.C. engine

Note: It is believed that this set was intended as an alternative to the Light Motor Set. The design was based on the RAF 'Transmitter W/T Aircraft, Quenched Spark' (also known as 'Aircraft Transmitter 500 watt Quenched Spark'). The set consists of a transmitting panel and a receiving panel which fit, side by side, into an outer case in which are also compartments for accessories. We believe that only a small number of sets were produced



Rear view of W/T Set Field 500 watt Spark transmitter unit

A slightly modified W/T Set Field 120 watt Spark Receiver was used with the W/T Set Field 500 watt Spark. Note that this version has two pairs of headphone terminals at the bottom of the front panel

