

(b) Integrated Brit-Cdn Development Programme

(i) Tropicalized Amplifier and Power Pack Unit for Seven Pen Recorder for the Purpose of locating Enemy Mortar by Sound Ranging Methods - Two pilot models incorporating a number of changes requested by UK have been shipped to UK for trials. One additional model incorporating all changes requested under constr is expected to be completed by the end of Aug.

(ii) Wr1s Set X88B - Three complete models being built at CSRDE are expected to be completed by the middle of Aug. Samples of microphone and headgear assemblies, using a Western electric noise cancelling microphone, and telescopic aerials using flexible joints, have been received.

(iii) Carrier Shift Keying Egpt - The four development models type FRE have passed all tests of US Specification CS 5. The two keying units completed by RCA have now passed all lab tests. Op trials are now under way.

31. CW

(a) Respirator Components Accepted - month of Jun 45

Lt Type

Containers Mk II (Green Dot)	5,116 accepted
Facepieces	12,360 accepted

(b) Experimental Sta, Suffield

Clearance of M10 Tks for Spraying from Mitchell III Aircraft

As a result of experiments, it has been concluded that the Mitchell III aircraft is suitable for spray from 4 M10 tks carried on the Brit Mk III Universal Carrier on the outboard wing positions.

(c) CWL, Ottawa

Generator coloured Smoke, Cdn Pattern

A report has been issued on the development of two Orange Smoke Generators which have instantaneous ignition and produce a large volume of vividly coloured orange smoke for the whole period of emission. These generators contain 19 and 16 oz of smoke filling, and burn for 3 minutes and 1½ minutes respectively.

32. MECH ENGINEERING

(a) Fungus growth in new Cdn manufactured binoculars has been found to occur during storage. This is being remedied by humidity controlled (Method 2) packaging.

(b) The tabling of all DND liquid fuels and lubricants with Brit and American equivalents, container sizes and issuing services, has been published and issued to the fd. Subsequently, DND Lubricant Specifications and Charts have been made available to the Chinese Govt War Agency.