

(b) Maint - Tech Eqpt

(i) The Pilot Model of the Unit Maint Veh for the Res Army has been approved. Work has commenced on the remaining eleven vehs.

(ii) Replacement parts have been installed in Users' Trial Sets at National Research Council 2 Fd Sta.

(c) Modification of War Eqpt

At a meeting to discuss interchangeability of parts between Cdn Predictors AA No 3 and American Directors M6, it was established that any necessary fitting, with the exception of Computing Units, can be carried out in the field with existing Wksp facilities.

DEVELOPMENT OF VEHS AND SMALL ARMS (Week ending 3 Jul)

24. (a) AFVs

(i) Exhaust Smoke Emitter - Carbonization tests have been completed without encountering difficulties. A new style diffuser-jet-plug of stainless steel is being made.

(ii) 2-in Bomb-Thrower in Arm'd Car - Installation drawing has been completed.

(iii) Stowage - Grizzly I - All requested modifications are to be included in production.

(b) Proving Ground

(i) Wksp Lorry 6 x 6 - User trials were completed.

(ii) Exhaust Smoke Emitter - The coking of nozzles is being examined.

(c) Small Arms

(i) Cdn Quad 20-mm AA Mtg - Firing practices recently completed against drogues indicate that the eqpt would be most useful.

(ii) Cdn Single 20-mm AA Mtg - This mount performed very well during brief firing trials conducted against drogues. After completion of road trials, it was returned to the manufacturer for modifications in preparation for shipment to the UK.

(iii) Single 20-mm AA Mtg M2E1 - Having been subjected to drogue firing trials, it compares favourably with other similar mountings.

(d) Design

(i) Scout Car Lynx I - Improved pilot model will be completed in two weeks.

(ii) Universal Scout Car - The first pilot model will be tested using temporarily the standard 95 HP Ford Engine. This veh is radically different from any other model produced in Canada to date and finalization of design is not imminent.

(iii) Arm'd Full Track Snowmobile - A demonstration has been made and the pilot model is nearly complete.

(iv) 1500-Gal Petrol-Tanker Semi-Trailer - Pilot model using 3-ton 4 x 4 133-in WB Chassis is under constr.