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ILION RESEARCH DIVISION  
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MODEL 1100 WEIGHTED LT-20, 28 and 410 SKEET GUNS

Components for both new systems are due from the Model Shop by 9-15-78.

XSG

Two Du Pont Vespel formulations, SP polyimide and KS aramid resins, have been tried for use as gas system pistons. Both were unsuccessful. Du Pont experts feel that breakage is due to internal stresses caused by high surface temperatures and low thermal conductivity of the materials. Further work on molded pistons will not be done until more promising materials become available.

New components for the A3 integral piston gas system will be available for test the week of 8-28-78. New action springs have been received from our vendor and will be included in the test as will a stronger extractor spring and experimental O-rings (new material).

MODEL 870 ALL GAUGES - WOOD COSMETICS

Drawings are complete. They will be checked and transmitted by 8-30-78.

MODEL 3200 SKEET SET

A "Barrel Assembly, Fitted" drawing was prepared and transmitted. It specifies the fitting operations necessary to match extra barrel assemblies to frames. Its primary purpose, however, is to provide for separate part and order numbers for extra skeet barrel assemblies for cost allocation.

*Remington Arms Company, Inc.*