

ILION RESEARCH DIVISION
MONTHLY PROGRESS REPORT
AUGUST 1978

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MODEL 3200 SKEET SET Continued

The first Trial and Pilot set was tested and targeted on 8-23-78. There were no significant problems during assembly, fitting or testing operations. All barrels targeted within specification. Four more sets are to be completed within the next few days.

MODELS 7400 - 7600

We are continuing to work on 7400 malfunction problems. Several potential changes have been identified and tested independently. We are now preparing 15 rifles which will include all of the changes as a package. They are; a solid barrel nut, longer ejection port, rivetless extractor (7 guns), rotated extractor (8 guns), and confirmed magazine box location cut. Also included in the test will be the new firing pins, new hammers, radiused antirotation cut on barrel extension, and receiver inserts with confirmed heat treat and straightness specs. Guns will be ready for test about the third week in September. Testing will include pertinent specification checks and a 400 round field function test per gun, 100% shoulder shooting.

New magazine box assemblies will not be ready until October. Upon receipt, these boxes will be tested in the above guns as an independent variable.