

Matching Program Report

J. W. Books

6-20-78

11870 Competition Tests

Several parts have been redesigned to reduce the muzzle heavy feeling caused by mounting aluminum magnetic cage, ^{shorter} fore and return nut, shorter fore end tube + remove material from vent side ports. Tests are to be run to see what effect ^{slightly} at lighter piston will have on recoil.

11870 Target Trigger

Two models for the 11870 have been completed. Two models for the 11870 will be completed by the end of June. They will then be put in test in the test lab. ^{plant} ^{has been} ^{estimated} 7 MM - 06 DEC 1978

Transmittal of drawing has been received.

Mechanical Trap

Operations Committee approved of the ~~Hand~~ ^{Hand} Trap was received on June 13. Transmittal of the trap would be complete by next week. The manual should be complete by August.

The Solenoid Release Trap with cushion lever is still in field test.

General
Marketing is
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#541-22 Hornet.

a single shot model was assembled & tested.
Because of assembly problem headspace was
.073. J.A.M.I. recommends .065 to .072. The
headspace did not change during assembly. After
18 rounds a head separation was experienced. Head
space was still .073.

A new bolt was fitted giving a head
space of .066. 21 rounds later .071.

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a fire control stud was broken. It is
being repaired so that further investigation
because it is felt that number 1 is the cause
of the twist but left problem a new machine
is being made with gears 20 to 25 teeth
in this section just being replaced. This
should be ready for assembly within five weeks.

11700 Fire control

a Sample class safety can assembly & trigger
have been finished and assembled into a fire control.
Alterations have been made and new parts will
be ready for assembly & test this week.