

Machining Progress Report

J W Brooks

6-22-78

M 870 Competition Trans

Several parts have been redesigned to reduce the inky, heavy feeling indicated in assembly. Aluminum magnetic caps, ^{shorter} fore end retaining nut, shorter fore end tube + remove material from vent side ports. Tests are to be run to see what effect ^{slightly} lighter piston will have on result.

M 870 Target Trigger

Two models for the M 870 have been completed.

Two models for the M 1100 will be completed by the end of June.

They will then be put in test in the test lab.
 Johnson has been in consultation

7 MM - 36 DCM

Transmitted a drawing was shown.

Mechanical Trap

Operations Committee approval of the Manual Release Trap was received on June 13. Transmitted drawings should be complete by next week. The manual should be complete by August.

The Solenoid Release Trap with Cocking Lever is still in field test.

11-22-71 Carbine

Marketing is setting up a plan for
a variety of weapons.

11-5-41-22 Hermet.

a single shot model was assembled & buffed.
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. The distance was .067.

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space of .066. The distance was .067.

The new bolt was fitted giving a head

a fire control stud was broken. It is now
 being repaired so that further testing can continue.
 Because it is felt that neither a broken stud causes
 the tight bolt lift problem a new assembly
 is being made with a new 20" stud. This
 will be a replacement for the broken stud. This
 should be ready for assembly within two weeks.

U700 Fire control

a Sample's laser safety can assembly & trigger
 have been finish assembled into a fire control.
 Attention has been made and new parts will
 be ready for assembly & test this week.