

OPERATIONS COMMITTEE MEETING

NOVEMBER 18, 1976

870 SINGLE BARREL TRAP

Following designs being worked on:

1. Gas seal between the barrel and the magazine tube (gas cylinder) which allows removal of the barrel.
2. Manually operated fore-end around the recoil reducing system.
3. Two round gun with one shell laying on the carrier and not in the magazine tube.
4. Adjustable rib which rotates about the shooter's eye.
5. Common use of as many 870 components as practical.

8mm REM. MAGNUM

Pilot line testing continuing with some areas of concern still to be decided. The areas in question are:- accuracy specifications, acceptable group size, and type of ammunition to be used. To answer this, Research has personally shot 3 gallery reject guns with both 220 grain and 185 grain ammo. The guns were as received from Production. Of the 3 shot, 1 remains questionable as to acceptability with either ammo.

A second area of concern is the overriding of the bolt on the second round out of the box (start with three rounds in magazine and 1 in chamber). A retest to determine cause, effect and correction is in progress using the four problem guns as test subjects. Gallery testing, Test Lab jack shooting, and field testing are to be conducted within the next twenty-four hours.

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8mm REM. MAGNUM - Contd.

New process Rear Sight has been shot on 8mm Rem. Magnum and shows 14-1/2" approximate adjustment above and below zero when shot from the shoulder at 100 yds.