

SHOTGUNS WITH RIFLE SIGHTS

(SPORTSMAN-58RRS, MODEL 11-48RRS and MODEL 870RRS)

Pilot testing revealed that front sight ramps of original design were too high with the result that rear sight adjustment would not suffice to correct point-of-slug impact to point-of-aim on all guns.

Model drawings were revised to lower the front sight ramp, tooling revisions were completed, and pilot barrels are now ready for verification testing.

Production guns are expected to be warehoused in the first part of May 1959. The warehouse schedule is revised as follows -

	March 3, 1959 Schedule			May 5, 1959 Schedule		
	M/870	Spts.-58	M/11-48	M/870	Spts.-58	M/11-48
April 1959	100	100	100	0	0	0
May "	200	200	0	200	150	100
June "	(As required by Sales)			(As required by Sales)		

EJECTION CONTROL DEVICE FOR SPORTSMAN-58TS & TL GRADES

The Committee was shown a sample Sportsman-58TS shotgun fitted with the ejection control device described in Ilion Division Minute No. 2, 1959.

Research & Development reports that the ejection control device has been field tested on nine guns, each fired 50 rounds. In eight of the guns, the last shell of a full magazine loading caught in the ejection port as follows -

In 3 guns, 1 shell in 50 caught in receiver	"	"	"	"	"
In 3 guns, 2 shells "	"	"	"	"	"
In 1 gun, 3 shells "	"	"	"	"	"
In 1 gun, 4 shells "	"	"	"	"	"

Research & Development and the Plant foresee two possible problems. First, ejection malfunctions of particular guns may be attributable either to the ejection control device or the gun itself, but since the control device is not removable, the gun cannot be tested without the device as it could be if the device were removable or a deflector were used. Second, because ejection patterns differ with the physical characteristics of the shooter, Ilion must supply the maximum height ejection control device to give satisfactory ejection control with "hard shoulder" shooters. Some shooters will have to file down the protrusion to balance ejection control to their individual characteristics of shooting. Protrusion of the ejection control device into the receiver opening has a narrow range of critical values for proper functioning.