

January 3, 1968

PROGRESS REPORT  
M/100T and 200S TRAPS

OBJECTIVE

The reputation of the Remington Automatic Skeet M/200S and the Trap M/100T is such that improvement in function and durability has become a necessity in order to maintain or improve our market position.

PROGRESS

Several engineering changes have been made, tested, and installed in production traps. These include:

Cocking Arm Stud

Fault:- Bending in use causing breakage of other parts.

This part was changed to a heat treated stud. It is now being used on all automatic traps.

Drive Shaft

Fault:- Cold rolled steel shaft and oilite bearings wore causing lubricant leak and drive belt loosening.

Shaft was changed to a heat treated and ground part with additional bearing surface. Tests showed no leaks or appreciable wear after 60,000 cycles. Original shaft wore .002" in 10,000 cycles. The new part is now being purchased for use on all automatic traps. It should be in use by January 31, 1968.

Carrier Hub

Fault:- Latch arm contact point developed wear and brinelling causing either delayed release or complete failure to release.

Stellite was added to this Carrier Hub surface. Now being used on all traps. Experience shows this problem is eliminated although quality control for this change should be improved.

83