

DAILY PROGRESS REPORT

SUBJECT M/721 Pre Pilot Testing

Date 2/25/47

A pre-pilot M/721 (30-06 with double sear) is being subjected to a 500 round functional test. Results to date are as follows:

<u>Rounds</u> <u>Fired</u>	<u>Performance</u>	<u>Breakages</u>	<u>Gun</u> <u>Failures</u>	<u>Replace-</u> <u>ments</u>	<u>Adjust-</u> <u>ments</u>	<u>Remarks</u>
0-500	.4%	0	1	1	0	Extractor. - became annealed during the defective ammunition test and therefore failed to function. This test may be considered quite severe on the Extractor in that the created defect in the ammunition directed some of the burning powder around the extractor area.
	Fail to Eject- 2					

The fire control and bolt mechanism is at present being subjected to 10,000 dry cycle operations after which complete measurements of the gun will be made.
A formal report on this test will be issued as soon as testing has been completed.

W. E. Look
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