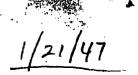
FUNCTIONAL TEST 14

## M/721 - Pre-Pilot Bolt Action Rifle



### Conditions of Firing:

One shot every 5 seconds. Time includes cooling and loading. Cool with compressed air every 40 rounds. Functioning - slow, medium and fast. Alternately load magazine. See Ammunition Schedule attached.

### Conditions of Test:

Make the following Measurements, Cleaning and Inspection at 0, 500 rounds and after 10,000 dry cycles:

Clean and Oil - Type III.

Head Space Test #3.

Trigger Pull Test #6.

Firing Pin Tale Protrusion Test #8.

## Dalt Doning Tool / 10

Safety Mechanism Function Test #22.

Safety Sear Mechanism Test #25.

#### Measure free length of all springs at 0 rounds

Measure surfaces of locking mechanism, sear and manual safety at 0 rounds, 500 rounds and 10,000 dry cycles. Measure the "lips" in the meall of the magazine at 0 and 500 rounds.

Rounds

0-1

- 1. Take Down Inspection Test #11.
- 2. Head Space Test #3.
- 3. Proof Test #1. Exliminate if gun has been previously proofed.
- 4. Safety Operation Test #31.
- 5.. Jar Off Test #21.
- 6. Cleaning and Oiling Type III.
- 7. Head Space Test #3 (if gun has not been previously proofed).
- 8. Preliminaty Live Fire Test #45 128 rounds. 2-130
- 9. Competitive Ammunition Test 100 rounds, 30 per type 131-230
- 10. Accuracy Test #4 50 rounds. 231-280
- 11. Angular Position Test 60 rounds (20 rds. in each position). 281-340
- 12. Determine position of ejected rounds with respect to the shooter 60 rounds. 341-400

~ 7	-2-	Rounds
13.	Feeding rounds into "Loaded Chamber Test" - 20 rounds.	401-420
14.	Breech Gas Escape Test - 20 rounds.	421-440
15.	Defective Ammunition Test - 60 rounds. 3 types - 20 rounds per type. Use proof chamber.	441-460
16.	Fire 9 proof rounds.	461-469
17.	Head Space Test #3.	
18.	Determine if firing pin will mark primers.	469-478
19.	Head Space Test #3	<i>L</i> #ø+Løø
20.	Sub Zero Test (-600F.) - 30 rounds.	479-490.500
21.	Head Space Test #3.	
22.	Chamber 1 - 10st #48 10 rough a Measure bolt opening.	197700

y 1/2. Perform 10,000 Dry Cycle Operations.

53 24 Lockingfuy then life

>501-520

AMMUNITION SCHEDULE 16

# M/721 - Pre-Pilot Bolt Action Rifle

Routing Ticket No.	Manufacture	Ammunition Type	Grain '	Rounds
3	Remington	Proof Ammunition		0-1
8	Remington	Hi Speed, Bronze Point Hi Speed, Soft Point Soft Point Express	150 (42 rounds) 180 " 220 (44 rounds)	2–130
<b>9</b>	Western  n  n  win  Winchester	Open Foint Expanding Soft Point Open Point Expanding, Boat Tail Silver Tip Super Speed	150 (20 rounds) 180 " 180 220 " 180 "	131-230
10	Remington	Match Taper Heel	150	231-280
11	#	Bronze Point	180	281-340
12	स 11 11	Mushroom Bronze Point	220 180 150	341-400
13.	Ħ	Bronze Point	150	401–420

## AMMUNITION SCHEDULE (Cont'd)

Routing Ticket No.	Manufacture	Ammunition Type	<u>Grain</u>	Rounds
14	Remington # #	Mushroom Soft Point " Bronze Point	220 (5 rds.) 220 " 180 " 150 "	421-440
15	Remington	Soft Point ·	220	441-460
16	π	Proof	4	461-469
20	. #	Soft Point	220	479-199
	Remington	-Soft Point	22	<del>491-700</del>
23 🌌	Ħ	Hand Loaded	220	501-520