

600 file in

35 ... 2-24-64

GUN TEST REQUEST
file in 600 test

Date 3-24-64

Work Order WO. 72799

Designer or Engineer H. WATERMAN

Model 600 XM Cal. or Ga. .35 REM MAG. Barrel Type _____

TYPE OF TEST

New Design _____ Design Change _____ Formal _____

Other Type (i.e. Dry Cycle, Endurance, Accuracy, etc.) Endurance. STOCK
BARREL

PROOF RIFLE ! OBJECTIVE OF TEST CHECK HEAD SPACE !

LOAD 250 gr SPEER. BULLET - (55.0 gr - 4475) (USE SPECIAL STOCK)
SEAT BBL & REC IN STOCKS

20 ROUNDS - EACH STOCK

LOAD 200 gr SPCL REM. BULLET - (57.5 gr - 4475)
CHECK STOCKS FOR DAMAGE !!

SECTION A."

CLEAN AND CHECK BORE WITH AIR GAUGE
RECORD DIMENSIONS - CHECK HEAD SPACE.

SHOOT 4 - 5 SHOT GROUPS

100 yds - 20X SCOPE -- EITHER STOCK BUT
USE SAME STOCK FOR FUTURE ACCURACY

LOAD 150 gr. SPCL REM. - (55 gr - 4198)
MEASURE CENTER TO CENTER - EXTREME

SPREAD.

GUNS REQUIRED

M600 - SER. NO. 5308 - 35 REM. MAGNUM.

STOCK #1 (BLANK - 2-7/16 WALNUT - 1-7/16 WALNUT - 2 7/16 BEECH)
RESORCINOL GLUE

STOCK #2 (BLANK - 2-5/16 BEECH - 2-5/16 WALNUT - 3/4 BEECH)
RESORCINOL GLUE

PLEASE CHECK TEST IN FULL AND ORDER
NEEDED LOTS OF BULLETS / AND/OR / POWDER.

GUN TEST REQUEST

Date 2EE SHEET #1

Work Order _____

Designer or Engineer _____

Model _____ Cal. or Ga. _____ Barrel Type _____

TYPE OF TEST

New Design _____ Design Change _____ Formal _____

Other Type (i.e. Dry Cycle, Endurance, Accuracy, etc.) _____

OBJECTIVE OF TEST

TOTAL MEANING RDS
FIRED IN SEC. B. - NOT
PROOF - SEATING OR
ACCURACY

SECTION B

SHOOT - "HEAVY JACK" 250 Rds. EACH STOCK
LOAD 250 gr SPEER BULLET (51.5 gr - 4475)
CHECK STOCKS FOR DAMAGE AT EACH CHANGE
CONTINUE THIS UNTIL * TOTAL RDS FIRED
EQUALS 250 RDS (THIS WILL MEAN UNEVEN
BALANCE OF ROUNDS ON STOCKS - WILL BE EVEN
AT END OF TEST)

RESHOOT SECTION "A" - AT 250 RDS
RECORD ALL DATA

RESHOOT SECTION "B" - 250 RDS WILL READ 500

RESHOOT SECTION "A" AT 500 RDS

GUNS REQUIRED

RESHOOT SECTION "B" - 500 RDS WILL READ 750

RESHOOT SECTION "A" AT 750 RDS

RESHOOT SECTION "B" - 750 RDS WILL READ 1000

RESHOOT SECTION "A" AT 1000 RDS

NOTE !! ALL AMMO WILL HAVE TO BE HANDLOADED.
CASSES MAY BE REUSED AFTER INSPECTION!

NOTE !! LOAD IN SECTION "B" MAY BE CHANGED
TO 200 gr SPEER REM BULLET - (57.5 gr - 4475) IF 250 gr

MODEL 700 30-06
220 Grain Bullet - 4198 Powder - Firing Pin Hole: .106" Diameter

	Standard Bolt			Gas Hole Plugged			New Gas Hole 180° From Plugged Hole		
	Bolt #1	Bolt #4	Avg.	Bolt #2	Bolt #5	Avg.	Bolt #3	Bolt #6	Avg.
41.6 Grains Powder									
No. of Shots	5	5	5.0	5	5	5.0	5	5	5.0
No. of Pierced Primers	5	4	4.5	4	4	4.0	4	3	3.5
No. of Setbacks	5	3	4.0	4	3	3.5	4	2	3.0
40.6 Grains Powder									
No. of Shots	5	5	5.0	5	5	5.0	5	5	5.0
No. of Pierced Primers	5	5	5.0	4	3	3.5	5	4	4.5
No. of Setbacks	4	5	4.5	3	3	3.0	4	3	3.5
Factory Ammunition									
No. of Shots	5	5	5.0	5	5	5.0	5	5	5.0
No. of Pierced Primers	0	0	0	0	0	0	0	0	0
No. of Setbacks	0	0	0	0	0	0	0	0	0
Overall Averages									
No. of Shots	30			30			30		
Pierced Primers	19			15			16		
Setbacks	17			13			13		