

Report No. 893381

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

☐ Developmental ☐ Design Acceptance ☐ Pre-Pilot ☐ Pilot ☐ Production Acceptance	<u>AREA OF TESTING</u> ☐ Safety Related ☐ Competitive Evaluation ☐ New Design ☐ Design Change ☒ Plant Assistance ☐ Litigation ☐ Warehouse Audit ☐ Cost Reduction ☐ Stake _____ ☐ Other _____	
<u>FIREARM STATS.</u> MODEL: <u>XP-100</u> CAL. or GAGE: <u>35 Rem #7BR</u> BARREL TYPE: _____ PROOFED: YES _____ NO _____	<u>REPORT REQ'D.</u> FORMAL _____ TEST RESULTS ONLY <u>X</u>	DATE REQUESTED: <u>12/4/89</u> DATE NEEDED BY: <u>ASAP</u> REQUESTED BY: <u>Ed Ford</u> WORK ORDER NO: <u>486209</u>
<u>TEST TYPE</u> ☐ Strength Test ☐ Function Test ☐ Accuracy Test ☐ Ammunition Test ☐ Environmental Test ☐ Customer Complaint ☐ Dry Cycle Test ☒ Measurements ☐ Endurance Test ☐ Photo/Video ☐ Other _____		

EXPLAIN IN DETAIL THE REASON FOR THIS TEST:

Measure Muzzle Velocity of 35 Rem #7BR fired from XP-100. 5 shots each

-GUNS REQUIRED:

NOTE: NO firearms or parts will be tested in the Labs unless they are accompanied by a Work Request, and both are delivered to the Labs by the designer or engineer. All Work Requests are to be filled out in detail. No Exceptions.

DATE COMPLETED: 12-4-89
 TEST COMPLETED BY: CS
 REPORT DATE: _____

OENLER SYSTEM 82

=9-12-84 10:35A SLOWFIRE...STATUS O.K. ?

COMMENT: 35 REM PROOF

ROUND	1-VEL/TA
1	1682F
2	1703
3	1684
4	1703
5	1710
6	1696S

5 VALID ROUNDS	
MEAN	1699
STD DEV	9
MAX	1710
MIN	1684
RANGE	25
MEAN+3S	1729
MEAN-3S	1669

COMMENT:

DEHLER SYSTEM 82

=9-12-84 07:49A SLOWFIRE...STATUS O.K. ?

COMMENT: 7MM BR PROOF

0.
25.000
ROUND 1-VEL/TA
1 2427
2 2457
3 2447
4 2441
~~5 2500000~~
6 2412S

6 VALID ROUNDS
MEAN ~~4160697~~ 2437
STD DEV ~~40205212~~ 17
MAX ~~25000000~~ 2457
MIN 2412 2412
RANGE ~~24997500~~ 45
MEAN+3S ~~34704332~~ 2488
MEAN-3S ~~26446920~~ 2386

COMMENT:

MEHLER SYSTEM 82

=9-12-84 07:42A SLOWFIRE...STATUS O.K. ?

COMMENT: 35 REN 150 GN PSP

ROUND	1-VEL/TA
1	2045
2	2047
3	2086
4	2071
5	2083S

5 VALID ROUNDS	
MEAN	2067
STD DEV	19
MAX	2086
MIN	2045
RANGE	40
MEAN+3S	2124
MEAN-3S	2009

COMMENT:

GENLER SYSTEM 82

19-12-84 07:23A SLODFIRE...STATUS O.K. T

COMMENT: 7MM BR 1500N

0.
20.899
ROUND 1-VEL/TA
1 2104
2 2197
3 2102
4 2142
~~5 25000000F~~
~~6 25000000F~~
7 2115S

5 VALID ROUNDS
MEAN 2114
STD DEV 16
MAX 2142
MIN 2102
RANGE 40
MEAN+3S 2164
MEAN-3S 2064

COMMENT: