

Report No. 852731

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

AREA OF TESTING	
☒ Developmental	☐ Safety Related ☐ Litigation
☒ Design Acceptance	☐ Competitive Evaluation ☐ Warehouse Audit
☐ Pre-Pilot	☒ New Design ☐ Cost Reduction
☐ Pilot	☒ Design Change ☐ Stake _____
☐ Production Acceptance	☐ Plant Assistance ☒ Other <u>ADD NEW CALIBER</u>

FIREARM STAT'S.	REPORT REQ'D.	
MODEL: <u>XP-100</u>	FORMAL ☐	DATE REQUESTED: <u>SEPT 30, 85</u>
CAL. or GAGE: <u>223 REM</u>	TEST RESULTS ONLY ☒	DATE NEEDED BY: <u>OCT 10, 85</u>
BARREL TYPE: <u>EXP</u>		REQUESTED BY: <u>A.A. HUGIER</u>
PROOFED: YES ☒ NO ☐		WORK ORDER NO: <u>E0237-314-Y</u>

TEST TYPE			
☐ Strength Test	☐ Ammunition Test	☐ Dry Cycle Test	☐ Photo/Video
☒ Function Test	☐ Environmental Test	☐ Measurements	☐ Other _____
☒ Accuracy Test	☐ Customer Complaint	☐ Endurance Test	

EXPLAIN IN DETAIL THE REASON FOR THIS TEST:

TEN MODEL XP-100 223 REM PISTOLS FABRICATED IN CUSTOMER SHOP FOR DESIGN TEST. FIVE HAVE 12 INCH TWIST AND FIVE HAVE 14 INCH TWIST, WITH TWIST MARKED ON BOLT HANDLE. ACCURACY TEST FOR TWIST COMPARISON USING CURRENT 223 REM M700 AMMO SPECIFICATION. ALSO INCLUDE LIGHTEST FACTORY AMMO BULLET WEIGHT (EXP 40 GRAM) AND HEAVIEST FACTORY AMMO BULLET WEIGHT (WIN. 65 GRAM). FRONTIER (HORNADY) AMMO LIST 55 GRAM BULLET WEIGHT AND PMC ? (OVER) ON BACK.

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: 10/18/85
 TEST COMPLETED BY: J. SELAN-TERRY P.
 REPORT DATE: 11/6/85

ALL GUNS SHOULD BE "JACK"

SHOT FOR ACCURACY. ~~NO~~ WITH

GALLERY SPEC 223 REM M200 AMMO.

FIRE TWO OR EXTWIST WITH LIGHT
(40 GRAM) AND HEAVY (65 GRAM) BULLET.

SAME TWO SHOULD ALSO BE

HAND FIRED IN RESEARCH RANGE

IN THAT VARIATIONS IN PEAK

PRESSURE ~~IS~~ MORE PROBLEM WITH

PISTOLS OVER RIFLES, AND THIS

Twist AND THROAT (G.G.) VARIATION.

SHOW UP WITH HAND SHOOTING OVER

PICTURE "IF" CRITICAL.

USE SAME ACCURACY SPEC OR

GROUP SIZE AS XP100 221.

I WANT TARGETS SUCH AS DO

REVIEW BULLET WEIGHT VARIATIONS AND

Twist VARIATIONS. (SHAPE OF BULLET NOSE ROUNDED)

LABOR VALUE		MATERIAL VALUE		TOTAL VALUE		QUANTITY		RESPONSIBLE OPERATION		MODEL		PLANT ORDER		PART NUMBER		OPERATION		N/A		COMP ACT		CNC DIFF		LABOR PER 100		MATERIAL PER 100		CR	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
QUANTITY		MAIN ACCT		LABOR PER 100		1		2		3		4		5		6		7		8		9		10		11		12	
RESPONSIBLE OPERATION		CHG. DEPT.		MATERIAL PER 100		1		2		3		4		5		6		7		8		9		10		11		12	
MODEL		PART NAME		DESCRIPTION OF FAULT		1		2		3		4		5		6		7		8		9		10		11		12	
PART NUMBER		LAST OPERATION		PLANT ORDER		1		2		3		4		5		6		7		8		9		10		11		12	
BBL LENGTH		GAUGE		INSPECTOR'S NAME		1		2		3		4		5		6		7		8		9		10		11		12	
				FOREMAN'S SIGNATURE		1		2		3		4		5		6		7		8		9		10		11		12	

PRODUCT SCRAP
DO NOT FOLD OR MUTILATE THIS CARD
INVENTORY WITHDRAWAL

DD-470364

RD 0008 90X