

Report No. 852731

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

☒ Developmental ☒ Design Acceptance ☐ Pre-Pilot ☐ Pilot ☐ Production Acceptance	AREA OF TESTING ☐ Safety Related ☐ Litigation ☐ Competitive Evaluation ☐ Warehouse Audit ☒ New Design ☐ Cost Reduction ☒ Design Change ☐ Stake _____ ☐ Plant Assistance ☒ Other <u>ADD NEW CALIBER</u>	
FIREARM STAT'S MODEL: <u>XP-100</u> CAL or GAGE: <u>223 REM</u> BARREL TYPE: <u>EXP</u> PROOFED: YES ☒ NO ☐	REPORT REQ'D. FORMAL ☐ TEST RESULTS ONLY ☒	DATE REQUESTED: <u>SEPT 30, 85</u> DATE NEEDED BY: <u>OCT 10, 85</u> REQUESTED BY: <u>A.A. HUGIER</u> 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 CUSTOM 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), AND FRONTIER (HORNADY) AMMO LIST 55 GRAM BULLET WEIGHT AND PNC ? (OUBA) 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
 REPORT DATE: 11/6/85

ALL GUNS SHOULD BE "JACK"
SHOT FOR ACCURACY. ~~HOWEVER~~ WITH

GALLERY SPEC 223 REM M400 AMMO.

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

SAME TWO SHOULD ALSO BE
HAND FIRED IN RESEARCH RANGE
IN THAT VARIATIONS IN DECK
PRESSURE ~~IS~~ MORE PROBLEM WITH
PISTOLS OVER RIFLES, AND THUS
TWIST AND THROAT (G.G.) VARIAT.
SHOW UP WITH HAND SHOOTING OVER
PICTURE "IF" CRITICAL.

USE SAME ACCURACY SPEC OR
GROUP SIZE AS XP100 221.

I WANT TARGETS SUCH AS TO
REVIEW BULLET WEIGHT VARIATIONS AND
TWIST VARIATIONS. (SHAPE OF BULLET NOSE ROUNDED)

DATE _____

LABOR VALUE			MATERIAL VALUE			TOTAL VALUE			QUANTITY			RESPONSIBLE OPERATION			MODEL			PLANT ORDER			PART NUMBER			OPERATION			H/A			CAMP			CHS			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	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
QUANTITY						MAIN ACCT.						LABOR PER 100						PRODUCT SCRAP DO NOT FOLD OR MUTILATE THIS CARD INVENTORY WITHDRAWAL																		1																																											
RESPONSIBLE OPERATION						CHG. DEPT.						MATERIAL PER 100																								2																																											
MODEL						PART NAME						DESCRIPTION OF FAULT																								FAULT CODE						3																																					
PART NUMBER						LAST OPERATION						PLANT ORDER						INSPECTOR'S NAME						INSPECTOR'S NO.						4																																																	
OBL LENGTH						GAUGE						FOREMAN'S SIGNATURE																		5																																																	
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