

Report No. 851344

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

<input checked="" type="checkbox"/> Developmental <input type="checkbox"/> Design Acceptance <input type="checkbox"/> Pre-Pilot <input type="checkbox"/> Pilot <input type="checkbox"/> Production Acceptance	<p align="center"><u>AREA OF TESTING</u></p> <table> <tr> <td><input type="checkbox"/> Safety Related</td> <td><input type="checkbox"/> Litigation</td> </tr> <tr> <td><input type="checkbox"/> Competitive Evaluation</td> <td><input type="checkbox"/> Warehouse Audit</td> </tr> <tr> <td><input checked="" type="checkbox"/> New Design</td> <td><input type="checkbox"/> Cost Reduction</td> </tr> <tr> <td><input type="checkbox"/> Design Change</td> <td>Stake <u>A Good Deal</u></td> </tr> <tr> <td><input type="checkbox"/> Plant Assistance</td> <td><input type="checkbox"/> Other</td> </tr> </table>		<input type="checkbox"/> Safety Related	<input type="checkbox"/> Litigation	<input type="checkbox"/> Competitive Evaluation	<input type="checkbox"/> Warehouse Audit	<input checked="" type="checkbox"/> New Design	<input type="checkbox"/> Cost Reduction	<input type="checkbox"/> Design Change	Stake <u>A Good Deal</u>	<input type="checkbox"/> Plant Assistance	<input type="checkbox"/> Other
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<p align="center"><u>FIREARM STAT'S.</u></p> MODEL: <u>700</u> CAL or GAGE: _____ BARREL TYPE: _____ PROOFED: YES _____ NO _____	<p align="center"><u>REPORT REQ'D.</u></p> FORMAL _____ TEST RESULTS ONLY <input checked="" type="checkbox"/>	DATE REQUESTED: <u>5-14-85</u> DATE NEEDED BY: <u>5-21-85</u> REQUESTED BY: <u>F.H. Smith</u> WORK ORDER NO: <u>C-5004-314</u>										

<p align="center"><u>TEST TYPE</u></p>			
<input type="checkbox"/> Strength Test <input type="checkbox"/> Function Test <input type="checkbox"/> Accuracy Test	<input type="checkbox"/> Ammunition Test <input type="checkbox"/> Environmental Test <input type="checkbox"/> Customer Complaint	<input checked="" type="checkbox"/> Dry Cycle Test <input type="checkbox"/> Measurements <input type="checkbox"/> Endurance Test	<input type="checkbox"/> Photo/Video <input type="checkbox"/> Other _____

EXPLAIN IN DETAIL THE REASON FOR THIS TEST: DRY-CYCLE 700 EXTRACTOR

- DRY CYCLE EXTRACTOR 50,000 CYCLES - (DEFLECT APPROX. .040")
- RECORD MALFUNCTIONS AND/OR BREAKAGES

-GUNS REQUIRED: -1- M/700 EXTRACTOR

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: 5-17-85
 TEST COMPLETED BY: R.W. Howe
 REPORT DATE: _____

RESULTS TO ATTACHED REQUEST.

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1- M/700 STANDARD PRESENT PRODUCTION EXTRACTOR.
DRY-CYCLE TEST.

RESULTS:

8,000 CYCLES EXTRACTOR STUCK BACK—
(FREED BY TAPPING ON BENCH TOP)
APPROX 9,500 CYCLES STUCK BACK AGAIN—
(FREED AS ABOVE)
APPROX 9,700 CYCLES STUCK AGAIN—
(FREED AGAIN)
AFTER 9,700 CYCLES EXTRACTOR STUCK BACK
AND WAS FREED APPROX EVERY 50 CYCLES
TO A TOTAL OF 10,048 CYCLES WHEN
EXTRACTOR WAS REMOVED FROM TESTING.