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Report No. BS 1344

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

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

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

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.

REPORT # 851344

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.