

Copy and file 7710 M
M600 & 700 TRIGGER ASSEMBLY IMPROVEMENT

I. RESTORE COMMONALITY.

A. PARTS. SEAR SAFETY CAMS

1. .005" DIFFERENCE IN TAIL HEIGHT
2. .029" " " PIN CLEARANCE

B. DIMENSIONS. ESTABLISH COMMON
SEAR SAFETY CAM LIFT. MUST BE DECIDED FROM &
CONSISTENT WITH MODEL DRAWINGS.

C. SPECIFICATIONS.

1. SEAR LIFT.

- a. REUSE ON M600 TRIGGER ASS'T
DRAWING TO ELIMINATE
THEORETICAL GEOMETRIC
POSSIBILITY OF TRAPPING CONNECTOR
FORWARD OF SEAR.

- b. ADD ABOVE TO M700 TRIGGER
ASS'T DRAWING.

2. "SCREW DRIVER" TEST SIGNIFICANCE.
THIS IS CURRENTLY PART OF M700
FINAL INSPECTION PROCESS. IT IS NOT
BEING DONE.

- a. DIMENSIONAL IMPLICATIONS
AND/OR

- b. FUNCTIONAL IMPLICATIONS

A M600 & M700 "SCREWDRIVER" TEST - CUSTOMER REPAIR

INSERT SUITABLE TOOL BETWEEN TRIGGER AND BOLT STOP RELEASE.

PUSH CONNECTOR FIRMLY UPWARD (TOWARD SEAR SAFETY CAM) AND HOLD. THEN, SIMULTANEOUSLY:

PULL TRIGGER.

- THERE MUST BE NO CLICK OR CATCH IN PULL.

• REJECT IF CONNECTOR IS TRAPPED FORWARD. RELEASE FORCE ON CONNECTOR. THEN:

RELEASE TRIGGER SLOWLY.

- TRIGGER MUST RETURN TO FULL FORWARD POSITION AND CONNECTOR MUST RETURN UNDER SEAR SAFETY CAM. VERIFY THRU VIEW HOLE.

- REJECT IF CONNECTOR IS TRAPPED FORWARD.

PUSH SAFETY LEVER TO "OFF" SAFE POSITION.

- FIRING PIN MUST NOT FALL

END OF "SCREWDRIVER" TEST

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Null/Screw Driver Test Page 1 of 3

1600 & M700 "SCREWDRIVER" TEST CUSTOMER REPAIR

PURPOSE: THIS TEST ASSURES ADEQUATE WORKING CLEARANCE BETWEEN TOP OF CONNECTOR AND BOTTOM OF SEAR SAFETY CAM WITH CONNECTOR AS HIGH AS POSSIBLE.

NOTE: TEST IS MOST EASILY PERFORMED WITH STOCK AND TRIGGER GUARD REMOVED. GUN HELD IN VISE.
REFER TO FIGURES 1 & 2.

COCK FIREARM.

MOVE SAFETY LEVER FROM "OFF SAFE" POSITION TOWARD "ON SAFE" POSITION, TO LOCATE AND STOP SAFETY LEVER AT THE FORWARD MOST NULL LOCATION.*

* Forwardmost null location is that "just-stable" place between "On" and "Off" safe, closest to "Off" safe, where the Safety Lever will not spring forward to the "Off" safe position when released.

SAFETY LEVER MUST REMAIN IN NULL LOCATION DURING TEST.

PLAINTIFF'S

EXHIBIT

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