

PME (4) 7(5)

MOO. 700
 Ser. No. A6647268
 Recd. 02-2-83
 Checked By R. Jackson
 Number 1

R# 06332
 P.I. No
 MFD. 8-78

6-9-83

COMMENTS:

THE SAFETY ARM AND BOLT RELEASE WERE DISASSEMBLED FROM THE HOUSING (THE TRIGGER, CONNECTOR, AND ADJUSTING SCREWS REMAINED IN-PLACE) AND THE SUBSEQUENT OBSERVATIONS WERE MADE:

(9) THREE METALLIC BURRS WERE HELD AGAINST THE INSIDE OF THE LEFT HOUSING SIDEPLATE BY A HEAVY LUBRICANT. THESE BURRS WERE REARWARD OF THE TRIGGER AND DID NOT APPEAR TO BE BINDING THE TRIGGER. ONE BURR APPEARED AS A FINE-LINE DOUBLE WHISK, ANOTHER WAS A SINGLE CURL WHILE THE THIRD WAS A HELIX OF TWO FULL TURNS.

(10) THE TRIGGER MOVES FREELY IN THE HOUSING WHILE PINNED.

(11) EXACTLY ADJACENT TO, AND IN LINE WITH, THE SAFETY DETENT BALL NEST HOLE WAS A CLEAN AREA, ON THE REAR OF THE TRIGGER, WHERE THE HEAVY, DARK COLORED, LUBRICANT WAS WASHED AWAY. THIS AREA APPEARED TO BE THE SAME WIDTH AS THE HOLE DIAMETER AND EXTENDED ABOUT HALF-WAY ACROSS THE REAR OF THE TRIGGER. 

THE TRIGGER AND TRIGGER CONNECTOR WERE DISASSEMBLED FROM THE HOUSING AND THESE SUBSEQUENT OBSERVATIONS WERE MADE:

(12) THE SIDES OF THE TRIGGER AND CONNECTOR WERE WET WITH LIGHT OIL.

(13) FIVE DISTINCT BRIGHT SCRATCH MARKS WERE ON THE LEFT SIDE OF THE TRIGGER ABOUT $\frac{1}{4}$ " BELOW THE TOP OF THE TRIGGER.

