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MOD. 700 ADL : 20-06

R# 01224

Ser No. 6259346

P.I. No

Recd. 1-6-83

MFD. 7-69

Checked By Richard ChathamNumber

COMMENTS:

6-20-83

THROUGHOUT ALL ATTEMPTS, THE ALLEGED MALFUNCTION "... I attempted to eject the live ammo and carefully pushed the safety forward. The rifle fired into the concrete floor." WAS NOT OBSERVED TO HAPPEN.

THE FOLLOWING MEASUREMENTS WERE OBSERVED:

SEAR LIFT (SAFETY ON "S") = 0.005 INCH } IN-RECEIVER GAGE

SEAR LIFT (NULL POSITION) = 0.002 INCH } D-2-44581

TRIGGER PULL (To Load) = 4 $\frac{3}{4}$ Lb.

TRIGGER PULL (To end of trigger travel, SAFETY ON "S") = 6 Lb.

SAFETY ARM WORKING FORCE

} SPRING SCALE

FROM "S" to "F" = 4 $\frac{1}{2}$ Lb.FROM "F" to "S" = 3 $\frac{1}{2}$ Lb.

ENGAGEMENT OF SEAR TO

TRIGGER CONNECTOR = 0.012 INCH

} OPTICAL COMPARATOR
50X