

n-1600 TEST
Wagoner
W

January 28, 1966.

TO: C. B. WORMAN *C.B.W.*

FROM: W. COOGIN - TEST LAB. & A. A. HUGICK, MEASUREMENTS LAB.

SUBJECT: INVESTIGATE THE POSSIBILITY OF CHAMBERING
 AND FIRING THE REM. 350 MAG. IN OTHER
 CALIBER RIFLES.

The Remington 350 Magnum - 250 Grain bullet dummy case was chambered in the M-700 - 7mm Mag., M-70 - .264 Win. Mag., M-700 - .300 Win. Mag., and Mark V - 300 Weatherby Mag. The 338 Win. Mag. Rifle was not tested. The following results were obtained when chambering the Rem. 350 Mag. - 250 Grain bullet dummy:

Gun Model	Gun Caliber	Dummy Length Before Chambering	Dummy Length After Chambering	Bullet Depression	Comments
M700	7mm Mag.	2.725 in.	2.596 in.	0.139 in.	
M 70	.264 Win. Mag.	2.725 in.	2.675 in.	0.050 in.	
M700	300 Win. Mag.	2.720 in.	2.720 in.	0.000 in.	
Mark V	300 Weatherby Mag.	2.720 in.	2.720 in.	0.000 in.	
No Gun	338 Win. Mag.	-	-	-	

At this point the M700 - .264 Win. Mag., S.N. 184784, was fired in the Iron Lung with a 350 Mag. - 250 Grain bullet in the chamber. This shooting resulted in:

- 1) The bullet cleared the barrel
- 2) The chamber bulged (note chamber cast sheets)
- 3) The case formed to the chamber (note photo)
- 4) Bolt shroud expanded .005 +
- 5) Two men and a vise were required to open the bolt.
- 6) No Visual damage to gun.
- 7) Primer pocket expanded.
- 8) Pierced Primer and firing pin was cocked back.
- 9) Head Space was not measured after testing due to expanded bolt shroud.
- 10) Air gaging the barrel after testing chamber .265 - 3 inches from chamber .2645 and at muzzle .2642.

WGC:CS