

TEST SUMMARY  
6MM REM HIGH PRESSURE

A. Customer Complaint #11352 - 6MM1 - 6mm Rem 80 Gr. PSP  
Terry Husband, Red Deer, Alberta, Canada,  
Fired November 22, 1982, in Model 788, gave  
excessive recoil and smoke and stuck in the bolt.  
Two fired shells returned, one with blown primer  
and one normal. Sixteen (16) unfired returned.  
Production Code T300 (March 30, 1982)

Powder - Visual OK - HRP80 Powder  
- Weights - 16 Checked - 47.20 Avg. .86 E.V.  
Nominal Charge 47.8 Grs.  
- M&V - As Received - 0.68%  
- M&V - After 66 Hrs- 1.04%  
at 80% R.H.

Pressure - Five rounds - 632 Avg. - 70 E.V.  
678 CUPS Max.

Two blown primers, one minor primer  
leak.

SAAMI Nom. - 520 CUPS, MPA - 552 CUPS  
Max. Ind. - 689 CUPS  
Proof - 709-759 CUPS Avg.  
- 540-828 CUPS Individuals

Head Hardness - Positions B C D  
(Blown Primer) Sample #1 183 201 202  
(No Damage) Sample #2 177 204 206  
Mil. Spec. 7.62 180 180 180  
Nato (Min)

Bridge Thickness-Sample #1 =.055, Sample #2 = .054

Remington Control = .040-.060  
20 Shells Code U20F = .045-.052

Loading History - T300 - 150 Rds F&C - No Defects

Four V&P Tests

Pressure (CUPS): 485, 479, 475, 485  
Velocity (FPS): 3438, 3476, 3422, 3430  
Control: 3435  $\pm$  35 fps, 509 CUPS Max.