

7.17.701
~~3.2.2000~~
 Four Hit Upset process test
 .17 Caliber Model 700

WR 900671 3/7/90
 Tests begun (On April 23-90)
April 190, (1000 rds)

Inspection Report 285. 4.19.90.

- (A) $3/8$ " Com Cobb Heat Chubing of surface on C 650 1474 after 6000 rds, From Muzzle No Heat Chubing 16" inch in, $1\frac{1}{2}$ " from end of cartridge mouth, hertzian stress marks from surface contact with projectile (bullet)

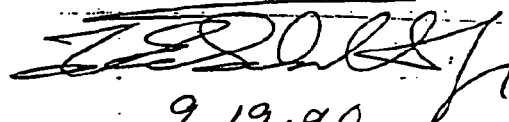
A - OK no more testing required no "cracks" propagating to O.P.

- (B) $3/4$ " Com Cobb Heat Chubing of surface C 650 1508, $2\frac{5}{8}$ " significant circumference hertzian stress marks, after 6000 rds From Muzzle, 15" clean bore/refling. ~~Testing Required.~~ No further testing required.

(C) 7/8" Gov Cobb Heat Checking,
 C 6501483, 17 Caliber Bore,
 3 1/4" extensive spalling in rifling,
 Beyond only Hertzian stress
 marks from interference of
 projectile (bullet) and I.O.
 of barrel. No radial cracks
 penetrating. Muzzle expansion:
 18. 1/2" from Muzzle no Hertzian
 stress marks, clean bore no
 gallery.

An ok no further
 testing required

10:18 PM


 9.19.90