

TABLE 5

7mm EXPRESS REMINGTON  
SEVERE STORAGE AND FIRING CONDITIONS TEST  
HANDLOADS ASSEMBLED USING MIXED POWDERS  
10% 4198 AND 90% 7514

PRESSURE (psi)

AVG = 68176  
MAX = 74000  
MIN = 64800  
E.V. = 9200  
 $\sigma$  = 1904  
AVG+3 $\sigma$  = 73888

Notes: (1) Sample size = 25  
(2) Charge weight = 52.3 grains  
(3) Stored 4 days at +150°F  
(4) Fired at +150°F  
(5) Powder taken from loaded rounds,  
code M09I

PRESSURE SPECIFICATIONS in psi

Lonoke Control: Max Sample Avg = 60000  
SAAMI Service: Max Product Avg = 65000  
Max Value of Sample Avg + 3 $\sigma$  = 71700  
SAAMI Proof: Nominal Avg = 84600  
Min: Sample Avg - 3 $\sigma$  = 71800  
Max: Sample Avg + 3 $\sigma$  = 97500

ADMCD-7/80