

TABLE 9

7mm EXPRESS REMINGTON 150 PSPCL

HIGH PRESSURE HANDLOADS IN M700 RIFLE

<u>Charge Wt.</u> <u>4198</u> <u>(grains)</u>	<u>Pressure</u> <u>Level</u> <u>(psi)</u>	<u>Observed Effects</u>
46.5	81000	Primers slightly cratered
47.5	84700	Primers blown - head expansion - bolt lift heavy
48.5	93200	Primers blown - head expansion - required hammer to open bolt - extractor damaged. 83

Notes:

- (1) No injury to a shooter would have occurred, even at the highest of these pressure levels.
- (2) No rifle damage except to the extractor which took a set at the 93200 psi level
- (3) Pressure levels are three round averages
- (4) Two rounds fired at charge weights of 46.5 and 47.5 grains. Only one round fired at 48.5 grains.