

CHAMBER STRAIN TO P.S.I.

MODEL: 700 Carbine

SERIAL No.: B6251940

CALIBER: 30-06

DATE: 12-4-80

GAUGE: FA-06-125BT

DISTANCE FROM BOLT FACE: 2.5"

INSIDE DIA.: .341

OUTSIDE DIA.: 1.029

$$\text{PRESSURE} = \text{Strain} \times \left(\frac{E}{2} \times \left(\frac{R_o^2}{R_i^2} - 1 \right) \right) = \text{Strain} \times (121.58 \text{ PSI} / \mu\text{in/in})$$

REFERENCE AMMO: _____

	Uin / in	P.S.I.
Rem 180gr		52,000
Saami W&W 14		60,000
Saami W&W 14		50,000
Proof 4		88,000
5		
Avg.		

Super proof + 4x220gr Bullets

Estimated 400,000 PSI-STRAIN

CHAMBER STRAIN TO P. S. I.

MODEL: 700 Carbine

SERIAL No.: B6E61719

CALIBER: 30-06

DATE: 12-11-80

GAUGE: EA-06-125BT

DISTANCE FROM BOLT FACE: 2.3"

INSIDE DIA.: .341

OUTSIDE DIA.: 1.030

PRESSURE = Strain $\times \left(\frac{E}{2} \times \left(\frac{R_o^2}{R_i^2} - 1 \right) \right) = \text{Strain} \times \underline{(121,850 \text{ PSI/} \mu\text{in/in})}$

REFERENCE AMMO: _____

	Uin / in.	P.S.I.
Proof 1	_____	84,700
Proof 2	_____	84,700
Proof 3	_____	83,400
Proof 4	_____	89,100
5	_____	
Avg.		

Super Proof
 52.4 gr IMR 4962 - 220 gr L.H.
 50,000 PSI-Strain/Div
 .2 msec/Div.

