

CHAMBER STRAIN TO P.S.I.

MODEL: 700 CorbineSERIAL No.: B6251942CALIBER: 32-06DATE: 12-4-83GAUGE: F4-06-125BTDISTANCE FROM BOLT FACE: 2.3"INSIDE DIA.: .341OUTSIDE DIA.: 1.029

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

REFERENCE AMMO: _____

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

Super proof + 4x220gr bullets

Estimated 400,000 PSI-STRAIN

CHAMBER STRAIN TO P. S. I.

MODEL: 700 CarbineSERIAL No.: B6361719CALIBER: 30-06DATE: 12-11-80GAUGE: EA-06-125BTDISTANCE FROM BOLT FACE: 2.3"INSIDE DIA.: .341OUTSIDE DIA.: 1.030

$$\text{PRESSURE} = \text{Strain} \times \left(\frac{E}{2} \times \left(\frac{R_o^2}{R_i^2} - 1 \right) \right) = \text{Strain} \times \underline{(121.85) \text{ PSI/} \mu\text{in}}$$

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 4350 - 220 gr L/L
 50,000 PSI-Strain/Div
 .2 msec/Div.

