

30-06 Hi Press Load Verification

Barrel: # 129 # 2130 220g Bullet

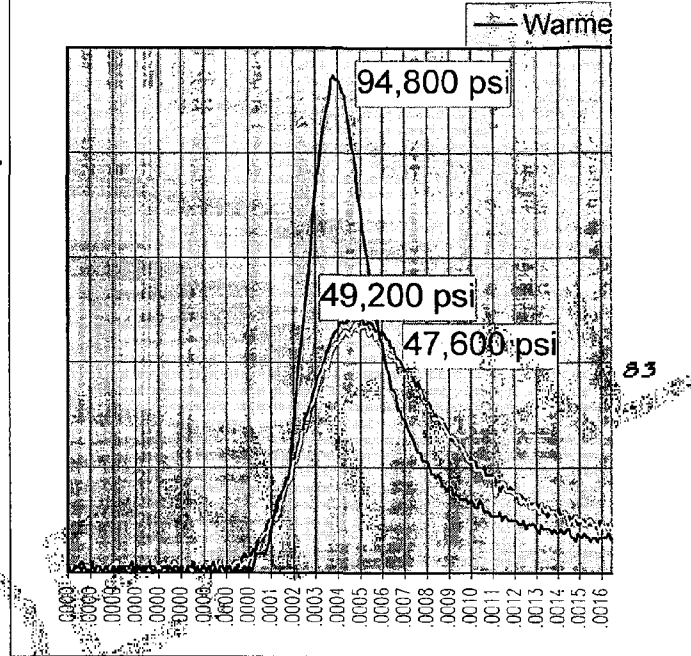
Powder: IMR4198 Lot E99MY20 L3226

Kisler Amp: 1v=20k

Scope

Max Volts	2.46	2.38	4.74
Press:	49200	47600	94800
500us	1v div	1v div	1v div
Time	Warmer 1	Warmer 2	47g
0.00000	0.06	0.06	0.06
0.00000	0.02	0.02	0.02
0.00000	0.06	0.06	-0.02
0.00000	-0.02	0.02	0.06
0.00000	0.06	0.02	0.06
0.00000	0.06	0.02	0.06
0.00000	0.06	0.02	0.06
0.00000	0.10	0.02	0.02
0.00000	0.06	0.02	0.06
0.00000	0.02	0.06	0.02
0.00000	0.02	0.06	0.02
0.00000	0.02	0.02	0.02
0.00000	0.10	0.06	0.06
0.00000	0.02	0.06	0.02
0.00000	0.06	0.02	0.06
0.00000	0.02	0.06	0.06
0.00000	0.02	-0.02	0.02
0.00000	0.02	0.02	0.02
0.00000	-0.02	0.02	0.06
0.00000	0.06	0.02	0.02
0.00000	0.06	0.06	-0.02
0.00000	0.06	0.06	0.06
0.00000	0.06	0.06	0.06
0.00000	0.02	0.10	-0.02
0.00000	-0.02	0.06	0.06
0.00000	0.06	0.02	0.02
0.00000	0.06	0.06	0.06
0.00000	-0.02	0.06	0.06
0.00000	0.06	0.02	0.06
0.00000	0.02	0.02	0.06
0.00000	0.10	0.06	0.10
0.00000	0.06	0.06	0.02
0.00000	0.06	0.06	0.06
0.00000	0.02	0.06	0.06
0.00000	0.02	-0.02	0.02
0.00000	0.06	0.02	0.02
0.00000	0.02	0.02	0.02
0.00000	0.06	0.06	0.06
0.00000	0.06	0.02	0.06
0.00000	0.06	0.02	0.02
0.00000	0.06	0.02	0.02
0.00000	0.06	0.02	0.02
0.00000	0.02	0.02	0.02

30-06 Hi-Press V



Told Gary to use
50.5 grains A198 powder
w/220 gr. Bullet.

ET27803

Test Lab Request Form

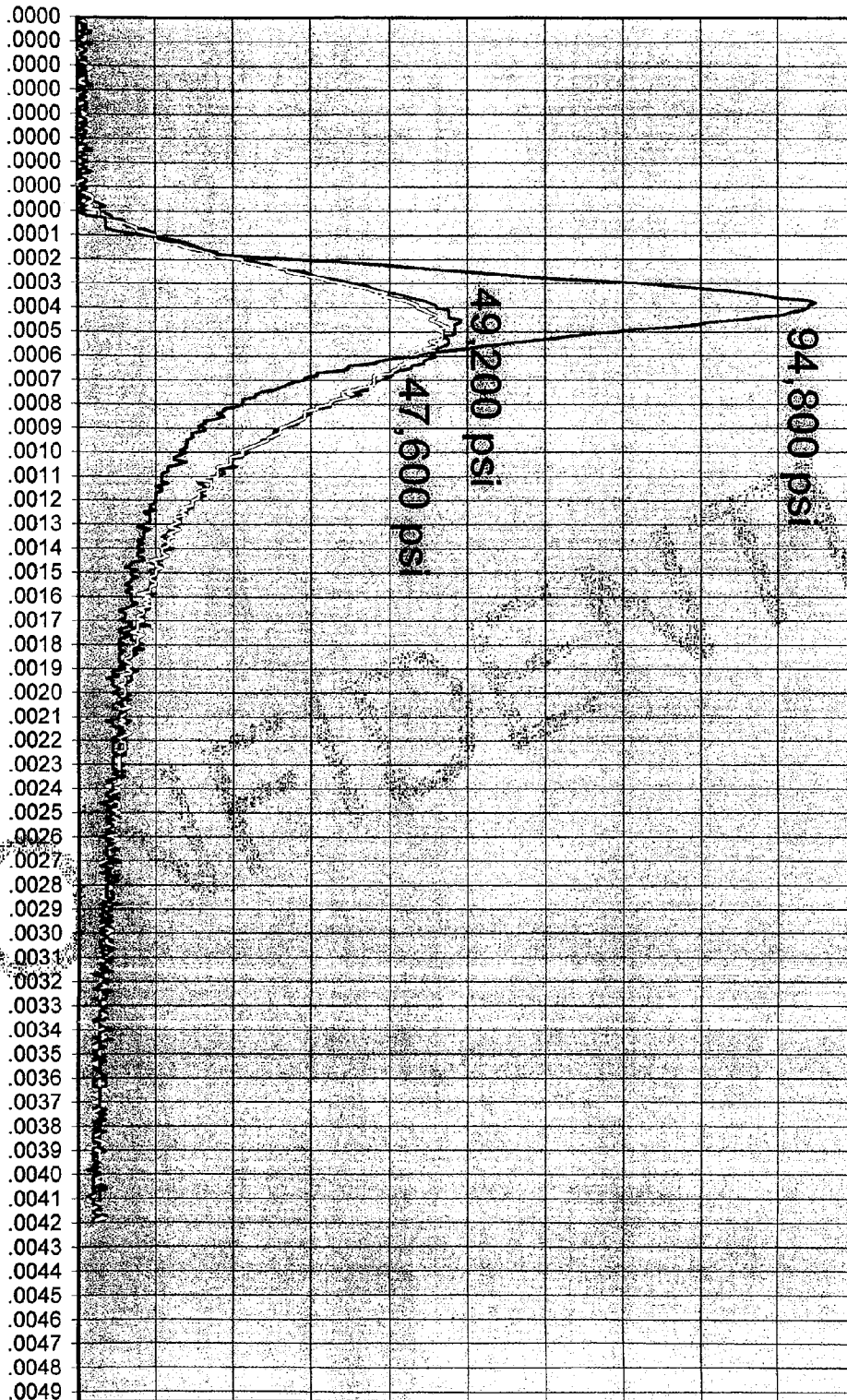
Date Submitted: 28 Nov 00	Tracking #: Tlr 300 AR HI-PRESS
Project #: 241095	Engineer: Scott
Test Objective: Hi press load veification for 30-06 gun blow up. Ref: Tlr 0010AX & Tlr 9142J.	
Test Description: 83 A. >Load one round between 45 and 50grains of IMR4198 Lot E99MY20 L3226, 220g bullet. Collect pressure data to determine max load. >Load one round at max load (To be determined) using above powder and bullet data. B. >Blow up gun using max load of 120k. >Use wittness paper and video. >Photographs >Save all parts.	
Resource Usage: Manpower Requirements - Facility Requirements -	Test Results Required: Formal Report: Data Only: REQUESTED Completion Date:
Required Materials/Parts/Equipment (include quantities): Barrel: # 129 Transducer: # 21330 .163 / Offset 5790 / CF 1300 Powder: IMR4198 Lot E99MY20 L3226 Warmers: Rem 30-06 Spr 220g SP R30067 Kistler Amp set for 1v=20k	
Test Parts: Availability Date	
Start Date: 28 Nov 00 Completion Date: 30 Nov 00 Report Date:	Test Assigned To: Gary Howell

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30-06 Hi-Press Verification

29 Nov 00

Warner 1 Warner 2 — 47g



ET27805