21-Jun-99

30-06 Hi Pressure Evaluation

U.R. # 129 Transd # 2130

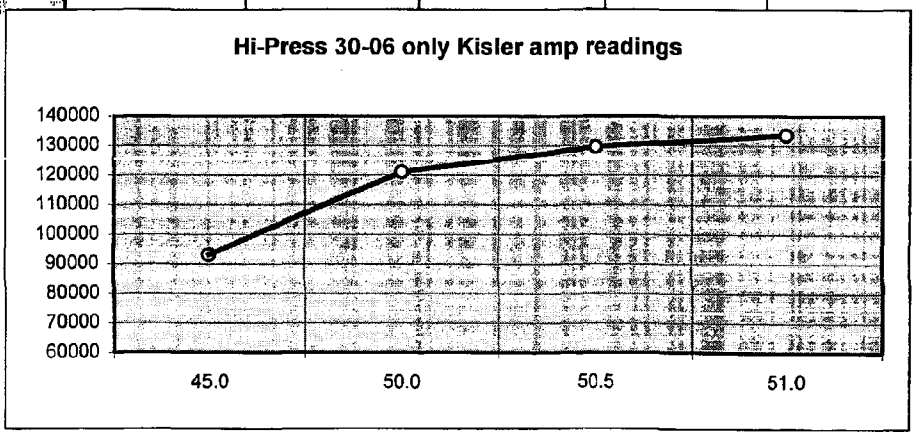
Powder: IMR 4198 Lot # E95MY12/L3207 220 grain SP Round Nose

SAAMI # 30-06SPRG-180-18WW

10 SHOTS Shot 48.8K SAAMI 50.1K = 1.3 CF

OFFSET 5790 + CF 1.3K = 7090 (CF & Offset)

Grains:	# RDS:	Oehler Pressure Raw Data	AMP:	Scope: Raw Data	Oehler Press with cf & Offset:	Scope Press with cf & Offset:	Oehler Settings:
35	5	43420	PCB 1v=10k	NA	50510	NA	1v=10k
37	5	51367	PCB 1v=10k	NA	58457	NA	1v=10k
39	1	57080	PCB 1v=10k	NA	64170	NA	1v=10k
41	1	64355	PCB 1v=10k	NA	71445	NA	1v=10k
43	1	74609	PCB 1v=10k	NA	81699	NA	1v=10k
45	1	84863	PCB 1v=10k	NA	91953	NA	1v=10k
48	1	99902	PCB 1v=10k	NA	106992	NA	1v=10k
49	1	99951 Max PCB	PCB 1v=10k	NA	107041	NA	1v=10k
50	1	99951 Max PCB	PCB 1v=10k	NA	107041	NA	1v=10k
45	1	86020	Kistler 1v=20k	4.3v = 86k	93110	93090	1v=10k
50	1	115620	Kistler 1v=20k	5.7v = 114k	122710	121090	1v=10k
50.5	1	121420	Kistler 1v=20k	6.12v = 122.4k	128510	129490	1v=10k
51	1	126220	Kistler 1v=20k	6.32v = 126.4k	133310	133490	1v=10k
Warmup	1	51367	Kistler 1v=20k	Missed	58457	Missed	1v= 20k
Warmup	1	51758	Kistler 1v=20k	2.59v = 51.8k	58848	58890	1v= 20k
Warmup	1	47949	Kistler 1v=20k	2.41v = 48.2k	55039	55290	1v= 20k
45	1	90430	Kistler 1v=20k	4.58v = 91.6k	97520	98690	1v= 20k
50	1	116992	Kistler 1v=20k	5.94v = 118.8k	124082	125890	1v= 20k



Suggestions: Use Kistler Amp if going beyond 100k, with scale at 20,000 (1v = 20K).
Oehler use scale of 20,000 (1v = 20k) with no offset or cf.

ET27702

Confidential - Subject to Protective Order
Williams v. Remington