

OBT Nodes

3	0.944
4	1.018
5	1.133
6	1.209
7	1.323

Cartridge : .458 Win.Mag.

Bullet : .458, 550, Woodleigh SN WeldC

Useable Case Capaci: 84.296 grain H2O = 5.47

Cartridge O.A.L. L6: 3.583 inch = 91.00 mm

Barrel Length : 22.1 inch = 562.0 mm

Powder : ADI AR 2208 Straight Model Bold Adjust

Step %	Fill. %	Charge Grains	Vel. fps	Energy ft.lbs	Pmax psi	Pmuz psi	Prop.Burnt %	B_Time ms
-20	80	60	1683	3460	31029	5370	94.1	1.724
-18	82	61.5	1721	3616	32959	5519	94.9	1.681
-16	84	63	1758	3776	35004	5663	95.7	1.639
-14	86	64.5	1796	3938	37152	5802	96.4	1.597
-12	88	66	1833	4103	39409	5936	97.1	1.555
-10	89	67.5	1870	4271	41798	6063	97.7	1.513
-8	91	69	1907	4442	44329	6184	98.2	1.473
-6	93	70.5	1944	4615	47012	6299	98.6	1.435
-4	95	72	1980	4790	49857	6406	99	1.398
-2	97	73.5	2017	4968	52875	6506	99.3	1.363
0	99	75	2053	5148	56079	6598	99.6	1.328
2	101	76.5	2089	5330	59482	6682	99.8	1.295
4	103	78	2125	5515	63100	6758	99.9	1.263
6	105	79.5	2161	5701	66950	6825	100	1.232
8	107	81	2196	5890	71051	6884	100	1.203
10	109	82.5	2231	6080	75422	6940	100	1.174

Powder : ADI AR 2208 Straight Model Fine Adjust

Step %	Fill. %	Charge Grains	Vel. fps	Energy ft.lbs	Pmax psi	Pmuz psi	Prop.Burnt %	B_Time ms
-1.3	98	74.00	2029	5028	53921	6537	99.4	1.351
-1.2	98	74.10	2031	5040	54133	6544	99.5	1.349
-1.1	98	74.20	2034	5052	54346	6550	99.5	1.347
-0.9	99	74.30	2036	5064	54560	6556	99.5	1.344
-0.8	99	74.40	2039	5076	54774	6562	99.5	1.342
-0.7	99	74.50	2041	5088	54989	6568	99.5	1.34
-0.5	99	74.60	2044	5100	55205	6574	99.5	1.337
-0.4	99	74.70	2046	5112	55422	6580	99.6	1.335
-0.3	99	74.80	2048	5124	55640	6586	99.6	1.333
-0.1	99	74.90	2051	5136	55859	6592	99.6	1.331
0.0	99	75.00	2053	5148	56079	6598	99.6	1.328
0.1	100	75.10	2056	5160	56299	6604	99.6	1.326
0.3	100	75.20	2058	5172	56521	6610	99.6	1.324
0.4	100	75.30	2060	5184	56743	6616	99.6	1.322
0.5	100	75.40	2063	5197	56966	6621	99.7	1.319
0.7	100	75.50	2065	5209	57190	6627	99.7	1.317

Powder : ADI AR 2208 32DegC Ambient

Step %	Fill. %	Charge Grains	Vel. fps	Energy ft.lbs	Pmax psi	Pmuz psi	Prop.Burnt %	B_Time ms
-1.3	98	74	2045	5107	55665	6509	99.8	1.334
-1.2	98	74.1	2047	5119	55883	6515	99.8	1.332
-1.1	98	74.2	2050	5131	56103	6520	99.8	1.329
-0.9	99	74.3	2052	5143	56324	6526	99.8	1.327
-0.8	99	74.4	2055	5155	56545	6531	99.8	1.325
-0.7	99	74.5	2057	5167	56767	6537	99.8	1.323
-0.5	99	74.6	2059	5179	56990	6542	99.8	1.321
-0.4	99	74.7	2062	5191	57214	6548	99.8	1.318
-0.3	99	74.8	2064	5203	57439	6553	99.8	1.316
-0.1	99	74.9	2066	5215	57665	6559	99.9	1.314
0	99	75	2069	5227	57892	6564	99.9	1.312
0.1	100	75.1	2071	5239	58120	6569	99.9	1.309
0.3	100	75.2	2074	5251	58348	6574	99.9	1.307
0.4	100	75.3	2076	5263	58578	6579	99.9	1.305
0.5	100	75.4	2078	5275	58808	6585	99.9	1.303
0.7	100	75.5	2081	5287	59039	6590	99.9	1.301

Core 27
3 cm³

!	Near	Maximum	!
!	Near	Maximum	!
!DANGERO	LOAD-DO	NOT	USE!
!DANGERO	LOAD-DO	NOT	USE!
!DANGERO	LOAD-DO	NOT	USE!
!DANGERO	LOAD-DO	NOT	USE!

Powder : ADI AR 2208 Crimped

Step	Fill.	Charge	Vel.
%	%	Grains	fps

!	Near	Maximum	!	-1.3	98	74	2047
!	Near	Maximum	!	-1.2	98	74.1	2050
!	Near	Maximum	!	-1.1	98	74.2	2052
!	Near	Maximum	!	-0.9	99	74.3	2054
!	Near	Maximum	!	-0.8	99	74.4	2057
!	Near	Maximum	!	-0.7	99	74.5	2059
!	Near	Maximum	!	-0.5	99	74.6	2061
!	Near	Maximum	!	-0.4	99	74.7	2064
!	Near	Maximum	!	-0.3	99	74.8	2066
!	Near	Maximum	!	-0.1	99	74.9	2068
!	Near	Maximum	!	0	99	75	2071
!	Near	Maximum	!	0.1	100	75.1	2073
!	Near	Maximum	!	0.3	100	75.2	2076
!	Near	Maximum	!	0.4	100	75.3	2078
!	Near	Maximum	!	0.5	100	75.4	2080
!	Near	Maximum	!	0.7	100	75.5	2083

Powder : ADI AR 2208 32DegC Ambien
 Step Fill. Charge Vel.
 % % Grains fps

!	Near	Maximum !	-1.3	98	74	2062
!	Near	Maximum !	-1.2	98	74.1	2065
!	Near	Maximum !	-1.1	98	74.2	2067
!	Near	Maximum !	-0.9	99	74.3	2069
!	Near	Maximum !	-0.8	99	74.4	2072
!	Near	Maximum !	-0.7	99	74.5	2074
!	Near	Maximum !	-0.5	99	74.6	2076
!	Near	Maximum !	-0.4	99	74.7	2079
!	Near	Maximum !	-0.3	99	74.8	2081
!	Near	Maximum !	-0.1	99	74.9	2083
!	Near	Maximum !	0	99	75	2086
!	Near	Maximum !	0.1	100	75.1	2088
!	Near	Maximum !	0.3	100	75.2	2090
!	Near	Maximum !	0.4	100	75.3	2093
!	Near	Maximum !	0.5	100	75.4	2095
!	Near	Maximum !	0.7	100	75.5	2097

Energy ft.lbs	Pmax psi	Pmuz psi	Prop.Burnt %	B_Time ms		
5118	58354	6491	99.7	1.313 !	Near	Maximum !
5130	58567	6497	99.7	1.311 !	Near	Maximum !
5142	58781	6503	99.7	1.309 !	Near	Maximum !
5154	58996	6509	99.7	1.308 !	Near	Maximum !
5166	59211	6514	99.7	1.306 !	Near	Maximum !
5178	59428	6520	99.7	1.304 !	Near	Maximum !
5189	59645	6526	99.7	1.302 !	Near	Maximum !
5201	59863	6531	99.8	1.3 !	Near	Maximum !
5213	60083	6537	99.8	1.298 !	Near	Maximum !
5225	60303	6543	99.8	1.296 !	Near	Maximum !
5237	60523	6548	99.8	1.295 !	Near	Maximum !
5249	60745	6554	99.8	1.293 !	Near	Maximum !
5261	60968	6559	99.8	1.291 !	Near	Maximum !
5273	61191	6565	99.8	1.289 !	Near	Maximum !
5285	61416	6570	99.8	1.287 !	Near	Maximum !
5296	61641	6576	99.8	1.286 !	DANGERO	LOAD-DONOT USE!

it & Crimped

Energy ft.lbs	Pmax psi	Pmuz psi	Prop.Burnt %	B_Time ms			
5194	60058	6456	99.9	1.3	!	Near	Maximum !
5206	60278	6461	99.9	1.298	!	Near	Maximum !
5217	60499	6466	99.9	1.296	!	Near	Maximum !
5229	60720	6472	99.9	1.295	!	Near	Maximum !
5241	60943	6477	99.9	1.293	!	Near	Maximum !
5253	61166	6482	99.9	1.291	!	Near	Maximum !
5265	61391	6487	99.9	1.289	!	Near	Maximum !
5276	61616	6492	99.9	1.287	!	Near	Maximum !
5288	61842	6497	100	1.285	!	DANGERO LOAD-DO	NOT USE!
5300	62069	6502	100	1.284	!	DANGERO LOAD-DO	NOT USE!
5312	62297	6507	100	1.282	!	DANGERO LOAD-DO	NOT USE!
5324	62526	6512	100	1.28	!	DANGERO LOAD-DO	NOT USE!
5336	62756	6517	100	1.278	!	DANGERO LOAD-DO	NOT USE!
5348	62987	6522	100	1.276	!	DANGERO LOAD-DO	NOT USE!
5360	63218	6527	100	1.275	!	DANGERO LOAD-DO	NOT USE!
5371	63451	6532	100	1.273	!	DANGERO LOAD-DO	NOT USE!