

# Handloads.Com

Tests were conducted at the Linebaugh Seminar in Cody, Wy June 2002, 2003, 2004. Two bullets were fired, one into stacks of wet paper, and another into a 4" dia. beef knuckle joint bone backed by wet paper. Loads with n/a in the paper or paper & bone columns were not fired into that media.

I'd like to thank John Linebaugh for hosting the seminar and organizing the tests, and the record keepers who tracked all the loads.

Caliber	Bullet Type	Bullet Weight (gr)	Velocity	Paper (in)	Paper & Bone (in)	Comments
9.3x62	Nosler Ballistic Tip	250	2,725	17.0	n/a	Year tested: 2004
600 Nitro Express	Barnes Orig FMJ	900	2,316	56.0	56.0	WENT THROUGH PAPER AND BONE AND OUT BOTTOM OF BOARD WRECKING EVERYTHING IN PROCESS Year tested: 2004
505 Barnes S.	Barnes FMJ	700	2,347	56.0	n/a	Exited box Year tested: 2004
500 S&W	WFNGC	440	1,500	n/a	35.0	4" bone + paper Year tested: 2004
500 S&W	WFN	440	1,445	35.0	n/a	Year tested: 2004
500 S&W	WFN	440	1,449	40.0	18.0	Year tested: 2003
500 Nitro Express	SP	570	2,500	14.0	n/a	Expanded to 1 5/8", removed the first 6" of paper, & had a 4" wound channel Year tested: 2002
500 Nitro Express	SP	570	2,150	25.0	n/a	Mushroomed and straight Year tested: 2002
500 Nitro Express	Solid	570	2,150	48.0	n/a	Tumbled and undamaged Year tested: 2002
500 Nitro Express	A Square	570	2,500	55.0	n/a	Tumbled, hit the wood, and re-entered the paper Year tested: 2002
500 Maximum	LFN	590	1,202	49.5	25.0	Year tested: 2003
500 MAX	LFN	450	1,443	n/a	48.0	4" bone + paper Year tested: 2004
500 Linebaugh (8" barrel)	LFN	485	792	27.0	n/a	Year tested: 2004

500 Linebaugh	Sierra	400	1,284	16.0	n/a	Year tested: 2004
500 Linebaugh	LBT	435	1,000	30.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
500 Linebaugh	LBT	435	1,000	34.0	n/a	The bullet went low, dug a channel in the wood floor, and turned back into the paper Year tested: 2002
500 Linebaugh	LBT	435	1,270	38.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
500 Linebaugh	Keith	480	1,200	41.0	n/a	The bullet tipped at the end of its travel and was undamaged Year tested: 2002
500 Linebaugh	Belt Mounta in Brass Solid	450	1,297	46.0	43.5	Year tested: 2003
500 Linebaugh	LBT	495	1,270	52.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
500 Linebaugh	LFN	500	1,086	57.0	n/a	Year tested: 2004
50 Alaskan	LBT	505	1,933	40.0	33.0	Year tested: 2003
50 AK	BMB	458	2,033	n/a	66.0	4" bone + paper Year tested: 2004
50 AK	LBT/LF N	540	1,785	45.0	n/a	Year tested: 2004
50 AE	HP	325	1,780	15.0	n/a	Year tested: 2004
480 Ruger	XTP	325	1,325	17.0	n/a	Straight and Expanded Year tested: 2002
480 Ruger	LFN	306	1,058	25.0	7.5	(stopped 1/2" past the bone) Year tested: 2003
480 Ruger	CPBC LFN	390	1,147	31.0	4.0	paper, came apart in middle of bone Year tested: 2003
475 Maximum	LFN	430	1,450	51.5	17.0	Year tested: 2003
475 Linebaugh	LBT	420	1,050	40.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
475 Linebaugh	LBT	405	1,485	40.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
475 Linebaugh	LBT	420	1,335	47.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
475 Linebaugh	LFN	430	1,272	64.0	20.0	exited back on paper test

						Year tested: 2003
470 Nitro Express	Woodleigh Solid (300 g.)	500	n/a	n/a	62.0	4" bone + paper Year tested: 2004
470 Nitro Express	Woodleigh Solid (250 g.)	500	n/a	n/a	51.0	4" bone + paper Year tested: 2004
470 Nitro Express	Woodleigh Soft	500	n/a	n/a	16.0	4" bone + paper Year tested: 2004
470 Nitro Express	Trophy Bonded Sledge	500	n/a	n/a	41.0	4" bone + paper Year tested: 2004
470 Nitro Express	Grizzly BMB	458	n/a	32.0	n/a	Year tested: 2004
45x2 7/8" Sharps	Lead	543	1,412	26.0	16.0	Year tested: 2003
458 Win Mag	FMJ	500	2,260	47.0	n/a	The bullet tumbled, hit the wood floor, and re-entered the paper Year tested: 2002
45-75 (yes, an old 1876 Winchester)	LBT	350	1,490	52.0	14.0	Year tested: 2003
45-70	Mt. Baldy Keith	550	1,650	n/a	30.0	4" bone + paper Year tested: 2004
45-70	Garrett Hammer Head	415	1,850	23.0	n/a	Mushroomed and straight Year tested: 2002
45-70	Saeco Hard Cast	350	2,250	25.0	n/a	Expanded and shed the mushroom Year tested: 2002
45-70	CPBC FNGC	460	1,732	28.0	8.0	(came apart on back side of bone) Year tested: 2003
45-70	Barnes Solid Round Nose	450	1,713	47.0	37.5	Year tested: 2003
45-70	Garrett Hammer Head	530	1,550	55.0	n/a	Front swaged out and tipped Year tested: 2002
454 Casull	Punch Bullet	315	1,600	n/a	49.0	4" bone + paper Year tested: 2004
454 Casull	Freedom Arms JFP	300	1,625	34.0	n/a	The bullet tipped at the end of its travel and was undamaged Year tested: 2002
454 Casull	LBT	300	1,364	38.5	16.0	

						Year tested: 2003
454 Casull	Corbon Penetrator	360	1,500	45.0	n/a	The bullet tipped at the end of its travel and was undamaged Year tested: 2002
45 Colt	Factory LRN	250	950	21.0	n/a	Year tested: 2004
45 Colt	LFN	330	1,289	22.0	n/a	Year tested: 2004
45 Colt	Unknown	300	1,137	23.5	4.5	Year tested: 2003
45 Colt	Keith	265	944	24.0	n/a	Year tested: 2004
45 Colt	LFN	350	1,030	26.0	n/a	Year tested: 2004
45 Colt	Mt. Baldy Keith	265	675	27.0	n/a	Year tested: 2004
45 Colt	CPBC LFN	335	1,158	29.0	13.0	Year tested: 2003
45 Colt	Keith	310	1,250	36.0	n/a	The bullet tipped at the end of its travel and was undamaged Year tested: 2002
45 Colt	LBT	300	1,180	38.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
45 Colt	LBT	350	1,187	42.0	8.0	Year tested: 2003
45 Colt	LBT	350	1,400	43.0	n/a	Penetrated the paper and stuck itself .25" in the wood backstop Year tested: 2002
45 Auto Rim	Keith	240	860	20.0	n/a	Year tested: 2004
444 Marlin	LFNGC	320	1,947	n/a	24.0	4" bone + paper Year tested: 2004
44 Special	CPBC	255	1,031	22.5	8.0	Year tested: 2003
44 Magnum (from a levergun)	LBT	300	1,471	34.0	16.0	Year tested: 2003
44 Magnum	Keith	250	1,200	27.0	n/a	The bullet traveled straight and was undamaged Our test standard Year tested: 2002
44 Magnum	LBT	300	1,520	30.0	35.0	Year tested: 2003
44 Magnum	LFN	340	1,320	32.0	42.0	Turned sideways on paper test Year tested: 2003
410 GNR	CPBC	250	1,599	30.0	8.0	Year tested: 2003
41 Special	SWC	230	955	26.0	n/a	Year tested: 2004

41 Magnum	Unkno wn	210	1,252	26.5	10.5	Year tested: 2003
41 Mag	220gr Mt. Baldy Keith	220	1,079	17.0	n/a	Year tested: 2004
41 Mag	LFN	260	1,354	41.0	n/a	Year tested: 2004
405 Winchester	Mt Baldy	300	2,242	31.0	13.0	Year tested: 2003
405 Winchester	Mt Baldy	350	2,261	32.0	23.0	Year tested: 2003
38 Special	JHP	125	620	8.0	n/a	Year tested: 2004
375 Huff Short Mag	LBT	230	1,400	39.0	n/a	The bullet traveled straight and was undamaged Year tested: 2002
375 H&H	Mt. Baldy FNGC	290	2,107	24.0	n/a	Year tested: 2004
338 Lapua	FXB	250	2,900	32.0	n/a	Year tested: 2004
30-06	Cor Lokt	220	2,315	17.5	10.0	Year tested: 2003
30-06	Mt. Baldy RNGC	220	2,145	18.0	n/a	Year tested: 2004
300 Arnold	Speer GRAND SLAM	180	3,175	16.0	n/a	Year tested: 2004
257 Roberts	Barnes X	100	n/a	20.0	n/a	Year tested: 2004
25-20	Unkno wn	n/a	1,049	14.5	n/a	Year tested: 2003
25-20	Unkno wn	n/a	1,244	20.0	n/a	Year tested: 2003