

Hardware Diameter (314 : 100%)	Case Size	Propellant Type Yellow = New	Note	Designation Green = non-HPR Tan = Case Bond	Vend	Case Dia.	Tot. Imp. (Ns)	Imp. Class	% of Class	Avg. Thrust (N)	Burn Time (s)
Pro24	1G	Smoky Sam		24E22-13A	CTI	24	24.2	E	21.0%	23.4	1.03
Pro24	1G	White Thunder		26E31-15A	CTI	24	26.1	E	30.5%	30.8	0.85
Pro24	1G	Vmax		25E75-17A	CTI	24	24.8	E	24.0%	74.3	0.33
Pro24	2G	Blue Streak		50F51-13A	CTI	24	49.9	F	24.8%	49.6	1.00
Pro24	2G	White Thunder		53F70-14A	CTI	24	52.9	F	32.3%	69.1	0.77
Pro24	3G	White	Moonburner	73F30-6A	CTI	24	73.1	F	82.8%	31.0	2.36
Pro24	3G	Skidmark		60F50-13A	CTI	24	59.7	F	49.3%	50.0	1.19
Pro24	3G	Classic		75F51-12A	CTI	24	75.0	F	87.5%	50.0	1.50
Pro24	3G	Smoky Sam		68F79-13A	CTI	24	67.8	F	69.5%	78.8	0.86
Pro24	3G	White Thunder		74F85-15A	CTI	24	73.6	F	84.0%	85.0	0.87
Pro24	3G	Vmax		68F240-15A	CTI	24	68.3	F	70.8%	236.2	0.29
Pro24	6G	White	Moonburner	144G65-8A	CTI	24	144.3	G	80.4%	64.7	2.23
Pro24	6G	Green3		131G84-10A	CTI	24	131.0	G	63.8%	84.2	1.56
Pro24	6G	Skidmark		114G100-14A	CTI	24	114.5	G	43.1%	98.1	1.17
Pro24	6G	White	Dual Thrust	139G107-12A	CTI	24	139.1	G	73.9%	106.9	1.30
Pro24	6G	White		142G117-11A	CTI	24	142.3	G	77.9%	116.8	1.22
Pro24	6G	Red Lightning		137G127-14A	CTI	24	137.3	G	71.6%	127.4	1.08
Pro24	6G	Pink		140G145-15A	CTI	24	139.7	G	74.6%	145.2	0.96
Pro24	6G	Blue Streak		143G150-13A	CTI	24	142.5	G	78.1%	146.7	0.97
Pro29	1G	Imax		55F29-12A	CTI	29	54.8	F	37.0%	28.9	1.90
Pro29	1G	Classic		56F31-12A	CTI	29	55.5	F	38.8%	31.1	1.78
Pro29	1G	White		53F32-12A	CTI	29	52.8	F	32.0%	31.6	1.67
Pro29	1G	Blue Streak		51F36-14A	CTI	29	51.5	F	28.8%	36.4	1.42
Pro29	1G	Smoky Sam		41F36-11A	CTI	29	41.2	F	3.0%	38.5	1.07
Pro29	1G	White Thunder		57F59-12A	CTI	29	57.0	F	42.5%	58.9	0.96
Pro29	1G	Vmax		56F120-14A	CTI	29	56.0	F	40.0%	123.4	0.45
Pro29	2G	Classic		108G57-12A	CTI	29	107.8	G	34.8%	57.2	1.89
Pro29	2G	White		108G68-13A	CTI	29	107.8	G	34.8%	67.0	1.61
Pro29	2G	Skidmark		93G80-14A	CTI	29	92.9	G	16.1%	80.5	1.15
Pro29	2G	Blue Streak		107G83-14A	CTI	29	107.4	G	34.3%	83.1	1.29
Pro29	2G	Smoky Sam		84G88-11A	CTI	29	84.3	G	5.4%	87.8	0.96
Pro29	2G	White Thunder		116G126-13A	CTI	29	116.0	G	45.0%	125.8	0.93
Pro29	2G	Vmax		110G250-14A	CTI	29	110.0	G	37.5%	243.7	0.45
Pro29	3G	Mellow		143G33-9A	CTI	29	143.1	G	78.9%	32.7	4.38
Pro29	3G	Red Lightning	Longburn	159G54-12A	CTI	29	159.1	G	98.9%	53.6	2.97
Pro29	3G	Skidmark		138G106-14A	CTI	29	138.3	G	72.9%	106.0	1.31
Pro29	3G	Blue Streak	'G'-variant	159G118-15A	CTI	29	159.1	G	98.9%	117.8	1.35
Pro29	3G	Red Lightning		159G125-14A	CTI	29	159.6	G	99.5%	125.3	1.27
Pro29	3G	Smoky Sam		125G131-14A	CTI	29	125.2	G	56.5%	130.8	0.96
Pro29	3G	White	Longburn	168H54-10A	CTI	29	167.7	H	4.8%	53.8	3.12
Pro29	3G	Imax		168H87-12A	CTI	29	167.9	H	4.9%	86.7	1.94
Pro29	3G	Classic		164H90-12A	CTI	29	164.2	H	2.6%	90.3	1.82
Pro29	3G	Blue Streak		163H133-14A	CTI	29	163.3	H	2.1%	133.1	1.23
Pro29	3G	White Thunder		166H163-14A	CTI	29	166.3	H	3.9%	162.7	1.02
Pro29	3G	Vmax		168H410-14A	CTI	29	167.7	H	4.8%	409.0	0.41
Pro29	4G	Mellow		186H42-10A	CTI	29	186.0	H	16.3%	42.2	4.41
Pro29	4G	Classic		216H118-12A	CTI	29	216.2	H	35.1%	118.4	1.83
Pro29	4G	Skidmark		176H123-12A	CTI	29	176.5	H	10.3%	123.0	1.44
Pro29	4G	White		217H135-12A	CTI	29	216.7	H	35.4%	135.1	1.60
Pro29	4G	Red Lightning		207H151-15A	CTI	29	207.2	H	29.5%	150.8	1.38

Hardware Diameter (314 : 100%)	Case Size	Propellant Type Yellow = New	Note	Designation Green = non-HPR Tan = Case Bond	Vend	Case Dia.	Tot. Imp. (Ns)	Imp. Class	% of Class	Avg. Thrust (N)	Burn Time (s)
Pro29	4G	Blue Streak		217H170-14A	CTI	29	217.1	H	35.7%	171.3	1.27
Pro29	4G	Smoky Sam		166H175-14A	CTI	29	166.0	H	3.8%	175.1	0.95
Pro29	4G	White Thunder		229H255-14A	CTI	29	229.3	H	43.3%	254.3	0.90
Pro29	5G	Mellow		234H53-12A	CTI	29	234.2	H	46.4%	52.7	4.44
Pro29	5G	Classic		268H140-11A	CTI	29	268.0	H	67.5%	141.8	1.89
Pro29	5G	Skidmark		220H160-14A	CTI	29	220.5	H	37.8%	159.0	1.40
Pro29	5G	Red Lightning		260H194-14A	CTI	29	260.3	H	62.7%	194.3	1.34
Pro29	5G	Blue Streak		261H200-14A	CTI	29	260.8	H	63.0%	201.7	1.29
Pro29	5G	Smoky Sam		206H237-13A	CTI	29	206.2	H	28.9%	237.2	0.88
Pro29	6G	Green3		298H159-15A	CTI	29	298.2	H	86.4%	158.9	1.88
Pro29	6G	Classic		312H160-12A	CTI	29	311.7	H	94.8%	161.5	1.93
Pro29	6G	Skidmark		258H180-14A	CTI	29	258.0	H	61.3%	179.6	1.44
Pro29	6G	Red Lightning		311H233-14A	CTI	29	311.5	H	94.7%	233.5	1.33
Pro29	6G	Blue Streak		315H255-14A	CTI	29	315.4	H	97.1%	254.2	1.24
Pro29	6G	Smoky Sam		253H295-13A	CTI	29	252.7	H	57.9%	296.0	0.85
Pro29	6G	White Thunder		282H399-12A	CTI	29	282.2	H	76.4%	399.3	0.71
Pro29	6G	Imax		348I204-13A	CTI	29	347.7	I	8.7%	204.2	1.70
Pro29	6GXL	Skidmark		305H226-14A	CTI	29	305.0	H	90.6%	225.6	1.35
Pro29	6GXL	Smoky Sam		287H340-14A	CTI	29	287.3	H	79.6%	340.6	0.84
Pro29	6GXL	Classic		381I224-15A	CTI	29	381.5	I	19.2%	223.8	1.70
Pro29	6GXL	White		382I243-13A	CTI	29	381.7	I	19.3%	242.7	1.57
Pro38	1G	Classic		127G46-11A	CTI	38	127.3	G	59.1%	46.2	2.76
Pro38	1G	Imax		150G50-15A	CTI	38	150.0	G	87.5%	52.5	2.87
Pro38	1G	White		137G58-13A	CTI	38	136.8	G	71.0%	57.9	2.36
Pro38	1G	Red Lightning		134G60-14A	CTI	38	134.2	G	67.8%	60.3	2.23
Pro38	1G	Skidmark		117G69-14A	CTI	38	117.2	G	46.4%	63.6	1.84
Pro38	1G	Blue Streak		141G78-15A	CTI	38	140.9	G	76.1%	78.4	1.80
Pro38	1G	Smoky Sam		129G79-13A	CTI	38	129.0	G	61.3%	79.9	1.63
Pro38	1G	White Thunder		141G115-13A	CTI	38	140.6	G	75.8%	113.5	1.24
Pro38	1G	Vmax		128G185-12A	CTI	38	128.0	G	60.0%	183.3	0.69
Pro38	2G	Imax		286H100-15A	CTI	38	286.4	H	79.0%	101.7	2.82
Pro38	2G	White		269H110-14A	CTI	38	269.1	H	68.2%	109.3	2.47
Pro38	2G	Red Lightning		261H120-14A	CTI	38	260.7	H	62.9%	121.4	2.15
Pro38	2G	Skidmark		232H123-14A	CTI	38	232.4	H	45.3%	122.5	1.90
Pro38	2G	Classic		266H125-12A	CTI	38	265.6	H	66.0%	125.1	2.15
Pro38	2G	Smoky Sam		247H143-13A	CTI	38	247.0	H	54.4%	142.4	1.73
Pro38	2G	Blue Streak		276H152-15A	CTI	38	275.9	H	72.4%	152.4	1.81
Pro38	2G	White Thunder		273H225-14A	CTI	38	273.2	H	70.8%	226.3	1.21
Pro38	2G	Vmax		255H400-13A	CTI	38	255.0	H	59.4%	396.0	0.64
Pro38	3G	Mellow		395I55-9A	CTI	38	394.6	I	23.3%	55.2	7.15
Pro38	3G	Classic		382I170-14A	CTI	38	382.0	I	19.4%	169.2	2.26
Pro38	3G	White		411I175-14A	CTI	38	411.4	I	28.6%	174.4	2.36
Pro38	3G	Skidmark		338I180-14A	CTI	38	338.4	I	5.8%	180.9	1.87
Pro38	3G	Red Lightning		396I195-16A	CTI	38	396.2	I	23.8%	196.0	2.02
Pro38	3G	Smoky Sam		364I212-14A	CTI	38	364.0	I	13.8%	212.7	1.71
Pro38	3G	Blue Streak		413I236-17A	CTI	38	413.0	I	29.1%	236.3	1.75
Pro38	3G	White Thunder		408I345-15A	CTI	38	407.6	I	27.4%	345.1	1.18
Pro38	3G	Vmax		370I566-15A	CTI	38	370.0	I	15.6%	566.0	0.65
Pro38	4G	Skidmark		434I223-14A	CTI	38	434.1	I	35.6%	223.4	1.94
Pro38	4G	White		548I242-15A	CTI	38	548.2	I	71.3%	242.1	2.26

Hardware Diameter (314 : 100%)	Case Size	Propellant Type Yellow = New	Note	Designation Green = non-HPR Tan = Case Bond	Vend	Case Dia.	Tot. Imp. (Ns)	Imp. Class	% of Class	Avg. Thrust (N)	Burn Time (s)
Pro38	4G	Red Lightning		517I255-16A	CTI	38	517.3	I	61.7%	253.0	2.04
Pro38	4G	Classic		512I285-15A	CTI	38	510.1	I	59.4%	267.0	1.91
Pro38	4G	Smoky Sam		486I287-15A	CTI	38	486.0	I	51.9%	286.2	1.70
Pro38	4G	Blue Streak		538I303-16A	CTI	38	537.6	I	68.0%	303.2	1.77
Pro38	4G	White Thunder		540I470-15A	CTI	38	540.1	I	68.8%	472.2	1.14
Pro38	4G	Vmax		419I800-15A	CTI	38	419.2	I	31.0%	805.3	0.52
Pro38	5G	White	Longburn	567I125-10A	CTI	38	566.6	I	77.1%	128.5	4.41
Pro38	5G	Classic	'I'-variant	636I216-14A	CTI	38	636.1	I	98.8%	216.1	2.94
Pro38	5G	Skidmark		543I297-15A	CTI	38	542.8	I	69.6%	296.7	1.83
Pro38	5G	Smoky Sam		601I350-16A	CTI	38	601.0	I	87.8%	352.1	1.71
Pro38	5G	White Thunder		634I540-16A	CTI	38	635.0	I	98.4%	540.8	1.18
Pro38	5G	Mellow		644J94-P	CTI	38	644.0	J	0.6%	94.4	6.82
Pro38	5G	Green3		650J270-13A	CTI	38	650.3	J	1.6%	270.8	2.40
Pro38	5G	Classic		648J285-15A	CTI	38	648.0	J	1.3%	287.5	2.26
Pro38	5G	White		684J290-15A	CTI	38	683.6	J	6.8%	295.4	2.31
Pro38	5G	Pink		654J316-17A	CTI	38	654.3	J	2.2%	315.1	2.08
Pro38	5G	Red Lightning		649J335-15A	CTI	38	649.2	J	1.4%	335.5	1.93
Pro38	5G	Blue Streak		658J357-17A	CTI	38	657.6	J	2.8%	357.0	1.85
Pro38	6G	Classic		765J330-16A	CTI	38	765.0	J	19.5%	325.3	2.26
Pro38	6G	White		819J354-16A	CTI	38	818.7	J	27.9%	354.7	2.31
Pro38	6G	Skidmark		660J381-15A	CTI	38	659.9	J	3.1%	380.6	1.73
Pro38	6G	Smoky Sam		700J400-16A	CTI	38	700.0	J	9.4%	402.0	1.75
Pro38	6G	Red Lightning		774J410-16A	CTI	38	773.8	J	20.9%	408.9	1.89
Pro38	6G	Blue Streak		784J425-16A	CTI	38	783.9	J	22.5%	426.9	1.84
Pro38	6GXL	Mellow		949J150-P	CTI	38	949.2	J	48.3%	148.4	6.40
Pro38	6GXL	Green3		970J394-13A	CTI	38	970.4	J	51.6%	394.1	2.46
Pro38	6GXL	Classic		1008J420-15A	CTI	38	1,007.8	J	57.5%	419.9	2.40
Pro38	6GXL	White		1013J453-16A	CTI	38	1,012.6	J	58.2%	452.7	2.24
Pro38	6GXL	Skidmark		848J520-16A	CTI	38	848.4	J	32.6%	519.4	1.63
Pro38	6GXL	Imax		1115J530-15A	CTI	38	1,115.5	J	74.3%	531.2	2.10
Pro38	6GXL	Smoky Sam		896J580-17A	CTI	38	896.3	J	40.0%	577.3	1.55
Pro38	6GXL	Blue Streak		985J595-16A	CTI	38	985.0	J	53.9%	595.4	1.65
Pro38	6GXL	Red Lightning		999J600-16A	CTI	38	998.6	J	56.0%	603.5	1.66
Pro54	1G	Imax		502I120-15A	CTI	54	501.8	I	56.8%	122.2	4.12
Pro54	1G	Skidmark		396I140-14A	CTI	54	395.6	I	23.6%	137.1	2.89
Pro54	1G	Blue Streak		465I150-11A	CTI	54	465.1	I	45.4%	149.5	3.10
Pro54	1G	C-Star		518I165-17A	CTI	54	518.2	I	61.9%	162.6	3.19
Pro54	1G	White Thunder		491I218-14A	CTI	54	491.2	I	53.5%	218.3	2.30
Pro54	1G	Vmax		475I445-16A	CTI	54	474.9	I	48.4%	442.7	1.07
Pro54	2G	Red Lightning	Longburn	614I100-17A	CTI	54	613.6	I	91.8%	98.5	6.23
Pro54	2G	Skidmark	Longburn	699J145-19A	CTI	54	699.1	J	9.2%	143.7	4.87
Pro54	2G	Classic		836J210-16A	CTI	54	836.0	J	30.6%	210.0	3.99
Pro54	2G	Red Lightning		806J240-16A	CTI	54	806.0	J	25.9%	240.8	3.35
Pro54	2G	White		867J244-14A	CTI	54	867.2	J	35.5%	244.3	3.55
Pro54	2G	Skidmark		683J250-15A	CTI	54	682.8	J	6.7%	250.0	2.70
Pro54	2G	Smoky Sam		716J280-16A	CTI	54	716.5	J	12.0%	282.0	2.54
Pro54	2G	Blue Streak		838J293-13A	CTI	54	837.9	J	30.9%	292.7	2.90
Pro54	2G	White Thunder		821J430-18A	CTI	54	821.1	J	28.3%	432.4	1.90
Pro54	2G	Vmax		747J1055-17A	CTI	54	746.6	J	16.7%	1,056.9	0.70
Pro54	3G	White	Longburn	1211J140-P	CTI	54	1,210.6	J	89.2%	142.9	8.47

Hardware Diameter (314 : 100%)	Case Size	Propellant Type Yellow = New	Note	Designation Green = non-HPR Tan = Case Bond	Vend	Case Dia.	Tot. Imp. (Ns)	Imp. Class	% of Class	Avg. Thrust (N)	Burn Time (s)
Pro54	3G	Classic		1195J295-16A	CTI	54	1,196.3	J	86.9%	298.0	4.00
Pro54	3G	Red Lightning		1190J355-17A	CTI	54	1,189.5	J	85.9%	353.3	3.37
Pro54	3G	Skidmark		1016J360-16A	CTI	54	1,015.9	J	58.7%	362.4	2.80
Pro54	3G	Smoky Sam		1043J380-16A	CTI	54	1,043.0	J	63.0%	382.0	2.73
Pro54	3G	Blue Streak		1261J449-15A	CTI	54	1,260.5	J	97.0%	448.5	2.80
Pro54	3G	White Thunder		1266J760-19A	CTI	54	1,265.7	J	97.8%	757.7	1.67
Pro54	3G	Vmax		1093J1520-17A	CTI	54	1,092.5	J	70.7%	1,519.8	0.71
Pro54	3G	White		1281K360-13A	CTI	54	1,280.9	K	0.1%	363.6	3.52
Pro54	4G	Classic	Longburn	1526K160-6	CTI	54	1,525.5	K	19.2%	157.9	9.66
Pro54	4G	Green3		1597K400-14A	CTI	54	1,596.7	K	24.7%	398.6	4.01
Pro54	4G	Classic		1635K445-17A	CTI	54	1,636.3	K	27.8%	445.0	3.67
Pro54	4G	Skidmark		1364K454-19A	CTI	54	1,363.7	K	6.5%	454.1	3.00
Pro54	4G	Red Lightning		1596K500-18A	CTI	54	1,595.6	K	24.7%	498.2	3.20
Pro54	4G	White		1711K520-17A	CTI	54	1,710.5	K	33.6%	520.2	3.29
Pro54	4G	Smoky Sam		1412K530-16A	CTI	54	1,412.0	K	10.3%	529.0	2.67
Pro54	4G	Blue Streak		1679K630-15A	CTI	54	1,679.4	K	31.2%	629.1	2.70
Pro54	4G	C-Star		1874K740-18A	CTI	54	1,873.9	K	46.4%	740.1	2.53
Pro54	4G	White Thunder		1633K940-18A	CTI	54	1,632.7	K	27.6%	934.8	1.75
Pro54	4G	Vmax		1408K2045-17A	CTI	54	1,407.6	K	10.0%	2,045.0	0.69
Pro54	5G	White	Longburn	2021K261-P	CTI	54	2,020.9	K	57.9%	259.8	7.78
Pro54	5G	Green3		1990K490-16A	CTI	54	1,978.4	K	54.6%	485.5	4.08
Pro54	5G	Skidmark		1654K515-16A	CTI	54	1,653.9	K	29.2%	513.4	3.20
Pro54	5G	Classic		2060K570-17A	CTI	54	2,062.9	K	61.2%	574.0	3.59
Pro54	5G	White		2130K600-17A	CTI	54	2,129.8	K	66.4%	600.3	3.55
Pro54	5G	Red Lightning		1994K635-17A	CTI	54	1,994.4	K	55.8%	637.3	3.13
Pro54	5G	Pink		1997K650-21A	CTI	54	1,997.1	K	56.0%	651.5	3.07
Pro54	5G	Smoky Sam		1750K650-16A	CTI	54	1,749.5	K	36.7%	656.0	2.66
Pro54	5G	Blue Streak		2108K780-15A	CTI	54	2,107.8	K	64.7%	779.9	2.70
Pro54	5G	White Thunder		2014K1200-16A	CTI	54	2,014.0	K	57.3%	1,194.0	1.69
Pro54	6G	Classic	Longburn	2285K260-P	CTI	54	2,285.1	K	78.5%	263.3	8.68
Pro54	6G	Classic	Dual Thrust	2398K590-15A	CTI	54	2,397.6	K	87.3%	590.5	4.06
Pro54	6G	Classic		2437K660-17A	CTI	54	2,437.0	K	90.4%	659.0	3.69
Pro54	6G	Skidmark		2010K675-18A	CTI	54	2,009.6	K	57.0%	673.8	3.00
Pro54	6G	White		2377K711-18A	CTI	54	2,377.2	K	85.7%	710.4	3.35
Pro54	6G	Red Lightning		2352K750-18A	CTI	54	2,352.5	K	83.8%	749.8	3.14
Pro54	6G	Blue Streak		2383K820-17A	CTI	54	2,383.0	K	86.2%	821.6	2.90
Pro54	6G	White Thunder		2372K1440-17A	CTI	54	2,372.0	K	85.3%	1,437.0	1.65
Pro54	6GXL	Classic	Longburn	2546K300-P	CTI	54	2,546.0	K	98.9%	304.0	8.38
Pro54	6GXL	Skidmark		2304K815-P	CTI	54	2,303.7	K	80.0%	814.9	2.80
Pro54	6GXL	Mellow		2645L265-P	CTI	54	2,644.6	L	3.3%	266.8	9.91
Pro54	6GXL	Classic	Dual Thrust	2772L640-P	CTI	54	2,772.2	L	8.3%	638.4	4.30
Pro54	6GXL	Classic		2765L730-P	CTI	54	2,765.0	L	8.0%	733.0	3.77
Pro54	6GXL	White		2833L805-P	CTI	54	2,833.0	L	10.7%	804.5	3.52
Pro54	6GXL	Imax		3147L935-P	CTI	54	3,146.8	L	22.9%	933.8	3.37
Pro54	6GXL	Blue Streak		2771L990-P	CTI	54	2,771.0	L	8.2%	991.0	2.80
Pro54	6GXL	Red Lightning		2788L1030-P	CTI	54	2,787.9	L	8.9%	1,031.0	2.70
Pro75	2G	Classic		2486K510-P	CTI	75	2,486.0	K	94.2%	514.0	4.84
Pro75	2G	White		2406K555-P	CTI	75	2,406.2	K	88.0%	555.1	4.33
Pro75	2G	Blue Streak		2430K661-P	CTI	75	2,430.4	K	89.9%	660.5	3.68
Pro75	2G	Skidmark		1955K735-P	CTI	75	1,955.2	K	52.8%	735.7	2.66

Hardware Diameter (314 : 100%)	Case Size	Propellant Type Yellow = New	Note	Designation Green = non-HPR Tan = Case Bond	Vend	Case Dia.	Tot. Imp. (Ns)	Imp. Class	% of Class	Avg. Thrust (N)	Burn Time (s)
Pro75	2G	White Thunder		2412K1085-P	CTI	75	2,412.0	K	88.4%	1,113.0	2.12
Pro75	2G	Vmax		2330K2000-P	CTI	75	2,329.9	K	82.0%	2,036.1	1.14
Pro75	2G	Imax		2653L585-P	CTI	75	2,653.4	L	3.6%	583.8	4.55
Pro75	2G	C-Star		2856L910-P	CTI	75	2,856.1	L	11.6%	907.1	3.15
Pro75	3G	Green3		3419L645-P	CTI	75	3,419.8	L	33.6%	644.8	5.30
Pro75	3G	Classic		3757L800-P	CTI	75	3,757.0	L	46.8%	804.0	4.67
Pro75	3G	Skidmark		2946L820-P	CTI	75	2,945.6	L	15.1%	819.9	3.59
Pro75	3G	White		3683L851-P	CTI	75	3,683.2	L	43.9%	849.1	4.34
Pro75	3G	Red Lightning		3618L995-P	CTI	75	3,618.0	L	41.3%	996.5	3.63
Pro75	3G	Blue Streak		3727L1050-P	CTI	75	3,727.0	L	45.6%	1,046.1	3.56
Pro75	3G	C-Star		4263L1350-P	CTI	75	4,263.1	L	66.5%	1,349.6	3.16
Pro75	3G	White Thunder		3660L1720-P	CTI	75	3,660.0	L	43.0%	1,771.0	2.00
Pro75	3G	Vmax		3300L3200-P	CTI	75	3,300.3	L	28.9%	3,209.4	1.03
Pro75	4G	Classic		5015L1115-P	CTI	75	5,015.0	L	95.9%	1,119.0	4.48
Pro75	4G	Smoky Sam		4025L1355-P	CTI	75	4,025.5	L	57.2%	1,355.7	2.97
Pro75	4G	Blue Streak		4895L1395-P	CTI	75	4,895.4	L	91.2%	1,395.7	3.51
Pro75	4G	White Thunder		4864L2375-P	CTI	75	4,864.0	L	90.0%	2,451.0	1.90
Pro75	4G	White		5198M1101-P	CTI	75	5,197.6	M	1.5%	1,111.2	4.68
Pro75	4G	Imax		5506M1230-P	CTI	75	5,506.5	M	7.5%	1,229.6	4.48
Pro75	4G	C-Star		5604M1830-P	CTI	75	5,603.7	M	9.4%	1,826.5	3.07
Pro75	4G	C-Star		5472M2250-P	CTI	75	5,472.2	M	6.9%	2,267.5	2.41
Pro75	5.3G	White Thunder	Also 6G w/ spcr	6800M3700-P	CTI	75	6,800.3	M	32.8%	3,710.0	1.83
Pro75	5G	Mellow		4937L395-P	CTI	75	4,936.8	L	92.8%	393.7	12.54
Pro75	5G	Skidmark		4828L1410-P	CTI	75	4,828.3	L	88.6%	1,409.1	3.43
Pro75	5G	Smoky Sam		5069L1685-P	CTI	75	5,069.3	L	98.0%	1,685.8	3.01
Pro75	5G	Green3		5880M1160-P	CTI	75	5,880.2	M	14.8%	1,160.2	5.07
Pro75	5G	Imax	Dual Thrust	6438M1300-P	CTI	75	6,438.2	M	25.7%	1,303.9	4.94
Pro75	5G	White		6268M1401-P	CTI	75	6,268.3	M	22.4%	1,396.1	4.49
Pro75	5G	Classic		6251M1400-P	CTI	75	6,251.0	M	22.1%	1,398.0	4.47
Pro75	5G	Imax		6819M1540-P	CTI	75	6,819.4	M	33.2%	1,537.1	4.44
Pro75	5G	Blue Streak		6026M1670-P	CTI	75	6,041.7	M	18.0%	1,667.8	3.63
Pro75	5G	Pink		6162M1675-P	CTI	75	6,162.0	M	20.4%	1,674.1	3.68
Pro75	5G	Red Lightning		6128M1810-P	CTI	75	6,132.0	M	19.8%	1,811.3	3.39
Pro75	5G	White Thunder		6118M3100-P	CTI	75	6,117.8	M	19.5%	3,075.0	1.99
Pro75	6G	White	Longburn	7521M840-P	CTI	75	7,521.2	M	46.9%	837.9	9.00
Pro75	6G	Classic		7545M1590-P	CTI	75	7,544.6	M	47.4%	1,592.4	4.74
Pro75	6G	Skidmark		5933M1770-P	CTI	75	5,933.4	M	15.9%	1,776.8	3.34
Pro75	6G	Imax		8429M2020-P	CTI	75	8,429.4	M	64.6%	2,021.9	4.17
Pro75	6G	Blue Streak		7388M2045-P	CTI	75	7,388.0	M	44.3%	2,046.6	3.61
Pro75	6G	Smoky Sam		6287M2075-P	CTI	75	6,286.6	M	22.8%	2,074.8	3.03
Pro75	6G	Red Lightning		7455M2150-P	CTI	75	7,455.4	M	45.6%	2,147.0	3.47
Pro75	6GXL	Green3		8187M1545-P	CTI	75	8,186.7	M	59.9%	1,547.3	5.29
Pro75	6GXL	Skidmark		6827M2080-P	CTI	75	6,827.3	M	33.3%	2,081.5	3.28
Pro75	6GXL	Imax		9977M2245-P	CTI	75	9,976.7	M	94.9%	2,326.4	4.29
Pro98	1G	Vmax		2440K1620-P	CTI	98	2,439.6	K	90.6%	1,619.5	1.51
Pro98	2G	Classic		4842L610-P	CTI	98	4,842.0	L	89.1%	613.0	8.13
Pro98	2G	Vmax		4807L3150-P	CTI	98	4,807.8	L	87.8%	3,137.4	1.53
Pro98	2G	White Thunder		5342M1560-P	CTI	98	5,342.0	M	4.3%	1,562.0	3.42
Pro98	3G	Classic	Moonburner	7400M520-P	CTI	98	7,441.0	M	45.3%	542.0	13.81
Pro98	3G	Classic		7441M1060-P	CTI	98	7,441.0	M	45.3%	1,057.3	7.23

Hardware Diameter (314 : 100%)	Case Size	Propellant Type Yellow = New	Note	Designation Green = non-HPR Tan = Case Bond	Vend	Case Dia.	Tot. Imp. (Ns)	Imp. Class	% of Class	Avg. Thrust (N)	Burn Time (s)
Pro98	3G	White		7649M1290-P	CTI	98	7,649.3	M	49.4%	1,288.0	5.94
Pro98	3G	Blue Streak		7579M1520-P	CTI	98	7,579.0	M	48.0%	1,526.0	4.97
Pro98	3G	White Thunder		7450M2505-P	CTI	98	7,450.0	M	45.5%	2,491.0	3.00
Pro98	3G	Vmax		7312M4770-P	CTI	98	7,312.4	M	42.8%	4,770.2	1.53
Pro98	4G	Classic	Moonburner	10133M795-P	CTI	98	10,133.0	M	97.9%	794.0	12.76
Pro98	4G	Classic		9955M1450-P	CTI	98	9,955.0	M	94.4%	1,456.0	6.87
Pro98	4G	Skidmark		8088M1790-P	CTI	98	8,088.9	M	58.0%	1,786.3	4.53
Pro98	4G	Blue Streak		9870M1800-P	CTI	98	9,869.7	M	92.8%	1,797.1	5.49
Pro98	4G	Red Lightning		9876M1890-P	CTI	98	9,875.6	M	92.9%	1,889.0	5.25
Pro98	4G	White Thunder		9994M3400-P	CTI	98	9,994.5	M	95.2%	3,421.1	2.92
Pro98	4G	Vmax		8634M6400-P	CTI	98	8,634.4	M	68.6%	6,365.2	1.36
Pro98	4G	White		10367N1800-P	CTI	98	10,366.9	N	1.2%	1,759.8	5.89
Pro98	5G	Pink		12066N2200-P	CTI	98	12,066.4	N	17.8%	2,174.1	5.55
Pro98	6G	Classic	Moonburner	14005N1100-P	CTI	98	14,005.0	N	36.8%	1,120.0	12.49
Pro98	6G	Green3		14272N1975-P	CTI	98	14,271.6	N	39.4%	1,974.5	7.23
Pro98	6G	White		15227N2501-P	CTI	98	15,227.2	N	48.7%	2,501.8	6.09
Pro98	6G	Classic		13766N2500-P	CTI	98	13,766.0	N	34.4%	2,562.0	5.38
Pro98	6G	Skidmark		11077N2600-P	CTI	98	11,077.3	N	8.2%	2,585.5	4.28
Pro98	6G	Blue Streak		13767N2850-P	CTI	98	13,766.9	N	34.4%	2,835.9	4.85
Pro98	6G	Red Lightning		14200N3180-P	CTI	98	14,200.1	N	38.7%	3,179.3	4.47
Pro98	6G	White Thunder		13628N5600-P	CTI	98	13,628.2	N	33.1%	5,636.1	2.42
Pro98	6G	Vmax		10347N10000-P	CTI	98	10,347.0	N	1.0%	10,219.3	1.01
Pro98	6GXL	White	Moonburner	16803N1560-P	CTI	98	16,803.0	N	64.1%	1,561.4	10.76
Pro98	6GXL	Green3		17907N2540-P	CTI	98	17,907.0	N	74.9%	2,543.4	7.04
Pro98	6GXL	Classic		17613N2900-P	CTI	98	17,613.7	N	72.0%	2,867.5	6.14
Pro98	6GXL	White		19318N3301-P	CTI	98	19,317.6	N	88.6%	3,294.3	5.86
Pro98	6GXL	Skidmark		14263N3400-P	CTI	98	14,263.3	N	39.3%	3,403.1	4.19
Pro98	6GXL	Blue Streak		17631N3800-P	CTI	98	17,631.7	N	72.2%	3,786.9	4.65
Pro98	6GXL	Red Lightning		17790N4100-P	CTI	98	17,790.3	N	73.7%	4,127.0	4.31
Pro98	6GXL	C-Star		20146N5800-P	CTI	98	20,145.7	N	96.7%	5,774.1	3.49
Pro98	6GXL	Imax		21062O3400-P	CTI	98	21,062.2	O	2.8%	3,416.7	6.16
Pro130	SU	Vmax	Single Use	30795O25000-P	CTI	130	30,794.6	O	50.4%	23,507.3	1.31
Pro150	30K	White Thunder		30605O5800-P	CTI	150	30,605.7	O	49.4%	5,786.6	5.29
Pro150	40K	Skidmark		29920O3700-P	CTI	150	29,919.9	O	46.1%	3,654.3	8.19
Pro150	40K	Blue Streak		37148O4900-P	CTI	150	37,148.5	O	81.4%	4,890.9	7.60
Pro150	40K	White Thunder		40960O8000-P	CTI	150	40,960.0	O	100.0%	8,034.5	5.12
AMW54	1050	Tamed Tiger		1099J325-P	AMW	54	1,099.0	J	71.7%	326.1	3.37
AMW54	1050	Red Rhino		1079J395-P	AMW	54	1,079.3	J	68.6%	392.5	2.74
AMW54	1050	Black Bear	Gr. Nozzle	977J400-P	AMW	54	977.0	J	52.7%	400.0	
AMW54	1050	Black Bear		1025J475-P	AMW	54	976.9	J	52.6%	403.6	2.42
AMW54	1050	Blue Baboon		1109J440-P	AMW	54	1,109.0	J	73.3%	441.7	2.48
AMW54	1050	Wild Wolf		1196J745-P	AMW	54	1,196.4	J	86.9%	742.8	1.61
AMW54	1050	Scalded Tiger		932J1365-P	AMW	54	932.4	J	45.7%	1,365.3	0.68
AMW54	1400	Blue Baboon		1233J475-P	AMW	54	1,233.4	J	92.7%	475.4	2.60
AMW54	1400	Tamed Tiger		1483K455-P	AMW	54	1,483.0	K	15.9%	457.1	3.24
AMW54	1400	Red Rhino		1422K535-P	AMW	54	1,441.8	K	12.6%	532.6	2.71
AMW54	1400	Black Bear	Gr. Nozzle	1337K590-P	AMW	54	1,337.0	K	4.5%	590.0	
AMW54	1400	Black Bear		1379K665-P	AMW	54	1,336.5	K	4.4%	591.2	2.26
AMW54	1400	Wild Wolf		1581K935-P	AMW	54	1,581.2	K	23.5%	933.2	1.70
AMW54	1400	Scalded Tiger		1176K1720-P	AMW	54	1,176.2	K	83.8%	1,722.3	0.68

Hardware Diameter (314 : 100%)	Case Size	Propellant Type Yellow = New	Note	Designation Green = non-HPR Tan = Case Bond	Vend	Case Dia.	Tot. Imp. (Ns)	Imp. Class	% of Class	Avg. Thrust (N)	Burn Time (s)
AMW54	1750	Tamed Tiger		1852K580-P	AMW	54	1,851.9	K	44.7%	579.0	3.19
AMW54	1750	Skidmark		1531K610-P	AMW	54	1,531.0	K	19.6%	612.1	2.50
AMW54	1750	Red Rhino		1806K670-P	AMW	54	1,806.1	K	41.1%	672.4	2.68
AMW54	1750	Black Bear	Gr. Nozzle	1660K700-P	AMW	54	1,660.0	K	29.7%	700.0	
AMW54	1750	Black Bear		1725K855-P	AMW	54	1,659.6	K	29.7%	700.1	2.37
AMW54	1750	Blue Baboon		1791K710-P	AMW	54	1,791.4	K	40.0%	712.2	2.51
AMW54	1750	Wild Wolf		1951K1250-P	AMW	54	1,950.9	K	52.4%	1,251.9	1.56
AMW54	2550	Skidmark		2245K1075-P	AMW	54	2,245.1	K	75.4%	1,073.0	2.09
AMW54	2550	Blue Baboon		2551K1130-P	AMW	54	2,550.7	K	99.3%	1,127.6	2.27
AMW54	2550	Tamed Tiger		2665L985-P	AMW	54	2,664.6	L	4.1%	986.2	2.70
AMW54	2550	Red Rhino		2730L1276-P	AMW	54	2,729.3	L	6.6%	1,276.2	2.08
ABC75	6000	Skidmark		4701L1290-P	AMW	75	4,701.1	L	83.6%	1,291.4	3.64
ABC75	7600	Tamed Tiger	Dual Thrust	8212M1630-P	AMW	75	8,212.0	M	60.4%	1,630.0	
ABC75	7600	Skidmark		6774M2050-P	AMW	75	6,774.6	M	32.3%	2,049.8	3.31