

6 GT

Test Specifications:

Firearm Used: Universal Receiver

Barrel Length: 24"

Twist: 1x8"

Components:

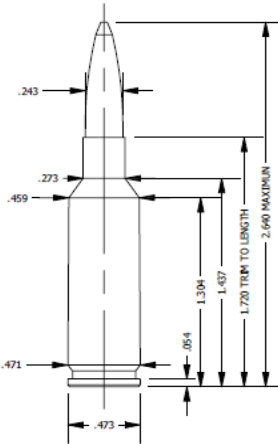
Case: Alpha

Trim-to-Length: 1.720"

Primer: Federal 205

Remarks:



American rifle chambered in 6.5 Grendel. The rifle's full-size stock of



INDICATES MAXIMUM LOAD - USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT

5D.

6MM GT

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1502	.243"	55 gr	BK	2.280"
	#1500	.243"	60 gr	HP	2.190"

Powder	Velocity >	3350	3450	3550	3650	3750	3850	3900
A 2495		36.2	37.2	38.2	39.2			
IMR 4064		36.1	37.0	38.0	38.9			
SW Match				38.7	39.9	41.1	42.2	42.8
N 140		37.0	38.1	39.2	40.3			
VARGET		36.2	37.2	38.2	39.2	40.2		
SW Precision		37.0	38.2	39.3				
748			37.7	38.8	39.9	41.1	42.2	
N 540			37.6	38.6	39.6	40.6	41.5	
SW Long Rifle		38.8	40.0	41.3				
H4350		40.5	41.6					
Energy Ft. Lbs		1495	1585	1679	1775	1873	1974	2026




Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	748	42.2	3850	1974
Hunting Load	N 540	41.5	3850	1974

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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1515	.243"	80 gr	Blitz SBT	2.295"
	#1520	.234"	85 gr	SPT	2.315"
	#1530	.243"	85 gr	HPBT	2.305"

Powder	Velocity >	3000	3050	3100	3150	3200	3250	3300
A 2495		34.0	34.7	35.3	36.0	36.6		
IMR 4064		33.5	34.2	34.8	35.5	36.1		
SW Match			34.8	35.5	36.2	36.9	37.5	38.1
N 140			35.1	35.9	36.6			
VARGET	32.6		33.4	34.1	34.8	35.5		
748			34.9	35.7	36.4	37.2	37.9	38.5
N 540	33.6		34.3	35.0	35.8	36.5	37.2	37.9
SW Long Rifle			37.2	38.1	39.0			
Energy Ft. Lbs		1668	1755	1813	1872	1932	1993	2055




Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	Varget	35.5	3200	1932
Hunting Load	N 540	37.9	3300	2055

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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#4100	.243"	90 gr	TGK	2.440" *
	#1537	.243"	95 gr	HPBT	2.470" *
	#7295	.243"	95 gr	TMK	2.470" *

* requires a 1x9" or faster twist

Powder	Velocity >	2900	2950	3000	3050	3100	3150	3200
A 2495		34.1	34.6	35.1	35.5			
IMR 4064		32.8	33.5	34.1	34.8	35.4		
SW Match			33.8	34.4	35.1	35.7		
N 140		33.7	34.5	35.3	36.0			
VARGET		33.2	33.9	34.6	35.3	36.0		
748				34.9	35.6	36.2		
SW Precision			34.3	35.1	35.8			
2000 MR			35.9	36.5	37.1	37.8	38.4	39.0
N 540			33.7	34.3	34.9	35.6	36.2	
SW Long Rifle		36.3	37.1	37.8	38.6	39.3		
IMR 4350		36.8	37.5	38.2	38.9			
H4350		35.7	36.5	37.2	37.9	38.7	39.4	
Energy Ft. Lbs		1668	1774	1835	1898	1962	2093	2160




Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	N 140	36.0	3050	1898
Hunting Load	2000 MR	39.0	3200	2160

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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1540	.243"	100 gr	SPT	2.300"
	#1560	.243"	100 gr	SBT	2.355"
	#4110	.243"	100 gr	TGK	2.530" *

* requires a 1x8" or faster twist

Powder	Velocity >	2650	2700	2800	2850	2900	2950	3000
IMR 4064		29.6	30.4	32.0	32.8			
SW Match				37.4	33.3	34.2	35.0	
VARGET			30.4	32.1	32.9			
SW Precision	29.7	30.6	32.4	33.3				
2000 MR						35.5	36.3	37.1
N 540			30.1	31.8	32.6	33.4		
IMR 4350				35.3	36.1	36.9	37.6	38.4
R 16				34.8	35.7	36.7	37.7	38.6
H4350				34.0	34.9	35.9	36.8	
Energy Ft. Lbs		1668	1732	1862	1929	1998	2067	2138

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	2000 MR	37.1	3000	2138
Hunting Load	IMR 4350	38.4	3000	2138

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6mm GT

62,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#1565	0.243	105gr	MK	2.600"*

*requires 7.5 twist

Powder	Velocity >	2700	2750	2850	2900	2950	3000	3025
H 4895		30.3	31.1	32.7	33.0			
IMR 4166		30.7	31.3	32.7	33.4	33.8		
IMR 4064		30.8	31.6	33.1	33.7			
N 140		31.0	31.9	33.5				
Varget		30.7	31.5	32.9	33.9			
SW Precision		30.9	31.9	34.0				
N 540		30.5	31.3	32.9	33.2			
SW Long Rifle			33.5	35.1				
PP 2000mr				34.1	35.0	35.9	36.8	37.2
SW Match Rifle			31.8	33.3	34.0	34.6		
IMR 4350			34.3	35.9	36.7	37.6		
H 4350			34.3	35.8	36.5	37.2	37.8	
Energy Ft. Lbs		1700	1763	1894	1961	2029	2098	2133


Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	Varget	33	2850	1894

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Bullet	Caliber	Weight	Type	C.O.A.L.
 #1570	.243"	107 gr	HPBT	2.500" *
* requires a 1x8" or faster twist				

Powder	Velocity >	2600	2700	2750	2800	2850	2900	2950
A 2495		30.0	31.5	32.2	32.9			
IMR 4064		29.6	31.0	31.7	32.4			
SW Match		30.0	31.5	32.2	33.0	33.7		
N 140		30.3	32.0	32.8				
VARGET		30.0	31.5	32.2	32.9			
SW Precision		30.1	31.7	32.5	33.3			
2000 MR					34.2	35.1	35.9	36.8
N 540			30.7	31.5	32.3	33.1	33.9	
SW Long Rifle			32.8	33.6				
IMR 4350				34.9	35.7	36.5	37.3	38.1
R 16			34.7	35.4	36.1	36.7	37.4	38.1
H4350			33.9	34.7	35.4	36.2	36.9	37.7
Energy Ft. Lbs		1606	1732	1796	1862	1929	1998	2067


Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	H4350	37.7	2950	2067

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Bullet	Caliber	Weight	Type	C.O.A.L.
 #1575	.243"	110 gr	HPBT	2.560" *
* requires a 1x7" or faster twist				

Powder	Velocity >	2550	2650	2700	2750	2800	2850	2900
AA 2495		29.9	31.5	32.3				
IMR 4064		29.7	31.2	31.9				
SW Match		30.1	31.5	32.2	32.9			
N 140		30.0	31.6					
VARGET		29.4	31.0	31.7	32.5			
SW Precision		29.9	31.4	32.1				
2000 MR					34.1	34.9	35.6	36.3
N 540			30.7	31.5	32.3			
IMR 4350			33.6	34.3	35.1	35.8	36.5	
R 16			33.9	34.8	35.6	36.4	37.3	
H4350			33.1	34.0	34.9	35.7		
Energy Ft. Lbs		1588	1715	1780	1847	1915	1984	2054

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	R 16	37.3	2850	1984

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