

# 6 GT

## Test Specifications:

Firearm Used: Universal Receiver

Barrel Length: 24"

Twist: 1x8"

## Components:

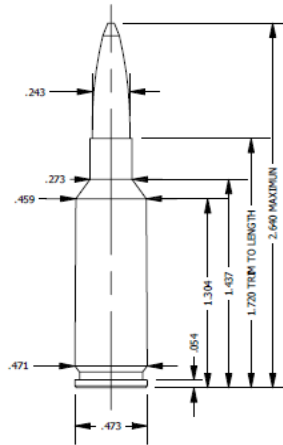
Case: Alpha

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

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# 6mm GT

# 62,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#1502	0.243"	55gr.	TVK	2.280"
#1500	0.243"	60gr.	VK	2.190"

Powder	Velocity >	3300	3350	3400	3500	3550	3600	3650
A 2495		35.7	36.2	36.7	37.7	38.2	38.7	39.0
IMR 4064		35.6	36.1	36.6	37.5	38.0	38.4	39.0
SW Match					38.2	38.7	39.3	39.9
N 140		36.4	37.0	37.5	38.6	39.2	39.7	40.0
SW Precision		36.4	37.0	37.6	38.7	39.3	40.0	
Varget			36.2	36.7	37.7	38.2	38.7	39.2
W 748				37.1	38.3	38.8	39.4	39.9
N 540				37.2	38.1	38.6	39.1	39.6
SW Long Rifle		38.2	38.8	39.4	40.6	41.2		
H 4350		39.9	40.5	41.0	41.4			
Energy Ft. Lbs		1451	1495	1540	1632	1679	1726	1775

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	Varget	38.5	3578	1705
Hunting Load	W 748	39.2	3583	1710

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Bullet	Caliber	Weight	Type	C.O.A.L.
#1505	0.243"	70gr.	MK	2.232"
#1507	0.243"	70gr.	TVK	2.252"
#1510	0.243"	75gr.	VK	2.270"

Powder	Velocity >	3175	3250	3300	3350	3400	3450	3500
A 2495		35.3	36.2	36.7	37.3	37.5		
IMR 4064		34.9	35.8	36.4	37.0	37.6	38.1	
SW Precision			36.2	37.0	37.8	38.5	38.9	
Varget		34.8	35.8	36.5	37.1	37.8	38.7	
W 748		35.4	36.5	37.2	37.9	38.6	39.3	40.1
N 540		35.0	36.0	36.6	37.2	37.8	38.5	39.1
SW Long Rifle		37.7	39.1	40.1	41.0			
H 4350		36.8	37.9	38.7	39.4	40.2	40.9	
Energy Ft. Lbs		1567	1642	1693	1744	1797	1850	1904

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	N 540	36.5	3267	1659
Hunting Load	SW Precision	38.0	3351	1745

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Bullet	Caliber	Weight	Type	C.O.A.L.
#1515	0.243"	80gr.	VK	2.295"
#1520	0.243"	85gr.	VK	2.315"
#1530	0.243"	85gr.	GK	2.305"

Powder	Velocity >	2950	3000	3050	3100	3150	3200	3300
A 2495		33.4	34.0	34.7	35.3	36.0	36.6	
IMR 4064		32.8	33.5	34.2	34.8	35.5	36.2	
SW Match				34.2	35.5	36.2	36.9	38.0
N 140				35.1	35.9	36.9		
Varget		31.9	32.6	33.4	34.1	34.8	35.8	
W 748		33.4	34.2	34.9	35.7	36.4	37.2	38.3
N 540		32.9	33.6	34.3	35.0	35.8	36.5	37.9
SW Long Rifle		35.3	36.2	37.2	38.1	39.0	39.6	
Energy Ft. Lbs		1642	1699	1756	1814	1873	1933	2055

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	N 140	36.5	3142	1863
Hunting Load	N 540	37.0	3236	1976

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**6mm GT****62,000 PSI**

Bullet	Caliber	Weight	Type	C.O.A.L.
#4100	0.243"	95gr.	TGK	2.440" *
#1537	0.243"	95gr.	MK-CN	2.470" *
#7295	0.243"	95gr.	TMK	2.470" *

Powder	Velocity >	2900	2950	3000	3050	3100	3150	3200
A 2495		34.1	34.6	35.1	35.6			
IMR 4064		32.8	33.5	34.1	34.8	35.2		
SW Match				34.4	35.1	35.7	36.0	
N 140		33.7	34.5	35.3	36.2			
SW Precision			34.3	35.1	35.8	36.2		
Varget		33.2	33.9	34.6	35.3	36.1		
W 748					35.6	36.2	36.6	
N 540				34.3	34.9	35.5	36.2	
PP 2000mr				36.5	37.1	37.7	38.4	39.0
SW Long Rifle		36.3	37.1	37.8	38.6	39.0		
IMR 4350		36.7	37.5	38.2	38.9			
H 4350			36.5	37.2	37.9	38.7	39.4	39.7
Energy Ft. Lbs		1774	1836	1898	1962	2027	2093	2160

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	SW Precision	35.9	3044	1954
Hunting Load	H 4350	39.4	3148	2090

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Bullet	Caliber	Weight	Type	C.O.A.L.
#1540	0.243"	100gr.	GK	2.300"
#1560	0.243"	100gr.	GK	2.355"
#4110	0.243"	100gr.	TGK	2.530"

Powder	Velocity >	2700	2750	2800	2850	2900	2950	3000
IMR 4064	30.4	31.2	32.0	32.9				
SW Match Rifle			32.4	33.3	34.2	34.8		
Varget		31.3	32.1	33.0				
SW Precision	30.6	31.5	32.4	33.1				
PP 2000mr				34.7	35.5	36.3	37.2	
N 540	30.1	31.0	31.8	32.6	33.4	33.9		
IMR 4350		34.6	35.3	36.1	36.9	37.6	38.5	
R-16			34.8	35.7	36.7	37.7	38.7	
H 4350		33.1	34.0	34.9	35.9	36.8	37.4	
Energy Ft. Lbs								

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	N 540	32.5	2840	
Hunting Load	SW Match	34.5	2912	

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

\*requires 7.5 twist or faster

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	0.243"	107gr.	MK-CN	2.500" *
#7407	0.243"	107gr.	TMK	2.500" **

\* Requires an 8 Twist

\*\* Requires an 7.5 Twist

Powder	Velocity >	2700	2750	2800	2850	2900	2950	3000
A 2495		31.5	32.2	32.7				
IMR 4064		31.0	31.7	32.4				
SW Match Rifle		31.5	32.2	33.0	33.9			
N 140		32.0	32.9					
SW Precision		31.7	32.5	33.3				
Varget		31.5	32.2	32.9	33.3			
N 540		30.7	31.5	32.3	32.3	34.0		
PP 2000mr				34.2	35.1	35.9	36.9	
SW Long Rifle		32.8	33.9					
R-16		34.7	35.4	36.1	36.7	37.4	38.2	
IMR 4350		34.1	34.9	35.7	36.5	37.3	38.1	38.6
H 4350		33.9	34.7	35.4	36.2	36.9	37.7	
Energy Ft. Lbs		1732	1797	1863	1930	1998	2067	2138

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	N 540	32	2782	1839

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Bullet	Caliber	Weight	Type	C.O.A.L.
#1575	0.243"	110gr.	MK-CN	2.560"*

\* Requires an 7 Twist

Powder	Velocity >	2600	2650	2725	2800	2850	2875	2915
A 2495		30.7	31.5	32.5				
IMR 4064		30.4	31.2	31.9				
SW Match		30.8	31.5	32.7				
N 140		30.8	31.6					
SW Precision		30.6	31.4	32.1				
Varget		30.2	31.0	32.4				
N 540			30.7	31.9	32.6			
PP 2000mr				33.7	34.9	35.6	36.0	36.6
IMR 4350	32.9	33.6	34.7	35.8	36.5			
R-16			35.2	36.4	37.3	37.6		
H 4350	32.2	33.1	34.4	35.8				
Energy Ft. Lbs		1651	1715	1814	1915	1984	2019	2075

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	H 4350	35.5	2786	1896

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Bullet	Caliber	Weight	Type	C.O.A.L.
#7216	0.243"	116gr.	TMK	2.600"*

\*Requires an 7.5" Twist

Powder	Velocity >	2525	2575	2625	2675	2725	2775	2825
IMR 4064		29.5	30.2	30.9	31.6	32.1		
SW Match Rifle			30.3	31.1	32.0	32.8	33.3	
N 140		29.7	30.5	31.4	32.1			
SW Precision		30.2	31.0	32.7	33.0			
Varget		28.9	29.6	30.4	31.1	31.9		
W 748					32.4	33.2	33.6	
N 150		29.0	29.9	30.8	31.4			
IMR 4350				33.8	34.6	35.3	36.0	36.9
H 4350			32.4	33.2	34.0	34.9	35.7	36.5
SW 4350			34.6	35.4	36.2	37.0	38.0	
Energy Ft. Lbs		1642	1708	1775	1843	1912	1983	2055

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	H 4350	36	2786	1999
Hunting Load	IMR 4350	36.6	2815	2041

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