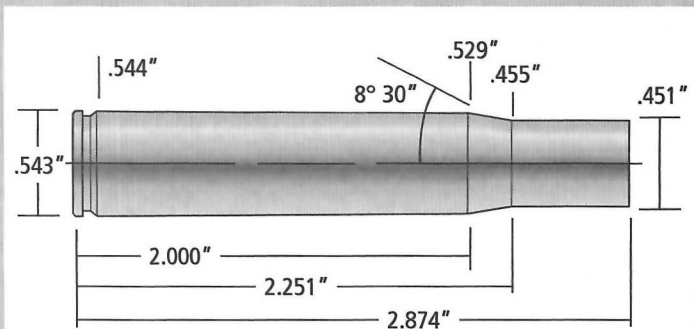


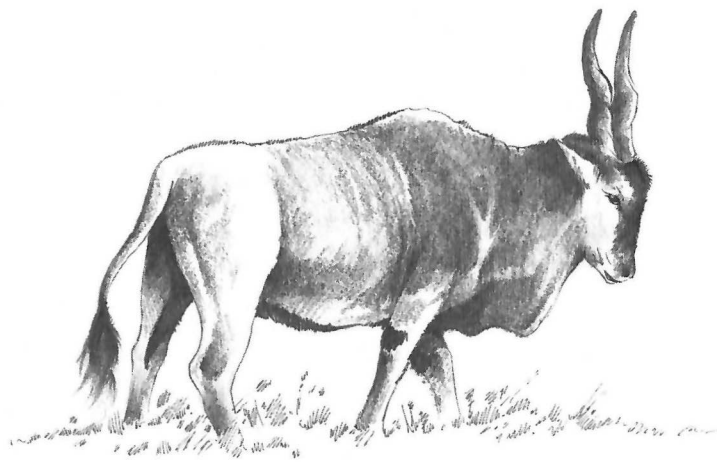
404 Jeffrey



Origin	England
Ammunition Available	1909
Bullet Diameter	0.423"
Maximum Cartridge O.A.L.	3.530"
Maximum Case Length	2.874"
Trim Length	2.864"

About the Cartridge

This round was introduced by W.J. Jeffery & Co., in 1909. The company is still in business and is advertised as "Britain's longest-established gunmaker." The 404 cartridge, also known as the 404 Jeffery Rimless, 404 Rimless Nitro Express, and 10.75x73mm is designed for bolt action rifles. Taking a .423-inch bullet fired from a case of 113 grains water capacity, the cartridge is formidable in the game fields of Africa. A 400-grain bullet at 2,125 feet-per-second turns up more than two tons of muzzle energy, plenty for taking any game on earth.

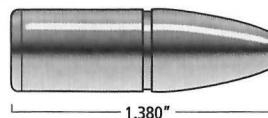


Bullet Specifications

A-Frame™ Semi-Spitzer (.423" diameter)

Grain Weight

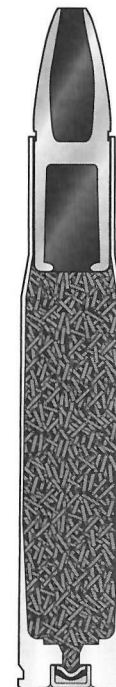
400



B.C. .375
Sec. Den. .319

Loaded Cartridge Example

A-Frame™
(400 grain)



3.530"
O.A.L.

Reloading Data

400 Grain A-Frame™



Bullet		Powder	Starting Load		Maximum Load		
Type	Grain Wt.	Type	Grain Wt.	Velocity	Grain Wt.	Velocity	Load Density
Hodgdon Powder Company							
Swift A-Frame	400	H-414	79.0	2248	85.0	2291	96%
	400	Hybrid 100V	73.5	2147	79.5	2228	90%
	400	Superformance	89.7	2332	96.5	2428	110%
Alliant Powder Company							
Swift A-Frame	400	RL-15	71.1	2142	76.5	2234	87%
	400	RL-17	73.4	2095	79.0	2259	90%
	400	RL-2000MR	73.9	2178	79.5	2300	90%
IMR Powder Company							
Swift A-Frame	400	IMR-4007SSC	74.4	2032	80.0	2243	91%
	400	*IMR-4831	79.0	2043	85.0	2242	96%
	400	IMR-7828	85.5	2071	92.0	2197	104%
Vihtavuori Powder Company							
Swift A-Frame	400	*N-160	81.8	2157	88.0	2287	100%
	400	N-560	83.7	2042	90.0	2222	102%
Norma Powder Company							
Swift A-Frame	400	204	78.1	2087	84.0	2243	95%
	400	MRP	86.0	2106	92.5	2246	105%

*Lowest Standard Deviation on Velocity

☐ Indicates maximum load—never exceed maximum load!
Loads less than minimum charges shown are not recommended

404 Jeffrey

400 Grain A-Frame™

Test Components

Case
Primer
Test Barrel

Norma
Federal 215
Wiseman

Barrel Length 24"
Barrel Twist 1-14"

Optimum Hunting Ballistics

200 yard zero

Sectional Density: 0.319 Ballistic Coefficient: 0.375

Distance in Yards	Muzz.	100	150	200	250	300	350	400	500
Velocity	2200	1990	1890	1793	1700	1611	1526	1445	1301
Energy	4300	3519	3174	2857	2567	2305	2068	1856	1503
Bullet Path	-1.5	+3.7	+3.0	zero	-5.7	-14.5	-26.6	-42.5	-87.1
Deflection @ 10 MPH	--	1.2	2.8	5.2	8.3	12.3	17.1	22.9	37.4
Velocity	2250	2037	1936	1837	1742	1651	1564	1482	1332
Energy	4498	3688	3329	2999	2697	2422	2174	1950	1576
Bullet Path	-1.5	+3.5	+2.9	zero	-5.5	-13.8	-25.3	-40.4	-82.9
Deflection @ 10 MPH	--	1.2	2.8	5.0	8.0	11.9	16.6	22.2	36.3
Velocity	2300	2085	1982	1882	1785	1692	1603	1519	1364
Energy	4700	3861	3489	3146	2831	2544	2284	2049	1653
Bullet Path	-1.5	+3.3	+2.7	zero	-5.2	-13.1	-24.1	-38.4	-78.9
Deflection @ 10 MPH	--	1.2	2.7	4.9	7.8	11.5	16.1	21.5	35.3
Velocity	2350	2132	2028	1926	1828	1734	1643	1556	1397
Energy	4906	4039	3653	3297	2969	2670	2398	2151	1734
Bullet Path	-1.5	+3.1	+2.6	zero	-4.9	-12.5	-22.9	-36.6	-75.1
Deflection @ 10 MPH	--	1.1	2.6	4.7	7.5	11.1	15.6	20.8	34.2
Velocity	2400	2180	2074	1971	1871	1775	1683	1594	1431
Energy	5117	4220	3821	3451	3111	2800	2515	2258	1818
Bullet Path	-1.5	+2.9	+2.5	zero	-4.7	-11.9	-21.9	-34.9	-71.6
Deflection @ 10 MPH	--	1.1	2.5	4.6	7.3	10.8	15.1	20.2	33.2