

## Rifle Load Results

### Load From A Disk v5.0

Date: 6/16/13

Cartridge Type:

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Bullet Type = .411 350-GR X FB BARNES	Bullet Weight = 350.0 grains
Bullet Diameter = 0.411 in	Bullet Length = 1.480 in
Bullet BC = 0.536	Sectional Density = 0.296
Case Type = 10.3x64	Case Length = 2.500 in
Full Case Capacity = 86.1 grains water	Est. Overall Cartridge Length = 3.340 in
Net Case Capacity = 64.669 grains water	Bullet Seating Depth = 0.640 in
Rifle Type = tester	Barrel Length = 23.5 in
Effective Barrel Length = 21.64 in	Barrel/Case Volume Ratio = 12.0
Cartridge Temperature = 70.0 °F	

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Powder: BENCHMARK  
Calculated Powder Charge = 55.6 grains  
Load Density = 86.0%  
Charge/Bullet Weight Ratio = 0.159  
Estimated Muzzle Velocity = 2071 ft/sec  
Estimated Chamber Pressure = 43971 CUP

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WARNING: For starting loads reduce calculated powder charge by at least 10%.

#### Load Table

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Load Density (%)	Charge Weight (grains)	Charge-to-Bullet Wt. Ratio	Muzzle Velocity (ft/sec)	Chamber Pressure (CUP)	Note
75	48.5	0.139	1806	32741	OK
80	51.7	0.148	1926	37802	OK
85	55.0	0.157	2048	43022	OK
90	58.2	0.166	2168	48083	OK
95	61.4	0.175	2287	53145	High Pressure
100	64.7	0.185	2410	58364	High Pressure