



Product Data Sheet
300 AAC Blackout 120gr OTM

Date prepared/revised.....06/04/2014

Component & Manufacturing Information

Caliber..... 300 AAC Blackout
Case..... Brass
Bullet Weight..... 120-grain
Bullet Construction..... Open Tip Match Flat Base
Primer..... Small Rifle, Boxer Type
Primer Sealant..... As Applicable
Casemouth Sealant..... As Applicable
Case Cosmetics..... Mouth anneal color line visible
Headstamp..... Loaded cartridges are headstamped with the following info: "Barnes" and "300 BLK"
Primer Staking..... Circumferential
Propellant Detection..... 100% mechanical, electrical, or electro-mechanical detection of propellant level within the cartridge.
Lot Identification..... Each box of ammunition is identified with a unique code which allows traceability to shift/day/month/year of packaging and/or loading and all in-process assembly and test results.
Final Inspection..... 100% visual and/or vision system inspection of finished cartridges prior to final packaging.
Packaging..... Box quantity 20 cartridges
Case quantity 200 cartridges



Ballistic & Performance Information

Avg. Instrumental..... 2,200 ± 35 ft/s [670.5 ± 10.7 m/s] (measured at 15' [4.572 m], over 20' [6.096 m] for a 10-round test
Velocity
when fired from a SAAMI-compliant test barrel. (16" [40.6 cm] in length).
2,200 ± 35 ft/s [670.5 ± 10.7 m/s] (measured at 15' [4.572 m], over 20' [6.096 m] for a 10-round test
when fired from a (16" [40.6 cm] in length) upper.
2080 ± 35 ft/s [634.0 ± 10.7 m/s] (measured at 15' [4.572 m], over 20' [6.096 m] for a 10-round test
when fired from a (11" [27.9 cm] in length) upper.
2,000 ± 35 ft/s [609.6 ± 10.7 m/s] (measured at 15' [4.572 m], over 20' [6.096 m] for a 10-round test
when fired from a (9" [22.8 cm] in length) upper.
Average Pressure..... 55,000 psi [3,792 bars] maximum average for a 10-round test measured at the time of manufacture with a conformal piezoelectric transducer in a SAAMI- compliant test barrel.
Avg. Muzzle Energy..... 1,292 ft-lb [1749.0 J] (2,200 ft/s [670.5 m/s] -16" [40.6 cm] test barrel)
Ballistic Coefficient..... 0.297 (G1)
Accuracy..... Average extreme spread of three 5-round groups less than 1.5" [3.8 cm] at 100 yards [91.4 m] fired from (16" [40.6 cm] in length ) Accuracy barrels mounted in a RTB rest.