

COMPETITION SERIES

Premium-Quality Accurized Precision Rifles, Hand-Built for Discriminating Customers, One Rifle at a Time

Additional Information about the Cabela's Exclusive Model CBA-16H Colt Competition Rifle

CBA-16H General Information

The Cabela's **CBA-16H** is a 4150-HBAR-barreled Special Run Carbine from our hand-built Colt Competition rifle line. It is built in limited quantities exclusively for **CaBeIA's** and no one else, hence the "**CBA**" model designation. HBAR is the industry-designation for a "Heavy Barrel, which indicates a minimum barrel diameter of 0.750" from one end to the other, without the accuracy-robbing "M4" reduced diameter portions common in typical M4-style / military-style carbines.

The CBA-16H "light carbine" has the same HBAR-contour barrel (hence the "**H**" suffix) and Nickel/Teflon-plated 6 lb Colt target trigger assembly as our 2016 CRX-16 Colt Competition Carbine. The chamber is a precision-cut 5.56x45mm NATO chamber. Buffer tube, receiver hammer pin and trigger pin, etc. are all of the "mil-spec" variety.

Sub-MOA accuracy (under 1" at 100 yards for a three-shot group) with good ammunition and good optics is guaranteed by the factory test-fire target, which is included with the **CBA-16H**, as it is with all of the Colt Competition Rifles we build.

A Model **1401** Colt Competition Cantilever Scope Mount (MSRP \$110.00) for 1" tube-diameter scopes is packaged with each **CBA-16H**. If you want to use a 30mm tube-diameter scope, you may return the unused # 1401 to us at PO Box 1557 (or 820 Industrial loop), Breckenridge, TX 76424 USA. We will replace it with a Model **1430 30mm** Colt Competition Cantilever Scope Mount at no charge.

CBA-16H Suitable Ammunition Information

There are at least eight (8) different 5.56 and .223 chambers being used out there, but some ammo doesn't shoot as well as other ammo does regardless of the quality of the chamber and barrel. However, all Colt Competition Series rifles, including the **CBA-16H**, can safely fire both SAAMI-spec .223 Remington and 5.56x45mm NATO-spec ammo.

Most of our standard-production 4140 and 4150 chrome-moly-barreled Colt Competition-Series carbines such as the **CBA-16H**, CRZ-16, CRX-14.5, CRX-14.5RR, CRX-16, CRX-16RR, CRX-16E, etc. have the 5.56x45mm NATO chamber (stamped on the barrel just aft of the muzzle brake on all models), and so are designed from the get-go to handle NATO-spec 5.56 ammo very well. This is also true of our chrome-moly-barreled CSR-1516 Colt Sporting Series carbines from 2013.

All of our premium stainless-steel-barreled Colt Competition-Series rifles and carbines, such as the CRE-16, CRE-16T, CRE-16GT, CRP-16, CRE-18, CRE-18T, CRE-18RR, CRE-18GT, CRP-18, CRP-18LV, CRP-18TG, CRP-20, CRP-20L, CRP-20V, CRP-20VR, CRP-20SS, etc., have the .223 Remington "Wylde" chamber variant, and so again handle NATO-spec 5.56 very well.

With the special rifling and 1 in 8" rifling twist in all of our .223/5.56 barrels, all of these including the **CBA-16H** shoot well with 55 gr - 75 gr bullets. The 68 gr Hornady and 69 gr Sierra Match King usually shoot extraordinarily well. Every rifle is a bit different, but we have had good luck with Federal 5.56 mil-spec ammo offerings, and PMC 5.56 ammo too.

Thus, you can safely shoot (1) .223 Remington SAAMI-spec ammo, (2) .223 Remington CIP-spec ammo (European), and (3) 5.56x45mm **NATO-spec** ammo, in any of our Colt Competition variants, including the **CBA-16H**. **Note that "NATO-Spec" means just that: NATO-spec.** Much of the cheap crap-ammo coming in from some former Com-Bloc countries with boxes marked 5.56 do not comply with any NATO-spec or SAAMI-spec and in our opinion should not be used.

All that being said, virtually all .223 chambered, or .223 "Wylde" chambered, or 5.56x45mm NATO chambered rifles and carbines will shoot tighter groups with good quality .223 ammo than with any 5.56x45mm NATO ammo, regardless of the chamber dimensions. Remember that 5.56x45mm NATO ammunition was designed to reliably hit 18" wide human bad guys at 300 meters. Best quality .223 ammunition is designed to hit 2" wide prairie dogs at 300 meters.

Bold Ideas Texas, PO Box 1557, Breckenridge, Texas 76424

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Generally, .223 ammo is held to far tighter tolerances, especially accuracy-targeted premium brands such as Hornady or Nosler, than "mil-spec" 5.56x45mm NATO spec ammo. Hornady 55 gr, 68 gr and 75 gr shoot particularly well in most of our rifles, as do the Sierra 52 gr and 69-gr SMK HPBTs, and the Nosler 69-gr HPBT too. For reloading, the 52 gr Hornady Match HPs, the 68 gr Hornady Match HPs, and the 69 gr Sierra Match King HPs all work well and shoot teensie groups in the **CBA-16H**.

CBA-16H Picatinny Rails

You can get extra rails for your Cabela's **CBA-16H** handguard on our accessory website. The rails for the **CBA-16H** are part #s DI-1502306 (11 slot) and DI-1502309 (5-slot) rails, either of which will fit the **CBA-16H** Handguard. To order, go to:

<http://www.coltaccessories-ccr-csr.com/rails-intro.html>

CBA-16H Barrel Break-In

Here is a simple and appropriate barrel break-in procedure we like:

1. Shoot one round, then clean, for the first ten rounds;
2. Shoot three rounds, then clean, for next thirty rounds;
3. Shoot five rounds, then clean, while working up loads.
4. Allow the barrel to cool to the touch before testing a new load to avoid unnecessary throat erosion.

CBA-16H Barrel Cleaning

Bronze bushes of correct diameter are fine, nylon brushes are better but with some powder-fouling and copper deposits from softer jacketed bullets the bronze brushes might be necessary.

Don't use a stainless-steel bore-brush.

Clean from the breech, using an AR-15 bore guide: \$29.99 at your Cabela's store, or at:

http://www.amazon.com/Wheeler-156-213-Delta-Series-AR-15/dp/B0081IPB3Y/ref=sr_1_1?ie=UTF8&qid=1420222851&sr=8-1&keywords=ar15+bore+guide

Use a Dewey or similar plastic-coated ball-bearing-handle cleaning rod. A long one (36" or 44") is best because of the long breech section of the upper receiver, and then you can use it for cleaning 26" barreled bolt-guns in .223 or 243 also. \$39.95 at your Cabela's store, or at:

http://www.amazon.com/Dewey-Rods-22C-44-Nylon-Coated/dp/B0028M4CG6/ref=sr_1_11?ie=UTF8&qid=1420223474&sr=8-11&keywords=dewey+cleaning+rods

Brush with solvent from breech to muzzle with a brush wet with solvent. Let stand for 5 minutes. Repeat. Let stand for 5 minutes. Wipe with 3 or 4 solvent saturated patches, then with dry patches until the patches are clean. Repeat the whole process until the patches are clean. Remember that some ammo is extremely "dirty" and leaves behind a lot of crap and crud.

Suitable Handguard Grips for the CBA-16H Float-Tube Handguard

Not everyone is familiar with free-floated barrels on AR rifles, so we always throw in the following info. It is never a good idea to use a vertical fore-grip on any AR rifle that has a **fully-free-floated barrel**, like the **CBA-16H**. An abrupt impact against the vertical fore-grip, like running it into a car door or a fence, can exert undue leverage and upward pressure on the handguard, which is transmitted of course to the upper receiver assembly. It has been reported that this has occasionally fractured the upper receiver, an expensive part to replace.

If you feel that you need a grip of some sort on the bottom of the **CBA-16H** Float-Tube Handguard, then the Magpul AFG #Mag 411 and AFG-2 #Mag 414 angled grips work well, and do not exert undue leverage on the Float-Tube.

<https://www.magpul.com/products/grips>

The **CBA-16H** factory Data Sheet and other info is attached. Page 11 of the attached catalog has good information on the Colt Competition Cantilever Scope Mount.

Thanks. Customer Service at Colt Competition Rifles, a Division of Bold Ideas Texas. Our Office number is 254-559-2870.

Bold Ideas Texas, PO Box 1557, Breckenridge, Texas 76424