



KEL-TEC RFB CARBINE

Although bullpup rifles have many positive attributes, most are, by the nature of the design, poorly suited for ambidextrous use. Their actions, located in the buttstock area, usually necessitate ejection of fired brass near the shooter's face. Kel-Tec, a company known for innovative designs, recently developed a unique solution to this issue with its RFB, which stands for Rifle Forward ejection Bullpup.

The short-stroke gas-piston-operated .308 Win. RFB is part of an exclusive group of forward-ejection bullpups, which include the FN F2000 and the Kalashnikov-based A-91. What sets the RFB apart, however, is its completely ambidextrous nature and its .308 Win. chambering

We received an RFB Carbine variant for testing, which features a scant overall length of 27½" and an empty weight of 8 lbs., 9 ozs. Simply put, this is an astoundingly compact .308 Win. rifle.

The RFB features a full set of ambidextrous controls, from dual safety levers located above its pistol grip to the dual action release levers on the rear sides of its magazine well, to the paddle-style magazine release at the rear of the well. Also, the RFB's reciprocating charging handle can be easily reversed for right- or left-handed use.

Despite its short overall length, the RFB Carbine features an 18" barrel of Parkerized 4140 chrome molybdenum steel. It is chrome-lined for durability and topped off

with an A2-style compensator set on 5/8"-24 TPI threads at the muzzle.

The RFB makes extensive use of polymers in its construction. The most prominent example is the "grip," a two-piece assembly that includes the pistol grip and spans back to the magazine well. Forward of that is the two-piece handguard assembly that features a Schnabel-type protrusion at its front to help keep the support hand from slipping in front of the muzzle.

The cheekweld portion of the rifle, termed the "top cover," is manufactured from 4130 sheet steel. The Parkerized top cover measures 13¼" in length and covers the RFB's large, 14¼"-long bolt carrier assembly. Attached to the rear portion of the top cover is the polymer buttstock assembly, which features a 1/2"-thick recoil pad and a short strip of Picatinny rail on its toe. A 9¼"-long strip of aluminum Picatinny rail is mounted on the forward portion of the top cover.

Kel-Tec designed the RFB to accept the affordable and readily available FAL magazine. In addition, the RFB also features a tilting



In a matter of minutes, the Kel-Tec RFB can be broken down into its primary components. The polymer receiver shroud is hinged just above the pistol grip to allow clearance for disassembly.

SHOOTING RESULTS (100 YDS.)

.308 Win. CARTRIDGE	VEL. @ 15' (F.P.S.)	ENERGY (FT.-LBS.)	GROUP SIZE IN INCHES		
			SMALLEST	LARGEST	AVERAGE
BLACK HILLS 175-GR. MATCH HP	2445 Avg. 17 SD	2,324	1.71	2.41	2.03
FEDERAL 165-GR. SIERRA GAMEKING BTSP P308C	2584 Avg. 10 SD	2,447	0.93	1.87	1.46
REMINGTON UMC 150-GR. MC L308W4	2634 Avg. 22 SD	2,311	1.86	2.76	2.44

AVERAGE EXTREME SPREAD

1.98

MEASURED AVERAGE VELOCITY FOR 10 ROUNDS FROM AN 18" BARREL. RANGE TEMPERATURE: 84° F. HUMIDITY: 73%. ACCURACY FOR FIVE CONSECUTIVE, FIVE-SHOT GROUPS AT 100 YDS. FROM A SANDBAG. ABBREVIATIONS: HP (HOLLOW POINT), BTSP (BOAT TAIL SOFT POINT), MC (METAL CASE), SD (STANDARD DEVIATION).



There is a locking lug at the rear of the RFB's tilting bolt (right). The bolt also has dual camming extractors that tilt spent cases upward into alignment with the forward ejection chute (below, r.).

bolt locking system quite reminiscent of the FAL's.

The RFB's 4140 steel bolt has a lug on its rear. As the bolt tilts down into battery, the lug locks into a recess in the Parkerized 4140 steel receiver, which is housed inside the buttstock area of the rifle.

Dual camming extractors on the bolt tilt the fired case upward at a 12- to 15-degree angle as it moves rearward. On the forward stroke of the bolt, the case is pushed up onto a ramp, bringing it into alignment with the ejection chute located above the barrel. The bolt's forward momentum propels the case into and often directly through the chute. The chute mates to an ejection port located on the left front face of the gas block in the forward portion of the handguard.

The RFB's short-stroke gas-piston assembly is just to the right of the ejection port on the gas block, and includes a removable 4140 steel gas piston and a grooved, round adjustment dial. The system is

plated to resist corrosion and with its 32 settings is finely adjustable. As gas is tapped off the bore, the piston moves rearward, striking the forward face of the long bolt carrier assembly and thus cycling the action.

We fitted the RFB with an Aim-point CompM4s and 3X Magnifier and shot it with a selection of .308 Win. ammunition. Perceived recoil was reasonably mild and accuracy proved to be quite good.

There were no malfunctions during the testing. Because spent cases were simply inserted into the rear of the chute, they were ejected erratically. Sometimes one shot resulted in one ejected fired case, then no cases were ejected for a few shots, and then three or four were ejected at one time as the chute filled. This had no effect on functioning.

The steel top cover became hot after prolonged shooting, and a tight cheekweld resulted in sore faces after extended shooting sessions. Another point

KEL-TEC RFB CARBINE

MANUFACTURER: KEL-TEC CNC INDUSTRIES, INC. (DEPT. AR), P. O. BOX 236009, COCOA, FL 32923; (321) 631-0068; WWW.KEL-TEC-CNC.COM

CALIBER: 7.62x51 MM (.308 WIN.)

ACTION TYPE: GAS-OPERATED, SEMI-AUTOMATIC CENTER-FIRE RIFLE

RECEIVER: 4140 STEEL, PARKERIZED

BARREL: 18", 4140 STEEL, PARKERIZED

RIFLING: SIX-GROOVE, 1:11.25" RH TWIST

MAGAZINE: FAL DETACHABLE BOX

SIGHTS: NO IRON SIGHTS, PICATINNY RAIL

TRIGGER PULL: SINGLE-STAGE, 7 LBS., 8 OZS.

STOCK: LENGTH OF PULL, 14½"; DROP AT

HEEL, 1¾"; DROP AT COMB, 1¾"

OVERALL LENGTH: 27½"

WEIGHT: 8 LBS., 9 OZS.

ACCESSORIES: TRIGGER LOCK,

NYLON SLING, OWNER'S MANUAL

SUGGESTED RETAIL PRICE: \$1,880



of note is that the only way to check the condition of the RFB's chamber is to remove the magazine, retract the action and look up into the open magazine well. A loaded-chamber indicator would be a welcome addition.

As with most Kel-Tecs, the RFB stands apart from its competitors. It is a compact, handy and powerful .308 Win. bullpup carbine that can be easily employed by both left- and right-handed users. 

CHARLES DALY DEFENSE SP PUMP TACTICAL

Charles Daly Defense, a division of the Charles Daly company, has been making a name for itself through its line of high-quality, U.S.-made CDD-15 AR-style rifles. However, the newest addition to the Charles Daly Defense line of firearms, the Special Purpose (SP) Shotgun series, hews more closely to the traditional roots of the division's parent company, which itself has a long tradition of importing high-quality, often reasonably priced firearms.

The SP Tactical line, manufactured by Akkar Silah Sanayi in Istanbul, Turkey, consists of a semi-automatic and several slide-action 12-ga. variants. The model received for testing was the SP Pump Tactical, a 3", 12-ga. slide-action shotgun. The shotgun holds either five 2¾"-length shells or four 3" shells in its tube and weighs in at a feathery 6 lbs., 7 ozs.

Mechanically, the SP Pump Tactical features a stressed-steel tilting block housed in the bolt carrier that locks up into a recess in the barrel extension. Because the bolt locks directly into the steel barrel, the shotgun can employ a

lightweight 6061 aluminum alloy receiver hard-anodized in a matte-black finish.

The chrome molybdenum steel barrel of the SP Pump Tactical is 18½" long and features an attractive black-chrome finish on its exterior. The bore is chrome-lined and the muzzle is threaded to accept RemChoke-type interchangeable choke tubes. The barrel features a slim exterior contour that helps keep the gun's overall weight to a minimum.

As is to be expected with a slide-action shotgun, the controls are simple and straightforward. A crossbolt safety button is located at the rear of the plastic trigger guard and has a red annular groove on its left side that is exposed when the SP Pump Tactical is taken off "safe." A large action-release button is

in the forward left portion of the trigger guard.

The shotgun is quite business-like in appearance, with a full host of enhanced features. The stock set of the SP Pump Tactical is one of the most visibly apparent of these enhancements, with the buttstock featuring an integral vertical pistol grip with molded-in horizontal ribbing. The body of the stock features an integral ambidextrous sling attachment point and a 3/4"-thick recoil pad.

Complementing the rear sling attachment point of the SP Pump Tactical is an included front sling attachment plate that fits around the magazine tube forward of the barrel ring. Held in place by the magazine tube cap, the plate is reversible for left- or right-handed use. Also included is a spare ring without a sling attachment slot.

The SP Pump Tactical's bolt rides on dual-action bars connected to the sliding fore-end. A tilting locking block riding in the bolt carrier seats directly into a recess in the barrel extension.

CHARLES DALY DEFENSE SP

MANUFACTURER: AKKAR SILAH SANAYI VE TIC. LTD, MERKEZ MAH. GUL SOK. 34956 ORHANLI - TUZLA/ ISTANBUL, TURKEY; +90 216 - 394 43 64; WWW.AKKAR.COM.TR

IMPORTER: CHARLES DALY DEFENSE (DEPT. AR), P.O. BOX 6625, HARRISBURG, PA 17112-0625; (866) 325-9486; WWW.CHARLESDALYDEFENSE.COM

GAUGE: 12, 3"

ACTION TYPE: SLIDE-ACTION REPEATING SHOTGUN

RECEIVER: HARD-ANODIZED 6061 ALUMINUM ALLOY

BARREL: 18½", CHROME MOLYBDENUM STEEL WITH A CHROME-LINED BORE AND BLACK-CHROME FINISH

CHOKE: INTERCHANGEABLE; BREACHING/STAND-OFF EXTENSION INCLUDED

SIGHTS: GHOST RING ADJUSTABLE REAR SIGHT WITH RED FIBER-OPTIC FRONT SIGHT, PICATINNY RAIL

CAPACITY: 2¾", FIVE; 3", FOUR

TRIGGER PULL: SINGLE-STAGE; 9 LBS., 4 OZS.

STOCK: BLACK SYNTHETIC;

LENGTH OF PULL, 14¼";

DROP AT HEEL, 2½"; DROP AT COMB, 1¾"

OVERALL LENGTH: 40¼"

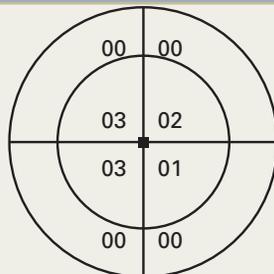
WEIGHT: 6 LBS., 7 OZS.

ACCESSORIES: INSTRUCTION MANUAL, MAGAZINE LIMITER PLUG

SUGGESTED RETAIL PRICE: \$409

SHOOTING RESULTS (25 YDS.)

AVERAGE OF 10 PATTERNS



IMPROVED TUBE

■ = POINT OF HOLD
FEDERAL PREMIUM VITAL-SHOK
No. PFC154
12 GAUGE, 2¾", 00 BUCKSHOT
9 PELLETS

TOTAL HITS	9 (100%)
21" INNER CIRCLE	9 (100%)
30" OUTER RING	0 (0%)



The SP Pump Tactical from Charles Daly Defense is an enhanced tactical-style shotgun with a price comparable to many entry-level shotguns. The gun pictured here is equipped with an Aimpoint Micro T-1 red-dot sight.



The fore-end extends to the forward portion of the receiver when the action is closed, providing shooters with the ability to grasp it much farther back than with other pump guns.

An appealing addition to the SP Pump Tactical is its sights, which are made up of a ghost ring rear unit and a heavy-duty winged front sight post with a red fiber-optic insert for increased visibility. The aluminum ghost ring rear sight assembly features sturdy protective wings, and the sight itself is fully adjustable for windage and elevation.

Further adding to the flexibility of the SP Pump Tactical is a 4½" aluminum Picatinny rail forward of the ghost ring sight assembly. The central portion of the rail features a

recessed sighting groove. Considering the growing use of red-dot optics on tactical shotguns, the rail is a welcome feature.

The SP Pump Tactical comes standard with a specialized breaching/stand-off muzzle extension. To allow users to easily remove it by hand, the tubular device features three rings of integral knurling around its exterior. Within these three rings are two sets of alternating ports, and the forward face of the extension sports aggressive V-shaped "teeth" around its entire circumference.

The SP Pump Tactical received for testing featured excellent fit and finish, with all controls operating smoothly and the shotgun exhibiting an evenly applied and attractive matte-black finish. The first thing noted by several testers was the light weight of the shotgun.

We fitted the shotgun with an Aimpoint Micro T1 and took it out to the range and patterned the

gun with Federal Premium Vital-Shok 2¾" 00 buckshot. During the course of testing, there were no malfunctions. Perceived recoil was substantial because of the gun's light weight, but it was manageable. Testing resulted in patterns ranging from 6" to 11" in diameter at 25 yds.

In addition to the patterning test, we also tested the SP Pump Tactical for basic operation and function with a variety of 2¾"- and 3"-length shells. The shotgun cycled smoothly and reliably. Also, the ergonomics of the shotgun proved to be quite good, although we did note the SP Pump Tactical's heavy 9-lb., 4-oz. trigger pull during the testing.

For those who want a tactical-style shotgun with all the enhancements and upgrades one could reasonably expect for such a price, the SP Pump Tactical from Charles Daly Defense should make for an excellent choice. 



PARA USA G.I. EXPERT

From its inception as a Canadian firm offering high-capacity M1911-based frames to its current incarnation as an American-based company, having recently relocated to North Carolina, Para USA (formerly Para-Ordnance) has always been the company that takes a different approach to the M1911 pistol.

In these tough economic times Para USA has chosen to offer a basic pistol that dispenses with many of the expensive niceties that have become *de rigueur* in recent years. For the most part, the G.I. Expert has only the M1911 refinements famously specified by Col. Jeff Cooper—a trigger you can manage, sights you can see and a dehorning job.

The G.I. Expert eschews rear-of-slide checkering, wooden grip panels, a high-sweep beavertail grip safety tang, night sights and an extended thumb safety or accessory rail. That may seem like a lot until you realize that none of those things make a gun go “bang” or affect its accuracy. They are comfort features, which may help make shooting easier, but don’t get at the core of pistolcraft.

Why might buyers be drawn to the G.I. Expert? First, there is simply nothing on it that hasn’t endured decades of real-world testing. Its one-piece guide rod and solid barrel bushing are just such examples. Second, it departs from the traditional 20th century military M1911A1 only in

areas where such changes can be justified, including: the three-dot sights, a match trigger, a speed hammer, dehorned edges, a high-cut grip frame and a lowered and flared ejection port.

But the most obvious appeal of the G.I. Expert is affordability. Instead of having to make a large outlay of cash, you can put down a relatively modest sum and then modify the pistol as your taste demands and your bank account permits. In the meantime, you’ll have a fully functional, highly serviceable gun that you can use and enjoy right now.

The G.I. Expert’s three-hole blackened aluminum match trigger has a clean, crisp pull of only 3 lbs., 14 ozs. and is equal to those found on guns costing three or four times as much. It is likely aided by the short lock time afforded by the speed hammer. Although

Working in conjunction with the light, crisp trigger, the skeletonized hammer (l.) shortens lock time, making the Para USA G.I. Expert in .45 ACP one very nice shooting gun. In addition, the conventional full-length slide rails are comfortably familiar.

SHOOTING RESULTS (25 YDS.)

.45 ACP CARTRIDGE	VEL. @ 10' (F.P.S.)	ENERGY (FT.-LBS.)	GROUP SIZE IN INCHES		
			SMALLEST	LARGEST	AVERAGE
BLACK HILLS 230-GR. JHP	848 Avg. 8 SD	367	3.00	4.13	3.75
PMC BRONZE No. 45A 230-GR. FMJ	821 Avg. 12 SD	344	3.13	3.88	3.38
WINCHESTER No. S45 230-GR. SXT-JHP	866 Avg. 5 SD	383	4.00	6.56	5.50
AVERAGE EXTREME SPREAD					4.20

MEASURED AVERAGE VELOCITY OF 10 ROUNDS FROM A 5" BARREL MEASURED WITH AN OEHLER 35P CHRONOGRAPH. RANGE TEMPERATURE 88° F. HUMIDITY: 54%. ACCURACY FOR FIVE CONSECUTIVE, FIVE-SHOT GROUPS AT 25 YDS. FROM A SANDBAG REST. ABBREVIATIONS: JHP (JACKETED HOLLOW-POINT), FMJ (FULL METAL JACKET), SXT (SUPREME EXPANSION TECHNOLOGY), SD (STANDARD DEVIATION).



some might see it as an add-on, a speed hammer is just a lightly constructed hammer that moves faster yet retains enough mass for reliable primer ignition.

The sights consist of a front post and high-profile rear unit in a three-dot arrangement. They are quickly acquired, simple and sturdy. Despite the rear unit's height, it is surprisingly smooth at the edges and did not snag clothing when the pistol was drawn from concealment.

The dehorning of the entire pistol is subtle but effective. Visually, it does not soften the lines, yet the edges feel much less sharp.

Other enhancements on the G.I. Expert include the high-cut grip frame and the lowered and flared ejection port. The former makes the gun more comfortable in virtually any hand, and the latter keeps brass from getting dinged and dented. It acknowledges the

Although the barrel (l.) is not ramped, its throat is well-contoured. The G.I. Expert handled every bullet profile we tried. The rear sight (r.) is tall and easy to acquire. Despite its height, it is sturdy and snag-resistant.

importance of being able to reload ammunition (especially today) and is a logical enhancement that is also industry-standard.

Shooting the G.I. Expert was predictable, in that it feels and shoots exactly like a good M1911 should. It sits well in the hand, the trigger breaks cleanly and the gun rolls up in the hand with an easily manageable level of felt recoil.

Accuracy was satisfactory, though it showed some load preference. There was one failure to go into battery early in testing. After that, the G.I. Expert perked along without incident.

Were there things we didn't like about this pistol, refinements that we missed after getting spoiled by pricier guns? A few.

The frontstrap is slippery and the

PARA USA G.I. EXPERT

MANUFACTURER: PARA USA, INC. (DEPT. AR), 10620 SOUTHERN LOOP BLVD., PINEVILLE, NC 28134-7381; (704) 930-7600; WWW.PARA-USA.COM

CALIBER: .45 ACP

ACTION TYPE: RECOIL-OPERATED, CENTER-FIRE SEMI-AUTOMATIC PISTOL

FRAME: CARBON STEEL

BARREL: 5"

RIFLING: SIX-GROOVE, 1:16" LH TWIST

MAGAZINE: DETACHABLE BOX, EIGHT-ROUND CAPACITY

SIGHTS: THREE-DOT, DRIFT-ADJUSTABLE FOR WINDAGE

TRIGGER PULL: SINGLE-ACTION; 3 LBS., 14 OZS.

OVERALL LENGTH: 8½"

WIDTH: 1⅜"

HEIGHT: 5¾"

WEIGHT: 39 OZS.

ACCESSORIES: PLASTIC CASE, SPARE MAGAZINE, OWNER'S MANUAL

SUGGESTED RETAIL PRICE: \$599



gun twists in the hand, especially if the shooter is perspiring. Also, we weren't crazy about the Para Kote finish. It looks good out of the box and resists reflecting glare, but it began to wear after only a few presentations from the holster.

Refinishing these days with the variety of surface treatments available, including do-it-yourself spray-and-bake products, is an easy fix, but still, we'd like a more durable out-of-the-box finish.

That notwithstanding, the G.I. Expert is quite a good gun that is very hard to dislike. After all, it is simply the pistol designed by John Browning incorporating the tweaks suggested by Jeff Cooper, offered at an affordable price. Arguably, it has everything you need, and nothing you don't. 



PIONEER ARMS 12-GA. COACH GUN

Cowboy Action Shooting (CAS) has grown to such size that a number of companies now offer excellent replicas of Old West guns. One of the most difficult guns to simultaneously replicate and optimize for competition is the side-by-side shotgun. That is particularly true when talking about a double with external hammers. Nevertheless, the gun reviewed here is an excellent version of the classic hammer double, often referred to as a “coach gun.” It is the Pioneer Arms shotgun made in Radom, Poland, and imported by Pioneer Arms of N. Bennington, Vt.

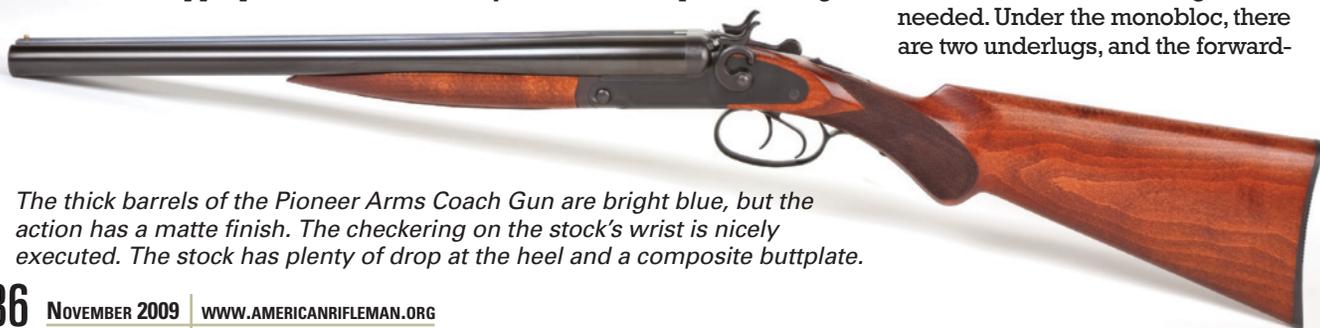
The Pioneer Coach Gun is a 12-ga. side-by-side with thick 18½" barrels, dual triggers and external hammers. It features a reddish-tinted European hardwood stock with an appropriate amount

of drop and a period-correct rounded-ball pistol grip. The grip has conservative, well-executed checkering with a matching pattern on the fore-end. Capping the buttstock is a hard composite buttplate. The fore-end locks in place under the twin barrels by means of a barrel hanger and a strong, spring-loaded catch in the fore-end iron. Simply inserting one's finger between the barrel rib and the pointed fore-end's tip and pulling downward releases the fore-end. Once it is off, pressing the top tang lever to the right allows the barrels to be removed.

The dual triggers are mounted on a plate screwed to the action body. The front trigger releases the right hammer and the rear the left. The rebounding hammers are checkered at their tops and may only reach their respective firing

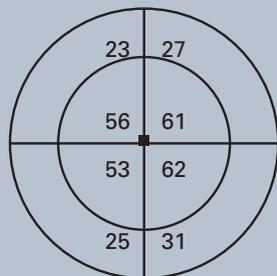
pins when the triggers are pulled. The Pioneer is an extractor-only gun, and a lug on the front of the action presses the extractor rod rearward as it is opened.

Above all other authentic features of the Pioneer gun, the Greener-style locking crossbolt stands out. Developed by W.W. Greener, noted English gunmaker of the Victorian era, it is an elegant but strong way to keep shotgun barrels locked into the breech assembly. It is a third fastener comprised of a round bolt moving horizontally through a matching hole in the receiver top. This happens when the shooter closes the action. When he or she sweeps the top tang lever to the side, the bolt emerges on the left side. When the inner end of the crossbolt clears the hole in the barrel extension, the barrels pivot down for extraction and reloading, as needed. Under the monobloc, there are two underlugs, and the forward-

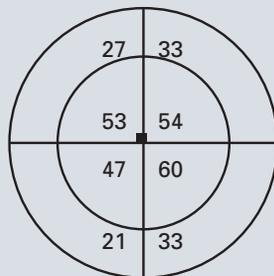


The thick barrels of the Pioneer Arms Coach Gun are bright blue, but the action has a matte finish. The checkering on the stock's wrist is nicely executed. The stock has plenty of drop at the heel and a composite buttplate.

SHOOTING RESULTS (25 YDS.)



CYLINDER
CHOKE



CYLINDER
CHOKE

AVERAGE OF 10 PATTERNS

■ = POINT OF HOLD
 REMINGTON PREMIER STS LIGHT TARGET LOAD
 12-GA., 2¾", 2¾ DRAM EQUIVALENT,
 1½-OZ., NO. 7½ LEAD
 AVERAGE PELLET COUNT: 387
 MUZZLE VELOCITY: 1145 F.P.S.

TOTAL HITS (LEFT BARREL) 334 (86%)
 21" INNER CIRCLE 232 (59%)
 30" OUTER RING 102 (26%)

TOTAL HITS (RIGHT BARREL) 328 (84%)
 21" INNER CIRCLE 214 (55%)
 30" OUTER RING 114 (29%)



Dual lugs (l.) beneath the barrels lock into corresponding recesses in the receiver. With the action open (r.), you can see the horizontally sliding Greener crossbolt that strengthens lock-up on the Polish-made gun.

most protrudes through the bottom of the action. To work smoothly, the various parts must be precisely fitted, and these certainly are.

More often than not, shotgun targets in Cowboy Action Matches are close and stationary. Usually, they are no farther than 25 yds., so a CAS competition shotgun needs to be quick to handle and shoot, as well as to reload. The Pioneer is heavier than it needs to be in order to reduce recoil. Much of the weight comes from exceptionally heavy barrels, which shift the gun's balance forward. There is a grooved rib atop the barrels, and a single brass bead at the muzzle. The right barrel measures 0.729" in diameter and the left 0.730".

Most matches require reloading, so the top tang lever is angled off at 7 o'clock to give the shooter a bit of an advantage in opening the action.

There is a manual sliding tang safety. Fortunately, it is not automatic. In competition, that would slow things down. As the Pioneer is a hammer double, the shooter must cock the hammers, which is easier than usual because of the light hammer springs, which allow the shooter to cock both hammers with a sweep of the shooting hand.

In the matches for which the gun is intended, targets are close, so the patterning paper was placed at 25 yds., but the 30" outer circle and the 21.2" inner ring remained the same. For patterning, we used a Remington light target load with No. 7½ shot.

Around 85 percent of the pellets impacted within the 30" circle, and more than half of them struck within the 21.2" inner one. For a cylinder-bore shotgun, this was outstanding performance. And it shot dead-on to the point of hold.

PIONEER ARMS COACH GUN

MANUFACTURER: PIONEER ARMS CORP.,
 1905 ROKU 1/9 ST., 12/112 RADOM,
 POLAND

IMPORTER: PIONEER ARMS CORP.
 (DEPT. AR), 25 MAIN ST., P.O. BOX
 25, N. BENNINGTON, VT 05257; (309)
 226-4226; WWW.PIONEER-PAC.COM

GAUGE: 12 GA., 3"

ACTION TYPE: SIDE-BY-SIDE, BREAK-
 ACTION, EXTERNAL HAMMER SHOTGUN

FRAME: POLISHED BLUE STEEL

BARRELS: 18½" BLUE STEEL

CHOKES: FIXED, CYLINDER BORE

TRIGGER PULL: DUAL MECHANICAL:

4 LBS., 4 OZS., RIGHT BARREL;

4 LBS., 14 OZS. LEFT BARREL

OVERALL LENGTH: 35⅞"

WEIGHT: 8 LBS., 10 OZS.

STOCK: EUROPEAN HARDWOOD: LENGTH OF
 PULL, 14¾"; DROP AT HEEL, 3⅞"; DROP
 AT COMB, 1¼"

SUGGESTED RETAIL PRICE: \$1,290

It is also a gun that handles quickly in terms of opening, loading, cocking and firing. The triggers are light for speed work, and the gun handles perfectly for the job at hand. The blue barrels and matte action showed remarkably good polish for a gun in this price range, and the wood-to-metal and metal-to-metal fit were a pleasant surprise.

The Pioneer 12 gauge is a specialized, well-made competitive firearm. It is seldom that we see any design so precisely and handsomely executed. For the asking price of under \$1,300, its fit, finish and function are excellent to outstanding. 🦋

The *American Rifleman* has used the phrase "Dope Bag" since at least 1921, when Col. Townsend Whelen first titled his column with it. Even then, it had been in use for years, referring to a sack used by target shooters to hold ammunition and accessories on the firing line. "Sight dope" also was a traditional marksman's term for sight-adjustment information, while judging wind speed and direction was called "doping the wind."

WARNING: Technical data and information contained herein are intended to provide information based on the limited experience of individuals under specific conditions and circumstances. They do not detail the comprehensive training procedures, techniques and safety precautions absolutely necessary to properly carry on similar activity. Read the notice and disclaimer on the contents page. Always consult comprehensive reference manuals and bulletins for details of proper training requirements, procedures, techniques and safety precautions before attempting any similar activity.