VARMINT HUNTER

The Less-Than-One-MOA Mini-14

By Dave Biser

CALLING THE CRITTERS I was sitting on the point of a juniper/piñon covered ridge, looking out

across a sage flat that held a large pepulation of cottontail rabbits. In summer and early fall there had been many more bunnies, but the dumb, the slow, and the unlucky had long since been recycled by the local predators.

from the top of the mesa off which this ridge ran. My truck was parked back up on top. Davlight consisted of a slight brightness of the sky in the east, but the moon was up and in its nibbous form. so there was light enough to walk, if not quite enough to shoot. I sat down and watched and lis-

nal ones were heading for cover or trying to grab one last bite before hitting the sack. As the sky in the east slowly brightened, a great horned owl let go with several hoots that very likely brought chills to the spines and terror small. The snooky hooter sext his onestion out into the dark again. From a couple of ridges away came a similar call, but with one less syllable - a female, letting hubby know where she was. There was no more noise out of the big guy behind me: he must have

I had come here to try calling covotes by, at least in part, howling like coyotes. I had been watching the Randy volumes I and II, and "The Verminators." These are some of the finest humer training and entertainment programs I've ever watched. They are long - I believe "Calling All Coyotes I" and

more than four hours. There is a great deal of hunting action: Instructions are broken down into simple concepts even a writer can understand. Best of all. Randy Anderson and his hunting buddies are real people on the programs The programs show mistakes and missed shots as well as successes and



scope) right out of the shipping carton. the ears backle and play lokes on each

other like you or I would do with our friends. Finally, the concepts one learns from these programs really work. Anderson, one of the most credible and well-liked covote callers in the

country, uses several different types of covote how's to entice the little does to come to him. Depending on the situation and on the howls used, the coyotes come out of curiosity, the urne for social contact, the urge to whop some trespassing coyote's butt, the urge to mate with the new girl in the neighborhood, hunger, or whatever,

Often, Randy starts off a calling session with a series of different howls. The sequence and timing of these difshow up in a peasonable time. Anderson often will swinch to a rubbin or hind

haven't even called yet," several hundred vards, Anderson will switch to rodent squeaks produced by

coaxer in the world is right on the end of your arm.) Usually, the idea is to give the resident covotes the impression that one or more strangers are moving in on their territory. Often, sounds indicating the local rabbits or prairie does is enough to close the deal. The residents can't abide some stranger dropping by and eating their food

It was light enough to shoot when I spotted a big covote coming up the ridge next to mine. He was across a small side canyon, perhans 200 yants away, and traveling at an angle that climbed the ridge he was on "Wow" I thought, "this howling stuff really works! I have one coming in, and I

As this clairvovant covote casually trotted up the ridge, pausing here and



regards it is very different.

there to saiff out the places that might hold rodens, rabbits, or birds, I slowly turned to my right to get a better angle for shooting. I brought the short, heavy-barreled Ruger Mini-14 around slowly. It is stainless, but has a beautifully subdued finish. I've had no trouble with the rifle reflecting light and spooking animals. In the weeds, it simply looks like a dead, weathered limb.

I tracked aband of the coyote with the little 3-9x Burni-Fulfield II soogne. As the coyote approached as open uses, I barked sharply, bringing the sound from deep down, near my disphragan. The little day stopped instantly and looked directly at me. The cross hairs settled on his shoulder, my right forefinger released the indexty, and then settled on the wide, smooth trigger. When I squeezed the trigger, the rifle backed and the coyote relled over one his side, kicked a few

times, and lay still. THE RIFLE

Bill Ruger was not only a superior gun designer, he was a genius at creating the right rifles to fill neglected niches in the friearns market. If he was not doing that, he and his people (he also was uncommonly adept at surrounding himself with the best experts) were coming up with significant improvements to existing technology. Finally, Bill Ruger was also a man of ereat intentity and outware.

The Ruger No. 1 is a prime example of all these taleast under characteristics. Mr. Ruger saw the open niche, the absence of a strong, high quality single-shot rifle. The older single-shot rifles, from Remington, Winchester, Sharps, and many others, had been dropped from production by their respective companies.

Roger examined all the existing technology (such as the old Farquharson single-shot rifle action), but these venteable rifles were only a starting place. Externally, the Ruger No. 1 looks somewhat like the Farquharson rifles, but internally it is a greatly superfor single-shot action unlike any-

thing a ver made before.

The introduction of the No. 1 took great courage, many of the exports around him told Rugar that no one would be interested in a simple-shot, gives all the great both caused by the market. They also cline to the the white one of the bendinger of the threat the simple shot gives and the great both caused when the market. They also cline to the threat the market is the simple shot gives a simple should be shown to the simple should be shown that the simple should be shown to the simple should be shown to the should be should b

The development of the Ruger Mini-14 required of Bill

Runer the same attributes as lad that of the No. 1. Here again,

it was hard for anyone but a visionary to see a significant miche in the market into which the Mini would fit. The most serious argument against bothering with the development serious argument against bothering with the development of this gam was the fact that the U.S. Armed Forces had chosen a new carry rifle just a few years before. That slot lifety would not be open again for decades to come. So the largest potential market was effectively closed.

The Mini-14 can trace list ancestry back to the vener-

be Min-14 can trace its allocity office. So the veterable MI rifle. That's not to say that it is a simple copy of the MI, MI Carbine, or the Min-14's direct memority, the MI-1, were inspired by MI and MI of rifles. But decreasing the war of the MI of rifle to accommodate the small 223 carridge required several complex geoscerical changes in the interand design. Also, parts that worked well in the MI of were not usable in the Mini, so other parts had to be invented and engineered to take their places.

hard work by many brilliant minds to accomplish.

The Mini-14 actually is a distant relative of the Russian-invented AK-47 and AKM firearms. Russian designers copied extensively from the M1's internal mechanisms, practicularly the bolt and trigger assembly. The AK rifles are, like the Mini-14, extremely dependable.

Ruger's idea was to make a small, light M14-like riffe to fit the little 223 cartridge instead of the powerful and recoil-heavy. JOB Winchester. Some years before, the bureaucrats finally had figured out (even a blind hog finds an octasional acrom) that their M14 was too heavy and powerful to be an effective combat gun. The men who made the decision to adopt the M16 as

the U.S. armed services standard rifle very well may have gone for the Mini-14, had it been available when they were making that decision. As Ruger once said after talking with one Colonel Studler, an official deeply involved in choosing ordnance for the U.S. armed services, "I have often said and I know I am correct here - if we had brought the Mini-14 out five years earlier, it would have become the standard Army rifle." It was a considerable stretch for these battleseasoned old officers to switch from the familiar M1 Garandtype action to the strange, new AR-15/M16. The Mini-14 would have seemed friendly and familiar. Several times, Bill Ruger had occasion to hand a Mini-14 to a seasoned old Army or Marine veteran, Invariably, these guys, who had cut their teeth on M1s. M1 Carbines, and M14s, would feel right at home with the little Ruger. They would slap it open, slap it closed, and fire away. No doubt Colonel Studler and his staff would have had similar reactions to the

The Mini-14 first came out in comhad been around for testing from '71, The AC-556, with full auto and, later, 1976. A stainless steel Mini-14 appeared tion and a receiver with integral scope mount bases, came along in 1982. The stainless Ranch Rifle was introduced in 1986, as was the Mini 30, a slightly more robust Mini-14 chambered for the 7.62x39mm cartridge. A few Ranch Rifles were chambered for the .222 car-

tridge in or around 1986, but most of those were sold overseas. During the mid-1980s, the Ruger Company did considerable work on a

rifle like the Mini-14, but chambered for the .308 Winchester cartridge, Mr. Ruger wanted it to be as dependable as the Mini-14 as well as extremely accurate. didn't live up to Ruger's requirements. So far the 308 rifle, called the XGL has not been released to the market. I don't know if they have completely abandoned this project, but a dependable, accurate, rugged, lightweight rifle chamhered for the 308 cartridge would be highly interesting to medium to big game hunters. It might make a fine sniper rifle for law enforcement and military purposes, also,

The Mini-14 is considerably more popular among hunters of covotes and other small- to medium-sized predators than most people realize. Two reasons eas in which the Mini-14 excels over most other gas operated semiauto rifles. I believe the Mini-14 could pass most of the punishing tests that technicians have cooked up for Glock and Ruger bury a Mini-14 in the mud, beat it across a fence post (or over the head of a pit leave it in the ocean for a month, freezing it in a block of ice after taking it out, and when you thawed it, it would still function perfectly. Oh yes, somewhere in that process, one should run over the tough little gun with a truck.



A triager shoe was placed on the rifle by Accuracy Systems after their triager job. The triager now has a pull of 3.5 pounds, but with the extra leverage of the shoe, the pull feels more like 2.5 pounds. The wide, smooth trioger shoe feels great when one is shooting

This is speaking of the action. To keep weight down, the Mini-14 is equipped with a light burnel. Here, nortability and quick handling are the properties sought. The barrel might not make it through the above referenced tests without being bent. The Mini-14 was never designed

to be the most accurate rifle on the market. It was not designed as a match or prairie dog rifle. It was designed for agility, mobility, ruggedness, and dependability. It excels in all these areas. Some owners go to great pains finding the best ammo for their owns and making small changes to enhance accuracy. One fellow whose article I barrel tightly in the stock to add support to and, in effect, stiffen the barrel, The next step, he says, is installing good sights or a scope. Finally, one should have a gunsmith hone the trigger components smooth. By doing this, some shooters achieve 1.5 MOA accuracy or

better. That's probably good enough for most predator calling applications. claimed the Mini-14 is the ideal predator calling rifle. It was pretty convineing. I believe the Mini-14 is as good a choice for many situations as a predator caller could make. The Mini's dependable semiauto action is indeed an advantage when calling covotes or foxes. With the semiauto, one often can take more than one animal when more than one come in. This is not so much because of speed of firing the second and third shots, although the speed certainly is there. I think a bigger advantage is that one often can get off a second or third shot without speeking the critters at which he is shooting Animals do not always react to the

sound of a gunshot by skedaddling at Macls IV. Often, depending on the species, they stand in confusion, not knowing where the hig noise came from Nearly as often, they act as if nothing at all has taken place. This is less true of predators than of most herbivores, but occasionally it applies to predators,

The working of an action is different. That noise, much more easily pinpointed, will cause animals to flee more often than will the rifle's report, Too, there is the motion required to work said actions. This motion may well be

detected by the quarry's sharp eyes. With the Minis 14, the pext round of the previous shot has faded. Any the sound of the shot. Even if, as freat the sound of the shot, often he is not cated you while you were working your bolt action. Often, a howl or a sudden bark will cause him to stop and look back long enough for a shot. A redent squeal also may work for this.

The Mini-14 is great fun to shoot, whether the target is a can, a silbouette, a marmot, a prairie dog, a pit bull, a feral house cut, or a covote. The little rifle will fire any old cheap ammo and never complain. It'll shoot dependably when been forgotten, or when the temperature is well below zero. I believe it is as dependable as a gas-operated semiguto

rifle can be The design of the Minist4 is like that of many Ruger guns, ingenious. One key to the toughness of this little eum, and to the fact that it continues to function so well under dirty and adverse conditions, is the design of the gas system. Instead of using a moving piston inside a stationary cylinder, as most eas operated firearms systems do, the Mini-14 uses a hollow, stationary piston and a moving cylinder that cleans itself with each shot. Unburned nowder and other waste particles are blown from the system, so the rifle continues

to function extremely well with minimal care. The breech bolt lockup is designed on similar principles as the old Garand system, but with several impor-

tent improvements. The action is extremely strong and dependable. The extractor suring is very strong, making unlikely. I cannot say this about any other gas-operated semiautomatic l have used, but I can't remember having over seen a Mini-14 rifle iam.

There are various hypotheses flying around concerning the Mini-14's inability to shoot like a target rifle. The one that seems most credible has to do with the ventine of was to operate the action and the light barrel on the Mini-14. Like the barrels of most gas-operated semiautos, the barrel on the Mini-14 has a gas vent in the side that bleeds off a little let of eas to work the action As this gas exits the yent while the bullet is traveling down the barrel, it cre-

ates a force similar to a small rocket and oriented at a 90-deeree angle to the burrel. This thrust, being perpendicular to the axis of the barrel, sets up waves of vibration in the barrel that are in addition to the wayes created in any burrel when fired. To a much lesser extent, but in a similar manner, the barrel is whipping back and forth somewhat like a fire nozzle open. This barrel whipping seems to be the major factor that inhibits tack-driving accuracy in the Mini-14.

with the vibrations. One is to use the stock to support the barrel by tightly glass bedding it, as mentioned earlier. Another way is to install a harmonic stabilizer. Finally, one can install a being whipped back and forth. Any of these techniques will help, but to varyine degrees depending on the quality Several gunsmithing firms around

the country that work on semiautos are advertising some sort of harmonic stabilizer for the Mini-14 and Mini Thirty. These devices, which consist of a hollow metal cylinder, attach near the muzzle with the body of the cylinder enclosing, but not touching, the barrel back as far as the gas block.

The stabilizers work, I believe, in two ways. First, the extra weight out at the tip of the barrel, though not very heavy adds to the inertia of the barrel and deadens vibration to some extent. I proved this, or more accurately, gathered a little supportive evidence, by clamping a weight to the muzzle of a stainless Ranch Rifle. This technique, though the weight was only about six ounces, and though the result was excruciatingly uply, cut the size of the groups I was shooting by approximately 20 percent.

Second, the hollow, cylindrical nart of the harmonic stabilizer sets up its own vibration when the shot is taken. rectly, the vibrations in the cylinder tend to cancel those in the barrel and minimize the effect. Accuracy Systems Inc. smith I deal with, predicts groups in the

0.75° to 1.75° range, depending on the ammo used. For \$319.00, Accuracy Sysis perfectly straight, shorten the barrel if desired, install their stabilizer, do an excellent trieger job, and install an extended magazine release. When they are finished, the rifle simply looks like it has a heavy barrel. A fringe benefit: the stabilizer significantly enhances the barrel's cooling ability.

Methods of attaching these harmonic stabilizers vary. Some are put on with Loctite. Others require threading the end of the barrel; the cylinder is then threaded on, fo lowed by a locknut. Accuracy Systems machines the barrs so that the stabilizer becomes, for all intents and purpose an integral part of the rifle. All these devices have one thin in common; they touch the gun only near the muzzle. Installing a heavy barrel is more expensive than is it

stalling a stabilizer, but greater accuracy is achievable. At stalling a stabilizer, but greater accuracy is achievable. At curacy Systems offers quite a variety of replacement barrel from plain barrels slightly more stiff than the Ruger stoc barrels to top of the line Douglas Stainless Ultra-Match At gauged Models worth hundreds of dollars just for the bar rel. These barrels range in diameter from 0.750 to 1.000 incl. A zood trieger job always will enhance accuracy. Pill.

bedding seats the receiver into the stock more solidly an increases accuracy also. A thicker, more robust received buffer a small pad that sits behind the bolt and cushions the bolt impact with the stock, quiest the action and decreases vibration. The point is that there are two or three major and manmiors alterations that can be made to this fine little rifle, each of which has the potential of enhancing accuracy. With the right harvel, three-points rillar bedding, a tris

ggr job with enhancer shoe, a large gas block to fit the new burel, a more robust receil buffer, and a few other tweaks, a Mini-14 can be turned into a real tack driver, I decided that, king the basic action and dependable performance of this fine little semisates so much, I wanted to spend a few bocks and have a Mini-14 customized not be point where its accuracy would live up to its dependability, and datability, such that the statement of the point where its accuracy would live up to live dependability and datability, such that the statement of the statement of the point where its accunity which was the statement of the statement of the statement of the such as the statement of the stat

racy Systems (803/813-0254). This guasmithing firm, owned by Carl Emmits, specializes in; unong other things, making Mini-14s and Mini Thirines shoot accurately. They also work with Remington Model 700 book-action rifles, and others. What 1 Remington Model 700 book-action rifles, and others. What 1 skill. The work they did on my Mini-14 proved that to be true. Many of their custom Mini-14s and Thirties are guaranteed to fire sub-minute of angle groups. Mine certainly

skill. The work they did on my Mini-14 proved that to be true. Many of their custom Mini-14s and Thirties are guaranteed to fire sub-minute of angle groups. Mine certainly does that, and I did not buy their most accurate package. The Mini-14 I sent to Accuracy Systems was a stainless Ranch Rifle with the black symthetic stock. From the first day, it never jammed or malfunctioned in any way, It shot groups

if never jammed or malfunctioned in any way. It shot groups in the 3 to 6 MOA range, depending on ammo. It seemed to like Hornady ammo, as groups with Hornady fodder averaged down near 3 inches, most of the time. Sometimes, I could not stay inside 5 or 6 inches, regardless of ammo. Careful

	Avgerage Muzzle Velocity (FPS)	Average Grou (100 yards)
	dloaded Ammunit	
27.0 gr. H335/52-gr. Sierra BTHP		
25.5 gr. Win. 748/55-g V-Max		

handloading may have helped this, but I did not take the time to try that, as I had acquired the rifte to have it customized. I shot three coyotes with it. All of those crities were solved at less than 100 yands, and two were less than 30 yands from the muzzle when the little riftle spoke. Right out of the box, the Mini-I dd its job perfectly. I could have continued to use it as a calling riftle indefinitely with never a regert. I simply vanised a Mini-I of har weight done to take little retingly variety as Mini-I of har weight done to take little retingly variety as Mini-I of har weight done to take little retingly variety as Mini-I of har weight of the countries of the many contributions.

priced burst, or top of the line hunts. I finally decided to go of the line. I special the following change: installaor of the line. I represent the following change: installaburst, 0.75% in diameter solts a line of wiset, 20 inches long, the line of excellent; it's just that I had never had a gun customized before, other than installing trigger mechanisms or sights myself, so I wanted that premium stock. I also had Carl install a recoil buffer.

Carl Emmite is a good man to work with. He's extremely busy, but he's willing to talk, has abundant good information to share, and inspires tons of confidence. He's extremely conscientious regarding his work, and the qual-

ity of the work that comes from his shop shows that attitude. He and Chris and another employee were kind and patient as I made changes in midstream. They kept me reassured, though I had

tient as I made changes in midstream.

They kept me reassured, though I had no idea what I was doing.

I had AS make my rifle look much like the original black-stocked Ranch

Rifle, because I wanted a tough, hard working, practical gun that would be difficult for a predator to see, and that would not give me a coronary when I

If a shooter wants them to, these guys can turn out Mini-14s that are supprisingly beautiful. If you've never thought of a Mini-14 as a pretty gun, you'll think again when you see some of the guns. Carl and his people have made with fancy laminated thumb-hole or target stocks. The work and the parts are not cheap, but you get back something really special. As a good friend of mine often save, "Dave, it costs only a

little more to go first class."
When UPS delivered my rifle, I could not wait to shoet it. I cleaned it throughly, fitted is with a good scope, and bore sighted it. Taking cleaning supplies, a bunch of ammo, and some targets. I headed up into the desert. I set up a target at about 30 yards from my truck and proceeded into the seemingly endless shoeting and cleaning, abouting and cleaning, and through the country of the cou

I do about this staff.

I have had two scopes on the Mini. The only scope I had available when the rifle was delivered was a Simmons Whitestall Classic Is an outstanding scope for the price: Simmons outdid themselves when they contracted the manufacture of this scope. A friend of mine, Glen Fuller, owns a great gun and archery show called East Main Trade in

knows orders of magnitude more than

could name. Years ago, when the Simmons Whitetail Classic scopes were available, Glen recommended them to shooters who wanted a good scope, but who did not have the peso for a Leupold or Burris.

With the Simmons scope, I sighted in the rifle to his noise of aim at about

shooting products as well as anyone I

in the rifle to hit point of aim at about 30 yards. Had it been a big-game rifle, I would have sighted it in at 25 yards. This throws the bullet about 2 inches

would have sighted it in at 22 yards. This throws the bullet about 2 inches high at 100 yards, somewhere near dead on at 200, and about 7 or 8 inches low at 300, depending on bullet weight and muzzle velocity. After I installed the Burris Fullfield II scope with the Ballstie Plex reticle, I sighted in the rifle to hit point of aim at 100 yards. According to my

Burris chart for the 232 cartridge, I would be deed on a 209 yards with the first crosshair below the main one, about an inch hija at 100 width we second crosshair down, 2 inches low at 400 yards with the next crosshair, and about an inch hija yards with the next crosshair, and sout 11 inches low at 500 with the bottom crosshair. I stead the pass of myself a various ranges, modifying the table as receded. The table was made for a sold with a 55-grain bullet freed from a 24-inch burrel. I was showing 52 grainsen, the burrel. I was showing 52 grainsen to be break the size of the south of the control of the south of t

Plex chart was very close.

the 223 does not have a lot of punds beyond 200 or 250, to my way of think-ing. It's great for prairie poolles out to any range you can hit the little rascals, but a big, tough, muscular coyote is a different story. I like coyote: I iden't want to wound one and have him die a slow death any more than I would want to do that to an elik, deer, or tarkey. I story to be a story of the control of t

With the Mini-14, I really didn't

care about anything over 300 yards, as

I like the Burris Fullfield II scope with that Ballistic Plex reticle. The Ballistic Plex is quite easy to use, and it has the little charts to help you use the reticle with different cartridges and loads. Typically, you have to make your own chart for the load and rifle you are using, but the charts Burris furnishes with the scope give you a place to begin. The scope is a 3-5x40 with matter

shop called East Main Trade in finish. It seems to be very well made.

Farmington, New Mexico, Glen knows

To give this little scope a rough

and serious test, I loaned one of mine to a friend. This guy has a Remington Stainless Model 700 chambered for the .375 Remington Ultra Magnum. This beast is not all that far behind a .378 Weatherby. The guy was getting ready

and bear. I figured if the scope could take the recoil of the .375 Ultra Mag and the wet cold of Alaska, most of us probably could depend on it for anything we are likely to do with it.

This friend, Lyle, lives to hunt.

He's serious about his sport, and he kills a lot of game each year. Any firearm he carries is going to get a workout. Lending Lyle the scope helped him while giving me a chance to subject the scope to a great test at the hands of a very comenvironment

The scope worked perfectly in Alaska. Lyle drug it along as he slogged through miles of tundra, almost always in a fairly hard drizzle. He killed quite a bit of game with the rig. The little glass never fogged, and it was always there. still zeroed in and clear as air, when he needed it. He liked it so well that when he returned he didn't want to take it off

the rifle. On that first day with the customized Mini-14. I was shooting across sandbags laid out on the hood of my pickup. I would have preferred a bench rest, but I don't always have access to one, and I was eager to see how this gun shot. I soon found out. At 30 yards,

groups were one ragged hole. I set up targets at a laser-measured 100 yards. Even over my truck mounted sandbags, I was staying below an inch most of the time. I could hardly believe having a gun I had liked so much in every other respect for so long finally shoot such tight little groups. The work Accuracy Systems had done on it had turned the little rifle from a very fine

If I were big on prairie dogging,

rifle into a truly splendid rifle.

groundhogging, or rockchucking, I would have Carl build a Mini-14 off the stainless Ranch Rifle with all the additions he installed in mine. I would, however, go heavier, with a 22"- or 24"-long. 1-inch diameter Douglas Ultra Match air-gauged stainless barrel. I would have the rifle equipped with one of those beautiful laminated thumb-hole stocks that Accuracy Systems offers. I would mount a good, high power tactical or target scope from Burris, Leupold,

Nikon, Swarovski, or one of the other

fine optics companies out there. I also might have Accuracy Systems chamber this new rifle for the .204 Ruger cartridge or their Norma 6mm PPC offering. Any prairie poodle within 500 vards would be in grave danger, because if my little custom Mini-14 with its light stock and 20" long, 0.750" diameter barrel will shoot as well as it does, the heavier, longer, and fatter barreled rifle should be remarkable. I shot the little gun often over the

next few weeks, running several brands of factory ammo through it, as well as a few handloads. As Carl Emmite had predicted, the gun really likes Winchester 45-grain jacketed hollow-point commercial loads. Carl had included a box of this ammo with the rifle when he returned it to me, and it did shoot extremely well. It shot even better when I shot from a bench a few weeks later. I shot mostly Black Hills 52-grain match BTHP reloads, however, as I had a big supply of those and they shot quite well. They shot much more accurately than I could shoot under field conditions, even with a bipod. THE REASON

On a clear, cool Thursday morning, I decided to take the Mini-14 and my Burris Signature 10x50 binocular for a little stroll. I drove to a place I like that has three different types of habitat and is not far from a fourth. In the higher places are groves of ponderosa pine intermixed with patches of Gambel oak. Here and there, in the relatively damp draws, are small patches of quaking aspen. Lower down, the vegetation turns gradually to ponderosa pines intermixed with piñons and then to piftons mixed with junipers. Lower vet, past the all-juniper level, one encounters large natches of big sagebrush. Beyond and around these, where farmers have reached with their irrigation pipes and ditches, one encounters lush green fields of alfalfa or grass and an occasional garden. Most of the irrigation water is in open ditches, and hundreds of Russian olive trees are invading those wet areas. There also are a few cotton-

wood trees. The area is a wild animal magnet, Deer, turkeys, pheasants, quail, cottontail and jackrabbits, prairie dogs, voles, and various other bird, reptile, and amphibian species abound. Of course, with all that food around, there is no shortage of covotes, bobcats, badgers, foxes, and an occasional mountain lion or black bear. Hawks too are abundant.

I took my FoxPro caller and hung it from the limb of a Gambel cak. I then walked about 40 yards downwind and sat against the trunk of a large ponderosa. I sat there for several minutes, then nut on my face mask so as not to frighten the critters with ugly. I pushed a button on the FoxPro controller. The long, high-pitched notes of a coyote's interrogation call filled the air. I let the FoxPro howl a few times, then went quiet. From several hundred yards came a return call.

After trying to reason with these stubborn and overly smart coyotes by using several howls, I finally resorted to having my electronic covotes kill an electronic jackrabbit. That rabbit just squalled his electronic head off, but no covotes. They did howl several more times. They must have been liberals, as they seemed to have no interest in defending their homes and families. In

desperation, I switched to a wood-Ten or 12 minutes later, I saw a

movement in the brush at about 60 or 70 yards, but I could not make it out. Then the image jumped out at me, clear as crystal. Right there in plain sight sat



This is the Accuracy Systems gas block with sling swivel stud. Note the Douglas Premium Match Grade barrel and the matte gray finish, which is excellent for low visibility.

any fox I had seen. He was interested because of habitat modification, road

in a bird lunch, as he was looking in the direction of the FoxPro. I was surprised he had come in after all that coyote commotion, but there he sat, brazen as could be, "You could quickly be transformed into a pile of coyote do-do with that attitude and lack of caustion." I thought

Oh well, his problem.

If wached the strange little for though the biscoding for two or there minutes. If was starting to finish I was made to be a surprise to the late of the starting to the late of the late

Swift and kit foxes have had a perrough time in the last several decades. Fox

kills, increasing human populations and related development, unintentional poissoning as an accidental byproduct of rodent poisoning programs, and increasing populations of coyotes. This little guy sort of resembled a

gay ios, out ne was even more damily a than that already graceful animal, and he was lighter in color over much of his body. His fur along the sides of his muzzle was dark. Near the line between the darker fur on his upper body and the nearly white on his belly, there were streaks of light rufus. Also, the ears seemed larger for the animal's size than are the cars of a typical gray fox.

The fox was starting to lose interest in the bird. I cut off the bird and started a rodent squeak by sucking in air between my upper incisors and my lower lip. This makes a higher pitched noise than kissing the palm of your hand, and some critters are fascinated

by it. It sounds much like a chipmunk, small ground squirrel, vole, or mouse getting beaten and eaten. Suddenly Mr. Fox was interested again. His attention turned my way. I kept it up, intermittently, leaving quiet

again. His attention turned my way. I kept it up, intermittently, leaving quiet periods in between series of squeaks. Foxy started to come toward me. He

minded me of that of a bobcat. Perhaps he wanted to make sure there were no coyotes around. Good thinking. I was back in the shade, well

camoed, and the morning sun was shining in his eyes. He kept conting until be was about 15 yarda way. Then he sat down, looking right at me. I was wishing I had a dead rat or bird lying out there for him to pick up. I'd wasted his rip. Finally I said in a normal conversational voice. "Nice day, hult?" The fox instantly knew he'd been

had. He got this frightened yet embarrassed look on his face (anthropomorphism), but I didn't get to see it for long. He was running like a scalded cheetah, making tracks for safer country. He still had the pedal to the metal when he went out of sight.

I had only a short time on the next

stand, as it was getting late. The sint was getting high, and the critiers would be less active than they had been earlier. In the Fender of the its rendline of all interrogation howd, those long, drawn-onsialmost squeaky sounds with a minimum of backing. I thought I would do that a few times, then go into soueding more insistent and controversial, from a copout's point of view—a male challenge perhaps.

I didn't get the chance. Seconds

after the FoxPro emitted the first interrogation bowd. a coyote stood up and backed and howled back. He was about 250 yands out. "With this Berris and its Ballistic Plex reticle," I thought, "I on the that eriter right in the beller room." It was not windy. As quickly as possible that distinct the control of the control of the John Charles of the control of the control side to me. He rolled when the little Mini-14 barked.

His pelt was rubbed as one would expect this late in the winter, so I left him lay where he was. I would have ing the little rifle in one hand and the FoxPro and bipod in the other, I strolled back to the truck. The binocular, hanging inside my jacket, gently pounded on my chest as I walked. It was bright now, and I had errands to run, work to do. I let out a sigh of satisfaction as I stopped to look over the good, wild country below. The sigh was mainly a reaction to the beauty and solitude, but a good part of it was because of the feel of the su-

taken him to a friend who traps and works with furs, had he been fit. Carry-

perb little rifle in my hand. MINI-14 DETAILS K-Mini-14/5RP, Mini-14

Models Stainless Ranch Rifle Caliber: Metal finish: Action: cleaning cylinder.

Stock: Barrel Length: 18.5 inches Riffine: 6 grooves, 1 turn in 9* Magazine:

Features: I" scope rings furnished with gun. Integral bases MSDP. Manufacturer: Sturm. Ruger & Co., Inc. Lucey Place

Overall Len.: Weight:

Sights:

Features:

Southport, CT 06890 (203) 256-3860 BURRIS FULLFIELD II DETAILS

Model: Matte finish, Ballistic Overall Len.: Weight:

waterproof, click value 0.25 in. @ 100 yards, FOV

ft. @ 1.000 yards = 33-13. Market Price: \$230.00 Manufacturer: Burris Company 331 E. 8th Street

Contact: Accuracy Systems, Inc.,

(803) 613-0452 FOXPRO SYSTEMS

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Accuracy enhancement of the Mini 14,

Mini 30, AR15, Rem. 7400 and 742, and the

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Products: Light, compact, rugged electronic callers.

tern. Excellent design and remote control. Sounds are changeable and recordable on sounds, depending on model. FoxPro has

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