# LOGUN INSTRUCTION MANUAL





## SERVICE RECORD

Next service Date	Date serviced	Serviced by:
1	1	1

LOGUN INSTRUCTION MANUAL

1

## CONTENTS

The Logun Standard	3
The Making of a Legend	4
Section 1 The Golden Rules of Safe Shooting	5
Section 2 Getting Started	6
Section 3 Shooting to the Max	14
Section 4 Looking after Your Logun Rifle	18
Section 5 Adjusting The Trigger	20
Section6 Troubleshooting	22

2



PROBLEM: Rifle inaccurate. POSSIBLE DIAGNOSIS 1: Silencer/muzzlebreak not properly fixed.

ACTION: Ensure silencer/muzzlebreak correctly tightened-down - do not use excessive pressure.

POSSIBLE DIAGNOSIS 2: Silencer/muzzlebreak adapter is touching barrel mounting bracket. ACTION: Loosen both fixing screws on silencer adapter and move adapter very slightly away from barrel mounting bracket. Ideally, there

should be a gap between the barrel mounting bracket and silencer adapter that just accommodates the thickness of the test target supplied

with your rifle POSSIBLE DIAGNOSIS 3: Scope fixings or stock holt loose.

ACTION: Check all fixing screws for correct tightness. Do not over-tighten. POSSIBLE DIAGNOSIS 4: Use of inferior or unsuitable pellets.



Thank you for choosing a Logun Rifle. It should give a lifetime of accurate and dependable service. In the unlikely event that you experience any problems then please contact: Simmons (UK) on 01902 722 144.

#### LOCUE

## Section 6

## Troubleshooting

Should your Logun Rifle show signs of malfunction or reduced performance, please consult the following diagnosis chart before calling Simmons (IR) on 01907 272 144.

## PROBLEM: Air leaks audibly from filler valve.

POSSIBLE DIAGNOSIS: Contamination (dirt or grit) preventing closure of

ACTION: Fill the rifle with air as slowly as possible. The incoming air can often dislodge the contamination, which is expelled by firing. Re-fill the rifle several times and if problem persists phone Simmons (UK) on 01902

#### PROBLEM: Pellets igmmed in magazine.

POSSIBLE DIAGNOSIS 1: Pointed, or deformed pellets used.
ACTION: Re-load magazine with pellets recommended.

POSSIBLE DIAGNOSIS 2: Pellet-length adjuster requires re-setting. ACTION: Call Simmons (UK) on 0 1902 722 144

#### . HON. Cult Sillillions (OK) OH 0 1902 / 22

POSSIBLE DIAGNOSIS 1: Trigger let-off set too lightly.

ACTION: Refer to trigger adjustment guide on page (\*) of this manual. POSSIBLE DIAGNOSIS 2: Trigger blade caught on trigger guard, with trigger in 'fired' position.

ACTION: Adjust angle of trigger blade, ensuring blade movement is not impaired by trigger guard.

PROBLEM: Rifle will not cock.

PROBLEM: Rifle low on power.

POSSIBLE DIAGNOSIS: Rifle contains too little or too much air.

ACTION: Check that rifle is filled to correct working pressure of 2,500.

ACTION: Check that rifle is filled to correct working pressure of 2,300 p.s.i. If rifle has been over-filled, 'dry-fire' it until the air-reservoir pressure has normalized. If power still low, consult Simmons (UK) on 0.1902.722.144.

## The Logun Standard

A Logun Rifle is built like no other air gun, because it's built to The Logun Standard. Whitst many modern air rifles offer fine accuracy, efficient handling and a high standard of workmanship, none displays all of these qualities with the effortless superiority of a Logun Rifle.

Along with a technical accomplishment unrivaled within the airgun industry today, this rife has class – it's as simple as that. Each one is not just hand built, but individually crafted, with every component fine-tuned for peak performance and total reliability.

Although the Legum Standard is uncompromising in its demand for perfection, every rife made to that Standard has an identity oil of its own. The unique degree of the control perfection of the control perfect is control to the control perfect in the control perfect is control perfect in the control

Your Logun Rifle will look, feel, handle and shoot like no other rifle ever made. Only another Logun Rifle will ever match its performance and quality, because, only Logun rifles are made to conform to - The Logun Standard.

#### LOCUNI

## The Making Of A Legend

The Logun Rifle of today has evolved, through countless hours of research, testing and refinement, into the finest air rifle of its kind. From a prototype designed and built by Jim Hogan in his Rotherman, England workshop, came an air-powered sporting arm capable of one-hote aroung at ranges of 51 works and howand.

This incredible performance is delivered so effortlessity and so quietly, that new industry standards were set upon the Logun Rifle's launch in 1998. Since then, the efficiency of this ground breaking rifle has been increased still further and it is the intention of its makers that this process of refinement will never cope.

Each component of the Loqui rifle is finished and assembled by hand. These components are then matched and calibrated with the consilluent parts that form an airquin of supreme quality. Now testing can begin, followed by data analysis, more testing and stage after stage of furning to the support of the support of the support of the support of the Loqui Rifle can, will it be forwarded for the final series of quality control evaluations.

So begins a sporting association between man and machine never before seen in the airgui industry. Part of that association is formed here, as you study this manual. By doing so, you will understand and appreciate just how much craftsmanship and pure unmaking expertise is invested in your rifle. You'll appreciate, too, the need to play your part in the process of soorting excellerice only a Louan Rifle can provide.

Richard North - International (World) F.T. airgun champion.

#### TO INCREASE / DECREASE LET-OFF PRESSURE

Loosen locking nut from adjuster (A), using a small spanner. Using a hex-wrench (alan key), turn adjuster (A) clockwise to increase pull-weight land counter-clockwise to decrease pull-weight. Do not adjust trigger to an excessively light degree, or rifle will fail to cock. This is a designed spley feature of your rifle.

When desired trigger setting is reached, secure adjuster (A) by retightening locking nut.

#### TO INCREASE / DECREASE I FNOTH OF FIRST STAGE

Loosen locking nut from adjuster (B), using a small spanner. Use a hex-wrench (alan key) to turn adjuster (B) clockwise to reduce length of first stage and counter-clockwise to increase length of first stage. When desired settling is reached, secure adjuster (B) by retialhelmia locking nut.

## TO ADJUST ANGLE OF TRIGGER BLADE

There is a useful degree of adjustability within the angle of the trigger blade, but it's essential to ensure that, after adjustment, the movement of the trigger blade is not impaired in any way by the trigger guard. Please check this thoroughly before use.

Slightly loosen securing bolt (C), and twist trigger blade to desired angle.

Ensure trigger blade is free to move smoothly throughout its full range of movement within the trigger guard before relightening securing bolt (C).



NOTE: Never attempt to remove trigger mechanism from the rifle, or remove any of the axis pins.

## Section 5 Adjusting The Trigger

Before it leaves the factory, each Logun Rille will have its trigger adjusted to a side and efficient setting, bifferent shorters prefer different trigger set-ups, and your Logun Rille offers an aimost unlimited range of set-up pollons. However, I would always advise you to later the setting of your rifle's trigger orisy if you really need to. Ptease familiatrize yourself with the properties of the proper

Should this not be the case, and you wish to re-set your rifle's trigger, please refer to the photograph below and follow all instructions carefully:

NOTE THEST CHECK THAT THE BRILE IS UNLOADED AND THAT ITS PELLET MANGAZINE ES ADMYT. A risper or solutionent requires the removed of the stock. This is done by unscrewing the new-headed, single stock fishing bold, which is located on the underside of the fore end just sheed off the trigger quard. There is no need to remove the trigger quard, simply separate the action from the stock offer removed of the stock fixing bold.





## Section 1. The Golden Rules Of Safe Shooting

What makes a great shooler? Is if the ability to bill distant largets with machine—like precision Ps if the sail in greated to perform to the max under any conditions nature can throw at you? Or is if that majoral toler that sets the specified phampion pand from those who mereby compete? Well, great shooters can be all of these things, but first and foremost, they are something for more importent than any of these things, and are something for more important than any of these things, and are something for more important than any of these things, and in the contract of the contract of

Study the golden rules of safe shooting presented below, learn them, remember them and more than any other skill you strive for, practice them each and every time you shoot.

- Never, ever, point a gun at a human being.
   This applies every bit as strongly, whether you think that the gun is loaded or not. For the purposes of range safety, ALL guns should be handled as though loaded at All I times.
- Never, ever point a gun at anything that isn't a safe, legitimate target.
   Again, it is irrelevant whether or not the gun is loaded.
- It is your responsibility to act safely at all times and to ensure that others do the same.

  All shooters must act as range safely officers because range safely is
- EVERYONE'S responsibility.

  4. Study the instructions supplied with your airgun BEFORE using it.
  Learn to operate your airgun safety before attempting to shoot with it.
  Don't be in such a hurry to beain shooting that you innore the most

important aspect of your sport - SAFFTY.

5. Study and practice the rules of range safety, which are:
Never walk onto any shooting range unless you have made certain that it
is safe to do so.

BEFORE you begin shooting, always ensure that your shooting range is secure, and that people, animals and pets cannot stray into your line of fire.

Never leave your airgun loaded, or unattended, or store it in such a way that unauthorized persons can use it.

Always ensure that every pellet you fire remains within the boundaries of the land on which you have permission to shoot. This is a legal, as well as a safety requirement.

Never, ever, point a gun at any target, at any time, and for any reason, unless you are 100% certain that it is safe to do so.

Remember, the above rules are the basics, and many more of them will be in force to cover different shooting situations. It is your responsibility to learn and practice any and all safety rules that pertain to your shooting.

shooting.

Ignorance is no excuse and nealigence is inexcusable.

## ALWAYS THINK SAFETY!

## Section 2 Getting Started

With such a high quality rifle at your disposal, you're bound to want to get out and start shooting right away. That's understandable and you can bet that I was just as excited as you are now when I got my first Logun Rifle. That's why helping you to experience the thrill of shooting a Logun in the shortest time possible, is what this section of the manual is all about.

Study the step—by-step instructions below, and you'll be up and running with your new Loop millelia in amotion of minutes. Once you've familiations and you may be up any of the student of your new fillel (and you've calmed down abl, id ned riscovering just how well these firels shootly you can then study the rest of this manual in detail, using the information it conclinates for elian you new-found expertise even further. For move, read the starter instructions, then go turn yourself on to what real shooting can do for an aircumant.

rifle, all of which are designed to immediately reveal evidence of tampering. Basically, if you break the 'no lampering' clause of your guarantee, then the warranty on your Logun will become invalid. All Logun owners will be extremely well looked after under the terms of their aurantee. so please don't break those terms. OK?

#### LUBRICATION

Logun Rilles are designed to run virtually maintenance—free between their 2 year factory service intervals. The use of lubricating deliets, as obvised within the Petel Preparation section contained in Section 3 of this manual, will ensure that the multi-sol petel magazine yealer remains perfectly lubricated. Should this component become dry of lubrication, simply apply one drop of a proprietary qual (in a stillage oil) to the petel decided the section of the section

Similarly, if the cocking / loading bolt requires lubrication, use a very light smear of thin grease on the rear section of the bolt shaft. The correct arease can be bought at your Loagus stockist.

It is recommended that the trigger mechanism of your rifle remains aslubricated by our factory technicians. Should you experience any problems with this, or any other component of your Logun Rifle, please call Simmons (UK) on 0 1902 722 144.

REMEMBER: Over-lubrication of your rifle can result in the attraction and accumulation of dust and grit. Do NOT over-lubricate any component of this rifle.

## MAINTAINING VOLID LOGIN DIELE'S STOCK

Just rub a few drops of walnut oil, or a similar product, into the stock once a month or so, avoiding over-use of any treatment to prevent build-up.

Do not store your rifle near any heat source, such as a radiation or storage heater, which could dry out the limber and cause cracking of the wood. Also, if your Logun Rifle should become wel, do not attempt to dry it rapidly. Remove the stock from the action fry unscrewing the single stock faining bolt positioned on the underside of the rifle's fore-end, in your consideration of the storage of the rifle's fore-end, in your source when the storage of the rifle's fore-end, in your sounds the storage of the rifle's fore-end, in your soussible and allow the rifle to dry completely at your source transport unexpenditure.

### PHASE 4. WORK ON YOUR HANDLING

Your Logun Rifle is recoilless and perfectly balanced, therefore it doesn't need to be gripped tightly or pulled into your shoulder. This rifle should be guided and supported with a secure, forqiving hold, making sure that whatever shooting stance you forour, is well—balanced and stable. Above all, don't allow muscle tension to build up in your hands, arms or 10 ross. Stav relaxed, keep cold misses.

Also, experiment with different stances. Many top hunters find that the lower center of growth provided by odopling a kneeling or stilling stance greatly increases stability, and accuracy along with it -especially at longer range. If you're not loo sure about the correct use of these positions, get along to a field larged club and learn how to use them to your advantage. That's how It all started for me, and plaining an airgun club still represents the best move any shooter can make - apart from using a Loop milk file of course!

## Section 4 Looking After Your Logun Rifle

Each Logun Rifle is built to provide a lifetime of high-performance service and requires very little in the way of user-maintenance, beyond a wipe-over with an oil-impergnated cloth after every use. In fact, the best way to make certain that your Logun Rifle runs perfectly, is to avoid doing anything to it that may affect it is in built high performance.

Your Logun Rifle is built almost exclusively from aircraft grade aluminium and stainless steet, which all but eliminates the problems with rust suffered by many other airguns. However, wiping over all metal surfaces after handling is essential to prevent build-up.

Apart from the occasional removal of the stock, it is vited that you never, est smaller the rife, or alternal party mountaincised modifications or ediplatments to one part of its mechanism. Such obuse of the rife will immediately nearly over quarantee and could irreparably damage your quan. Countless hours of dedicated expertise have been devoted to the development of this rife. - altered or could run for a trainer with the development of this rife - altered or four than it at II or takes with its

The Logun technicians have installed several 'tell-tale' devices within the



#### OUICK-START INSTRUCTIONS

Please Note: Your Logun Rifle requires the fitting of a telescopic sight or similar sightling device before use. Always ensure that the mounts used are sufficiently high to lift the objective bell of the scope clear of the rifle's bergel and action block.

Refer to labeled rifle and parts quide on page (\*)



1. Inspect the contents of the padded quances supplied with your Loquin Rillic.

Apart from the riflie and this manuel, the guncose should also contained quick-filt charqiing adapter, at in of Loquin or Accupell Petiets, as the right of th

 Take the supplied quick-fit charging connector and screw it securely to the air hose of your charging equipment.



 Remove filler valve dust cap. Note: This cap is essential to prevent the ingress of dust and grit and is designed to be a snug fit. To remove, simultaneusly levist and null stepdify.



Before any shooter can use a trigger property, it needs to be set up to match his or her preference. That's no problem for Logun Rifle owners. Simply follow the simple instructions on page (\*) of this manual.

With the trigger adjusted to your requirements, it's time to practice using it correctly. Before you do that, do yourself haupefewour and replace the phrase's pulling the trigger, with the proper phrase, which is 'squeezing' the trigger. I will be proper phrase, which is 'squeezing' however, a characteristic property and the trigger. I have been so crude that they needed a hethy sull to make them work. Address and your perceision machines, with the needs make them work. Address and you will be needed to the property of t

#### THE TRIGGER SECULENCE IN ACTION

- With the target in your sights, position your trigger finger on the lower section of the trigger blade.
- Smoothly take up the trigger's first pressure, allowing the trigger to come to rest at its second stage.
- Finalize your aim, then, without making a conscious effort, increase finger-pressure on the trigger until the ritle fires...hold on - possibly the most important part of the sequence has yet to be executed.
- 4. After the rifle fires STAY ON AM UNTIL THE PELLET STRIKES. This letchingue is known as follow-through, and lican nofem mark the difference between good shooter and a great lone. Most great sporturens, each as optiers, cricketers, introvers, licketers and especially shooters, hove consistent follow-through actions, which ensure that their delivery technique is completed perfectly. As a chooler, your job intri flamibled until the shot lands, 5 you must be remain on dry until that of the control of the perfectly and shooters.
- \* Tip: The best way to develop a consistent follow—through, is to hold the trigger in the 'fire' position until the shot lands, rather than releasing it immediately. Make sure you stay perfectly on aim until the shot strikes, and your shooting will take another gight step towards its full potential.

- When the whole batch of ammo is dry and still warm, turn out the sieve onto a large piece of lint-free cloth, into which a quantity of thick oil engine oil, two-stroke, or even 3-In-One oil is fine has been rubbed.
- 'Roll' the pellets around in the cloth never apply oil directly to the pellets, or you may fill the skirts with oil and unbalance them – until they've all received a 'slick' coaling of lubricant.
- 6. Your pellets are ready and may now be returned to the tin clean it out with a cloth, first, though – and the whole process will have taken but a few minutes.

#### IMPORTANT NOTES

- \* Throughout the preparation process, look for any deformed or bent pellets and discard them.
- \* Don't use penetrating oil to lubricate your pellets, because this can 'creep' into the internal mechanics of your rifle and dissolve the highperformance greases used there.
- \* Always use a padded ammo pouch or tin, or try lining a Logun Pellet tin with foam. This not only protects your pellets from deformation, it stops them rattling noisity. too.
- \* Now that your pellets are lubricated, they will help protect the barrel of your rifle from rust.
- \* Lubricated pellets also ensure that your rifle's multi-shot magazine system retains the perfect amount of Jubrication for smooth operation.

## PHASE 3 CORRECT USE OF THE TRIGGER

When you use the tripper on your Loquin Rille, you upply the final technique to the hot, A poorly used frigore mean to poorly placed shot, so this part of your technique to the part of your technique must match our moto of 'Only The Beet to Good Enough', or everything that was most of the works. It have stope, fully adjustable tripper mechanism on your Loquin Rille is a triumph of mechanical engineering. Sensible, secure, and variable to the needs of every shooter, your tripper will release every shot perfectly.

Assert, I''s un house In ordin is need reformers.

Draw back the locking collar on the quick-fit connector, engage connector with filler valve body, then release locking collar. Push connector forward to ensure secure fit on filler valve.



5. Once the connector is securely filled, your Logun Riflec can be gradually charged with compressed air to a pressure of 2, 500 p.s.i. (This gradually charged with compressed air to a pressure of 2, 500 p.s.i. (This not). Never charge the rifle beyond this pressure. Over-chargin will result in a loss of power from the rifle and could damage the internal seeds.



When charging is complete, 'bleed' the excess air from the hose only and disconnect the quick-fit connector from the rifle by easing back the locking collar and removing the connector.

7. Replace the filler valve dust cap immediately. Never use or store your Logun Rifle without its filler valve dust cap in place. Dirt and grit can contaminate the internal valve system of your rifle, so keep the dust cap on between fills at all times.



8. Screw on the Logun Silencer or muzzle break. Do not use excessive force to secure the silencer - a 'finger-thumb' grip is perfect.



Your Logun Rille was developed to shoot the Logun Pellet. Fact. Logun technicians have tested virtually every type of pellet ovailable, because they, loo, wish to discover the best pellet for their rille. That pellet is the one which has now been branded the Logun Pellet. Experiment with other brands, by all means, (except pointed pellets - these will not feed with the pellet of the pellet of the pellet of the pellet of After all, you wouldn't not pellet on one artifum, would you?

#### PHASE 2. PELLET PREPARATION

Most of the top shooters! know, use prepared pellets. They do so, because prepared pellets are more consistent in liftle, ties likely to jam a multishot magazine, and better for the barrets in which they are used. It's easily possible to prepare a whole it no f500 pellets in less time than it lakes to make a cup of tea, so, all things considered, there's no excuse for not preparing ours neglets. Here's how if oil:

- Take a clean jar and half-fill it with water, to which a squirt of washing-up liquid has been added. Tip a tinful of Logun Pellets into the jar, replace the lid securely, then 'swirt' the pellets around for at least two minutes.
- This washing motion will dislode lead particles and the detergent in the woshing- up liquid will disolve on yre grease or oil file of the pellets during their manufacture. Check out the amount of lead 'swarfe' you have removed from your pellets by reliables the pellets is settle in a corner of removed from your pellets by reliables the pellets is settle in a corner of otherwise become lodged in the rifling of your borrel. Remember Lougn Pellets are made to the highest standard in the industry, and lower qualify pellets will probably condain 3 to 3 times the amount of feed swarfe that you see in the late. The of many recessor will you found to the pellets will probably condain 3 to 3 times the amount of feed swarfe that you see in the late. The of many recessor will you found.
- 2. When the washing process is finished, pour the contents of the jar into a soft, plastic cooking sieve – available very cheaply from any household goods store – and flush the pellets thoroughly under running water until all traces of lead swarfe have been removed.
- With the pellets still in the sieve, take a hairdryer and completely dry
  the pellets using the highest heat setting available. Keep the hairdryer
  close to the pellets, deliberately drying and heating the pellets evenly

## LOCUN

## Section 3 Shooting To The Max

Your Logun Rille is capable of a standard of accuracy that can only be exploited by shooters on the top of their firm. Quite simply, unless you're shooting to the very best of your ability, you now own a quit that will cust-shoot you - and then some. Bort be offered by this statement, because that's how it should be. Ideally, your shooting query should be so good that you never have to evry about 1by performance, teaving you have have haven you have the property about 1by performance, teaving you then dryow have become familiar with the basic function of your Logun Rifle, the next basic in your shooting development concerns you, more than your rifle.

The first thing I want you to accept is the meaning of a motto that my own shooling has olively seen based on. That mottols, 'Only the best is good enough.' Every part of your Logun Rille has been built in accordance with that simple statement, and if say is you to inaminatin that philosophy right through your shooling, By choosing a Logun Rille you've of the day apple through your shooling, By choosing a Logun Rille you've of the day apple in the control of the cont

maintenance regime, all the way to the final fallow-through technique after the shot is on its way. Most of all, that malto must become your manira. It must forge your allitude to shotning and you must accept that to compromise is to accept second—best. You choose the best you can be. Now read what I have to say – and begin to realise your fill notentials.

## PHASE 1. PELLET CHOICE

No matter how expensive a rifle may be, its ultimate effectiveness will always rest on the head of a pellet that costs a few pence. It's the pellet that delivers everything etce you've put into the shot and without quality ammo, you can forget high quality results – and by 'high quality', we always mean the best it's possible to achieve.



9. Before attempting to fill your Logun Rifle's magazine with pellets, take the rifle to a safe shooting range.

Next, with the rifle un-cocked and the muzzle pointing safely at the ground, drow back the spring-loaded pellet probe and lock if fully back into its retaining notch. NOTE Your Loops Rifle will not accept pointed pellets. Altempting to load these will cause a jam. Please use Crosman Premier, Accepted to Loops Pellets. If your choice of pellet is different, then a new slip guage is required - contact your Loops dealer for further information.



Load 2.2, or .177 pellets (depending on your rifle's caliber) nose-fires, into the magazine, before litting the pellet probe and allowing it to lotte the rear of the last pellet loaded. IMFORTANT: Do not allow the pellet probe lot ravel freely under power of its activating spring inside the magazine, either when the magazine is full or empty. This can seriously damage the probe, pellets or both, with a subsequent risk of maltitude.



Also note: There is a Logun method for fast efficient loading. Simply cradle the gun in your left arm (as shown) pointing downwards and leaning slightly backwards. The pellets will now drop into the magazine with ease. We call this "The Logun load!"



10. Your Logun Rifle is now ready to use. After checking that it is safe to shoot, simply lift the cocking / loading bolt, draw it back fully, return it to its closed position and the rifle can be fired. WARNING: Do not cock your Loun byte on this will course a inm.



Repeat the bott-action sequence until all pellets in the Logun Rifle's magazine have been fired. Repeat steps 9 and 10 to carry on shooting.

Note: Depending on the specification of your Logun Rifle - Karbine, Standard or Long Rifle (High Power FAC) – Hill Hineed to be recharged with air after every 50 to 80 shots. Do not shoot the rifle until it is completely enjoy of air, because pellets can become jammed in the rifle's barrel if insufficient air–pressure remains in the rifle to expel the celetic completely.

Should this, or any other, problem occur with your Logun Rifle, please consult the Troubleshooting Section on page (\*) of this manual.

Once you have become familiar with the operation of your Logun Rifle, it's time for you to move up to the next phase in your shooting development.