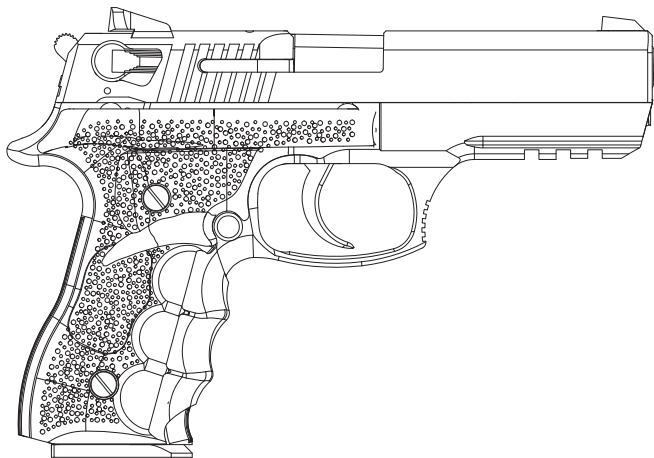


TISAS ZIGANA MODEL PISTOL

OPERATION AND SAFETY MANUAL



Tisas[®]
1993

Download this manual on our website: www.trabzonsilah.com

INDEX

1. GENERAL WARNINGS	3
2. SAFETY GUIDELINES	3
3. BEFORE USING YOUR PISTOL	8
4. PARTS OF THE TISAS ZIGANA MODEL PISTOL	10
5. OVERVIEW OF SAFETY MECHANISMS	11
6. LOADING	12
7. FIRING	13
8. UNLOADING	14
9. DECOCKING THE HAMMER	15
10. TROUBLESHOOTING	16
11. DISASSEMBLY & ASSEMBLY	19
12. CLEANING	20
13. PARTS DESCRIPTION	22
14. EXPLODED VIEW	24
15. WARRANTY	24

1. GENERAL WARNINGS

- Read this user manual carefully before using the product.
- Do not use any firearm before reading the safety rules and maintenance instructions.
- Obey the laws in your country referring to firearms purchasing, carrying and use.

All firearms are dangerous. Tisas not responsible for any damage that results from the improper use of your firearm.

2. ESSENTIAL FIREARM SAFETY GUIDELINES

These firearm safety guidelines have been prepared by Tisas, based upon currently available information. They are provided to you as a courtesy and in the interest of furthering safety. These guidelines are not comprehensive, nor do they modify or replace rules, recommendations, standards, or regulations made by legal authorities or manufacturers.

As a responsible firearms supplier, Tisas believes that no issue is more important than firearm safety. We urge you to learn and practice the following guidelines and to make them your habit when handling firearms. This will help ensure safe handling of your firearm(s) and help prevent accidents. We also encourage you to complete an approved firearms safety-training course.

THE 3 CARDINAL FIREARMS SAFETY RULES

1. Always handle a firearm as if it is loaded

Even if you determine that a firearm is unloaded, always, always, always handle it like it is loaded. When you handle a firearm, the first thing you should do (with the firearm pointed in a safe direction), is open the action to identify whether the firearm is loaded. If you do not know how to open the action, do not handle the firearm. And remember, removing a magazine alone does not make a firearm unloaded, as there may be a round in the chamber.

2. Always keep your finger out of the trigger guard and off the trigger until you are ready to shoot your target

Do not place your finger inside the trigger guard until you have placed a firearm's sights on your target and have decided to fire. The best place to rest your finger in the meantime is above the trigger guard along the frame. By waiting until you are aimed at your target, if the trigger were to be pressed, you will guarantee that a shot will travel safely in the direction of your intended target.

3. Always keep a firearm pointed in a safe direction, before and beyond your target

It is important to identify your actual target, but it is just as important to know what lies past and before your target. A safe direction is any direction where an unintentional discharge or miss will not cause injury or damage. In determining a safe direction, remember that

a round can ricochet off an object like a floor, water or wall, or go through walls, floors, ceilings, and windows. Whether in a house or outdoors, the safest direction is the muzzle angled down toward the floor. And never point at or cross the muzzle of a firearm (loaded or unloaded) at any part of any person's body---the laser rule!

ADDITIONAL FIREARMS AND AMMUNITION RULES

ALWAYS KEEP CHILDREN AND OTHERS SAFE BY STORING FIREARMS SECURE AND AWAY FROM UNAUTHORIZED PERSONS

You should always store firearms and ammunition out of the sight and reach of children and anyone else who is not an intended user or not physically or mentally capable of handling and using them properly and safely. Store firearms in a safe storage place - ideally, one you can lock.

CAREFULLY READ THE ENTIRE INSTRUCTION MANUAL THAT COMES WITH YOUR FIREARM

You should only use a firearm if you fully understand how to safely operate it. All firearms come with an instruction manual created by the manufacturer. If the firearm does not come with an instruction manual, contact the manufacturer directly and request one.

ALWAYS DETERMINE THAT THE FIREARM IS SAFE TO OPERATE

Before shooting, make sure the firearm is in good working order, that the barrel is clear, and that the firearm is safe to operate. This is especially important when handling a firearm that has been stored or unused for a long period of time.

ALWAYS USE CORRECT AMMUNITION

Never use improper or incorrect ammunition. Only use ammunition that is recommended by the firearm manufacturer the caliber of your firearm. Most firearms have the caliber engraved or stamped on the barrel. Your ammunition should have the exact same caliber. If you use the incorrect ammunition, it can destroy a firearm and cause serious injury. Additionally, it voids your warranty.

WHEN CLEANING A FIREARM, MAKE SURE IT IS NOT LOADED

One of the most common statements following an accidental discharge is: "I was cleaning the firearm and it went off!" When you clean a firearm, make sure it is not loaded. You should keep the ammunition in another room until you have finished cleaning the firearm and are ready to reload.

NEVER USE FIREARMS WHILE USING DRUGS OR ALCOHOL

When you handle firearms, your judgment must NOT be impaired. You should NEVER handle firearms while under the influence of alcohol, illegal drugs or while using legal prescription medication that can make you tired or affect your senses, reflexes, or judgment.

USE EYE AND EAR PROTECTION

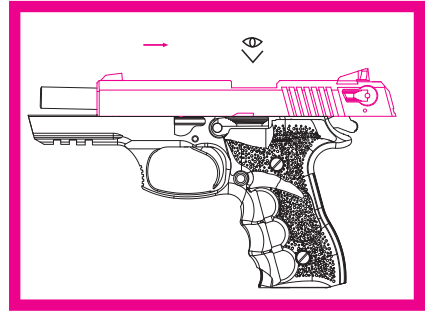
Always wear proper eye and ear protection while shooting firearms; ear protection will help prevent hearing loss from the extreme decibel level of gunfire, and eye protection will help prevent ejection gases, ricocheted objects, casings, or any foreign objects from damaging your eyes. Be smart, be safe.

3. BEFORE USING YOUR PISTOL

Your Tisas pistol is semi-automatic, meaning that it is automatically reloaded and ready to fire again after each shot.

Your Tisas pistol can fire even without a magazine inserted. For that reason, ejecting the magazine or inserting an empty magazine does not make your pistol safe. Rather, to ensure your pistol is safe, you must eject the magazine, empty the chamber, and then visually inspect the chamber to ensure no cartridge or other obstruction is present.

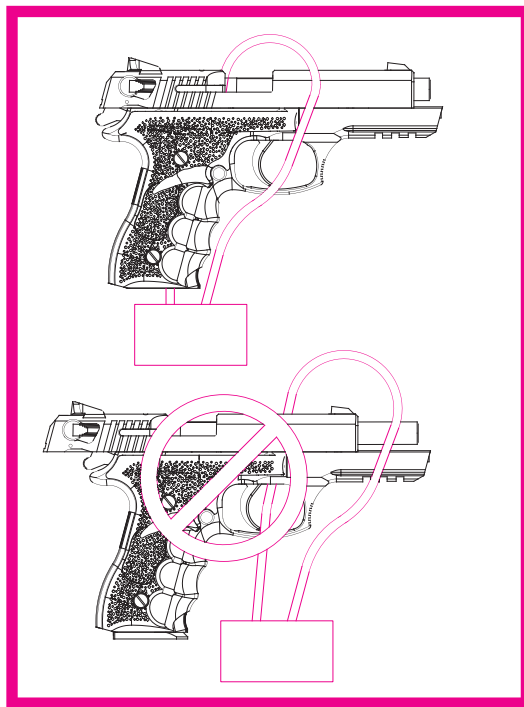
Possess, carry and use your pistol in accordance with all relevant local, state, and federal laws. If you purchased this firearm secondhand, have it checked by a qualified armorer or gunsmith to ensure it is safe to operate.



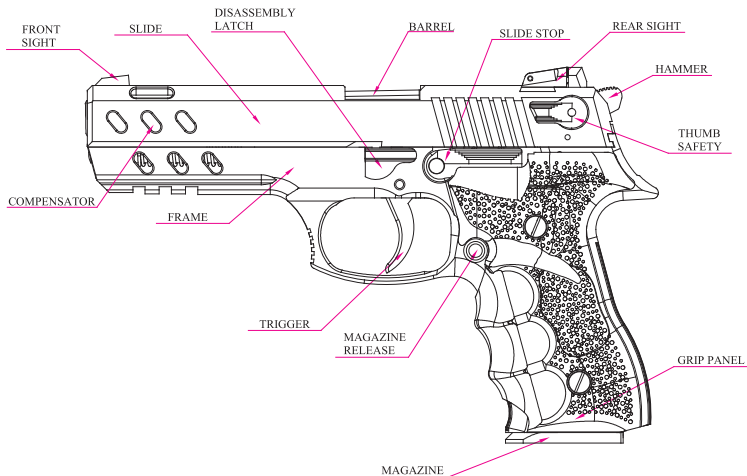
ATTENTION: Keep your firearm in a safe place where children cannot access it. Always store your firearm unloaded and store the key to the lock separately from the ammunition.



IMPORTANT: When not in use, your firearm should be secured with a lock to prevent unauthorized use. A cable lock, such as shown here must be used to prevent the firearm from locking into battery to prevent use.



4. PARTS OF THE TISAS ZIGANA MODEL PISTOL



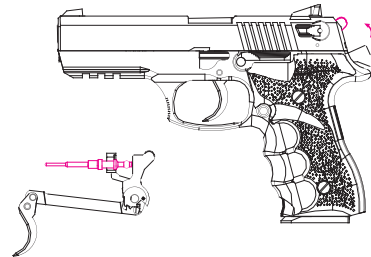
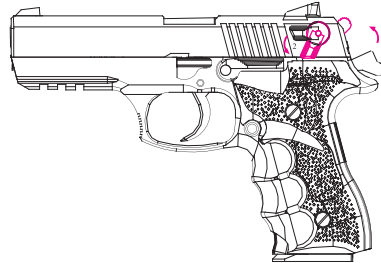
Zigana Sport, Zigana KC and Zigana FC have compensators

5. OVERVIEW OF SAFETY MECHANISMS

Your Tisas pistol is equipped with an automatic firing pin safety lock. The firing pin remains locked during decocking by the automatic firing pin safety device.

The thumb safety (2) can be engaged and disengaged whether the hammer (1) is in the cocked position or not. If you close the thumb safety when the hammer is cocked, the hammer will decock and move to the forward position.

The hammer is engaged when the hammer is cocked. When the hammer is not cocked, this safety cannot be engaged, however, it can be engaged if the hammer is half-cocked. When the hammer safety is engaged, the hammer will not touch the firing pin.



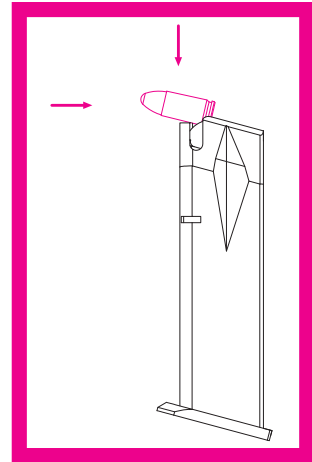
6. LOADING

After making sure that your pistol is clean, ensure that the ammunition is clean, dry and of the correct caliber and type, Hold the magazine with one hand and insert the ammunition cartridges into the magazine with the other hand until the magazine is fully loaded.

Insert the magazine into the pistol, then retract the slide and release it. At this point, the chamber is loaded and your pistol is ready to fire.

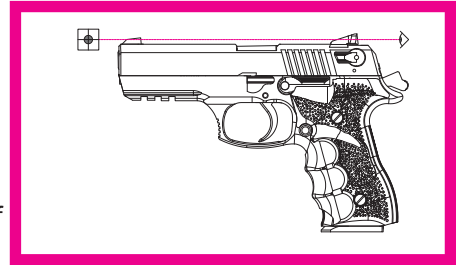


IMPORTANT: Always keep your finger off the trigger while loading your pistol, and always point the barrel in a safe direction.



7. FIRING

- Be aware of the danger posed by emission of pressurized powder gases during firing (ported barrel models).
- Point the pistol at your intended target and assume a proper shooting stance.
- Aim the pistol precisely at your intended point of impact within the larger target.
- When you are ready to fire, place your finger on the trigger and lightly squeeze the trigger. The pistol will fire one cartridge, and then ready itself to fire a subsequent cartridge.
- Squeeze the trigger again to fire this subsequent cartridge, and repeat this procedure until you wish to stop firing or until the magazine is empty, at which point the slide will lock in its retracted position.



IMPORTANT: If you are untrained or inexperienced, and have a misfire, a malfunction, or in the event the pistol stops firing before the magazine is empty, unload the pistol and utilize the assistance of a qualified firearms instructor before attempting to operate your Tisas pistol.

8. UNLOADING

When the last cartridge in the magazine is fired, the slide locks to the rear position. To unload from this point:

- Point the barrel in a safe direction.
- Eject the magazine by pressing the magazine release lever.
- Pull the slide to the rear and visually inspect the chamber to confirm that it is empty.
- Slowly release the slide to its forward position.

If you wish to unload before the magazine has been emptied, when the slide is in a forward position, or when the hammer is in the fully-cocked position:

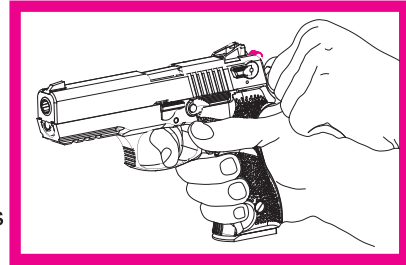
- Point the barrel in a safe direction and keep your finger off the trigger.
- Eject the magazine by pressing the magazine release lever.
- Pull the slide to the rear and visually inspect the chamber to confirm that it is empty.
- Release the hammer by following the procedure for that specific action.



ATTENTION: In order to ensure that your pistol is unloaded, eject the magazine and then visually inspect the chamber by pulling the slide rearward.

9. DECOKING THE HAMMER

- Point the barrel in a safe direction and remove the magazine.
- Visually inspect the chamber to confirm that it is empty.
- Insert an empty magazine.
- Grip the pistol properly with your dominant hand as if preparing to fire.
- Grasp the hammer between the thumb and index finger of your other hand.
- Squeeze the trigger and slowly push the hammer until the hammer safety is engaged.
- Do not release the hammer until the hammer fits into its half-cocked position.



ATTENTION: Always store and carry your pistol with its chamber empty and its hammer safety engaged. When your pistol is loaded, do not try to release the hammer, as doing so may fire your pistol and cause injury or death to yourself or others. Also, release the hammer slowly by grasping it firmly between two fingers. Fast release of the hammer can result in damage to the firing pin.

10. TROUBLESHOOTING



CAUTION: When troubleshooting, always safely unload your firearm while pointing in a safe direction.

Slide will not lock forward into battery:

- Do not attempt to manually force the slide into battery.
- Point your barrel in a safe direction.
- Eject the magazine.
- Retract the slide to facilitate extraction and ejection of the chambered cartridge.
- If the cartridge does not extract and eject, lock the slide in its rear position.
- Inspect the cartridge and carefully attempt manual extraction/ejection. If the cartridge cannot be extracted/ejected, seek the assistance of a qualified armorer or gunsmith.



ANTETTION: This problem may be the result of a dirty firearm, incorrect ammunition, or an incorrect magazine. Do not attempt manual extraction/ejection of a severely impounded cartridge, as doing so may result in a serious accident and/or injury.

Squib load, inadequate charge in cartridge:

- This can be recognized by a weak report when fired, possibly a light recoil of the operation and a failed ejection.
- Stop firing immediately.
- Unload your firearm in a safe manner.
- Retract and lock the slide to the rear and inspect both the chamber and the barrel to determine whether or not they are obstructed.
- If an obstruction is present, keep your pistol pointed in a safe direction and obtain assistance from a qualified armorer or gunsmith.



IMPORTANT: If the chamber/barrel becomes obstructed and you continue to fire, the pistol may explode, resulting in serious injury or death to yourself or others.

Troubleshooting other malfunctions:

- Replace any damaged magazines or ammunition cartridges.
- Inspect and clean the chamber.
- Clean the magazine.
- Clean the thumb safety selector and the cartridge ramp.
- If after taking these steps your pistol continues to malfunction, obtain assistance from a qualified armorer or gunsmith.



ATTENTION: Carry out all troubleshooting operations in a safe location with the firearm pointed in a safe direction.



ATTENTION: Cleaning solvent is a flammable material and should be kept away from a flame.

11. DISASSEMBLY and ASSEMBLY

Disassembly

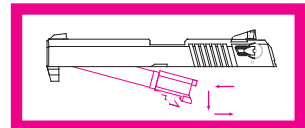
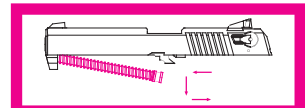
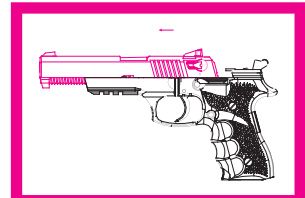
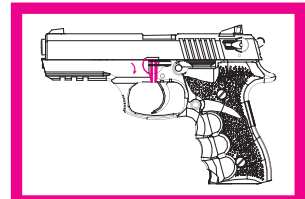
- Point the barrel in a safe direction and remove the magazine.
- Empty the chamber or confirm that it is already empty by retracting and then slowly releasing the slide.
- Slightly push the slide backwards and rotate the takedown lever 90° clockwise.
- Push the slide forward and remove it.
- Remove the recoil spring and the barrel.



NOTE: Keep your hand on the recoil spring as it is under pressure. If you lose your grip, the spring may eject and could lead to injury.

Assembly

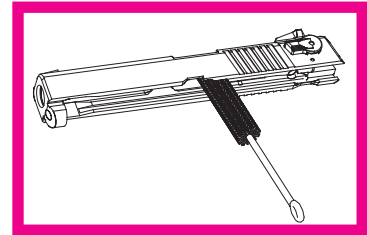
- Follow the steps for disassembly in reverse order.



12. CLEANING

Materials needed for cleaning:

- Solvent
- Gun oil
- Cleaning cloth
- Brush
- Ramrod



WARNING: Wear protective goggles when using solvent.

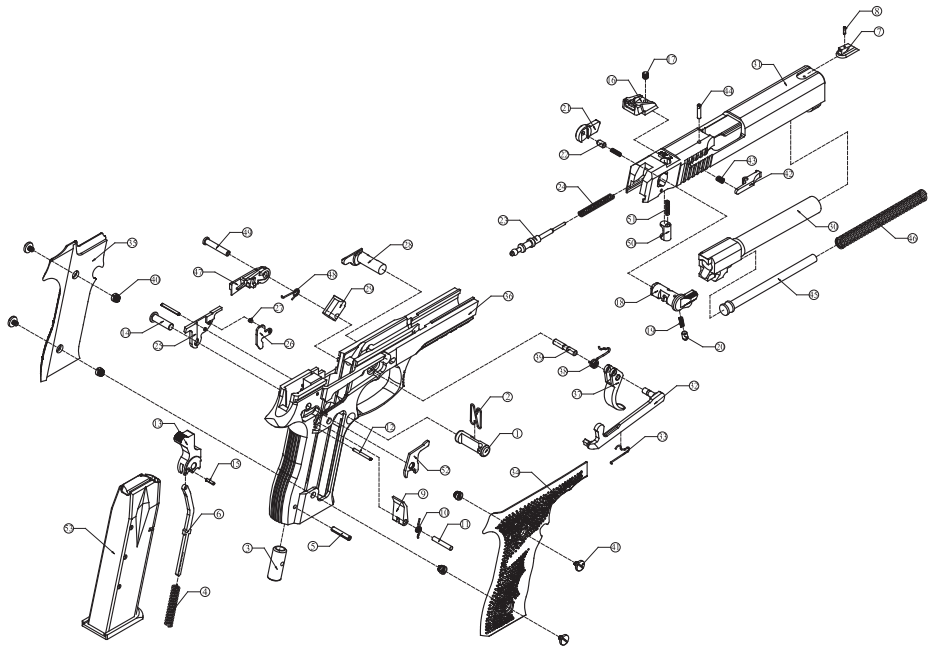
- Remove the magazine.
- Extract/eject any chambered round and confirm that the chamber is clear.
- Disassemble the firearm.
- Remove the grip panels if you will use solvent to clean the frame or other parts close to the frame (do not clean the grip panels with solvent and do not lubricate them).
- Wipe dirty surfaces, parts, slide, channels and inside the barrel with solvent using brush.
- Do not use brush from both ends of the barrel, clean from the chamber end only. It is a best practice to not allow the brush to abrade the crown of the muzzle on any gun.

- Wipe down all surfaces to remove dirt and solvent.
- Lightly lubricate all external (except for the grip panels) and internal parts with gun oil.
- Dry outer surfaces of the firearm with a clean cloth.
- Remove any excess lubricant from the internal operating parts of the firearm.
- Reassemble the firearm.
- Retract and release the slide and operate the safety mechanism to ensure proper functioning.

ZIGANA PARTS DESCRIPTION

NO.	PARTS DESCRIPTION	CODE	NO.	PARTS DESCRIPTION	CODE
1	MAGAZINE CATCH	1	28	BARREL CATCH LOCK	28
2	MAGAZINE CATCH SPRING	1.01	29	BARREL SUPPORT	30
3	HAMMER STRUT	2.	30	BARREL	31
4	HAMMER STRUT SPRING	2.01	31	SLIDE	32
5	HAMMER STRUT CAP PIN	2.02	32	TRIGGER BAR	33
6	HAMMER STRUT	2.03	33	TRIGGER BAR SPRING	33.01
7	FRONT SIGHT	3	34	RIGHT GRIP	35
8	FRONT SIGHT PIN	3.03	35	LEFT GRIP	35A
9	SEAR	10	36	FRAME	40
10	SEAR SPRING	10.01	37	TRIGGER	42
11	SEAR PIN	10.02	38	TRIGGER AND BARREL CATCH SPRING	42.01
12	SEAR SPRING AND EJECTOR PIN	10.04	39	TRIGGER PIN	42.03
13	HAMMER	11	40	GRIP SCREW BUSHING	43
14	HAMMER PIN	11.01	41	GRIP SCREW	43A
15	HAMMER STRUT CAP PIN	11.02	42	EXTRACTOR	47
16	REAR SIGHT	16	43	EXTRACTOR SPRING	47.01
17	REAR SIGHT SCREW	16A	44	EXTRACTOR PIN	47.02
18	SAFETY LATCH, RIGHT	18	45	RECOIL SPRING GUIDE	55
19	THUMB SAFETY PLUNGER SPRING LEFT & RIGHT	18.01	46	RECOIL SPRING	55.01
20	THUMB SAFETY PLUNGER, RIGHT	18.02	47	SLIDE STOP	56
21	SAFETY LATCH, LEFT	18A	48	SLIDE STOP SPRING	56.01
22	SAFETY LATCH PLUNGER, LEFT	18A.01	49	SLIDE STOP PIN	56.02
23	FIRING PIN	21	50	FIRING PIN SAFETY BLOCK	67
24	FIRING PIN SPRING	21.01	51	FIRING PIN SAFETY BLOCK PIN	67.01
25	EJECTOR	24	52	FIRING PIN LOCK PLUNGER LEVER	70
26	SEAR DISCONNECTOR	25	53	MAGAZINE	800
27	SEAR DISCONNECTOR PIN	25.01			

ZIGANA EXPLODED VIEW





Tisas guarantees that the weapons (pistols) manufactured by TISAS have no faults in terms of material and workmanship. This warranty shall be granted for only the original owner of the pistol, and the original owner of the pistol may benefit from such warranty within one (1) year starting from the sale of the pistol against an invoice. In case of a failure of a pistol manufactured by Tisas and covered by the warranty within the warranty term, Tisas guarantees to eliminate such failure or fault with no charge provided that such failure is notified in writing.

This warranty provided by Tisas shall be exclusive and shall supersede all other express or implied statements, undertakings and promises. Warranty included herein shall not cover normal wear or tear of any part including metal, wooden, plastic, rubber or any other material. Unauthorized repair and/or modifications, damaged weapon (unintentional or otherwise) or firing with an obstacle within the barrel or failure to carry out reasonable or necessary maintenance will result in invalidity of this warranty.

In case of a failure during the warranty term please contact the seller from which you bought your pistol. The seller will facilitate provision of a solution by forwarding such claim to authorized service.

This warranty shall, in no case, cover the following types of repairs:

1. Pistols damaged due to unreasonable use, rust, improper packaging or handling during return (transfer) and pistols already damaged or display products.
2. Failure or defects due to use of a part on or modification of the pistol by third persons.

Tisas shall have the right to examine the product before carrying out any correction under this warranty.

PISTOLS are classified as FIREARM. Therefore, pistols are sold under a special understanding that Tisas has no responsibility in terms of safe use or re-sale of them in accordance with the laws and regulations.

Tisas, in no case, shall be held responsible, in part or in full, for the following faults under the warranty:

- (1) Animo felonico or faulty firing;
- (2) Improper or careless handling;
- (3) Unauthorized modifications;
- (4) Faulty, improper, hand-filled or re-filled ammunition;
- (5) Negligence;
- (6) Rust or oxidation due to failure to maintain;
- (7) Use of ammunition not suitable for the pistol;
- (8) Transport of the pistol which is not in accordance with the laws or regulations;
- (9) Failures arising out of act in violation of maintenance, use and warranty instructions provided to the buyer of the pistol in the course of sale;
- (10) Tisas shall not be held responsible for physical injury, death or material damage or any pecuniary or non-pecuniary damage to third persons, which is out of our direct or immediate control. Such limitation shall be valid even the said responsibility is claimed based on any agreement, act or omission or absolute responsibility (including not providing warnings) or other models.

Tisas, in no case, shall be hold responsible nor shall be responsible for any direct, conditional, special or indirect damage due to any economic loss, injury, death or material damage arising out of or in connection with omission, neglecting of this warranty terms or ownership or use of the pistol, acting in violation of instructions provided in this manual, dangerous handling, failure to carry out necessary maintenance activities, unauthorized replacement of its parts, manipulation of internal parts, modification of the pistol, acting in violation of instructions written in the laws and regulations or other maintenance, use or warranty manuals



Factory

Organize Sanayi Bölgesi 61900 Arsin - TRABZON / TURKEY Tel.: +90 462 711 10 80

Foreign Trade Department

De-gol Cad. 11 / 2 Tandoğan - ANKARA / TURKEY Tel.: +90 312 213 75 09