

# OPERATING INSTRUCTION MANUAL



MODELS HP22 & HP22A  
HP25 & HP25A

# PHOENIX ARMS

# PHOENIX ARMS® DELUXE RANGE KIT

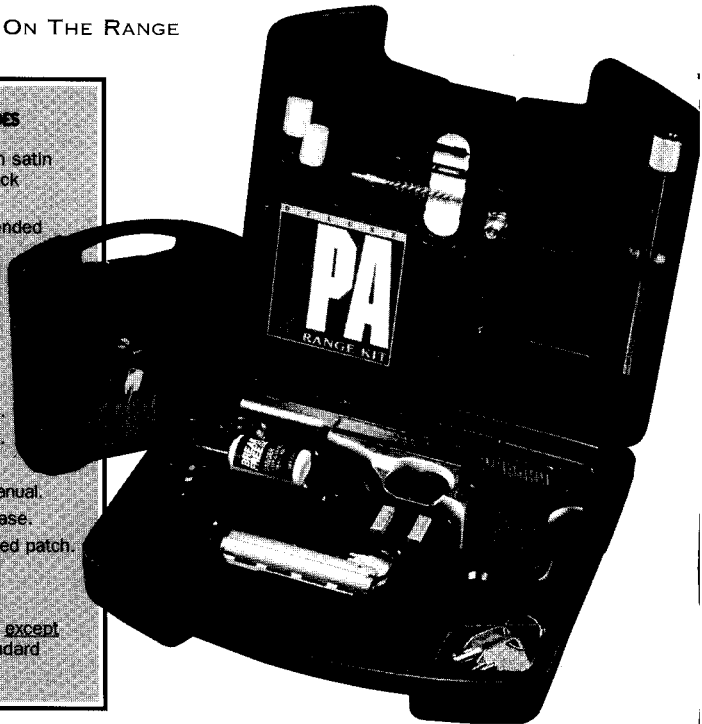
AT HOME ON THE RANGE

## HP DELUXE RANGE KIT INCLUDES

- HP22A Sport/Target Pistol — in satin nickel or polished blue, with black checkered grips.
- Standard 3-inch barrel and extended 5-inch vent-rib target barrel.
- Standard 10-round magazine and extended magazine with integrated grip.
- Exclusive HP pistol lock keyed to match the locking transport case.
- Cleaning rod, tips, and patches.
- Bottle of Break Free® CLP gun oil.
- Firearms safety pamphlet.
- Warranty card & HP Instruction Manual.
- High-impact locking transport case.
- Official Phoenix Arms embroidered patch.

## HP RANGE KIT INCLUDES

- You get everything listed above except the standard 3" barrel and standard magazine.



# PURSUANT TO STATE OF CALIFORNIA

P.C. 12088.6



CHILDREN ARE ATTRACTED TO AND CAN OPERATE FIREARMS THAT CAN CAUSE SEVERE INJURIES OR DEATH. PREVENT CHILD ACCESS BY ALWAYS KEEPING GUNS LOCKED AWAY AND UNLOADED WHEN NOT IN USE. IF YOU KEEP A LOADED FIREARM WHERE A CHILD OBTAINS AND IMPROPERLY USES IT, YOU MAY BE FINED OR SENT TO PRISON.



A LOS NIÑOS LOS ATRAEN LAS ARMAS DE FUEGO Y LAS PUEDEN HACER FUNCIONAR. ELLOS PUEDEN CAUSARSE LESIONES GRAVES Y LA MUERTE. EVITE QUE LOS NIÑOS TENGAN ACCESO A LAS ARMAS DE FUEGO GUARDÀNDOLAS SIEMPRE CON LLAVE Y DESCARGADAS CUANDO NO LAS ESTÈ UTILIZANDO. SI USTED TIENE UN ARMA DE FUEGO CARGADA EN UN LUGAR EN QUE UN NIÑO TIENE ACCESO A ELLA Y LA USA INDEBIDAMENTE, LE PUEDEN DAR UNA MULTA O ENVIARLO A LA CARCEL.



## DANGER

DO NOT STORE, CARRY, DROP, DRIVE A VEHICLE, BICYCLE, WALK OR RUN WITH A LIVE ROUND IN THE CHAMBER. A GUN THAT IS DROPPED, BUMPED OR JARRED WITH A LIVE ROUND IN THE CHAMBER MIGHT ACCIDENTALLY DISCHARGE, EVEN WITH THE SAFETY ON, CAUSING INJURY TO YOU OR SOMEONE ELSE.

ALWAYS WEAR PROPER SHOOTING GLASSES TO PREVENT EYE INJURY FROM FLYING PARTICLES.

ALWAYS USE HEARING PROTECTION TO PREVENT EAR DAMAGE DUE TO REPEATED EXPOSURE TO GUN FIRE NOISE.

DO NOT HANDLE THIS PISTOL WITH OUT FIRST CHECKING CHAMBER FOR LIVE CARTRIDGES, PISTOL SHOULD BE CLEANED FOLLOWING EACH USE. REFER TO CLEANING INSTRUCTIONS IN THIS BOOKLET.

NEVER SHOOT AT A HARD, FLAT SURFACE OR AT THE SURFACE OF WATER. BULLETS CAN RICOCHET CAUSING SERIOUS INJURY TO YOU OR OTHERS.



## **WARNING**

**NEVER DEPEND ON ANY FIREARMS SAFETY DEVICE, USE CAUTION.**

**DO NOT ALTER ANY OF COMPONENTS OF THIS PISTOL.**

**IF THE TRIGGER IS PULLED WHILE THE SAFETY IS IN THE "FIRE" POSITION, THIS PISTOL WILL FIRE ANY CARTRIDGE LEFT IN THE BARREL!**

**AMMUNITION USED IN THIS FIREARM CONTAINS LEAD. THE USE OF THIS AMMUNITION MAY EXPOSE YOU TO LEAD, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, AND REPRODUCTIVE HARM. SHOOTING FULL METAL JACKET AMMUNITION WILL GREATLY REDUCE YOUR EXPOSURE TO LEAD. ALWAYS WASH YOUR HANDS THOROUGHLY AFTER CLEANING FIREARMS OR HANDLING AMMUNITION.**

**NEVER POINT PISTOL AT ANYTHING YOU DO NOT INTEND TO SHOOT, DAMAGE, INJURE OR KILL.**

**NEVER PLACE YOUR FINGER ON THE TRIGGER UNLESS THE PISTOL IS POINTED IN A SAFE DIRECTION AND YOU ARE READY TO SHOOT IT.**



## CAUTION

DO NOT PUT AMMUNITION INTO THIS PISTOL, OR MAGAZINE, UNTIL YOU HAVE READ THESE INSTRUCTIONS AND FULLY UNDERSTAND ALL FUNCTIONS AND SAFE HANDLING OF THIS PISTOL.

DO NOT ATTEMPT TO USE THIS FIREARM UNTIL YOU HAVE COMPLETELY READ THIS MANUAL. A THOROUGH UNDERSTANDING OF THIS PISTOL AND ITS SAFETY SYSTEM IS ABSOLUTELY NECESSARY. NEVER PLACE YOUR FINGER ON THE TRIGGER UNLESS THE PISTOL IS POINTED IN A SAFE DIRECTION AND YOU ARE READY TO SHOOT IT. AFTER REMOVING MAGAZINE (CLIP) FROM PISTOL, ALWAYS LOOK INTO THE CHAMBER END OF THE BARREL FOR ANY REMAINING AMMUNITION. DO NOT STORE FIREARM WITH A CARTRIDGE IN THE BARREL. KEEP OUT OF REACH OF CHILDREN AND THOSE NOT FAMILIAR WITH THE SAFE HANDLING AND OPERATION OF THIS PISTOL.

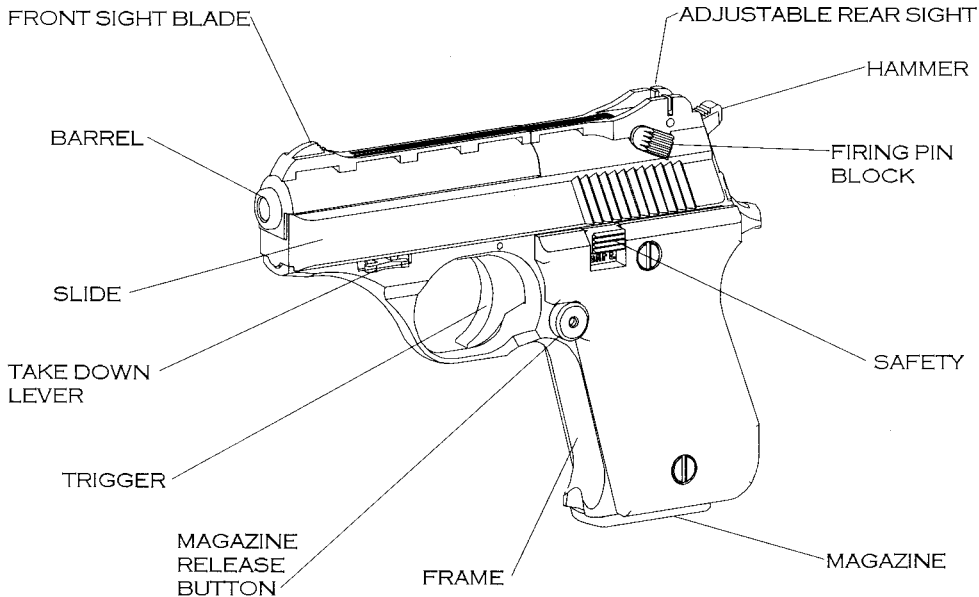
FIREARMS SAFETY IS UP TO YOU. MAKE NO MISTAKE ABOUT IT. ALCOHOL, DRUGS AND GUNS DON'T MIX.

KEEP THIS MANUAL WITH PISTOL WHEN NOT IN USE AND WHEN TRANSFERRING OWNERSHIP.

# TABLE OF CONTENTS

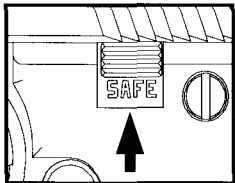
DANGER NOTICE	1
WARNINGS	2
CAUTION NOTICE	3
TABLE OF CONTENTS	4
PISTOL DESCRIPTION	5
MAGAZINE INTERLOCK SAFETY SYSTEM	6
FIRING PIN BLOCK	7
CHECKING THE CHAMBER	8
LOADING & UNLOADING THE MAGAZINE	9
UNLOADING THE PISTOL	10
FIRING OPERATION	11
ADJUSTING SIGHT	12
DISASSEMBLY	13
CLEANING	14
ASSEMBLY	15-16
LOCKING STORAGE & TRANSPORT CASE	17
BARREL & MAGAZINE COMPONENTS	18
FRAME COMPONENTS	19-20
SLIDE COMPONENTS	21
ACCESSORIES/ORDERING INFORMATION	22
LIFETIME WARRANTY	23

# PISTOL DESCRIPTION



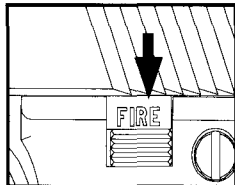
# MAGAZINE INTERLOCK SAFETY

THIS SAFETY IS LOCATED AT THE TOP OF THE LEFT HAND GRIP AND CAN ONLY BE MOVED WHILE THE MAGAZINE IS FULLY INSERTED INTO THE PISTOL.



BY MOVING THE SAFETY UP TO THE TOP OF THE GRIP, THE WORD "SAFE" WILL BE EXPOSED INDICATING THE PISTOL IS IN THE SAFE POSITION. WHILE IN THE "SAFE" POSITION, THE HAMMER CANNOT BE COCKED OR UN-COCKED. ONLY WHEN THE SAFETY IS IN THE "SAFE" POSITION CAN THE MAGAZINE RELEASE BUTTON BE DEPRESSED AND THE MAGAZINE REMOVED. DO NOT MOVE SAFETY WHILE REMOVING MAGAZINE. ONCE THE MAGAZINE IS COMPLETELY REMOVED THE SAFETY IS LOCKED IN

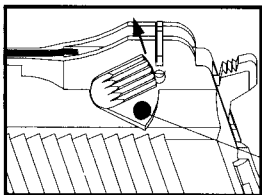
THE "SAFE" POSITION UNTIL THE MAGAZINE IS FULLY REINSERTED INTO THE PISTOL. WHILE THE SAFETY IS IN THIS POSITION THE SLIDE WILL ONLY BE ABLE TO MOVE REARWARD 3/16 OF AN INCH, ENOUGH TO CHECK THE CHAMBER FOR ANY REMAINING AMMUNITION.



BY MOVING THE SAFETY DOWN THE WORD "FIRE" WILL BE EXPOSED, INDICATING THE PISTOL IS IN THE FIRING POSITION. THE MAGAZINE CANNOT BE REMOVED WITH THE SAFETY IN THIS POSITION. WHILE IN THE "FIRE" POSITION THE TRIGGER CAN BE PULLED, THE HAMMER CAN BE COCKED AND UN-COCKED AND THE SLIDE CAN BE CYCLED BACK AND FORTH.

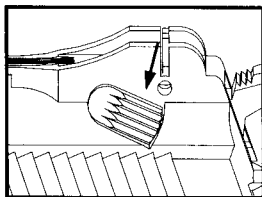
# FIRING PIN BLOCK

THE FIRING PIN BLOCK LEVER IS LOCATED ON THE LEFT SIDE OF THE SLIDE JUST ABOVE THE SERRATED FINGER GRIP.



BY ROTATING THE LEVER UP (COUNTERCLOCKWISE), A RED DOT WILL BE EXPOSED INDICATING THE FIRING PIN IS NOT BLOCKED AND A PULL OF THE TRIGGER AND FORCE OF THE HAMMER STRIKING THE FIRING PIN WILL CAUSE ANY CARTRIDGE IN THE BARREL TO BE FIRED.

RED DOT

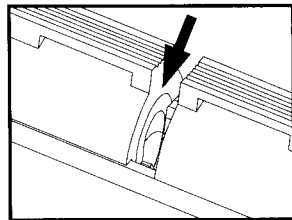
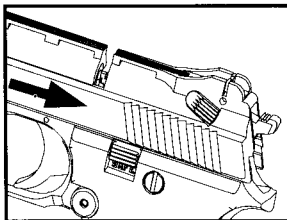
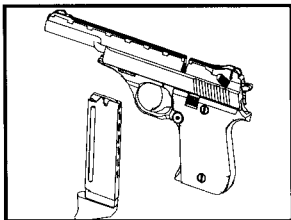


BY ROTATING THE FIRING PIN BLOCK LEVER DOWN (CLOCKWISE) AND COVERING THE RED DOT, THE FIRING PIN IS BLOCKED AND RESTRICTED FROM STRIKING A CARTRIDGE IN THE CHAMBER. ONLY WHILE IN THIS POSITION SHOULD ANY ATTEMPT BE MADE TO RELEASE HAMMER FROM FIRING POSITION. ALWAYS POINT PISTOL IN A SAFE DIRECTION, WITH THUMB FIRMLY ON HAMMER SPUR, PULL TRIGGER AND SLOWLY MOVE HAMMER TO ITS FORWARD POSITION. DO NOT DRY FIRE THIS PISTOL.

**WARNING:** IF HAMMER IS CONTINUALLY FIRED AGAINST PIN BLOCK IN THE BLOCKED POSITION, PIN BLOCK MAY BECOME DAMAGED AND **NOT PREVENT** CARTRIDGE IN CHAMBER FROM FIRING.

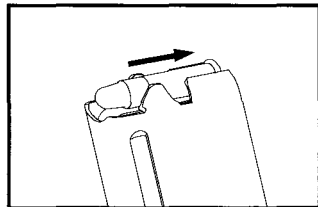
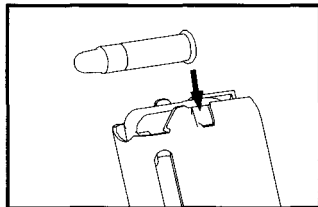
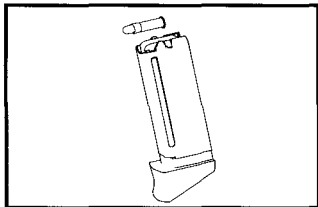
# CHECKING THE CHAMBER

WHENEVER PICKING UP ANY FIREARM, OR BEFORE STORING ANY FIREARM IT IS IMPORTANT TO CHECK THE CHAMBER FOR ANY LIVE ROUNDS. NEVER PLACE YOUR FINGER ON THE TRIGGER WHEN CHECKING THE CHAMBER. PLACE FIRING PIN BLOCK IN THE DOWNWARD POSITION COVERING THE RED DOT. PLACE THE MAGAZINE INTERLOCK SAFETY IN THE "SAFE" POSITION AND REMOVE MAGAZINE BY DEPRESSING MAGAZINE RELEASE BUTTON AND COMPLETELY REMOVE MAGAZINE. PULL SLIDE REWARD, 3/16 OF AN INCH IS AS FAR AS IT WILL BE ALLOWED TO GO WITH THE SAFETY IN THE "SAFE" POSITION. VISUALLY CHECK CHAMBER FOR ANY LIVE ROUNDS. REFER TO UNLOADING INSTRUCTIONS IN THIS MANUAL TO UNLOAD PISTOL WITHOUT FIRING.



## LOADING & UNLOADING THE MAGAZINE

BEFORE ATTEMPTING TO LOAD MAGAZINE IT IS IMPORTANT THAT YOU READ AND FULLY UNDERSTAND ALL FUNCTIONS AND SAFE HANDLING OF THIS PISTOL. THE MAGAZINE, BARREL AND SLIDE ARE MARKED WITH PROPER CALIBER OF CARTRIDGE TO BE USED AND ALL MUST BE OF THE SAME CALIBER. PLACE ONE ROUND IN AT A TIME. WITH THE REAR OF THE ROUND AT MIDWAY IN THE TOP OF THE MAGAZINE PUSH DOWNWARD AGAINST THE MAGAZINE FOLLOWER AND THEN REARWARD. THE FOLLOWING ROUNDS ARE LOADED INTO THE MAGAZINE IN THE SAME MANNER. THE HP22 AND HP25 HOLD A MAXIMUM OF TEN ROUNDS IN BOTH THE STANDARD MAGAZINE AND THE EXTENDED MAGAZINE. THERE ARE HOWEVER, OLDER HP22 MAGAZINES THAT HOLD ELEVEN ROUNDS, SO BE SURE TO ALWAYS CHECK CHAMBER AND MAGAZINE FOR REMAINING AMMO WHEN YOU ARE DONE SHOOTING. DO NOT DEPEND ON COUNTING ROUNDS AS YOU SHOOT. TO UNLOAD MAGAZINE OF AMMUNITION PUSH THE TOP ROUND FORWARD AND OUT, OPPOSITE THE DIRECTION USED TO LOAD. REPEAT UNTIL ALL CARTRIDGES ARE REMOVED. CAUTION DO NOT FORCE WITH ANYTHING THAT MAY DAMAGE OR RUPTURE CARTRIDGE PRIMER. ALWAYS STORE AMMUNITION SEPARATELY FROM PISTOL.



THE HP22 MAGAZINE IS ILLUSTRATED HERE. STANDARD VELOCITY, FACTORY LOADED AMMUNITION IS RECOMMENDED FOR USE IN ALL ROYAL CANADIAN MOUNTED POLICE PISTOLS

## UNLOADING PISTOL

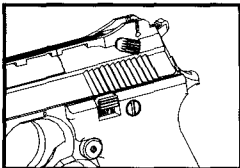
WHILE REMOVING CARTRIDGE FROM BARREL CHAMBER, KEEP THE PISTOL POINTED IN A SAFE DIRECTION. ROTATE FIRING PIN BLOCK LEVER DOWN (CLOCKWISE) COMPLETELY COVERING THE RED DOT. TAKE THE PISTOL IN YOUR RIGHT HAND WITH A FIRM GRIP, MAKING SURE YOUR FINGERS ARE NOT TOUCHING THE TRIGGER.

WITH YOUR OTHER HAND FIRMLY GRASP THE SERRATED PORTION OF THE SLIDE AND PULL IT REARWARD AS FAR AS IT WILL GO.

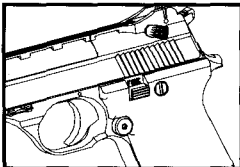
WITH THE SLIDE HELD AT ITS REARMOST POSITION, MOVE THE SAFETY UPWARD TO THE "SAFE" POSITION-LOCKING THE SLIDE IN THE OPEN POSITION. THIS SHOULD EXTRACT ANY CARTRIDGE FROM THE BARREL CHAMBER.

THE MAGAZINE IS REMOVED BY DEPRESSING THE MAGAZINE RELEASE BUTTON. REMOVE ALL CARTRIDGES FROM THE MAGAZINE, CHECK MAGAZINE CAVITY AND BARREL CHAMBER FOR ANY REMAINING CARTRIDGES. UNLOAD MAGAZINE BEFORE REINSERTING. CAUTION: IF A LOADED MAGAZINE IS REINSERTED INTO PISTOL A ROUND WILL BE CHAMBERED WHEN CLOSING SLIDE.

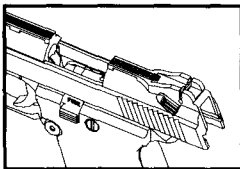
## FIRING OPERATION



PLACE FIRING PIN BLOCK LEVER IN THE DOWNWARD POSITION COVERING THE RED DOT, PLACE SAFETY IN THE "SAFE" POSITION AND REMOVE MAGAZINE. LOAD MAGAZINE FOLLOWING THE INSTRUCTIONS ON PAGE 9. REINSERT LOADED MAGAZINE INTO PISTOL.



TAKE THE PISTOL IN ONE HAND WITH A FIRM GRIP. WHILE KEEPING YOUR FINGERS OFF OF TRIGGER AND WITH PISTOL POINTED IN A SAFE DIRECTION, MOVE SAFETY INTO "FIRE" POSITION (KEEP FIRING PIN BLOCK LEVER IN THE DOWNWARD POSITION).

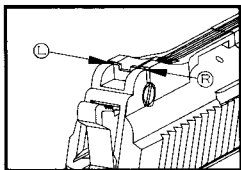


WITH YOUR OTHER HAND FIRMLY GRASP THE SERRATED PORTION OF THE SLIDE AND PULL IT AS FAR REARWARD AS IT WILL GO. RELEASE THE SLIDE FROM ITS REARMOST POSITION ALLOWING IT TO GO FORWARD ON ITS OWN ACCORD. THIS PROCEDURE PLACES THE FIRST CARTRIDGE INTO THE CHAMBER AND COCKS THE HAMMER. THE GUN IS READY FOR FIRING WHEN THE PIN BLOCK LEVER IS ROTATED UPWARD EXPOSING THE RED DOT. SUBSEQUENT FEEDING, FIRING AND EJECTION

OPERATIONS ARE PERFORMED AUTOMATICALLY EACH TIME THE TRIGGER IS PULLED UNTIL THE PISTOL IS EMPTY. CAUTION: UNLOAD PISTOL IF YOU DO NOT INTEND TO SHOOT IT IMMEDIATELY.

# ADJUSTING SIGHT

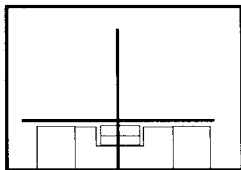
THIS PISTOL IS EQUIPPED WITH A FIXED FRONT BLADE SIGHT AND A WINDAGE ADJUSTABLE REAR SIGHT. THE REAR SIGHT IS ADJUSTED BY THE ADJUSTMENT SCREW LOCATED AT THE RIGHT REAR OF THE SLIDE. PISTOL SHOULD BE IN THE UNLOADED CONDITION BEFORE ANY ATTEMPT TO ADJUST SIGHT.



IF BULLET IS HITTING TO THE RIGHT OF TARGET CENTER, TURN SCREW TO THE RIGHT (CLOCKWISE).

IF BULLET IS HITTING TO THE LEFT OF TARGET CENTER, TURN SCREW TO THE LEFT (COUNTERCLOCKWISE).

ALWAYS BE SURE OF BACKSTOP, BULLETS CAN TRAVEL UP TO FIVE MILES. NEVER SHOOT AT SUCH HARD SURFACES SUCH AS ROCKS, WATER, ETC.-BULLETS CAN RICOCHET AND DAMAGE, INJURE OR KILL SOMETHING YOU DID NOT INTEND TO SHOOT.

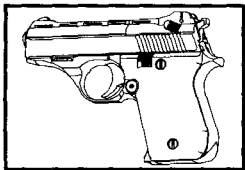


IF YOU ARE HITTING LOW OF TARGET CENTER, RAISE YOUR SIGHT OF FRONT SIGHT BLADE UP BY ONE MARK ON FRONT SIGHT BLADE TO TOP LEVEL OF REAR SIGHT.

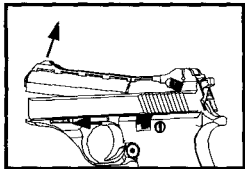
IF YOU ARE HITTING HIGH OF TARGET CENTER, LOWER YOUR SIGHT OF FRONT SIGHT BLADE BY ONE MARK TO THE LOWER LEVEL OF SIGHT BLADE NOTCH.

# DISASSEMBLY

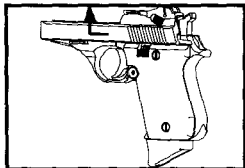
THIS PISTOL MUST BE IN THE UNLOADED CONDITION BEFORE DISASSEMBLY IS PERFORMED (SEE UNLOADING PISTOL PAGE 10).



PLACE FIRING PIN BLOCK LEVER IN THE DOWNWARD POSITION COVERING THE RED DOT. PLACE SAFETY IN THE "SAFE" POSITION. DEPRESS MAGAZINE RELEASE BUTTON AND REMOVE MAGAZINE.



PUSH ON REAR OF TAKEDOWN LEVER FORWARD TOWARDS THE END OF THE BARREL AND LIFT BARREL END UP AND OUT OF SLIDE AND FRAME.



TO REMOVE SLIDE, INSERT EMPTY MAGAZINE INTO PISTOL AND MOVE SAFETY TO THE "FIRE" POSITION. MOVE SLIDE FORWARD AND UP OFF OF FRAME. THIS PROCEDURE IS SUFFICIENT FOR NORMAL CLEANING AND OILING OF THE BARREL. SEE CLEANING INSTRUCTIONS.

