

**Daisy®**  
SINCE 1886

**POWER LINE 747®**

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**Match Air Pistol  
OPERATION MANUAL**

Single Pump Pneumatic

.177 Cal. (4.5 mm) Lead air gun pellet 

Recommended for adult use only.



**CAUTION:** THIS AIR GUN IS DESIGNED FOR USE BY EXPERIENCED SHOOTERS AND IS INTENDED FOR MATCH COMPETITION OR TARGET RANGE USE. CARELESS USE MAY RESULT IN SERIOUS INJURY OR DEATH. DANGEROUS WITHIN 209 YARDS (191 METERS).

**WARNING: THIS GUN CAN CAUSE DEATH. READ AND FOLLOW THE INSTRUCTIONS CAREFULLY. DO NOT LOAD A PELLET INTO THE CHAMBER UNTIL YOU ARE READY TO SHOOT. IF YOU DO LOAD A PELLET AND DECIDE NOT TO SHOOT, REMOVE IT EITHER MANUALLY OR BY SHOOTING IT IN A SAFE DIRECTION. AN UNCOCKED, UNLOADED GUN IS SAFEST. ACCIDENTS HAPPEN FAST. SHOOT SAFELY.**

For your safety and the safety of others, read complete operating instructions before attempting to shoot the pistol.

## OPERATION STEPS

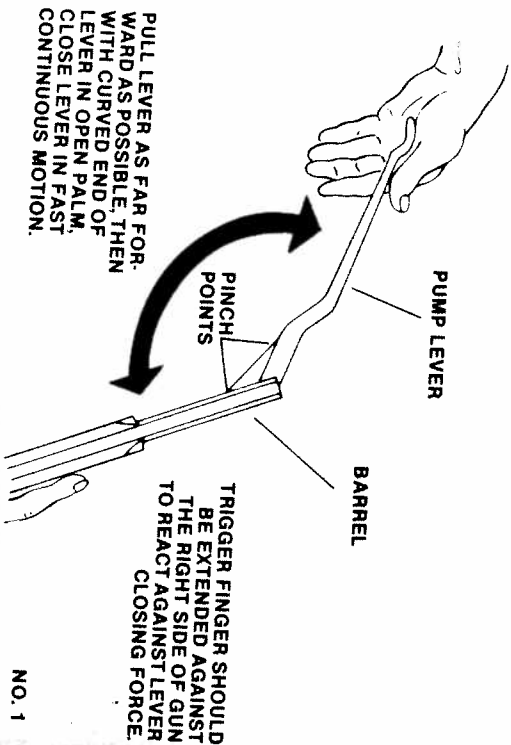
1. PUT "ON SAFE"
2. OPEN BOLT
3. PUMP
4. LOAD
5. CLOSE BOLT
6. AIM
7. TAKE "OFF SAFE"
8. FIRE

### Step 1. PUT "ON SAFE"

Push trigger safely from left to right until no red is showing. In this position, the pistol in proper working condition cannot be fired by pulling the trigger.

### Step 2. OPEN BOLT

Lift up and pull straight back on bolt handle. The gun cannot fire with bolt open. **NOTE: BOLT MUST BE OPEN TO PUMP UP GUN.** Be careful to keep fingers out of pumping mechanism when closing lever. (See "pinch points", Drawing No. 1.)



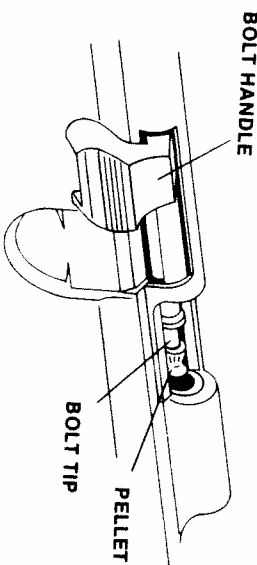
### Step 3. PUMP

With bolt open, pump gun only once. Any additional pumping will not increase velocity. (Drawing No. 1).

**CAUTION:** After gun has been pumped up once, do not attempt to pump again or open lever as the lever is under pressure and could fly open, possibly causing injury.

### Step 4. LOAD

With bolt back, load one pellet (solid end forward into feed track (Drawing No. 2).



### Step 5. CLOSE BOLT

Push bolt fully forward, then push bolt handle down. The gun is now ready to fire. **CAUTION:** It is very important that the bolt be completely closed. Never close the bolt while the trigger is being pulled. If the gun does not fire when the trigger is pulled, immediately, then close the bolt completely and continue to Step 6.

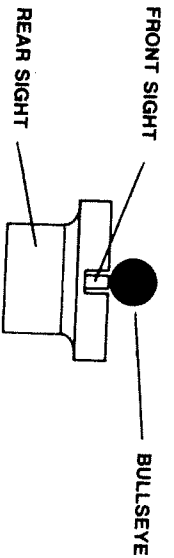
### Step 6. AIM

Point gun toward target. Pick a target backstop that cannot be penetrated. (Take final sighting after Step 7, - see Drawing No. 3 for correct sight picture).

### Step 7. TAKE "OFF SAFE"

Take trigger safety "Off Safe" by pushing from right to left so that red is showing. (Take final sighting.)

## USE THE CORRECT SIGHT PICTURE EACH TIME YOU FIRE THE GUN



NO. 3

### Step 8. FIRE

The gun can be safely fired after properly completing the operating steps.  
**IMPORTANT:** Do not leave gun in pumped up condition for more than one hour or air release valve may be damaged and cause a permanent leak.

**CAUTION:** If a pellet does not fire completing the operating steps, the gun is jammed. This is a dangerous condition.

**OPEN BOLT AT ONCE, THEN REPEAT ALL OPERATIONS EXCEPT STEP 4 (DO NOT LOAD PELLET). IF A PROJECTILE STILL DOES NOT FIRE, FOLLOW THESE STEPS CAREFULLY:**

First, open bolt.

Second, put trigger safety "on safe."

Third, clear barrel by running a size .177 cleaning rod through from the muzzle end. Be careful not to damage the bolt tip by pushing the rod through too hard.

Fourth, repeat operating steps. Make sure a pellet is fed into firing position. If after following the firing procedure the projectile is not fired, return your gun to the Service Depot.

(See "Repair of Gun" section.)

**DRY FIRING** The Model 747 can be dry fired by following the recommended Operations Steps (page 1), except loading the gun. Dry firing the Model 747 will not cause damage to the sear or mechanical components. Dry firing is recommended as a training aid to improve the shooter's trigger control and sight alignment.

### UNLOAD PELLETS:

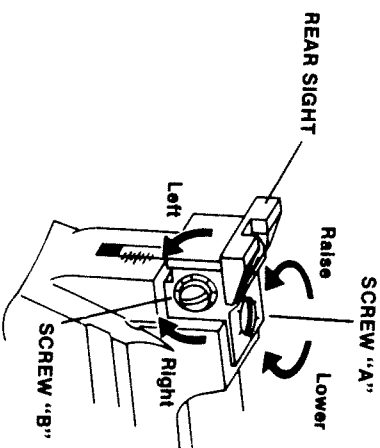
The bolt does not extract a pellet. Point the gun in a safe direction and fire it, or open bolt and insert a .177 cleaning rod in muzzle end and push the pellet out.

3

### REAR SIGHT ADJUSTMENT

**ELEVATION** (up or down) To move the point of impact up, raise the sight by turning elevation knob "A" (Drawing No. 4) to the left. To lower the point of impact, lower the sight by turning elevation knob "A" to the right. At a range of 10 meters, one click will move the point of impact .077 inch.

**WINDAGE** (right or left) To move the point of impact left, move the sight left by turning knob "B" (Drawing No. 4) counterclockwise. To move the sight to the right, turn knob "B" clockwise. At a range of 10 meters, one click will move the point of impact .054 inch.



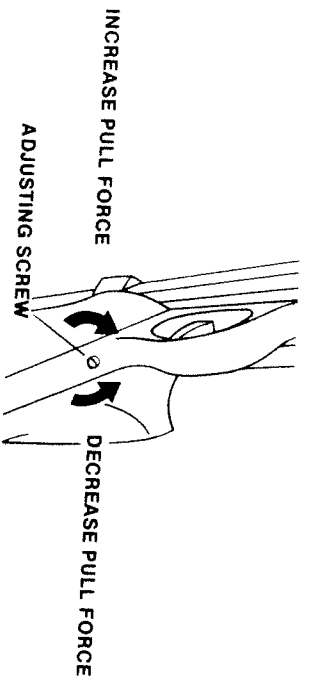
No. 4

### TRIGGER PULL FORCE ADJUSTMENT

Trigger pull force can be adjusted between approximately one and three pounds force. To increase the trigger pull force, turn the trigger adjusting screw (Drawing No. 5) clockwise. To decrease the trigger pull force, turn the screw counterclockwise. Stops are provided at end of the adjustment.

**CAUTION:** When the trigger is adjusted to less than 2 lbf, the gun may fire if dropped.

4



No. 5

Left hand grips available—No. 5822.

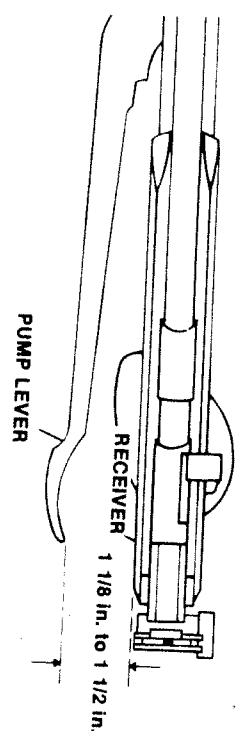
## GRIPS

## PUMP ADJUSTMENT

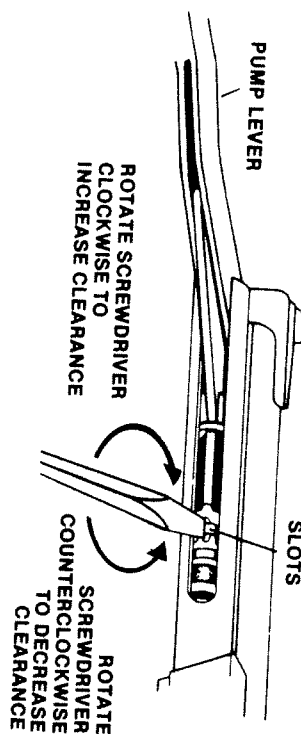
**IMPORTANT:** After 500 shots, and every 1,000 shots thereafter, the length of the pump lever stroke may need adjustment to maintain maximum performance. To check and make needed adjustments, follow these steps.

1. After firing the gun, open the pump lever and close to the point where a slight resistance can be felt and stop.
2. Measure the distance between the receiver and end of the pump lever as shown in Drawing 6. This dimension should be between 1 1/8 and 1 1/2 inches. If the clearance dimension on your gun is within this range, no adjustment is required. If the clearance dimension is not within this range, proceed to Step 3.
3. With the pump lever in the fully open position, place a screwdriver with a large blade between slots in the threaded portion of the pump. See Drawing 7.
  - a) To increase the pump lever clearance, rotate the screwdriver clockwise.
  - b) To decrease the pump lever clearance, rotate the screwdriver counterclockwise.

**CAUTION:** Adjusting the pump lever to a clearance dimension larger than 1-1/2 inches will overstress the gun and will result in permanent damage to the gun. Maximum performance will be achieved by adjusting the clearance as specified in Step 2.



No. 6



No. 7

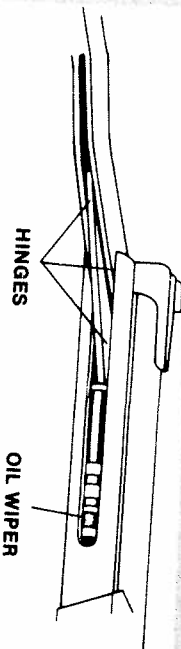
## PROPER CARE AND MAINTENANCE

To maintain top shooting performance, lightly oil the three pump lever hinges and pump oil wiper on the pump rod every 1,000 shots (Drawing No. 8). Excessive oil on the wiper will affect accuracy. When a finger is pressed against the wiper, only a light trace of oil should be deposited on the finger. Excess oil on the wiper will migrate into the pump system and can affect accuracy from heavy oil deposits in the barrel. Use only a 20-weight non-detergent automotive motor oil. Other type oils may ruin the seals. The exterior is cleaned by wiping with a soft, clean cloth. The screws and rear sight should be wiped with oil to prevent rust.

## BARREL:

The barrel must be clean and dry to attain maximum accuracy. Run clean, dry patches through the barrel until all foreign material is removed. It may be necessary to clean the barrel approximately every 50 shots to achieve maximum accuracy. Fre-

quent cleaning may be necessary when the gun is new until all excess oil is removed from the pump system. If the gun is to be stored for a period of time, a light coat of oil in the barrel will help prevent corrosion.



No. 8

## AMMUNITION

Daisy International Match 555 diabolo pellets are recommended for use in the Model 747. These pellets are uniform in size with minimal weight variations. The flat wad-cutting designed head will punch a clean hole to provide for easier and more accurate scoring. The design of the Daisy International pellet is engineered to produce maximum accuracy in the Model 747.

## STORAGE

To make the gun completely safe, shoot the gun at a safe target to make sure the pump system and barrel are empty and place the trigger safety "On Safe." Clean, dry and oil the gun before storing. Store ammunition in a separate location away from the storage area of the gun.

## MODIFICATION - CAUTION:

The components of this gun were engineered to deliver optimum performance. Any modification or tampering with a gun may cause a malfunction and may make it unsafe to use. Any gun that has been dropped should be checked by qualified personnel to insure that its function has not been affected.

## REPAIR OF DAISY GUNS

**WARNING:** A GUN THAT IS NOT OPERATING PROPERLY MAY BE DANGEROUS. IT SHOULD BE KEPT SAFELY FROM USE BY ANYONE UNTIL REPAIRED OR DESTROYED. DO NOT TRY TO TAKE THE GUN APART. IT IS DIFFICULT TO REASSEMBLE AND IMPROPER REASSEMBLY CAN CAUSE A HAZARDOUS CONDITION.

## GUN IN WARRANTY

### LIMITED FIVE YEAR WARRANTY

For five years from date of purchase, Daisy will repair or replace and return this gun, free of charge, if defective in material or workmanship. Service is available by returning the gun to Daisy Manufacturing Co., Inc. Attach to the gun your name, address and telephone number, description of problem and proof of date of retail purchase (sales slip), package and send to Daisy Manufacturing Co., Inc., Service Department, Rogers, Ark. 72757, transportation prepaid. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## GUNS OUT OF WARRANTY

If your Daisy needs repair, attach to the gun your name, address and description of problem. Package and send transportation prepaid to Daisy Manufacturing Co. Service Department. Daisy will repair the gun or replace it with a reconditioned gun of the same model. A charge for repairing or replacing the gun will be sent to you by return mail. Mail your check or money order (not cash) in payment of the charge. Your gun will then be repaired or replaced and shipped to you.

**NOTE:** This gun does not come under the provisions of the "Gun Control Act of 1968" and can be mailed.

Gun parts drawing and price list available upon written request.  
Daisy Manufacturing Co., Inc.  
Service Department  
P. O. Box 220

Rogers, Ark. 72757

## DAISY NATIONAL AIR GUN PROGRAM ADVANCED PROGRAM FOR YOUNG ATHLETES (AGE 15-19)

The Daisy National Air Gun Program offers young men and women athletes an opportunity to join the fastest growing sport in America today. The National Air Gun Shooting Sports Program is run by Daisy.

Nine regional consultants across the United States run local and regional instructional clinics, provide consignment equipment, conduct air gun shooting competitions and select top shooters for the Annual NRA/Daisy Invitational Air Gun Championship Match which is held at the U.S. Olympic Training Center in Colorado Springs each spring.

The program features shooting skills in 10 meter air rifle, 10 meter air pistol, 10 meter moving target and air gun silhouette competition. Opportunities are presented to athletes enrolled in this program to receive scholarship grants for attendance at America's top air gun shooting competitions. Some examples of these top competitions are: The U.S. International Air Gun Championship Match held in Phoenix, Arizona and the U.S. Moving Target Championships held in Ft. Benning, Georgia.

consultant. (The consultants are listed below). Give your name, address, telephone number, age, area of interest (either air rifle, air pistol, moving target or silhouette) and tell your consultant that you or your club would like to join our program. That's all you do. Write today.

## REGIONAL CONSULTANTS FOR THE DAISY NATIONAL AIR GUN PROGRAM

### Region I

Region I encompasses states of Washington, Montana, Oregon, Idaho and Wyoming.  
 Consultant: Ralph Saunders, 2311 Woody Drive, Billings, Montana 59102  
 (H) 406/656-0366 (B) 406/245-6354  
 Assistant Consultant: Donald Williams, 6630 S.W. 203rd Court, Aloha, Oregon 97007  
 (H) 503/642-5873

### Region II

Region II encompasses states of California, Nevada, Utah and Arizona.  
 Consultant: Marvin R. Tannahill, Jr., P. O. Box 3874, Fullerton, California 92634  
 (H) 714/870-4527 (B) 714/898-5641

### Region III

Region III encompasses states of Colorado, Kansas, New Mexico, Texas and Oklahoma.  
 Consultant: Ernie Powell, 615 Oakdale, Enid, Oklahoma 73701  
 (H) 405/233-6946

### Region IV

Region IV encompasses states of North Dakota, Minnesota, South Dakota, Nebraska, Iowa and Wisconsin.  
 Consultant: Jim Morrison, 833 South Harrison, Papillion, Nebraska 68046  
 (H) 402/339-3692 (B) 402/422-5739  
 Assistant Consultant: Don Katzner, 309 Palmer Street, Waukesha, Wisconsin, 53186  
 (H) 414/547-3522

### Region V

Region V encompasses states of Missouri, Illinois, Arkansas and Louisiana.  
 Consultant: Ed Cheatham, 129 Grand Ridge Drive, Hot Springs, Arkansas 71901  
 (H) 501/262-3471 (B) 501/844-2206  
 Assistant Consultant: Al Williams, 4435 Malvern Road, Hot Springs, Arkansas 71901  
 (H) 501/262-1578 (B) 501/262-2391

### Region VI

Region VI encompasses states of Tennessee, Mississippi, Alabama, Georgia, South Carolina and Florida.  
 Consultant: John Wright, 114 East Moore Street, Manchester, Tennessee 37355  
 (H) 615/728-2330 (B) 615/455-2611, Ext. 7271  
 Assistant Consultant: George Tolson, 1115 Samar Road, Cocoa Beach, Florida 32931

### Region VII

Region VII encompasses states of Michigan, Indiana, Ohio, Pennsylvania, Kentucky and West Virginia.  
 Consultant: Doug Morris, 3037 Autumn Ridge, Cincinnati, Ohio 45247  
 (H) 513/851-3866 (B) 513/821-1948  
 Assistant Consultant: Robert L. Smith, 1569 Pine Street, Rickenbacker ANGB, Ohio 43217  
 614/491-4429

### Region VIII

Region VIII encompasses states of Virginia, Maryland, Delaware, North Carolina and D.C. area.  
 Consultant: Carlton A. Keys, P. O. Box 1329, Monument Lane, Glider Court, Kill Devil Hills, North Carolina, 27948  
 (B) 919/441-7505  
 Assistant Consultant: George E. Alves, 214 Sterling Avenue, Llangollen Estates, New Castle, Delaware 19720

### Region IX

Region IX encompasses states of New Jersey, New York, Connecticut, Rhode Island, Massachusetts, New Hampshire, Vermont and Maine.  
 Consultant: Karl Lamson, P. O. Box 289, South Barre, Vermont 05670  
 (B) 802/476-8737

## THE RULES OF PROPER GUN HANDLING

1. **Treat every gun as if it were loaded and ready to shoot.**
  2. **NEVER** carry a loaded or cocked gun into your home, camp, or public place. (Shooting your Daisy indoors may be enjoyed when proper range facilities and adult supervision are available.)
  3. Always be sure the barrel is clean and not plugged.
  4. Carry your Daisy so that you can control the direction of the muzzle, even if your stumble.
  5. Be sure of your target before you shoot. The only time you put your finger on the trigger is when you are aiming at a safe target.
  6. **NEVER** point a gun at anyone. **NEVER** point a gun at anything you do not want to shoot.
  7. **NEVER** point your Daisy at any living thing.
  8. **NEVER** climb a fence or a tree, or jump into a ditch, with a loaded gun.
  9. Guns not being used should always be unloaded and properly stored.
  10. Always respect other people's property.
- It is also very important for you to remember that any time you receive a gun from anyone, or take a gun from its storage place you should make sure it's unloaded and uncocked.
- The use of incorrect projectile may not be safe and pellets should not be reused. The trigger force of the 747 is capable of adjustment below the 2 lb level and when adjusted below 2 lb, the gun could fire when dropped.
- Your backstop should be inspected for wear before and after each use. Discontinue use if the backstop surface shows signs of failure. Since backstop surfaces eventually fail, always place the backstop in a location that will be safe should the backstop fail. Discontinue the use of a backstop if the projectile rebounds or ricochets.
- This is a match precision gun intended for special purpose or limited use under controlled or supervisory conditions such as training or competition match shooting.

## MODEL 747 PISTOL SPECIFICATIONS

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| STYLE              | Custom Target                                       |
| ACTION             | Single Pump Pneumatic                               |
| CALIBER            | .177 cal. (4.5 mm)                                  |
| FEED               | Single Shot Bolt Action                             |
| MAXIMUM PUMP FORCE | 17 lbs. (75.6 N)                                    |
| REAR SIGHT         | Elevation and Windage Adjustments                   |
| SIGHT RADIUS       | 12.75 in. (32.39 cm)                                |
| WEIGHT             | 2.91 lbs. (1.3 kg)                                  |
| BARREL             | .177 cal. Rifled, 9.61 in. long (24.4 cm)           |
| TRIGGER PULL FORCE | Adjustable from 1.0 lbf (4.4 N) to 3.0 lbf (13.3 N) |
| TARGET DISTANCE    | 10 Meters (32.8 ft.)                                |
| VELOCITY           | 360 fps (110mps)                                    |
| MUZZLE ENERGY      | 2.2 ft. lb. (3.0J)                                  |
| MAXIMUM RANGE      | 209 yds. (191m)                                     |



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 SINCE 1886  
 Daisy Manufacturing Company, Inc.  
 Rogers, Arkansas 72757, U.S.A.  
 Part No. 136801-000

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