



Estes Industries  
1295 H Street, PO Box 227  
Penrose, CO 81240-0227  
PRINTED IN CHINA

# X-100 TALON™ AIR POWERED ROCKET PLANE

## ASSEMBLY & OPERATING INSTRUCTIONS

#1864

Keep for future reference.

### ⚠ WARNING

High Powered Projectile - Striking Hazard.  
Not intended for children under 10 years old.

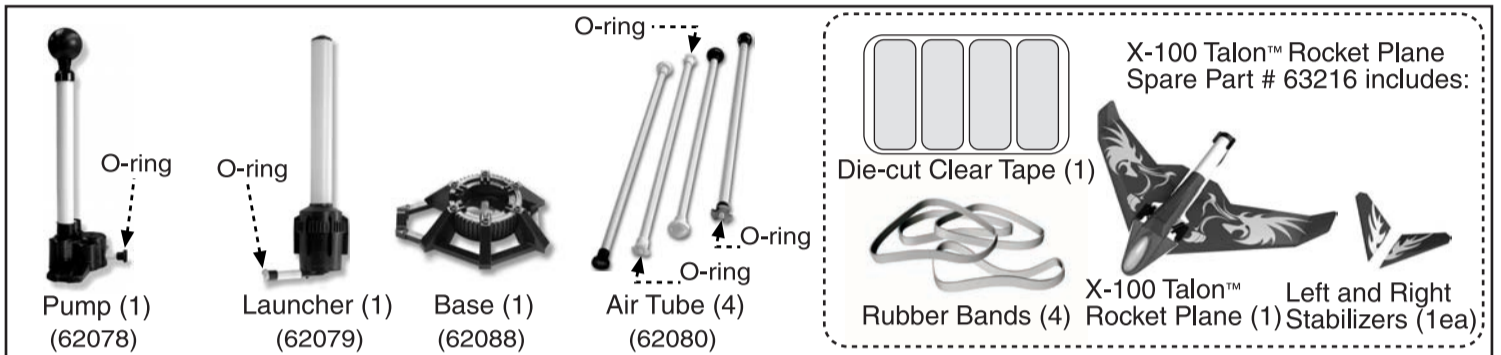
### Important Notice

The Air Power X-100 Talon™ operates on powerful air pressure. Improper use of this product may result in personal injury or damage to the product. **READ AND FOLLOW THE INSTRUCTIONS, WARNINGS AND AIR ROCKET SAFETY CODE BEFORE USING.**

### AIR ROCKET SAFETY CODE (Always Read & Follow)

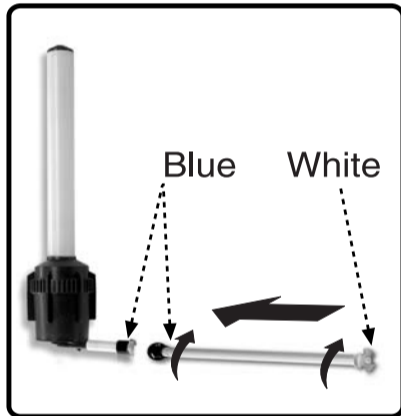
- Never stand over rocket when launching.
- Keep away from your face when launching.
- Never point or launch rocket at people or animals.
- Use outdoors only in large open spaces.
- Do not fly near roads, power lines or trees.
- Keep spectators at least 15 feet (4.6 m) from launcher.
- Never launch any item except your X-100 Talon™ Rocket Plane.

**ASSEMBLY TIP:** Read all instructions before beginning assembly. Assemble outdoors on level ground. Locate the parts shown below and lay them out in front of you. Check to make sure all parts are included, if any parts are missing, contact the Estes Customer Service Dept. at 800-525-7561, Mon. - Fri. 8:00 AM to 4:00 PM Mountain Time, or at www.estesrockets.com.



### LAUNCH SYSTEM SET-UP

**Important:** Check to make sure o-rings are in place in the connectors.



**1.** Attach air tube with blue connector to the launcher and twist connector hand tight.

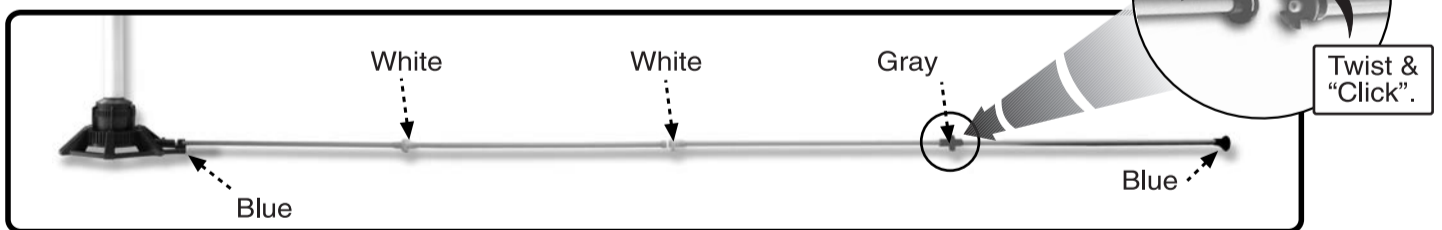


**2.** Insert launcher with attached air tube into base.

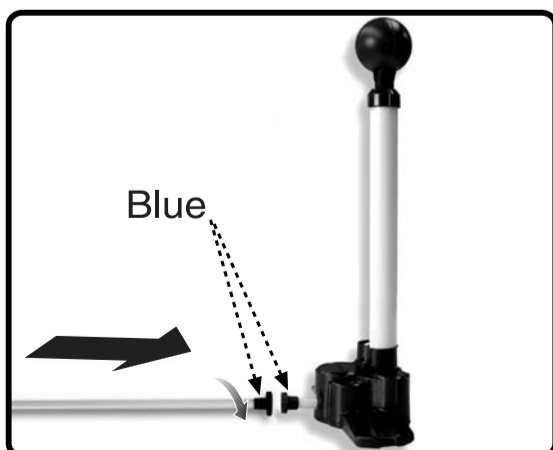


**3.** Snap into place.

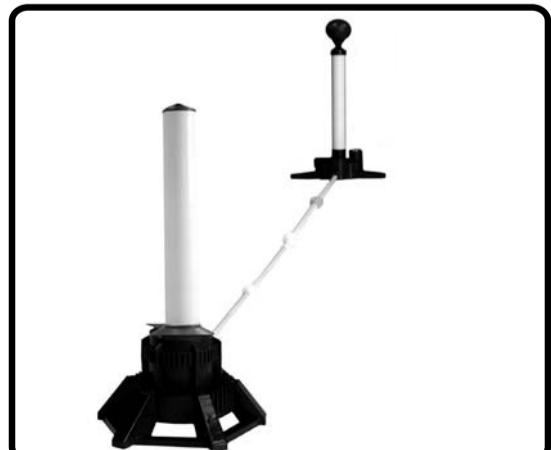
**IMPORTANT:** You should feel a “click” after twisting connectors together firmly. This ensures that the air tubes are sealed to prevent leakage.



**4.** Attach remaining air tubes as shown. Twist connectors hand tight.

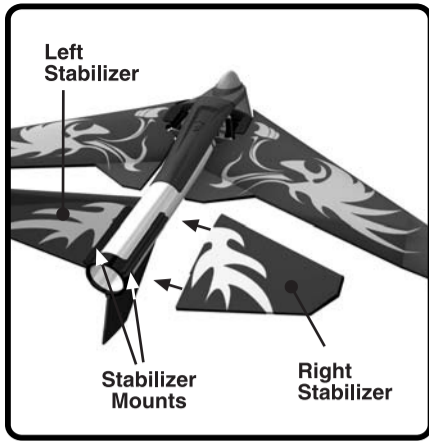


**5.** Attach air tube assembly to pump. Twist connector hand tight.

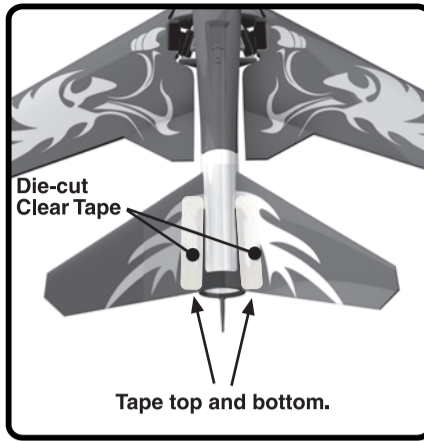


Assembled launch system

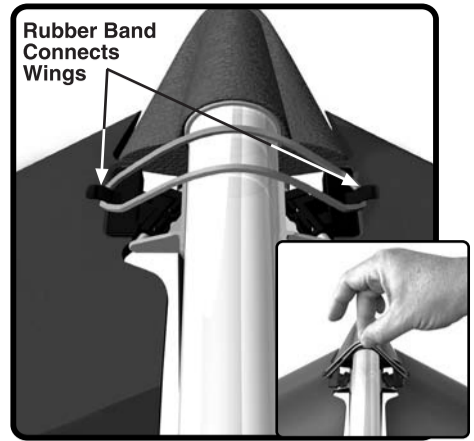
# ASSEMBLING THE X-100 TALON™ ROCKET PLANE



**1.** Unfold wings away from rear stabilizer. Insert the left & right stabilizers into the stabilizer mounts as shown.



**2.** Tape the top and bottom of each stabilizer to the stabilizer mount using the die-cut tape supplied.

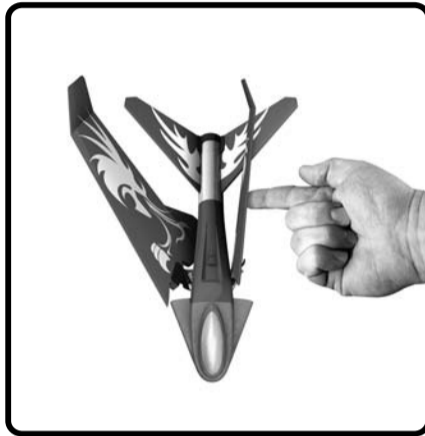


**3.** Stretch rubber band to break it in. Connect rubber band from one hook to the other located under the wing as shown. Pull on rubber band and release to equalize tension side to side

## FOLDING THE WINGS FOR LAUNCH



**1.** Slide one wing back then upward as shown.



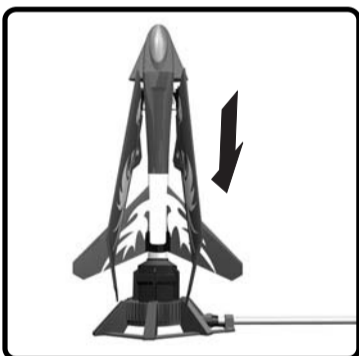
**2.** Be careful not to force wing.



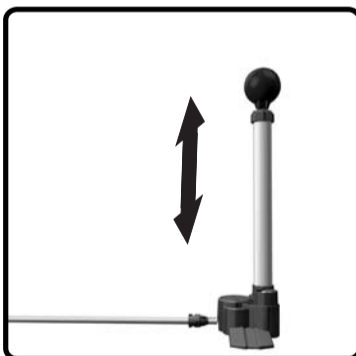
**3.** Slide the wing forward **GENTLY** until click is heard to lock in place. Repeat for other wing.

## LAUNCHING THE X-100 TALON™ ROCKET PLANE

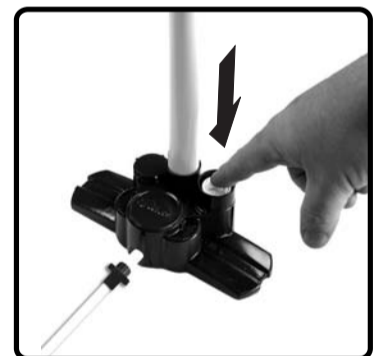
- Choose a large field (250 ft. [76 m] square). The larger the launch area, the better the chance of recovering your rocket plane. Football fields and playgrounds are great. Launch only with little or no wind and good visibility. Do not launch near roads, buildings, power lines or trees.
- Keep all spectators back 15 feet (4.6 m) from launcher.
- For safety, never launch a damaged rocket plane. Check the rocket plane's body, wings, nose cone and fins. If damaged, discontinue use of rocket plane and call the Estes Customer Service Department for a replacement [800-525-7561 – Mon. - Fri. 8:00 AM to 4:00 PM Mountain Time] or go to [www.estesrockets.com](http://www.estesrockets.com).
- If rear stabilizers fall off plane use assembly instructions 1 & 2 and clear household tape for repair.
- If wings break or crack use clear tape to re-attach or call Estes for help.



**1.** Level base and slide rocket onto launcher.



**2.** Pump 15-25 times or until you hear air release from the safety valve.



**3.** Clear launch area of spectators. Countdown 5... 4... 3... 2... 1... press the launch button!

### ⚠ WARNING

To prevent serious injury to eyes or body, never stand over launcher at any time.

### ⚠ WARNING

To prevent serious injury to eyes or body, never launch the rocket plane when people are near launcher.

### ⚠ WARNING

To prevent serious injury to eyes or body, never use a rocket plane that is broken or missing its foam nose cone.

**CAUTION:** Launching the X-100 Talon™ Rocket Plane without its wings folded will damage the rocket plane and void all warranties.



## ESTES 90 DAY LIMITED WARRANTY

Do not return your X-100 Talon Rocket Plane to the store. Estes will repair or replace factory defects for 90 days from the date of purchase. This warranty specifically does not cover crash damage or abuse.

For fast courteous service, if you find a defect or a part is missing, please contact Estes Customer Service at [www.estesrockets.com](http://www.estesrockets.com) or call 1-800-525-7561 Monday-Friday, 8:00 AM - 4:00 PM Mountain Time.

Obtain a Return Merchandise Authorization (RMA) number from Estes Customer Service before returning a defective part or product. Any part or product returned to Estes without a RMA number clearly marked on the shipping label will not be accepted. Send only the defective part(s). There may be additional charges if you send more than is necessary. Ship returns to: Estes-Cox Corp., 1295 H St, PO Box 227, Penrose, CO 81240-0227.

This warranty applies only if the product is operated in compliance with instructions and warnings provided with each model. Estes-Cox assumes no liability except for the exclusive remedy of repair or replacement of parts as specified above. Estes shall not be liable for consequential or incidental damages. Some states do not allow the exclusion of incidental or consequential damages so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.