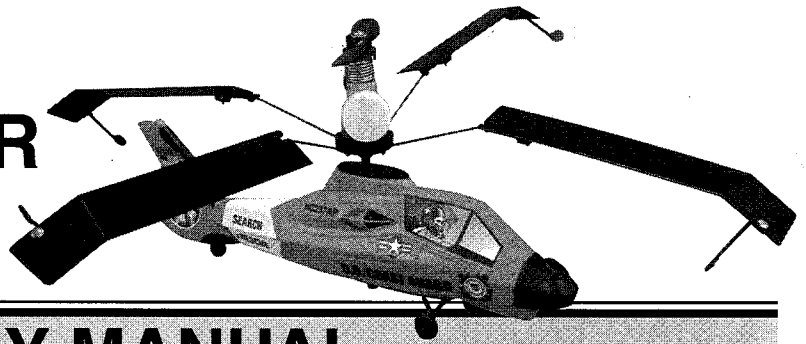




FREE FLIGHT .049 Power HELICOPTER

COX MODELS
1295 H Street
Penrose, CO 81240
PRINTED IN CHINA

ITEM: 4421



ASSEMBLY MANUAL KEEP FOR FUTURE REFERENCE

Ages 12+

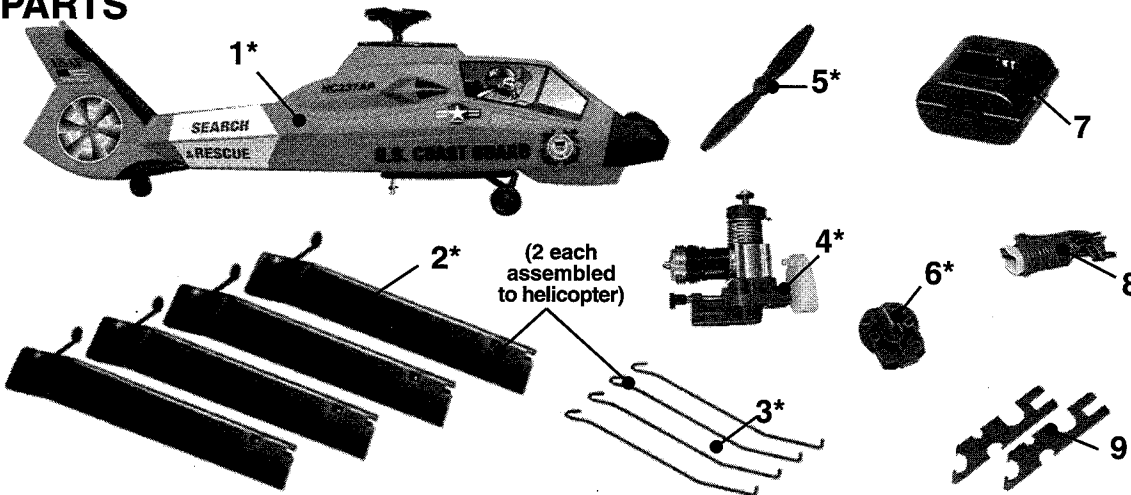
NOTICE: The COX® .049 Free Flight Helicopter is easy to assemble and fly. Please read through these and the Engine Starting Guide instructions before assembling your model. If you need any help assembling or flying, call us at **1-800-451-0339**, Monday - Friday 8:00 am - 4:00 pm, MST.

WARNING
Improper use of this product may result in personal injury or damage to the product.
READ THE FOLLOWING INSTRUCTIONS CAREFULLY!
You are responsible for the safe operation of this product.
ADULT SUPERVISION RECOMMENDED.

STOP
DON'T TAKE ME BACK TO THE STORE
LOOK
FOR THE TOLL-FREE HELP TELEPHONE NUMBER
LISTEN
AS THE EXPERTS "TALK YOU THROUGH"
CALL 1-800-451-0339 TOLL FREE

COX LIMITED NINETY DAY WARRANTY
FOR 90 DAYS FROM THE DATE OF PURCHASE, COX WILL REPAIR OR REPLACE ANY FACTORY DEFECTS WITHOUT CHARGE. IF YOU FIND A DEFECT OR NEED REPLACEMENTS, PLEASE CONTACT THE COX CUSTOMER SERVICE DEPARTMENT.
If you wish to return a defective part, send only the affected part along with proof of purchase to: Cox Customer Service, 1295 H Street, Penrose CO 81240. Please do not send the entire model. There may be an additional handling charge if you send the entire model kit.
THIS WARRANTY APPLIES ONLY IF THE PRODUCT IS OPERATED IN ACCORDANCE WITH THE ENCLOSED ASSEMBLY AND OPERATING INSTRUCTIONS PROVIDED WITH EACH MODEL. COX ASSUMES NO LIABILITY EXCEPT FOR THE EXCLUSIVE REMEDY OF REPAIR OR REPLACEMENT OF PARTS AS SPECIFIED ABOVE. COX SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.
Some states do not allow the exclusion of consequential or incidental damages so the above limitation 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.
THE ABOVE WARRANTY EXCLUDES ALL GLOW HEADS USED ON FUEL POWERED MODELS.
READ ENCLOSED INSTRUCTIONS AND SAFETY INFORMATION BEFORE USING THIS PRODUCT.

PARTS

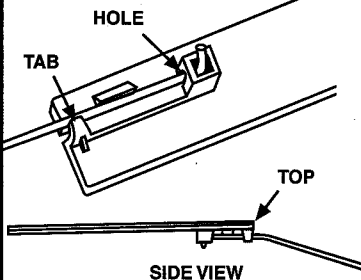


No.	Description
1	Fuselage Assy.
2	Rotor Blade (RB) Assy.
3	RB Support Wire
4	.049 Engine Assy.
5	Propeller
6	Engine Mount Plate
7	Battery Box
8	Glow Clip
9	Glow Head Wrenches

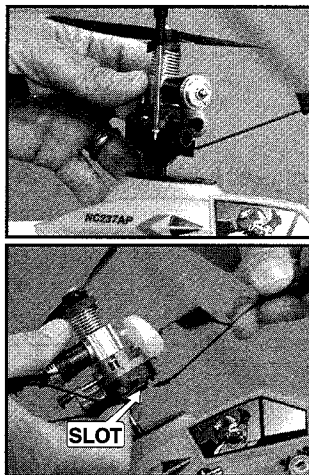
* Comes shipped with these parts assembled to helicopter.

ASSEMBLY NOTE: REQUIRES SMALL PHILLIPS SCREWDRIVER FOR ASSEMBLY (NOT INCLUDED).

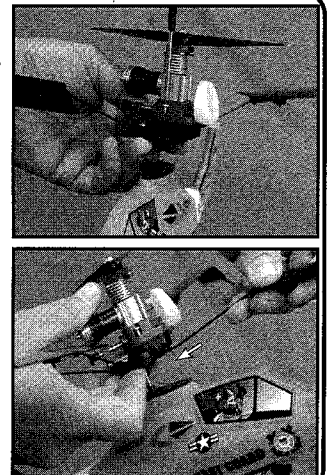
A. Assemble the 2 rotor blades and support wires not attached to helicopter by slipping end of support wire through hole at base of rotor blade, then snap under tab as shown



B. Using a Phillips Screwdriver, loosen the screw shown, loosen the screw shown. Insert the 'hook end' of the support wire of the rotor blade assembly completely into the slot. Tighten screw and pull on rotor blade to be sure it is secure.



C. Loosen the screw shown and assemble the other rotor blade to the helicopter as you did in step B. Check to be sure rotor blade is secure and tighten all the screws around the engine.



NOTE: ALL 4 ROTOR BLADES ARE REQUIRED FOR FLIGHT.

FLYING



NEVER FLY IN WINDS OVER 5 MPH (8 KPH)



NEVER FLY NEAR OBSTACLES

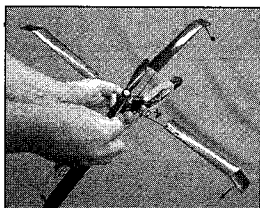


ALWAYS FLY OVER SOFT GRASSY FIELDS!

DO NOT FLY IN PARKING LOTS OR STREETS.

A. START ENGINE

(Refer to Engine Starting Guide before 1st flight)



B. ALLOW ROTORS TO SPIN UP TO SPEED TO DEVELOP LIFT
(Approx. 5-10 seconds)

D. RELEASE HELICOPTER AND STEP BACK. DO NOT STAND DIRECTLY UNDER DURING ITS CLIMB!

C. HOLD HELICOPTER ABOVE HEAD WITH ROTORS STRAIGHT & LEVEL.

LANDING AREA

HAVE ALL SPECTATORS STAND UP WIND OF LAUNCH



BREEZE



KEEP YOUR FACE, HANDS AND BODY AWAY FROM THE SPINNING ROTORS!

E. AFTER LANDING CHECK FOR ANY DAMAGE AND WIPE EXCESS FUEL FROM ENGINE ROTOR BLADES & FUSELAGE.



10 FEET (3 m)

100 YARDS (91 m)

100 YARDS (91 m)

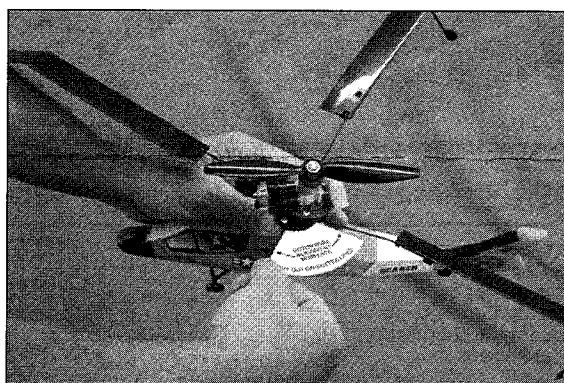
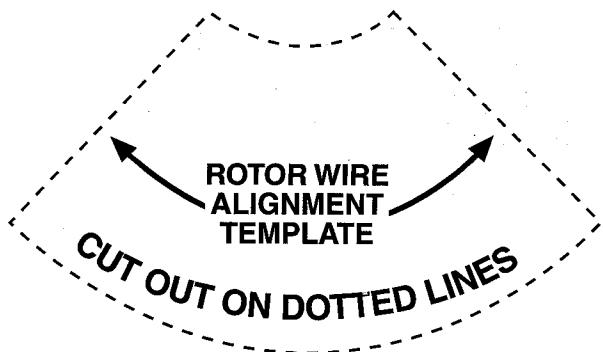
FLIGHT ADJUSTMENTS

A. WILL NOT CLIMB: After engine stops running and cools, adjust the engine needle valve 1/8 turn clockwise. (Refer to engine starting guide). Refuel and try again.

B. FUEL REMAINS IN TANK AFTER GOOD FLIGHT: Adjust the engine needle valve 1/8 turn counterclockwise. Refuel and fly again.

C. ROTOR BLADES BECOME SEPARATED OR MISALIGNED AFTER A ROUGH LANDING:

- Snap rotor blades back into place.
- Check rotor blade support wire alignment using template. Bend support wire as needed until alignment is correct.



- Check distance between rotor blade and top of rear fuselage using rotor height gauge. Adjust support wires by bending.

