

DRAGONFLY

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AVIATION OPERATION

Aviation environment:

You need a favorable flying ground. A windless spacious outdoor place (a large room without obstacle is proper if you are experience) shall be an ideal environment.

STEP 1

Firstly, switch on the power and push the right control rod of the transmitter to the lowest place, adjust the swash plate to the center and the trimmer center.

Switch the power of the transmitter on.

The electron gyro of the receiver will be adjusted to the best situation by itself.

Make sure that you are at least 2 meters off the helicopter (with the tail facing you). Push the right control rod (CH2) up slowly, speed up the main rotary wing inchmeal until the sliding pry of your helicopter touch the ground gently. At this time, the helicopter may slide left, which is normal.

The helicopter may slide in other directions besides to left, and it can be solved by adjust the trimmer, the servo and gyroscope. Push the left control rod trimmer (CH 2) up and down if it slopes forward or backward, the right control rod trimmer (CH1) left or right if it slopes left or right, and the left control rod trimmer (CH 4) left or right if the nose turns left and right.

If the sliding to left or right, forward or backward can't be completely solved with the trimmer, adjust the swinging arm on the servo to achieve your goal.



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Step 2

Be familiar with the function of all kind of control rod. Practice repeatedly until you can operate the helicopter rapidly. (It is recommended that you master these practices on computer simulator).

If you can operate the helicopter to slide on the ground, speed up the main rotary wing slowly and make the helicopter take off the ground for a short time. It will be better to keep the helicopter not higher than one meter over the ground. If the helicopter is uneven jolts, or is out of control, land the helicopter immediately and make correspondent adjustment until it can hang in the air for a rather long time.

Further increase the flight height (Before you take this step, make sure that you have practiced for a long time, and mastered all kinds of operations) to 3 meters over the ground. At this time, the helicopter will have flew out of its airflow vortex, and the flight will be more steady. If you can make the helicopter hang in the air at any position and hover freely, then you'd make further flying practices.

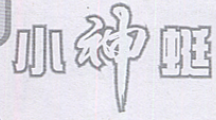
Control you helicopter to hover evenly: change the flight height freely, make the helicopter yaw to left and right with the left control rod (CH4), and move forward and backward with the left control rod (CH2). By doing so, you can make the helicopter "walk". Then you can control the helicopter to roll left or right with the right rod (CH3). And you can also land the helicopter on a given point.

Now, your flying level is greatly improved, repeated and patient practices are still required. It is suggested that all difficult operations shall be performed outdoor. You can't operate in the yard or indoor until you are skillful in the operation.

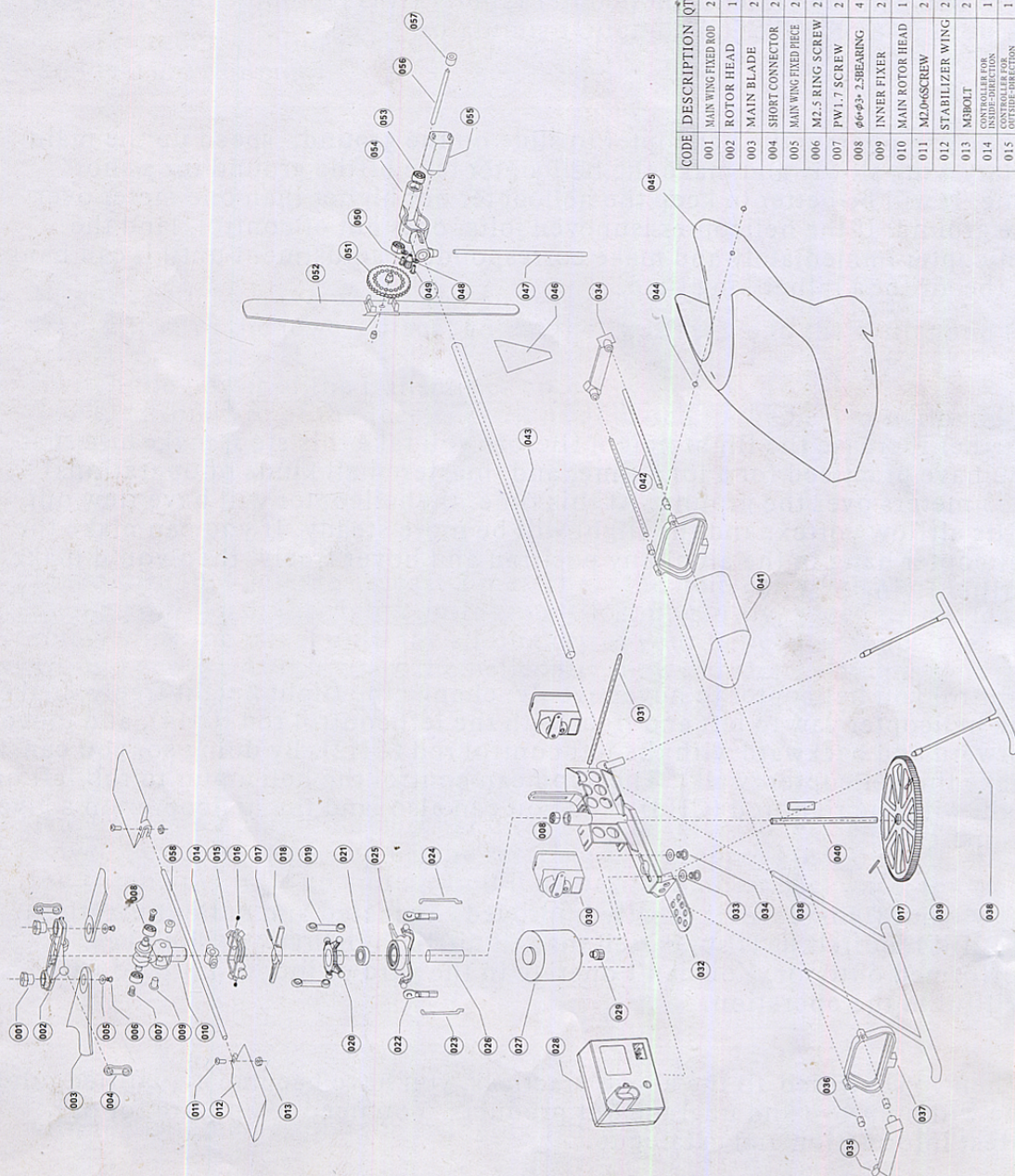
When you fulfilled all the above practices, you have become a qualified pilot. We will improve and upgrade our products. You need to enquire for our latest information and catalogue.

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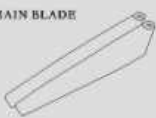




















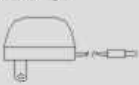





CODE	DESCRIPTION	QTY
016	SCREW	2
017	LOCK PIN	2
018	STEERING CONTROLLER	1
019	LONG CONNECTOR	2
020	SWASH TINNER PLATE	1
021	φ13-φ7-BEARING	1
022	SERVO CONNECTOR	2
023	SERVO CONNECTOR A	1
024	SERVO CONNECTOR B	1
025	SWASH OUTER PLATE	1
026	TUBE	1
027	MAIN MOTOR	1
028	CIRCUIT BOARD (SET)	1
029	MAIN MOTOR GEAR	1
030	SERVO	2
031	CABIN ROD	1
032	MAIN BODY	1
033	MAIN MOTOR PIECE	2
034	M3 MAIN MOTOR SCREW	2
035	BATTERY-FIXED SHELF	2
036	SOFT RUBBER LOCK	9
037	BATTERY FRAME	2
038	MAIN BODY SUPPORT FRAME	2
039	MAIN GEAR	1
040	MAIN BAR	1
041	BATTERY	1
042	BATTERY SUPPORT BAR	2
043	RUBBER LOCK	1
044	SOFT RUBBER HEAD	2
045	CABIN	1
046	TAIL WING	1
047	TAIL BAR	1
048	TAIL DIRECTION BLADE	2
049	M3 SCREW BRASS	2
050	TAIL MOTOR GEAR	1
051	TAIL MOTOR PLASTIC GEAR	1
052	INNER FIXER	2
053	φ6-φ2.3-BEARING	2
054	TAIL FRAME	1
055	TAIL MOTOR	1
056	TAIL BAR	1
057	RUBBER LOCK	1
058	BALANCE BAR	1



CODE	DESCRIPTION	QTY
001	MAIN WING FIXED ROD	2
002	ROTOR HEAD	1
003	MAIN BLADE	2
004	SHORT CONNECTOR	2
005	MAIN WING FIXED PIECE	2
006	M2.5 RING SCREW	2
007	PW1.7 SCREW	2
008	φ6-φ5.2-BEARING	4
009	INNER FIXER	2
010	MAIN ROTOR HEAD	1
011	M2.0-SCREW	2
012	STABILIZER WING	2
013	M3BOLT	2
014	CONTROLLER FOR OUTSIDE-DIRECTION	1
015	CONTROLLER FOR OUTSIDE-DIRECTION	1

ACCESSORY

<p>ROTOR HEAD</p>  <p>04-001</p>	<p>ROTATING FRAME</p>  <p>04-002</p>	<p>STEERING CONTROLLER</p>  <p>04-003</p>	<p>MAIN ROTOR GEAR</p>  <p>04-004</p>	<p>CRYSTAL (PAIR)</p>  <p>04-033</p>
<p>TAIL MOTOR</p>  <p>04-005</p>	<p>SHORT CONNECTOR</p>  <p>04-006</p>	<p>MAIN BODY SUPPORT FRAME</p>  <p>04-007</p>	<p>TAIL ROTOR GEAR</p>  <p>04-008</p>	<p>CIRCUIT BOARD (SET)</p>  <p>04-034</p>
<p>MAIN BLADE</p>  <p>04-009</p>	<p>LONG CONNECTOR</p>  <p>04-010</p>	<p>SERVO CONNECTOR</p>  <p>04-011</p>	<p>MAIN MOTOR BEARING</p>  <p>04-012</p>	<p>REMOTE CONTROLLER</p>  <p>04-035</p>
<p>TAIL MOTOR BEARING</p>  <p>04-013</p>	<p>TOP FRAME CONNECTOR</p>  <p>04-014</p>	<p>MAIN MOTOR</p>  <p>04-015</p>	<p>CABIN</p>  <p>04-016</p>	
<p>TAIL BLADE</p>  <p>04-017</p>	<p>STABILIZER ROD</p>  <p>04-018</p>	<p>TAIL ASSEMBLY FRAME</p>  <p>04-019</p>	<p>TAIL BAR</p>  <p>04-020</p>	
<p>BLADE STEERING</p>  <p>04-021</p>	<p>STABILIZER WING</p>  <p>04-022</p>	<p>BATTERY FRAME</p>  <p>04-023</p>	<p>TAIL SUPPORT BAR AND BLADE</p>  <p>04-024</p>	
<p>BATTERY</p>  <p>04-025</p>	<p>SERVO</p>  <p>04-026</p>	<p>SCREW</p>  <p>04-027</p>	<p>MAIN MOTOR CONNECTOR</p>  <p>04-028</p>	
<p>POWER ADAPTOR</p>  <p>04-029</p>	<p>MAIN BODY</p>  <p>04-030</p>	<p>ACCESSORIES</p>  <p>04-031</p>	<p>TAIL MOTOR CONNECTOR</p>  <p>04-032</p>	



⚠ WARNING!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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