

Heli-Max®



BLACK HAWK 1/43 Scale 4-Blade Instruction Manual

NOTICE

● The instruction manual, warranties and other associated documentation are subject to change without notice. Hobbico assumes no responsibility for inadvertent errors in this manual.

● **MAINTENANCE:** Due to the complex design of the BLACK HAWK Helicopter this product is for an intermediate pilot with previous RC helicopter experience. This detailed scale helicopter has additional and more complex maintenance required than a standard "pod and boom" helicopter. The various detailed and delicate parts and enclosed mechanical assemblies require additional time and effort to access for maintenance. If you feel this product is not for you, please return it to the place of purchase before you use the product.

● Heli-Max products are to be used by ages 14 and over.

BLACK HAWK and the BLACK HAWK helicopter design are trademarks of Sikorsky Aircraft Corporation. They are licensed throughout the world to Shanghai Nine Eagles Electronic Technology Co., Ltd.

INTRODUCTION

Thank you for purchasing the Heli-Max BLACK HAWK Helicopter. We are certain you will get many hours of enjoyment out of this model. If you should have any questions or concerns please feel free to contact us at: helihotline@hobbico.com.

Full Scale BLACK HAWK Information and Specifications

The Sikorsky UH-60 BLACK HAWK is a four-bladed, twin-engine, medium-lift utility helicopter manufactured by Sikorsky Aircraft. The Army designated the prototype as the YUH-60A and selected the BLACK HAWK as the winner of the program in 1976, after a fly-off competition with the Boeing Vertol YUH-61.

The UH-60A entered service with the U.S. Army in 1979, to replace the Bell UH-1 Iroquois as the Army's tactical transport helicopter. This was followed by the fielding of electronic warfare and special operations variants of the BLACK HAWK. Improved UH-60L and UH-60M utility variants have also been developed. Modified versions have also been developed for the U.S. Navy, Air Force, and Coast Guard. In addition to U.S. Army use, the UH-60 family has been exported to several nations. BLACK HAWKS have served in combat during conflicts in Grenada, Panama, Iraq, Somalia, the Balkans, Afghanistan, and other areas in the Middle East.

General Characteristics

Crew: 2 pilots (flight crew) with 2 crew chiefs/gunners

Capacity: 2,640 lb (1,200 kg) of cargo internally, including 11 troops or 6 stretchers, or 8,000 lb (3,600 kg) (UH-60A) or 9,000 lb (4,100 kg) (UH-60L) of cargo externally.

Length: 64 ft 10 in (19.76 m)

Fuselage Width: 7 ft 9 in (2.36 m)

Rotor Diameter: 53 ft 8 in (16.36 m)

Height: 16 ft 10 in (5.13 m)

Disc Area: 2,260 ft² (210 m²)

Empty Weight: 10,624 lb (4,819 kg)

Loaded Weight: 22,000 lb (9,980 kg)

Max. Takeoff Weight: 23,500 lb (10,660 kg)

Powerplant: 2 × General Electric T700-GE-701C turboshaft, 1,890 hp (1,410 kW) each

Performance

Never Exceed Speed: 193 knots (222 mph, 357 km/h)

Maximum Speed: 159 kt (183 mph, 295 km/h)

Cruise Speed: 150 kt (173 mph, 278 km/h)

Combat Radius: 368 mi (320 nmi, 592 km)

Ferry Range: 1,380 mi (1,200 nmi, 2,220 km) with ESSS stub wings and external tanks

Service Ceiling: 19,000 ft (5,790 m)

Rate of Climb: 1,315 ft/min (4.5 m/s)

Armament

Guns: 2 × 7.62 mm (0.30 in) M240H machine guns, or 2 × 7.62 mm (0.30 in) M134 minigun, or 2 × .50 in (12.7 mm) GAU-19 gatling guns

Rockets: 70 mm (2.75 in) Hydra 70 rockets

Missiles: AGM-114 Hellfire laser guided missiles, AIM-92 Stinger air-to-air missiles

Bombs: Can be equipped with VOLCANO minefield dispersal system

For the latest technical updates or manual corrections to the Heli-Max BLACK HAWK visit the Heli-Max web site at www.helimax-rc.com. Open the “Helicopters” link, and then select the BLACK HAWK helicopter. If there is any new technical information, changes or important updates to this model, a “tech notice” box will appear on the page. Click the “tech notice” box to learn more.



When you see this symbol, please pay special attention and heed all warnings regarding the information within.

SAFETY PRECAUTIONS



Failure to follow these safety precautions may result in injury to yourself and others.

- Keep your face and body as well as all spectators away from the rotating plane of the blades whenever the battery is connected. Keep loose clothing, shirt sleeves, ties, scarfs, long hair or loose objects such as pencils or screwdrivers that may fall out of shirt or jacket pockets away from the rotors. The spinning blades of a model helicopter can cause serious injury. When choosing a flying site for your BLACK HAWK, stay clear of buildings, trees and power lines. AVOID flying in or near crowded areas. DO NOT fly close to people or pets. Maintain a safe distance from the helicopter.
- Your BLACK HAWK should not be considered a toy. Because of its performance capabilities, the BLACK HAWK, if not operated correctly, could cause injury to you or spectators and damage to property.

- Do not alter or modify the model. Doing so may result in an unsafe or un-flyable model.
- When and if repairs are necessary, you must correctly install all components so that the model operates properly on the ground and in the air. Please check the operation of the model before every flight to insure that all equipment is operating and that the model has remained structurally sound. Be sure to check linkages or other connectors often and replace them if they show any signs of wear or fatigue.

BATTERY WARNINGS

Battery Warnings and Usage Guidelines

Please read and understand the following regarding the usage of Li-Po batteries.

- Through the use of the included LiPo battery you have assumed all risk and responsibility regarding a LiPo battery and its use.
- ALWAYS unplug your battery from either the charger or helicopter after use. NEVER store your helicopter with the battery plugged into the helicopter.
- Do not attempt to charge your battery if it becomes swollen or hot.
- It's best to store your batteries charged and at room temperature. Storing a fully discharged battery may cause irreversible damage to the battery.
- Never disassemble, puncture or modify the battery pack in anyway.
- Never allow the battery temperature to exceed 150° F [65° C].
- If your battery begins to swell or “puff” during charge or discharge or becomes damaged in anyway, stop using it and contact Hobby Services at 217-398-0007 to learn the proper way to dispose of it.
- Keep track of you batteries at all times.

Charge Warnings

- Only use the included charger with the included LiPo battery. Do not attempt to use the provided charger with NiCd, NiMH or batteries with other chemistries.
- Do not leave the charger unattended while in use and always charge your batteries on a fire-resistant surface.
- Disconnect the battery and remove input power from the charger immediately if either becomes hot!
- Do not allow water or other foreign objects to enter the charger. Keep the charger away from moisture and do not submerge in water. Do not block the air intake holes of the charger; this could cause the charger to overheat.
- Please keep all electronic components out of the reach of children!

WARRANTY

Heli-Max guarantees this kit to be free from defects in both material and workmanship at the date of purchase. This warranty does not cover any component parts damaged by use or modification. **In no case shall Heli-Max's liability exceed the original cost of the purchased kit.** Further, Heli-Max reserves the right to change or modify this warranty without notice. In that Heli-Max has no control over the final assembly or material used for final assembly, no liability shall be assumed nor accepted for any damage resulting from the use by the user of the final user-assembled product. By the act of using the user assembled product, the user accepts all resulting liability. **If the buyer is not prepared to accept the liability associated with the use of this product, the buyer is advised to return this kit immediately in new and unused condition to the place of purchase.**

To make a warranty claim, **Hobby Services** 217-398-0007
send the defective part or 3002 N. Apollo Dr., Suite 1
item to Hobby Services Champaign, IL 61822
at this address. USA

Include a letter stating your name, return shipping address, as much contact information as possible (daytime telephone number, fax number, e-mail address), a detailed description of the problem and a photocopy of the purchase receipt. Upon receipt of the package the problem will be evaluated as quickly as possible.

CONTENTS



- Heli-Max TX 610 Transmitter and Manual (Transmitter not included with Tx-R model)
- BLACK HAWK Helicopter and Manual
- 600mAh 2S LiPo Flight Battery
- Charger and wall adaptor
- Low bounce tires
- Replacement detail parts
- Screwdriver

Required: 8 AA batteries

SPECIFICATIONS

General

Scale:	1:43
Management:	Collective Pitch, 120 degree CCPM, TAGS control
Motor:	Brushless
Shaft Drive Tail System:	Yes
Empty Weight:	175g (6.17 oz)
Weight RTF:	211g (7.44 oz)
Blade Length:	140mm (5.51")
Tail Rotor Diameter:	80mm (3.14")
Overall Length:	425mm (16.73")
Height:	100mm (3.39")
Width:	112mm (4.40")

Motor

Voltage:	7.4V
No Load Current:	0.5A
No Load Speed:	28500 V/RPM
KV Value:	3800
Size:	22 x 17
Weight:	21g

Controller

Max Current:	15 amp (5min)
Voltage:	11.1V
BEC:	1 amp
Slow Start Function:	Yes
Thermal Protection:	90°C ~ 120°C
Soft Cutoff:	Yes

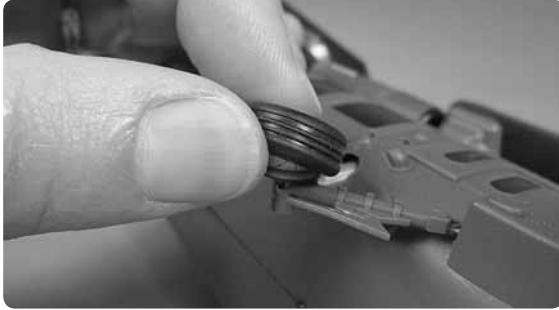
OPERATIONAL WARNINGS



- Please allow a 10 minute cool down period after each flight so the motor controller and motor can cool down. Failure to do so may cause loss of control due to the controller overheating and shutting down.
- Inspect the main rotor blades and blade screws before each flight for nicks or loose components. If any damage is found or if the blades have been damaged, replace the blades before flying the model again.
- The motor controller has a soft cut function that will reduce the power output to protect the flight battery. Toward the end of a flight you will notice a slight power reduction. Land the model immediately. The flight time of the BLACK HAWK can be as long as 6 minutes (Standard Hover) but this will vary depending on your flying style.
- After a crash you must inspect all plastic parts on the helicopter for damage before attempting to fly the model again.
- Always unplug your battery from the helicopter after use.



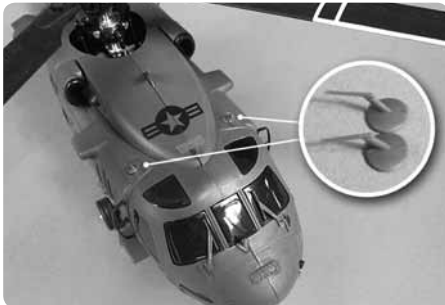
NOTE: If you are new to Scale Heli flying it's a good idea to install the included low bounce tires. These tires allow a little more shock absorption as you are learning to fly and land your BLACK HAWK.



To change the tires grasp the gear leg in one hand and peel away the scale rubber tire.



Slip on the low bounce tire with the smoother of the two rim flanges facing to the outside. **HINT:** To make the tires easier to slip on, make sure they are warm. Place them in your pocket for a few minutes to warm up before you attempt to install them.



We have also included a few extra detail parts for your convenience.

TRANSMITTER (RTF MODEL)

Please fully read the transmitter manual included with your helicopter to learn more about how to use and adjust your TX610.

Important Transmitter Functions



The **Throttle Hold Switch (HOLD/FLAP)** is used to disable the power output of the motor but has no effect on the other controls. The throttle hold function is intended for autorotation landings off power descent to landing; this maneuver is really not all that realistic in a model this size. In addition to autorotation the throttle hold function can be used as a safety switch while handling the model

since it disables power to the motor. Turn the transmitter on and set the throttle hold switch to the on position. Now you can safely connect the flight battery without having to worry about inadvertently moving the throttle stick once you place the model on the ground. Verify that the idle up switch is off and the throttle stick has been moved to its lowest position. Then, simply turn the throttle hold off. The model is now ready to fly. Another use for the throttle hold function is to disable the motor before a crash without having to drop the collective stick, possibly forcing the model into the ground.



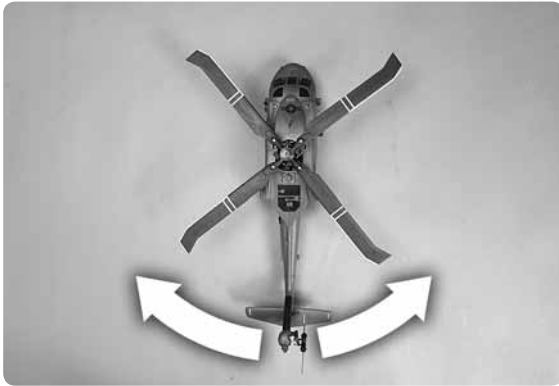
The **UP-1 function** is enabled and ready to use. The **UP-1 Switch (UP-1/GEAR)** function is used for aerobatics. If you are a beginner to aerobatics, remember this switch sets the motor speed (see your TX610 manual for details) while still allowing positive and negative pitch control. This means if you get confused flying, pulling the throttle stick back **WILL NOT** decrease the power to the motor but rather add

power. Hence it's a good idea to learn to use the Throttle Hold Switch when you feel a crash is imminent!

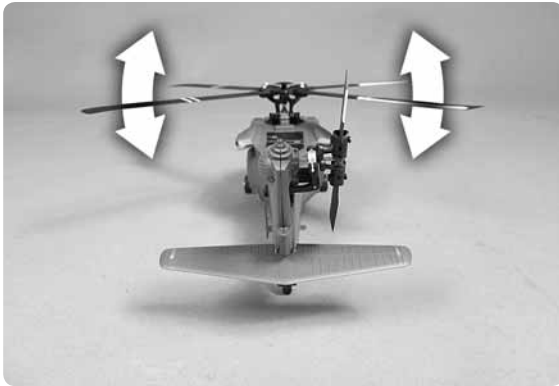
Stick Controls



Throttle/Collective (Pitch)



Tail (Rudder)



Left and Right Cyclic (Aileron)



Forward and Back Cyclic (Elevator)

It's also important to know that your TX610 transmitter is capable of a system reset (see how this is done in the TX610 Manual). If you decide to do a system reset, the factory setup numbers to the Heli-Max BLACK HAWK are listed here.

Below are the factory default parameters (Model Memory 8) for your BLACK HAWK Helicopter.

Heli-Max 610	AILE 1	ELEV 2	THRO 3	RUDD 4	GYRO 5	PITC 6
Parameter (PARA)	HELI					
Reverse (REVR)	N	N	N	N	N	N
Dual Rates (D/R)	100/80	100/80		100/80		
Exponential (EXPO)	-10	-10		0		
Normal Throttle (N-TH)	0	45	72	85	100	
Normal Pitch (N-PI)	48	55	62	65	70	
Idle Up Throttle (I-TH)			DIAL			
Idle Up Pitch (I-PI)	45	55	61	65	74	
Throttle Hold (HOLD)	ON 0					
Gyro Mixing (GYRO)	75 switch down			25 switch up		
Swashplate Type (SWSH)	90 deg					

GETTING THE MODEL READY TO FLY

Install Batteries In The Transmitter



Remove the battery cover from the back of the transmitter and install eight “AA” batteries into the transmitter. Double-check the polarity of each battery before replacing the battery cover.

Charge the Flight Battery



Plug the wall power supply into any 110V standard outlet. Plug the remaining 4mm plug into the side of the charger box.



The Red LED will light and the charger will sound a beep letting you know your charger is receiving power.

Plug the battery’s balance lead (the white connector) into the side of the charger. The charger will again beep and the green LED will start to flash. Charging is

complete when the charger beeps and the red and green light remain on.

WARNING: NEVER leave your charger unattended when charging and never leave the battery pack plugged into the charger after completion.

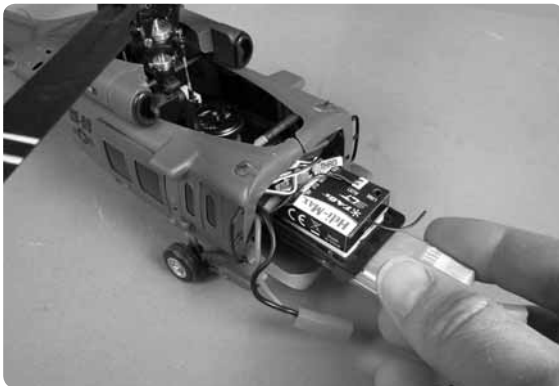
Turn the Transmitter On

Verify that the HOLD/FLAP and UP-1/GEAR functions are off and slide the power switch up to turn the transmitter on. If the transmitter is turned on with the HOLD/FLAP, UP-1/GEAR or throttle stick forward, the screen will show “3D” or “T-H” and a warning will sound. Turn the HOLD/FLAP and UP-1/GEAR functions off and/or move the throttle stick to the low position to continue. Now is a good time to make sure the electronic trim buttons on the transmitter are centered. We do not need to use them as the Incredible Heli-Max TAGS system controls all flight center trims.

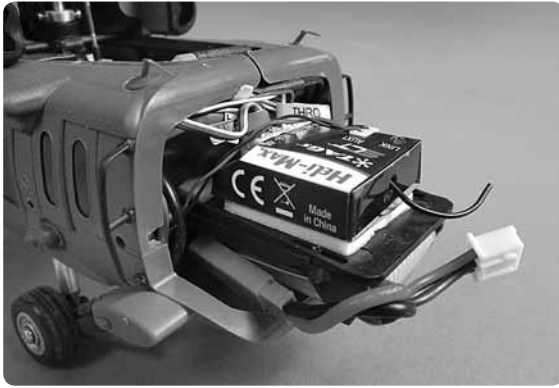
Install the Flight Battery



Slide the front portion of the canopy forward to expose the battery compartment.



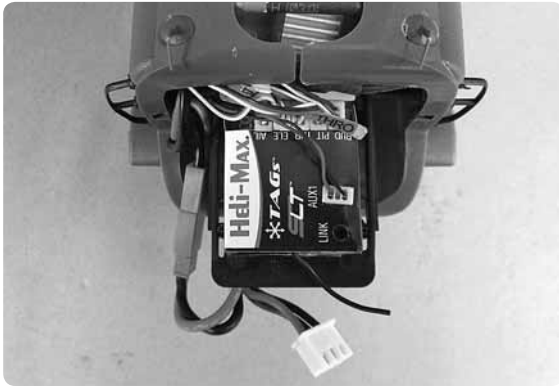
Slide the battery into the helicopter. Make sure the battery is slid all the way into the battery tray.



Plug the battery into the helicopter. Make sure the charge/balance lead is tucked near the front of the battery and the battery plug is neatly tucked away.



Once the flight battery has been connected, always handle the helicopter as if it has full power available.



The helicopter must remain still for the gyro to initialize properly. This process can take up to 5 seconds. You will see the LED near the front of the control board stay steady on. The LED near the center of the board will flash.

It's a good idea to grasp the helicopter and rotate it from side to side to verify the gyros are working. Replace the canopy; turn off the HOLD/FLAP switch. The helicopter is ready to go.



Carefully slide the canopy back into place and you're ready to go.

To learn more about flying your BLACK HAWK skip forward to the "Start up and Operation" portion of the manual.

For your reference here is the default setup for the Heli-Max TX610 Transmitter.



Your BLACK HAWK uses the Tactic SLT protocol. This means, with the simple addition of the Tactic Anylink to your favorite transmitter, you can enjoy your Heli-Max BLACK HAWK with a familiar transmitter. After the purchase of your Anylink, make sure to fully read the instructions so you understand how to properly and safely use the Anylink system.

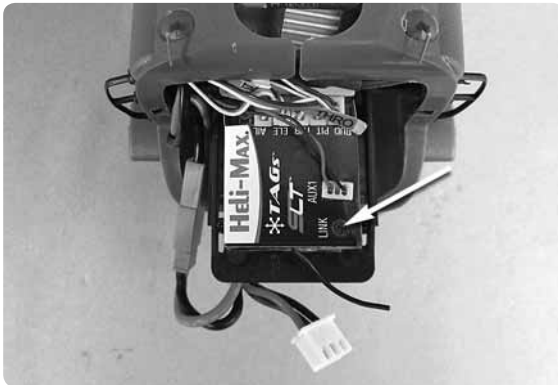


When using the Anylink you must make sure to follow the proper mapping procedure for your radio brand. Failing to do so could cause an unsafe condition. How to map your transmitter, as well as a list of compatible transmitters, is included with your Anylink. You can find this and more information on the Tactic website, www.tacticrc.com.

LINKING

The Tx-R version of the BLACK HAWK requires you to link your transmitter to the helicopter. When using a Tactic SLT transmitter or Anylink one must follow the procedure below to complete the task. If you need to link or re-link for any reason, here is the proper procedure to do so.

1. Turn on the transmitter, making sure all the switches are in the back position and the throttle is down.



2. Remove the canopy from the helicopter and locate the small black button near the front of the PC board.

3. Place the transmitter in close proximity to the helicopter (1 to 2 feet away).
4. Plug a fully charged the battery into the helicopter.
5. Press and hold the Link button for 3 seconds or until the LED remains on.
6. Monitor the flashing LED. When it stays on without flashing your transmitter is now linked to the helicopter. Note: there is a second LED in

the center of the PCB. When your transmitter is linked and the helicopter held still this LED will flash letting you know your TAGS stabilization system is working and ready.

Here are some Transmitter setup guidelines to help you get started.

FUTABA: You will find that regardless of the Futaba system you choose the basic setup is the same. This includes the Futaba 6EX, 7C, T6J, TJ8 as well as others. We have listed the setup of a Futaba T6J transmitter. It's also worth noting that even though the BLACK HAWK uses 120 degree CCPM (Cyclic-collective-pitch-mixing) that with the Heli-Max TAGS system you must select the 90 degree swash arrangement. In a Futaba system this is called H-1 or 1-S under swash type.

The setups listed will get you going and might suit your flying style. If not please feel free to make adjustments to suit your flying style.

Here is a good setup for the Futaba 6J.

Futaba TJ6	AILE 1	ELEV 2	THRO 3	RUDD 4	GYRO 5	PITC 6
Parameter (PARA)	HELI					
Reverse (REVR)	N	N	R	N	N	N
Dual Rates (D/R)	100/80	100/80		100/100		
Exponential (EXPO)	-10	-10		0		
Normal Throttle (N-TH)	0	45	72	85	100	
Normal Pitch (N-PI)	45	55	60	66	72	
Idle Up Throttle (I-TH)	70	70	72	80	85	
Idle Up Pitch (I-PI)	35	50	60	66	72	
Throttle Hold (HOLD)	ON 0					
Gyro Mixing (GYRO)	ON	SW A	+60	+60		
Swash Ring	90					
Swashplate Type (SWSH)	H-1					
Timer (TIMR)	5 min					

We have also included a basic setup for Spektrum users as well.

Spektrum DX6i	AILE 1	ELEV 2	THRO 3	RUDD 4	GYRO 5	PITC 6
Parameter (PARA)	HELI					
Reverse (REVR)	R	R	N	R	N	N
Dual Rates (D/R)	100/80	100/80		100/80		
Exponential (EXPO)	POS 10	POS 10		0		
Normal Throttle (N-TH)	0	45	70	85	100	
Normal Pitch (N-PI)	45	55	60	66	72	
Idle Up Throttle (I-TH)	70	70	72	80	85	
Idle Up Pitch (I-PI)	35	50	60	66	72	
Throttle Hold (HOLD)	ON 0					
Gyro Mixing (GYRO)	75 switch down			75 switch up		
Swashplate Type (SWSH)	90 deg					
Timer	5 min					

Spektrum is a registered trademark of Horizon Hobby, Inc.

This is a good setup for the Tactic 650. The Tactic 650 is SLT ready and does not require any Anylink Module.

Tactic 650	AILE 1	ELEV 2	THRO 3	RUDD 4	GYRO 5	PITC 6
Type	HELI					
Servo Set	Servo Rev	N	N	R	N	N
	Travel	100	100	100	100	100
	Sub Trim	0	0	0	0	0
Dual Rate	100/80	100/80		100/100		
Expo	-10	-10		0		
TH Cut	Factory					
TH Hold	Factory					
TH Curve Normal	0	NULL	+72	NULL	+85	
TH Curve UP-1	+70	NULL	+72	NULL	+85	
TH Curve UP-2 STUNT	+100	NULL	+85	NULL	+100	
PI Curve Normal	-5	NULL	+18	NULL	+35	EXPO ON
PI Curve UP-1	-15	NULL	+18	NULL	+35	EXPO ON
PI Curve UP-2 STUNT	-20	NULL	+16	NULL	+40	EXPO ON
Gyro	+60 switch up			+60 switch down		
Throttle Mix	NULL					
Rev Mix	NULL					
Swash Ring	110					
Program Mix	NULL					
Timer	5 min					

FLYING YOUR BLACK HAWK

Takeoff

During your first flights it is important to have light winds. Also, if you are flying from grass, place a rubber mat or pad down on the grass so the small rotating parts don't get hung up in the grass.

Turn off the hold switch and very slowly add power and observe the model. During "spool up" It is important to note the torque of the main blades can cause the helicopter to rotate slightly clockwise. This is normal.

Your BLACK HAWK has the incredible Heli-Max TAGS system. The TAGS system takes care of all center trim function the transmitter. Having said this, you do not need, or want, to move or adjust the trim buttons during flight. If you notice any slight drifting give it some time. After the helicopter's swash and servo links "break-in" the drift will diminish.

Hovering

Once the helicopter is in the air simply try to keep the helicopter in one spot. This will take some practice. Remember that even a light breeze will have an effect on the stability of the helicopter, so please take your time, be patient and wait for a calm day.

Landing: Level the helicopter into a steady hover and slowly decrease power until the helicopter settles onto the ground. You might notice as the helicopter is ready to touch down it moves around a little. This is normal as the helicopter enters ground effect. Remember to unplug the battery from the helicopter after your flight is complete.

Basic Maneuvers

Once you are comfortable with hovering in one place, start working on orientations. By this we mean to say, hover the helicopter in all positions, nose to the right, nose to the left and the nose pointing at you (nose-in). Getting good at this fundamental discipline will allow you to progress much faster in some of the more advanced flying maneuvers.

Slow Pirouettes: Add a small amount of tail rotor (left or right) and try rotating the helicopter slightly sideways and see if you can hold it there. If you become uncomfortable you will want to bring the tail back towards you. Once you are comfortable, try moving the helicopter to the side and turning back. Then fly back to the other side in straight lines. You can try rotating the helicopter around 360°, which is called a pirouette. The helicopter can drift during this maneuver so make certain you have plenty of room when you first start practicing.

Forward Flight: Now it's time to work into basic forward flight. Just take the basic hovering maneuvers listed above and slowly fly out farther and faster and always bring the helicopter back after one pass. Practice controlled slow flight in close as well. The more time you spend practicing here, the easier things will be later on.

Chandelles: Your first step is chandelles. Fly straight across in front of you and pull up to a 45° angle. Now at the top, when the helicopter slows down to a stop, apply left or right tail rotor to bring the nose around 180° and continue back down the 45° angle. As you progress with the maneuver you can pull a greater angle than 45°, but 90° would be considered a “stall turn”.

PARTS LIST

- 1 HMXE2515 Main Rotor Blade Set Black / White
- 2 HMXE2522 Main Rotor Blade Grips w/ Pitch Control Linkage
- 3 HMXE2501 Feathering Shaft
- 4 HMXE2502 Head Button Black
- 5 HMXE2503 Head Block Metal Black
- 6 HMXE2524 Swashplate
- 7 HMXE2504 Main Shaft
- 8 HMXE2543 Bearing Set Main Frame MR63 3x6mm
- 9 HMXE2516 Main Frame
- 10 HMXE2525 Battery Frame
- 11 HMXE2517 Main Gear
- 12 HMXE2526 Tail Servo Mount
- 13 HMXE2527 Tail Boom Support
- 14 HMXE2538 Fuselage Mount Set
- 15 HMXE2535 Servo Head Linkage
- 16 HMXG8034 Brushless Outrunner Heli Motor 3800KV
- 17 HMXM2049 SH300 Servo 3.5g 100 mm Lead Length
- 18 HMXM2045 SH301 Servo 3.5g 180 mm Lead Length
- 19 HMXM2046 SH301T Servo 3.5g Tail Lock High Speed
- 20 HMXM2048 Receiver / 3 Axis Gyro E-Board 2.4GHz
- 21 HMXM2047 Brushless Controller 15A 7.4V - 11.1V BEC 1A
- 22 HMXP1011 LiPo 2S 7.4V 600mAh
- 23 HMXE2523 Servo Arms / Ball Studs / Screws (4) each
- 24 HMXE2518 Torque Tube Gear Front
- 25 HMXE2519 Tail Shaft Drive Gear Center
- 26 HMXE2520 Tail Shaft Drive Gear Upper
- 27 HMXE2528 Tail Rotor Shaft with Gear
- 28 HMXE2529 Tail Rotor Pitch Control Arm
- 29 HMXE2530 Tail Linkage Bellcrank
- 30 HMXE2531 Tail Wheel Black / Green
- 31 HMXE2505 Tail Rotor Bearing Set
- 32 HMXE2532 Tail Wire Guide
- 33 HMXE2533 Horizontal Torque Tube Assembly
- 34 HMXE2534 Vertical Torque Tube Assembly
- 35 HMXE2536 Horizontal Tail Rotor Linkage
- 36 HMXE2537 Vertical Tail Rotor Linkage
- 37 HMXE2511 Tail Fuselage Left Black / Green
- 38 HMXE2512 Tail Fuselage Right Black / Green
- 39 HMXE2513 Horizontal Stabilizer Black / Green
- 40 HMXE2540 Tail Rotor Pitch Slider
- 41 HMXE2506 Tail Rotor Hub
- 42 HMXE2539 Tail Rotor Blade Grips

- 43 HMXE2521 Tail Rotor Blade Set
- 44 HMXE2507 Screw Set
- 45 HMXE2542 Landing Gear Front Black / Green
- 46 HMXE2508 Canopy Black / Green
- 47 HMXE2509 Fuselage Right Black / Green
- 48 HMXE2510 Fuselage Left Black / Green
- HMXE2541 LED Light
- HMXJ2025 TX610 SLT 6-Channel Transmitter
- HMXM2040 Transmitter Trainer Cord
- HMXP1006 AC Charger Adapter
- HMXP2018 Charger 2S

EXPLODED VIEW

