

X-Cell FURION450™

Electric Aerobatic Mini Helicopter Kit



Revolutionary 450-sized Electric Heli Performance

For the serious heli modeler who demands the very best in a mini-sized electric machine, there's only one kit that delivers on all counts: the X-Cell Furion 450. Only the finest materials have been utilized, sourced from all over the world. Those materials have been combined with the latest construction techniques and the most rigorous testing imaginable to develop a true contest-winning machine. Quality, craftsmanship and attention to detail — the X-Cell Furion 450 is first-class flying all the way.

- *Features 38 high-quality bearings, including two thrust bearings and a one-way Torrington bearing.*
- *Carbon fiber, anodized aluminum and molded plastic are used throughout.*
- *Two pinion gears are included to expand motor options.*

A heli this advanced deserves
top-of-the-line accessories!



Futaba. 7CH Transmitter w/R617FS 2.4GHz FASST Receiver

It's as versatile as a 9-channel, and as easy to use as a 4-channel — thanks to the intuitive ease of Dial 'n Key™ programming. All of the cornerstones of 2.4GHz dependability are here — from the Easy-Link™ and Continuous Channel Shifting to patented Pre-Vision™ and Dual Antenna Diversity. You also get the R617FS FASST receiver that's compact enough for park flyers, yet powerful enough to control giant-scale aircraft. And because this transmitter/receiver does not include servos, you're free to select your own!

FUTK7005



Futaba. S3156MG Digital High Torque Micro Servos w/Metal Gears

The extremely small size and light weight of this servo makes it ideal for the Furion 450, and it has been upgraded with the added durability of metal gears and a ball bearing for smoother operation. Digital operation means precision performance and near-instantaneous response.

FUTM0656



Futaba. S9257 High Torque Heli Rudder Servo

Designed specifically for helis, the S9257 has the speed to keep tail rotors under control during any type of maneuver.

FUTM0667



Futaba.

GY401 Gyro
SMM (Silicon Micro Machine) technology delivers better-than-piezo performance, with superior shock- and vibration-resistance that allows the GY401 to be exceptionally precise.

FUTM0807



FlightPower™ Lithium Polymer

**FlightTech 60A ESC
w/BEC 2-6 LiPo**

A high-performance ESC that handles 60 amps of current — perfect for small electric helis.

FPWM0234



Electrifiy™ 11.1V 2200mAh 25C LiPo Battery

Outperforms comparable battery packs, producing more power while running cooler. Comes equipped with Deans® Ultra® female connectors, and wired for balancing.

GPMP0520



EVO 25 2500 Balanced LiPo Pack

Cranks out 2500mAh of capacity along with a 25C discharge rate, with the FlightPower advantages of consistently superior cell selection and matching and strict quality control standards.

FPWP0333

www.furionheli.com

The X-Cell Furion 450 is manufactured by Miniature Aircraft USA® and distributed exclusively through GREAT PLANES® MODEL DISTRIBUTORS COMPANY, P.O. BOX 9021, CHAMPAIGN, IL 61826-9021

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■ Every moving part of the tail rotor assembly is supported by precision ball bearings.



■ The CCPM unit is designed to eliminate unwanted control interaction, with the servos mounted on rails up front to perfectly align the linkage.



■ The main rotor features a highly adjustable Bell mixing ratio, allowing this heli to be dialed in to your needs.



■ The unique graphite blade grips enhance collective power by eliminating unwanted flex.



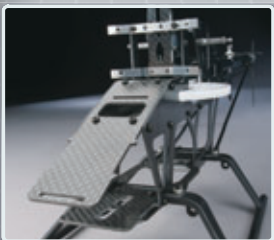
■ A graphite ring on the bottom of the swash plate adds protection, by ensuring that the bearing is captured.



■ The gyro mounts on the underside of the frame to help protect it from crash damage.



■ The servo tray is adjustable, allowing it to accept all popular micro servos.



■ Wide-space frame rails eliminate the need for spacers, providing more room for radio gear and easier motor access.



■ The gyro servo is both frame- and boom-mounted, combining the security of frame mounting with the convenience of boom mounting that allows for tail drive belt adjustments without having to change the linkages.



Join the electric heli elite.

FURION450™

For more information and the location of the nearest dealer, visit www.furionheli.com or call 1-800-682-8948 and mention code number 99B39.

www.furionheli.com

MINE0010 X-Cell Furion 450 EP Mini Heli Kit

Rotor Diameter: 28.3-28.7 in (718.5-728.5 mm)

Length: 25 in (635 mm)

Height: 8.7 in (220 mm)

Assembled Kit Weight w/o Accessories: 1.4 lb (650 g)

Main Drive Ratios: 13.63:1 (150T Main Gear/11T Pinion Gear)
11.53:1 (150T Main Gear/13T Pinion Gear)

Tail Drive Ratio: 4.63:1

Includes: 11T & 13T pinion gears

Requires: 6+ channel heli radio, (3) micro servos, heading hold gyro w/micro servo, 450-size brushless motor, 45A (min.) brushless ESC, 2000-2500mAh 3S 11.1V Lithium-Polymer battery, 320-325 mm carbon fiber main blades



■ The pulley-driven tail rotor belt is a simpler system that uses fewer parts than other 450-size helis, is easier to adjust and eliminates gear drive wear for a longer more reliable life.