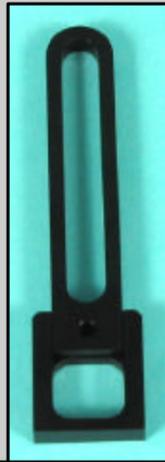
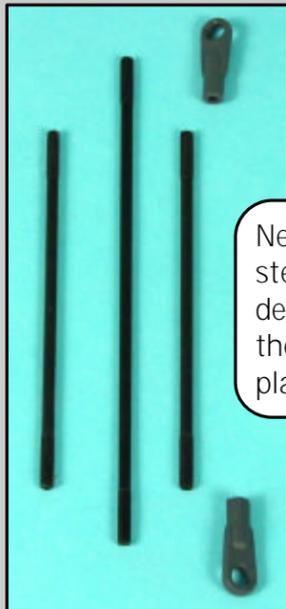


More Standard Features of the Fury Tempest FAI



New CNC aluminum anti-rotation guide



New heavy duty 2.6mm steel pushrods and new design ball links ensure the strongest swash-plate control system

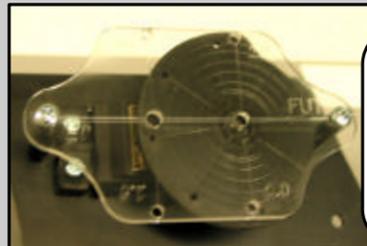
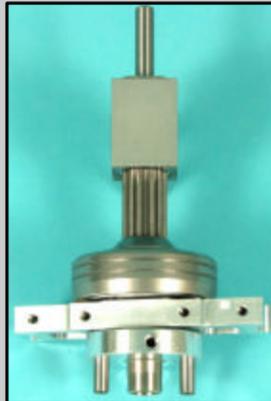


New Design CNC aluminum bell-cranks allow equal length swashplate pushrods and are part of the finest CCPM control system available.

Technical Data

Overall Length	1397 mm
Overall Height	476 mm
Main Rotor Diameter	Up to 1600 mm
Tail Rotor Diameter	Up to 309 mm
Blade Lengths Supported	680-710 mm
T/R Gear Ratio	4.66:1
Collective Pitch Range	25 Degrees
Total Weight - Approx	4.62 Kg/10.2 lbs
Engine Specifications	.75-.91 cu. In.
Standard Gear Ratio	7.66/7.75/7.91:1
Optional Gear Ratios	
8.18:1 8.36:1 8.45:1	11 tooth pinion
7.25:1 7.50:1	12 tooth pinion

New design clutch/driver assembly uses 22mm sealed bearing and threaded bearing blocks to prevent bearing pre-load



New Drill Guide simplifies servo arm setup - for Futaba/JR and compatible servos

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Presents

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The XCell Fury Basic, Expert and Extreme models, have set the industry standard for quality, performance and value. Now the standard is about to be raised again!

Introducing, the new



Over 2 years in the making, we've created the most adaptable model helicopter available on the market today. Almost every aspect of the Tempest can be easily adjusted or tuned to your particular flying style.

Gear ratios, head damping, bell mixer ratios, tail rotor output direction, positive or negative delta correction, leading or trailing edge main rotor blade control, flybar weights and flybar lengths are just some of the things that can be customized as you want and changed at any time.

Almost every aspect of the model has been improved. Made from only the finest materials, the Tempest is incredibly strong and durable and will continue to prove that the Fury line of models are the best value in the industry!

Have you imagined yourself flying huge beautiful maneuvers just like the FAI champions? Well the Tempest is the machine for you. Its the most stable model we've ever built! Its stability in hover and tracking through graceful aerobatic maneuvers is unmatched!

Standard Features of the Fury Tempest FAI



Precision machined rotor head blocks ensure perfect alignment

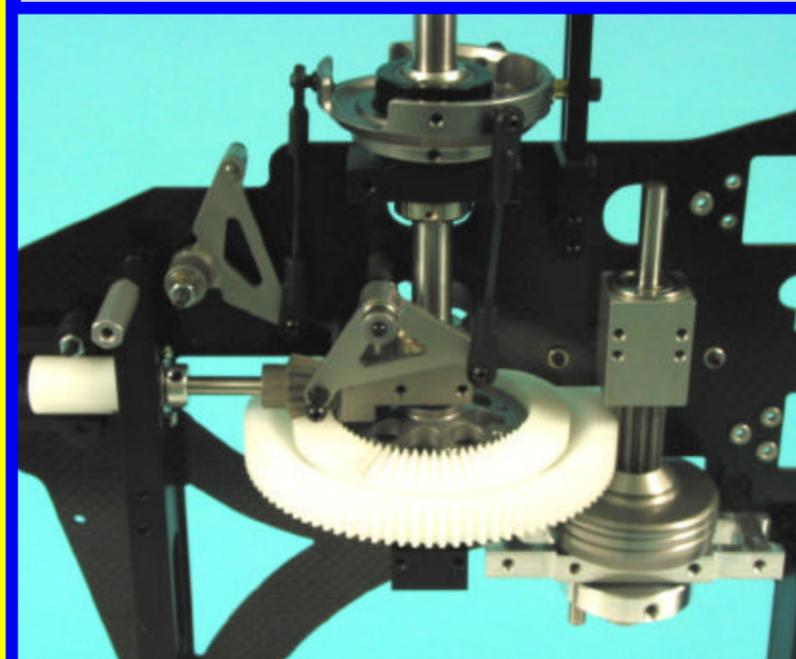


All New Pro-3 Fly bar Paddles. Easily assembled and allow for easy weight adjustment at any time. Thicker airfoil ensures smooth cyclic response. Weight ranges from 38 gms to 65 gms.

New Design Tempest Canopy with new frame mount points and four color decal striping kit



New Design Front tail boom support system with 33" Ultra Stiff tailboom



All new CNC milled graphite frames offer improved servo positioning.

4 bearing support for main shaft

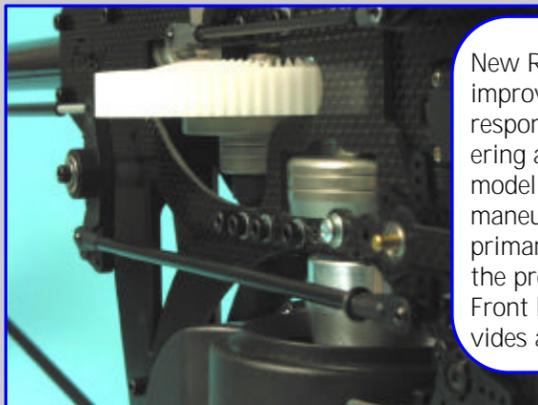
One piece lower main bearing block ensures perfect alignment of tail rotor drive gear

New design clutch driver bearing block with larger sealed ball bearing

Gear ratios easily changed using ratio change kits

The Fury Tempest FAI Tail Rotor Control System

- New Extreme Duty T/R Hub & bearings
- Heavy Duty blade grips with both radial and thrust bearings
- CNC machined aluminum T/R gearbox
- New Style Graphite T/R fin
- New One Piece CNC aluminum Pitch control yoke
- CNC ball-bearinged pivoting pitch plate and control links
- Graphite Ultra-Stiff Tail boom - 33"
- New Improved torque tube for heavy t/r drive loads
- Torque tube supported by double ballbearings
- New Right Side T/R output
- Dual Carbon Boom Braces



New Right Hand T/R output, improves tail rotor control response for precision hovering and also improves model tracking during rolling maneuvers. The servo and primary control linkage are the proven Fury design. Front bellcrank now provides a 1:1 mixing ratio



Extreme Duty!

New Design heavy duty T/R hub combines thrust bearings and new larger radial bearings in a bulletproof combination!

Check Out These Features!

New reversible CNC machined t/r bellcrank is easier to assemble and provides more accurate t/r control. Symmetrical design allows right or left hand tail rotor output.



New Design heavy duty T/R blade holders ensure smooth tail response



The Secret Behind The Handling of The Tempest

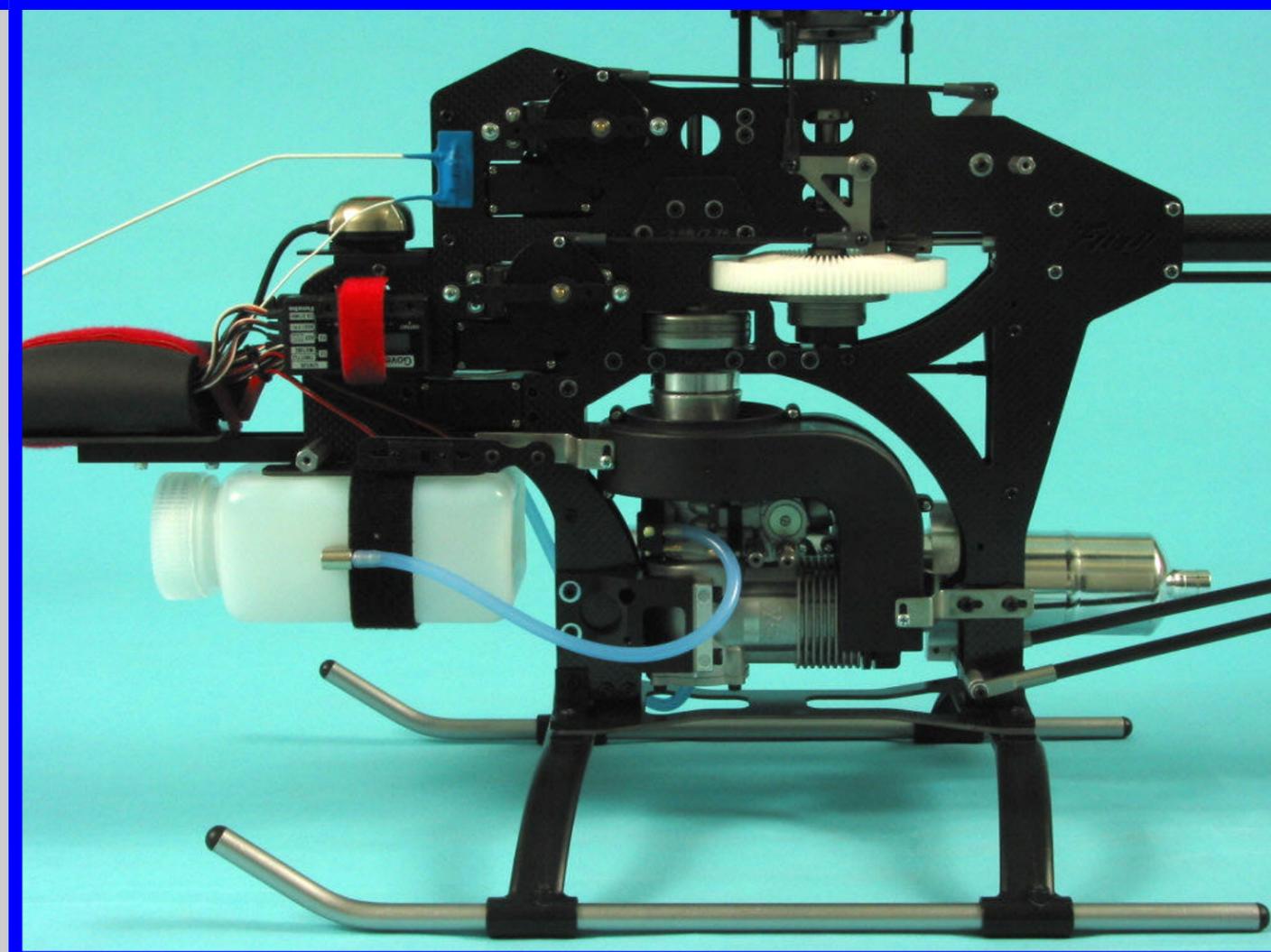
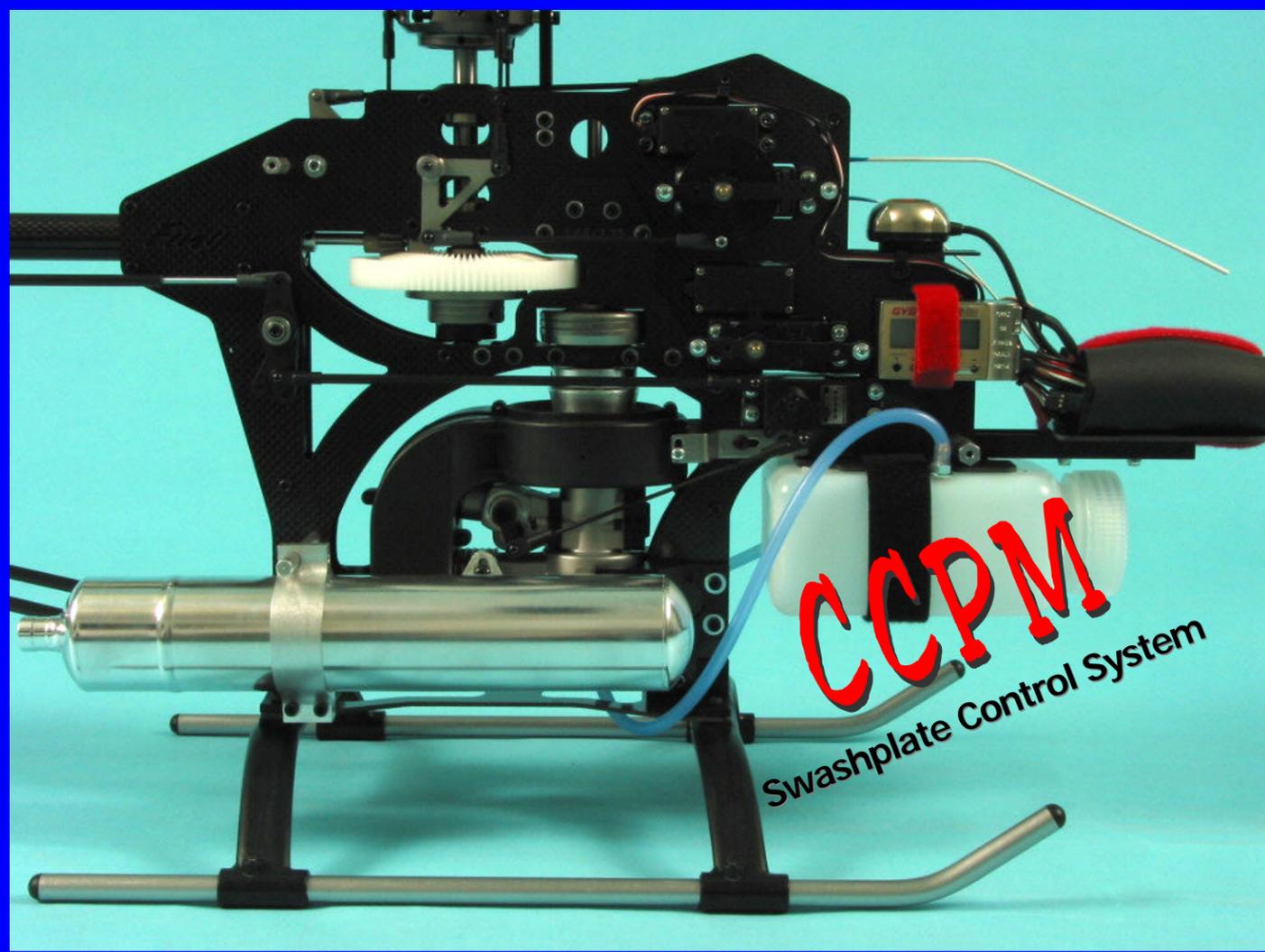


Precision CNC Machined Construction

The Fury Tempest FAI Rotor Head System Conceptual Design by 1995 F3C World Champion - Cliff Hiatt

Fully CNC machined FAI style rotor head which features:

- Precision two piece head block
- Increased rotor head diameter - 195mm
- 5mm blade bolts
- Simple, yet very precise construction
- Full floating axle with variable damping
- Variable positive and negative delta options
- Variable bell mixing options
- Increased fly bar authority without binding
- Adjustable flybar control input - 3 positions
- Easily built and repaired
- Accepts up to 710mm rotor blades
- New variable weight flybar paddles



Standard Features of the Main Mechanics:

- Designed for .75 thru .91 size engines
- Double-bearing, upper main shaft block
- Triple main shaft support bearing blocks (4 bearings)
- 12 tooth pinion gear - Std Gear Ratio - 7.66:1
- Factory pre-set gear meshes
- Mainshaft retained by Split collar clamps
- CNC aluminum anti-rotation guide
- Self-adjusting front boom clamps
- New 2.6mm steel pushrods and links
- All CNC aluminum metal washout assembly
- New fully linear swashplate & servo control geometry
- Improved CNC all metal washplate
- New design CNC aluminum bellcranks
- 16 oz fuel tank predrilled
- 90 degree fuel fitting
- CNC Aluminum Self-Aligning Cooling Fan
- Gear Ratios Easily Changed using Ratio Kits
- 3 bearing start shaft block - 3mm tapped
- Adjustable Center of Gravity
- Machined Aluminum Landing Gear Braces
- New Design CNC Milled Graphite Frames
- New Additional frame cross-bracing
- PEM Nuts attach points pre-installed
- CNC Machined engine mounts/support block

- New Design Tempest Canopy - Gel Coated Fiberglass
- CNC Aluminum boom support ends
- New CNC aluminum boom support block
- New CNC aluminum clutch driver support block
- Clutch/Driver now supported by 22 mm sealed bearing
- All moving points supported by ball bearings
- CNC aluminum Split Gear Sprag Autoration hub
- New equal servo throw ratio for all swashplate controls
- Self-Aligning clutch/driver assembly
- 100% machined Teflon Impregnated main gear
- Hex head machined control balls
- New design machined graphite lower frame support
- Four Color Decal Stripping Kit
- Main mechanics built on one frame for easy accessibility

Premium
Hi-Speed
Bearings

Bearing Count

Ball Bearings	56
Thrust Bearings	4
Sprag Bearing	1