

# FLY

A blue and white radio control airplane is shown in flight, banking to the right. The aircraft has a high-wing configuration and a single propeller. The background consists of a dense forest of green trees and a body of water in the foreground. The word "FLY" is written in large, bold, yellow letters across the top of the image.

**RADIO CONTROL AND MORE**  
AIRCRAFT • HELIS • ENGINES • ACCESSORIES

**HORIZON**<sup>®</sup>  
H O B B Y



## Innovation In Action

Horizon Hobby is a world leader in RC fun. Since 1985, we have been perfecting the RC experience. From buggies and trucks to boats, aircraft and premium transmitters, Horizon Hobby is passionate about helping you have fun with your hobby. Constantly challenging our standards has led us to develop some of the most influential technology in radio controlled flight. This year, Horizon Hobby continues to influence RC flight with an array of new aircraft and exciting innovations.



SAFE™ technology is the newest RC flight innovation from Horizon Hobby. SAFE makes adjusting to the sensation of flight easy for new pilots by enabling multiple flight modes and instant flight recovery with the revolutionary panic button function. The panic button also gives experienced pilots the opportunity to test the limitations of SAFE aircraft without having to worry about the consequences and assists immensely with teaching new pilots to fly while using a buddy box arrangement.

 **REVOLUTIONARY FLIGHT ENVELOPE PROTECTION**

 **ELECTRONIC STABILITY**

 **FLIGHT MODES FOR EVERY PILOT SKILL LEVEL**

## TECHNOLOGY KEY

Keep your eyes open for these logos so you can better identify which ground-breaking Horizon Hobby innovations are featured in each aircraft.



**SAFE™**  
(Sensor Assisted Flight Envelope)

SAFE™ technology provides a pilot with three flight modes, bank limiting, advanced stability and panic button recovery that automatically returns an aircraft to level flight at any time during use.



**AS3X®**  
(Artificial Stabilization - 3-aXis)

AS3X® technology provides advanced stabilization for enhanced precision and control during flight. When you fly with AS3X, you get a comprehensive piloting experience where you can concentrate more on your aircraft and less on adjusting to environmental conditions and flight variables.

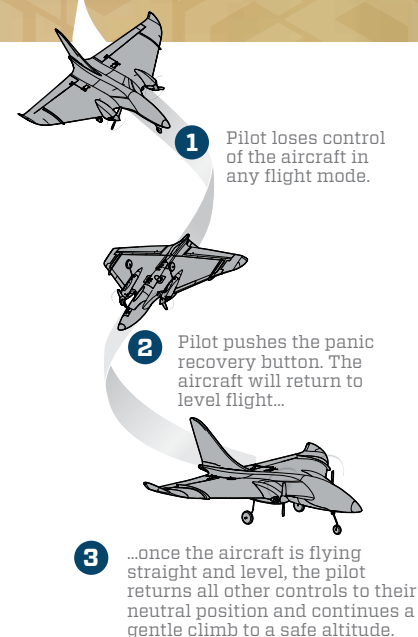


**Bind-N-Fly®**

Bind-N-Fly® technology opens you up to a world of RC aircraft options that can be used with one radio. Bind-N-Fly technology provides all the convenience of a Ready-To-Fly aircraft without any extra transmitters. Just bind your DSM2®/DSMX® transmitter to a Bind-N-Fly aircraft and you're ready to fly.

## RECOVER AT THE PUSH OF A BUTTON

At any time during a flight, Panic Recovery will get your aircraft to a safe flying attitude.





# The Safe Way To Start



- › **Delta Ray™**  
**RTF HBZ7900** **SAFE**
- SAFE™ technology provides a progressive learning experience with four modes
  - Full 4-channel control gives new pilots a comprehensive learning experience
  - If control is lost, "Panic Mode" returns the aircraft to stable, level flight with the push of a button!

Whether you want to teach yourself to fly or learn with the help of an instructor, SAFE technology delivers an unparalleled flight experience ideal for novice pilots. With SAFE technology, you can learn the basics of throttle, steering and pitch control with the security of instant flight recovery with the push of a button.

Learn more about SAFE technology by visiting [flysaferc.com](http://flysaferc.com)

Check out [HobbyZoneRC.com](http://HobbyZoneRC.com) for more aircraft.

## SAFE AIRCRAFT



- › **Apprentice® S 15e**  
**RTF EFL3100** **SAFE**
- SAFE™ technology provides a progressive learning experience with four modes
  - The ideal beginner's choice when learning to fly with an instructor
  - Powerful 15-size, 840Kv brushless outrunner motor installed



Looking for another way to teach yourself to fly? The HobbyZone Duet, while not SAFE technology equipped, is a great way to learn to fly and excellent value, too!

- › **Duet™**  
**RTF HBZ5300**
- 3-channel control allows climb, steering, and throttle
  - Virtual Instructor™ technology helps to remove the complexity of RC flight
  - Durable, lightweight construction helps prevent damage in case of a crash



### > VisionAire<sup>®</sup>

**BNF PKZ6580**

- Spektrum™ AR635 DSMX<sup>®</sup> receiver with AS3X<sup>®</sup> System, installed
- Powerful 10-size BL outrunner, 1250Kv, installed
- Carbon-reinforced Z-Foam™ construction



**PARKZONE<sup>®</sup>**

# Just Fly!<sup>®</sup>

ParkZone is all about getting out and enjoying RC flight on your terms. Each ParkZone<sup>®</sup> aircraft is designed and equipped to get airborne with as little hassle as possible for casual flying in large parks or RC airfields. With BNF, PNP and RTF completion level options, getting out and flying is easier than you think.

Check out  
**Parkzone.com**  
for more aircraft.



**SOAR WITH  
AUTHORITY**

## HISTORIC LOOK AND FEEL

Designed to pay homage to the heroic pilots of the past, RC warbirds offer accurate scale detail and performance. Available in nearly any size, if you have an interest in experiencing warbird excitement in action then chances are Horizon Hobby has an aircraft for you.



### > Mosquito Mk VI

**BNF BASIC PKZ6350**

- Spektrum™ AR610 DSM2<sup>®</sup>/DSMX<sup>®</sup> receiver, installed
- 4-channel control out of the box
- Twin 370-size, 1300Kv BL outrunner motors, installed



### > Focke-Wulf FW-190A-8

**BNF PKZ6250**

- Spektrum™ 6-channel DSM2/DSMX<sup>®</sup> sport receiver, installed
- 4-channel control—throttle, elevator, aileron and rudder
- Accepts E-flite<sup>®</sup> 10-15 size 74-degree electric retracts (EFLG115), sold separately



### > T-28 Trojan

**BNF PKZ4480**

- Spektrum AR600 DSMX 6-channel sport receiver installed
- 3S 1800mAh Li-Po battery and balancing charger included
- Powerful 480-size 960Kv brushless outrunner motor installed



### > F4U-1A Corsair

**BNF PKZ6080**

- Spektrum™ AR600 DSM2<sup>®</sup>/DSMX<sup>®</sup> receiver, installed
- 4-channel control—throttle, elevator, aileron and rudder
- Designed to accept E-flite 10- to 15-size 90-Deg Rotating Electric Retracts (EFLG120), sold separately



### > Radian<sup>®</sup>

**RTF PKZ4700**

- Spektrum DX5e 5-channel full range 2.4GHz DSM2/DSMX radio system
- Large 2-meter wingspan makes the Radian easy to see and provides an excellent lift-to-drag ratio
- Powerful 480-size, 960Kv outrunner brushless motor for efficient power





› **UMX™ AS3Xtra™**  
**BNF BASIC EFLU5150**

- AS3X® System agility with flight mode flexibility
- Four-channel, 3D maneuverability and control
- Ultra-lightweight power system delivers the best possible performance



**ULTRA MICROS**



› **ICON A5**  
**BNF PKZU2380**

- Authentic ICON A5 trim scheme
- ParkZone® DSM2®/DSMX® receiver/ESC/AS3X unit, installed
- Powerful 2500Kv brushless motor



Check out  
**Parkzone.com**  
and **E-fliterc.com**  
for more aircraft.

**SMALL SIZE.  
BIG FUN.**

Ultra Micro aircraft provide big thrills on a small scale. These intuitive flyers can be flown outdoors, or in large indoor spaces, each gives you the same thrills you'd expect from larger and more expensive RC aircraft.



› **Habu 180 DF**  
**BNF BASIC EFLU4450**

- AS3X® System for ultra-smooth stability and precision
- High-output brushless inrunner ducted fan motor, 11750Kv
- Four-channel control with performance linear long-throw servos



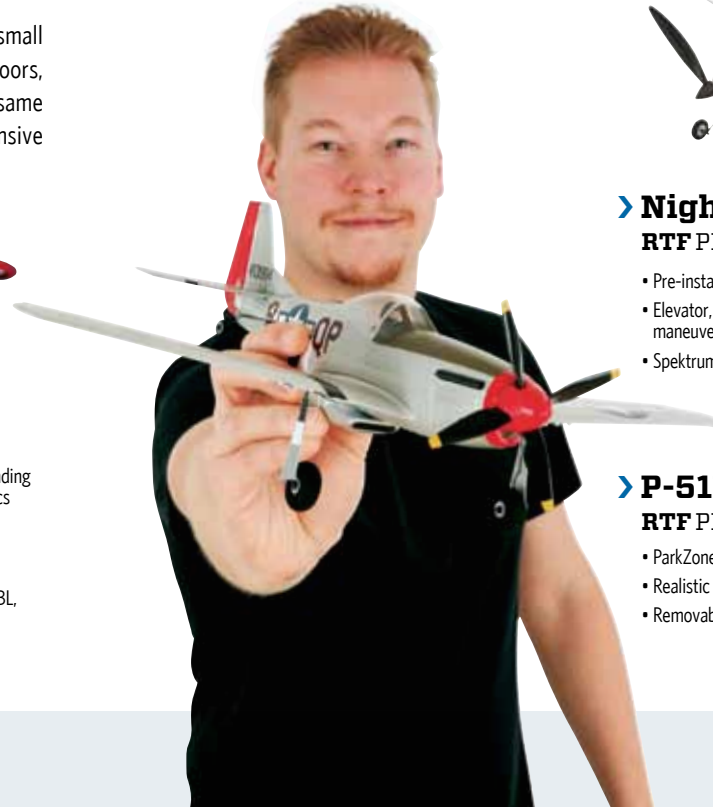
› **Carbon Cub SS**  
**BNF EFLU1180**

- AS3X® System for smooth handling and precise control, even in moderate winds
- Includes a top-mounted, ultra micro-size sailplane tow hook
- Converts to a floatplane quickly with optional E-flite® float set (EFLUA1190)



› **Yak 54 180**  
**BNF EFLU5080**

- AS3X® System for outstanding precision and 3D aerobatics
- Lightweight, hollow-core, carbon fiber reinforced construction
- Powerful yet efficient 180BL, 3000Kv brushless motor



› **Night Vapor™**  
**RTF PKZU1100**

- Pre-installed multi-colored LED lights allow for fun night flying
- Elevator, rudder and throttle provide true 3-channel flight and maneuverability
- Spektrum™ DSM2® radio technology eliminates interference

› **P-51D Mustang**   
**RTF PKZU2400**

- ParkZone® DSM2®/DSMX® receiver/ESC/AS3X® unit, installed
- Realistic 334th Fighter Squadron trim scheme
- Removable landing gear with steerable tail wheel



# Advancing Electric Flight

E-flite® aircraft are developed with industry leading innovations to enable the kind of quality performance intermediate and advanced pilots desire the most. Whether you're looking for a quality sailplane experience or a cutting edge aerobatic thrill machine, E-flite has you covered with an array of aircraft that utilize the newest innovations to deliver the perfect blend of form and function.

Check out  
[E-fliterc.com](http://E-fliterc.com)  
for more aircraft.

**E-FLITE**®

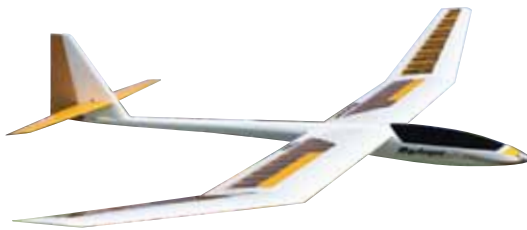
**EXPECT THE  
BEST**

If you're looking for premium sport level electric RC aircraft performance then you've come to the right place. These E-flite aircraft utilize intuitive technology and premium building materials to deliver an electric flight experience that makes the most of your skills and talent.



› **Beast® 60e**  
**ARF EFL9000**

- Lightweight laser-cut balsa and plywood construction
- High power-to-weight ratio with 3D capability
- Ready to mount the recommended high-output E-flite® Power 60, 470Kv motor
- Fast four-screw and four-pin field assembly



› **Mystique® RES 2.9m**  
**ARF EFL4915**  
**Mystique 2.9m**  
**ARF EFL4905**

- Streamlined fiberglass fuselage with built-in vertical fin
- Large canopy provides easy access to equipment
- Heavy-duty carbon fiber wing and stabilizer joiners

› **Carbon-Z® Yak 54 3X**  
**BNF BASIC EFL10075** **AS3X** **BNF BASIC**  
**PNP EFL10575**

- AS3X® system (BNF Basic version only) delivers precision and agility without equal
- Exceptionally strong and lightweight Carbon-Z airframe
- High-performance prop optimized for precision and 3D flying
- Quickly disassembles for transport or storage



› **P-51D Mustang 280**  
**BNF BASIC EFL6150** **BNF BASIC**

- Potent power system includes a BL280, 1800Kv outrunner
- High-speed digital servos and Spektrum™ DSMX® Nanolite 6-channel receiver installed
- Accurate outline and a high level of scale detail
- Includes an E-flite® 450mAh 11.1V 3S 30C Li-Po battery





**ACCELERATE THE POSSIBILITIES**

E-flite accessories are built with uncompromising quality to help take your flight experience to its full potential. With a wide array of quality power solutions and more, you can count on E-flite to consistently deliver premium performance after every charge or install.

› **EFC™ 720p HD Video Camera**  
EFLA800

- Lightweight 15 gram design suitable for park flyers and up
- In-flight camera control can operate from any open receiver channel
- Features full-color 720p HD video and 1.3M still image capability

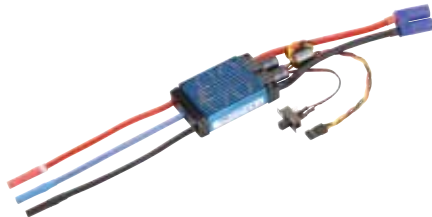


Actual Size!

**E-FLITE® ACCESSORIES**

Check out [E-fliterc.com](http://E-fliterc.com) for more accessories.

**ESC'S**



- › **EFLA1080B**  
80-Amp Pro Switch-Mode BEC Brushless ESC (V2)
- EFLA1060B  
60-Amp Pro Switch-Mode BEC Brushless ESC (V2)
- EFLA1040B  
40-Amp Pro Switch-Mode BEC Brushless ESC (V2)
- EFLA1030B  
30-Amp Pro Switch-Mode BEC Brushless ESC (V2)
- EFLA1010  
10-Amp Pro Brushless ESC

**BATTERIES**



- › **EFLB32006S30**  
3200mAh 6S 22.2V 30C Lipo Battery
- EFLB44006S30  
4400mAh 6S 22.2V 30C Lipo Battery
- EFLB28004S30  
2800mAh 4S 14.8V 30C Lipo
- EFLB22003S30  
2200mAh 3S 11.1V 30C Lipo Battery
- EFLB13503S30  
1350mAh 3S 11.1V 30C Lipo Battery

**MOTORS**

- › **EFLM4010A**  
Power 10 Brushless Outrunner, 1100Kv
- EFLM4025C  
Power 25 Brushless Outrunner, 1000Kv
- EFLM4046A  
Power 46 Brushless Outrunner, 670Kv
- EFLM4060B  
Power 60 Brushless Outrunner, 470Kv
- EFLM4090A  
Power 90 Brushless Outrunner, 325Kv
- EFLM4110A  
Power 110 Brushless Outrunner, 295Kv
- EFLM4180A  
Power 180 Brushless Outrunner, 195Kv
- EFLM4360A  
Power 360 Brushless Outrunner, 180Kv



› See more performance enhancing RC accessories at [E-Fliterc.com](http://E-Fliterc.com)

# FLY First Class

Hangar 9® aircraft are built using the finest materials for an authentic flight experience that is on-par with a personal build. Hangar 9 has set the standard for sport pilots with giant scale RC aircraft and are ready to deliver action to advanced pilots.



## › F4U-1D Corsair 60cc ARF HAN4760

- Superb flying characteristics, plus an accurate scale outline
- Convenient three-piece wing assembly with aluminum blade spar
- Designed to fit a wide variety of 2- and 4-stroke engine options

Check out  
[Hangar-9.com](http://Hangar-9.com)  
for more aircraft.

HANGAR 9®

## AS REAL AS IT GETS

Hangar 9® warbirds pay homage to their historic counterparts with extreme attention to detail and a massive scale RC flight experience. In order to provide the most authentic flight characteristics possible, Hangar 9 warbirds have been optimized to mimic the flight operations of their full scale inspirations.



## › P-47D Thunderbolt .60 ARF HAN2790

- Operational flaps provide an enhanced appearance and flight envelope
- Accurate representation of the scale outline
- Fiberglass cowl with dummy engine, plus intercooler exhaust doors, turbo and waste gate exhaust detail
- Printed, flat finish UltraCote® covering with extensive panel line detail



## › 1/5 Scale Spitfire Mk IX 30cc ARF HAN4495

- Includes fixed landing gear, gear doors, scale tires and 4-spoke Spitfire wheels
- Cowl details include carburetor intake, compressor intake and molded engine exhaust
- Lightweight balsa and plywood construction with airfoiled tail surfaces



## › DHC-2 Beaver 30cc ARF HAN4545

- High-quality wood construction with laser-cut parts
- Painted fiberglass cowl with scale dummy engine
- Ready to accept the recommended Evolution® 33GX gas engine
- Corrugated scale surface detail on the flight controls



## › Inverza™ 33 ARF HAN4925

- An evolutionary original design purpose built for modern precision and 3D aerobatics
- Lightweight balsa/balsa-plywood construction
- Generous wing area for an extra-light wing loading



> **Inverza™ 62**  
ARF HAN5195

- Unique design with a high-level of precision and performance attention
- Super-light wing loading provides outstanding 3D stability
- Vibrant color scheme by Mirco Pecorari

> **62cc**  
Gas Engine  
EVOE62GX1

- SureFire™ EFI Electronic Fuel Injection System
- Electronic Ignition System with 7.4V battery compatibility

SUREFIRE<sup>EFI</sup>



EVOLUTION®

**EVOLVE YOUR RC PERFORMANCE**

Evolution® engines are among the most powerful and reliable engines on the market and are the ideal match for any Hangar 9 ARF arrangement or dream project. Whether you're looking to make your warbird fly more like its full-scale inspiration or you're just updating a favorite model, Evolution engines ensure that you'll fly with power and precision.



> **Spach® 342 .60**  
ARF HAN4215

- Compact airframe that delivers giant-scale feel and experience
- Lightweight laser-cut balsa and plywood construction
- Ready for multiple power options, including gas, glow and electric



> **10cc**  
Gas Engine  
EVOE10GX

- Standard 40- to 60-size beam mount allows for traditional mounting
- 4.8-8.4V ignition case is half the size of traditional ignition cases for more mounting options

> **15cc**  
Gas Engine  
EVOE15GX

- Lightweight construction based on the Evolution® 91NX glow engine
- Electronic ignition provides easy starts and superior reliability

> **20cc**  
Gas Engine  
EVOE20GX

- Standard .91 size beam mount allows for traditional mounting
- Single prop nut attachment allows the use of any stock propeller and makes for convenient prop replacement at the flying field

> **33cc**  
Gas Engine  
EVOE33GX

- Front mounted, Walbro-style carburetor for easy tuning and maximum performance
- Standard beam mounts or stand offs offer a wide variety of installation choices for the user

**BLADE**

Check out  
[Bladehelis.com](http://Bladehelis.com)  
for more helis.



> **350 QX**

**BNF** BLH7880

**RTF** BLH7800

- SAFE™ technology provides three flight modes with the flip of a switch
- GoPro®-compatible anti-vibration camera mount\* included (\*camera not included)
- Return Home function automatically lands at the home position

**BLADE**®

**VISIONARY  
FLIGHT**

Experience RC flight from a whole new perspective with the newest aerial camera platforms from Blade. These camera platforms utilize SAFE Technology for an effortless flight experience with advanced stability and stable video capture.

> **180 QX HD**

**BNF** BLH7480

**RTF** BLH7400

- Exclusive SAFE technology system
- E-flite EFC-720 HD camera with transmitter functionality
- Small enough to fly indoors and powerful enough to fly outdoors



**#1 BY DESIGN**

Blade® helis are designed by expert RC heli pilots to bring superior RC thrills to any skill level. Whether you're a first time pilot or advanced heli pro, Blade helicopters have you covered a path to success that can be followed from beginner to advanced levels. This is just a sampling of what's available in the blade path, to see more blade path heli options visit [www.bladehelis.com](http://www.bladehelis.com).

> **BEGINNER**

> **Scout CX™**  
**RTF** BLH2700

- Coaxial design makes learning to fly easy due to its inherent stability
- Advanced 2.4GHz radio control lets multiple Scout helis fly at the same time
- Everything you need to get flying in one box for under \$50!



> **INTERMEDIATE**

> **mCP X BL**  
**BNF** BLH3980

- AS3X® Flybarless System
- Powerful brushless main and tail motors
- Capable of aggressive 3D flight indoors or out



> **ADVANCED**

> **450 X**  
**BNF** BLH4380

- Spektrum™ AR7200BX DSMX® receiver with BeastX® technology
- Powerful E-flite® 440H 4200Kv brushless motor
- 325mm carbon fiber main blades



> **PROFESSIONAL**

> **700 X**  
BLH5725-Kit  
BLH5725C-Combo

- Integrated bearing block servo mount design with optimized geometry
- Direct-to-swash, flybarless head design
- Dual ball bearing supported, 12mm hollow steel main shaft





# Superior Control

With Spektrum products, you get precision control and advanced connectivity from the brand that ignited the 2.4GHz RC revolution. Spektrum continues to influence the RC industry by setting the standard for the RC Experience with everything from premium transmitters to responsive servos that fit nearly any application.

Check out [Spektrumrc.com](http://Spektrumrc.com) for more transmitters.

SPEKTRUM™



- › **DX8**  
SPMR8810
- 30-model internal memory
  - Large 128 x 64 backlit screen
  - Exclusive Spektrum AirWare™ software



- › **DX9**  
SPMR9900
- 9 fully-proportional channels
  - Voice alerts—transmitter can speak to the user in 5 different languages \* (English, German, Spanish, Italian, and French) so you can keep tabs on functions without taking your eyes off what you fly
  - Wireless trainer system with model match

\* Available with DX9 AirWare software version 2.0 and higher.



- › **DX18**  
SPM18000
- 50-model memory
  - Built-in telemetry with vibe alerts
  - Extensive airplane, helicopter and sailplane programming



**> DX7s Transmitter with AR8000  
SPM7800**

- 20-model memory
- Built-in telemetry
- Extensive airplane and helicopter programming

**> DX6i  
SPM6610**

- Full-range 2.4GHz DSMX® 6-channel radio
- 10-model memory
- Rolling selector user interface



**> DX5e  
SPM5510**

- Affordable 5-channel 2.4GHz DSMX radio and receiver
- Easy-to-use control for basic models
- Includes AR600 6-channel full range sport receiver

**RC AIRCRAFT PRECISION**

Spektrum servos make it easy to enhance the performance of your RC aircraft. From ultra-micros to high performance giant scale applications, to performance helis, all Spektrum servos are built to deliver precision performance for just about any aircraft application imaginable. With a multitude of options to choose from Spektrum has the quality and quantity covered.



**> HV Ultra Speed Heli Cyclic  
MG Servo  
SPMSH6280**

- Designed from the ground up for 550-800 sized flybarless helicopters
- Full metal case



**> HV Ultra Torque MG Air SX  
SPMSA6270**

- Competition level performance for giant scale airplanes
- Full metal case

Check out  
[Spektrumrc.com](http://Spektrumrc.com)  
for more servos.

**SERVOS & RECEIVERS**

**EXTENDED RANGE CONNECTIVITY**

From ultra-micros applications to high performance giant scale needs, Spektrum servos are built to deliver precision performance for just about any aircraft application imaginable. With a multitude of options to choose from Spektrum has both quality and quantity covered and makes it easy to enhance the performance of your RC aircraft.



**> 9-Channel DSMX X-Plus™  
Receiver**

SPMAR9020

- Patented MultiLink™ receiver technology
- 9-channel full range receiver
- X-Plus compatible

**> 6-Channel DSMX Aircraft  
Receiver**

SPMAR6260

- Full-range DSMX® receiver
- 6 Channel sport aircraft receiver for parkflyers to .90 sized sport planes.





# FLY



> Blade Nano QX

CLICK } [horizonhobby.com](http://horizonhobby.com)

CALL } 1.800.338.4639

HHDCAIR2014


















# HORIZON

H O B B Y

BRINGING YOU THE  
BEST BRANDS IN RC

Flying, Driving or Boating, Horizon Hobby brands deliver RC excitement that's second to none.

 SPEKTRUM	 VATERRA	 TEAM LOSI RACING	 hobbyzone	 EVOLUTION
 LOSI	 PROBOAT	 ECX	 parkzone	 ZP
 HANGAR 9	 dynamite	 BLADE	 Eflite	 PHOENIX <sup>RC</sup> 5

Find them all at your favorite hobby store or go to  
[horizonhobby.com/storelocatorview](http://horizonhobby.com/storelocatorview) to find a retailer near you.

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