

HOBIBICO[®]

**"High-quality, competitively priced
R/C products and accessories."**

UP, UP AND AWAY!

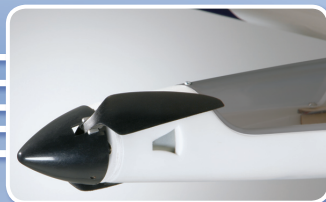


UPSTAR[™]

Almost Ready-to-Fly Electric Powered Sailplane

The UpStar ARF offers you the low-stress way to learn to fly! It features an ultra-durable blow molded fuselage that can withstand many less-than-perfect landings, and the wing has built-in polyhedral to increase stability — a plus for inexperienced pilots. The built-up balsa wing and tail help keep weight to a minimum, and are covered in high-quality heat-shrink film with a great, easy-to-see trim scheme. A simple hand launch is all it takes to send the UpStar ARF aloft to start chasing thermals!

- ★ **Includes a 540-size motor, ESC, 8-cell 1800mAh NiMH battery pack and folding prop!**
- ★ **Flight ready in only 3-4 hours.**
- ★ **Perfect for lazy Sunday afternoon flights!**



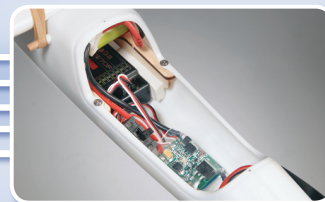
The included power system features a motor, ESC and battery pack that are all performance-matched for optimum flight times. The folding propeller reduces drag in flight, and helps avoid damage when landing.



The rubber band-on wing features built-in polyhedral, which increases stability and helps to level the plane after a turn.



The built-up balsa tail makes the Upstar quick to assemble and is easy to remove and replace if required.



Your radio system's onboard gear fits easily inside the Upstar ARF's spacious radio compartment, and it will accept low-cost, readily available standard servos.

For more information, or the location of the dealer nearest you, visit www.hobbico.com or call 1-800-682-8948 and mention code 99S33.

HCAA2210 • WINGSPAN: 68 in (1725 mm) • **WING AREA:** 462 sq in (29.8 dm²) • **WEIGHT:** 2.75 lb (1247 g) • **WING LOADING:** 13.7 oz/sq ft (42 g/dm²)
LENGTH: 44.5 in (1130 mm) • **REQUIRES:** 3-channel radio w/2 servos, charger

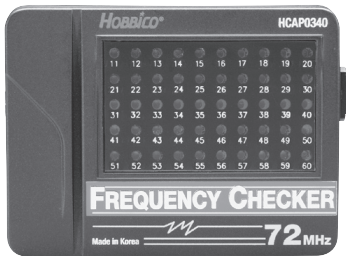
HOBBI^{CO}® UPSTAR™

Recommended accessories for the UpStar™ ARF



Futaba® 3FR 3-Channel AM Radio

The single stick 3FR AM radio is a perfect choice for the UpStar ARF. The case shape and control placement take full advantage of your hand's natural mechanics. Weight is distributed for light, comfortable use. And the features are a perfect match for your application, with standard servos that ideally suit sailplanes and large electrics. The 3FR includes servo reversing for installation ease, V-tail mixing for versatility, and a thumb slide for proportional throttle, flap or spoiler control. **FUTJ51****



HOBBI^{CO}® 72MHz Radio Frequency Checker

Why *wonder* if someone's on "your" frequency? Turn on Frequency Checker, and you'll know for sure! It's no bigger than a deck of cards and weighs just two ounces, so it's easy to take along. Turn it on, and it automatically scans all 50 frequencies in just 15 seconds and identifies each frequency in use with a glowing red LED. Detects in-use frequencies at up to 300 feet alone; add the **Antenna** (available separately) and it extends the range to 1000 feet!

HCAPO340 72MHz Radio Frequency Checker
HCAPO341 72MHz Frequency Checker Antenna



HOBBI^{CO}® DC Quick Field Charger MKII

The Quick Field Charger is actually TWO linear chargers — and both can handle today's most popular R/C batteries! LEDs signal cell chemistry and charge method on hook-up. Adjustable, 0.2-2.0A charge rates enable the MKII to fast charge 1-3 cell Li-Ion and Li-Po park flyer packs and peak charge 1-8 cell NiCd or NiMH radio packs. Auto-trickle at peak keeps packs topped off; voltmeter jacks make charge monitoring easy. Includes time-out feature and audible/visible problem cues. **HCAPO290**



HOBBI^{CO}® Charge Leads

No need to grab the soldering iron — Hobbico charge leads are color-coded for easy hook-up and factory-equipped with the right connector. It includes separate 1-meter leads for Tx and Rx charging, with banana plugs on one end and Futaba J connectors on the other. **HCAPO101**



HOBBI^{CO}® Ultra Tote™ ARH

Convenience and carrying capacity — the Ultra-Tote offers both. It's 90% prebuilt and ARH (Almost-Ready-to-Haul), so it's an easy choice to put to work almost immediately. Sturdy ply construction provides the durability and strength. Design and dimensions of 19"L x 8"D x 17"H provide room for a ventilated 12V battery compartment, plus a universal power panel slot, caddy for a 1-gallon fuel can or bottle, spacious drawer and foam-padded cradles above an open top compartment. **HCAPO5028**