

**The easy ARF way to twin-engine thrills.**



## TWINSTAR™ ARF

**ALMOST-READY-TO-FLY .25-.40-SIZE TWIN TRAINER**

**W**ith the TwinStar ARF, you're just a few hours away from enjoying *twice* the flying fun of a single-engine model — even if you've never flown a twin before! Smart engineering not only makes final assembly fast and familiar, it also offers maximum flying security and stability. If you're ready to step up to the excitement of twin-engine flying, Hobbico's TwinStar ARF is the BEST way to do it!

- ★ *Unlike other twin-engine planes, there is no shared fuel tank or servo; each wing has its own fuel tank and servo, so the failure of one engine won't affect the other.*
- ★ *Underneath the high-quality, iron-on film, the fuselage and wing feature solid, interlocking wood parts that combine durability and light weight.*
- ★ *The TwinStar's wing attaches easily at the field with nylon bolts — and is removed just as quickly for the ride home.*

For the location of the dealer nearest you, please call 1-800-682-8948 and mention code number 99K30.



Even with its dual engines, the TwinStar handles much like a single-engine R/C plane of comparable size. Careful positioning of the centerline ensures that the TwinStar is still flyable even if one of the engines stops!



Open the box and you'll discover that virtually all of the TwinStar's major assemblies are prebuilt and precovered, with lots of hardware provided. The plane's innovative design takes the guesswork out of mounting the twin engines.



In addition to protecting the fuel tank, servo and engine for each wing, these preformed nacelles also speed assembly. After gluing them into place over the wing's leading edge they become an integral part of the wing structure.



With fuel tanks and engines in each wing, throttle pushrods and fuel line installation is kept straightforward and simple. As a result, there's ample room in the fuselage for on-board gear.

**HCAA2076 • WINGSPAN:** 56 in (1420mm) • **WING AREA:** 567 sq in (36.6dm<sup>2</sup>) • **WEIGHT:** 5.5-6.5 lb (2.5-3.0kg) • **WING LOADING:** 24 oz/sq ft (73g/dm<sup>2</sup>) • **LENGTH:** 49.5 in (1260mm)  
**REQUIRES:** Two 2-stroke .20-.40 cu in (3.5-6.5cc) or two 4-stroke .26-.30 cu in (4.5-5.0cc) engines, 4-channel radio w/5 servos & Y-harness

# Top-notch accessories for the

# TWINSTAR ARF

## Items needed to complete:

- 4-channel radio with 5 servos and Y-harness
- (2) 2-stroke .20-.40 cu in (3.5-6.5cc) or (2) 4-stroke .26-.30 cu in (4.5-5.0cc) engines
- 9x6 or 9x7 prop
- 3' Medium fuel tubing (GPMQ4131)
- 6-minute epoxy (GPMR6045)
- 30-minute epoxy (GPMR6047)
- 1 oz. Thin CA (GPMR6002)
- 1/2 oz. Medium CA+ (GPMR6007)
- 1/4" thick foam padding (HCAQ1000)
- Glow fuel (10-15% nitro content)
- Glow plug starter (HCAP2505)
- #64 rubber bands (HCAQ2020)

## Futaba® 6EXA 6-Channel FM Radio

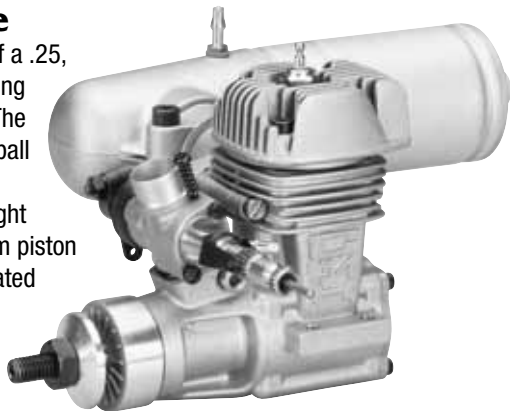
For about the same price as other 4-channel computer systems, Futaba's 6-channel 6EXA offers 6-model memory, digital trims, dual rates and exponential, four programmed wing mixes and a free Program Mix — features not found on any 4-channel radio. There's also no 4-channel computer system that can offer as much programming simplicity and precision with just 2 buttons and 1 lever. Plus, the 6EXA replaces the conventional *click, click* of analog trims with an expanded range of 241 discrete digital trim settings. Want more? The 6EXA includes a trainer system (and a switch that doubles as a throttle cut-off), servo reversing and EPA on all channels, ball bearing servos, Sanyo® NiCds, dual-output charger and more.



Stock #	Tx	Rx	Servos	Band	Modulation
FUTK55**	6EXA	R127DF	(4)S3004	72MHz	FM

## SuperTigre® G-34 Engine

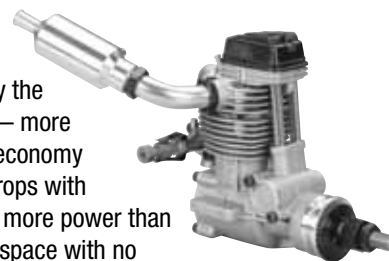
It fits in the space of a .25, but boosts sport-flying power to the max! The G-34 features dual ball bearings, a 1-piece crankcase, lightweight cast head, aluminum piston and a thermally-treated low-friction steel sleeve. Includes glow plug and bolt-through muffler.



Stock #	Practical rpm range	Output	Weight w/muff
SUPG0105	2500-17,000	0.98 bhp @ 16,500 rpm	12.8 oz (363g)

## O.S.® FS-30S Surpass™ Engine

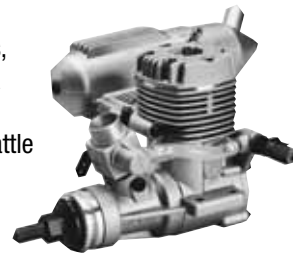
It's an economical way to enjoy the benefits of a 4-stroke engine — more realistic sound, improved fuel economy and the ability to spin bigger props with less noise. Plus, it boasts 20% more power than a .26, but mounts in the same space with no modifications. Includes glow plug and aluminum muffler.



Stock #	Practical rpm range	Output	Weight
OSMG0830	2500-13,000	0.5 bhp @ 10,000 rpm	9.8 oz (278g)

## O.S.® .25 FX Engine

The .25 FX is ready to deliver easy starts, enviable reliability and plentiful power. A remote needle valve adds to pilot safety, while a ratchet spring and O-ring seal battle vibration "creep" to hold settings better. The crankshaft is longer to provide more secure attachment for the spinner, prop and nut. A semi-square head shape creates more cooling fin area, and a high-performance carb and muffler with adjustable exhaust direction and built-in pressure tap are included.



Stock #	Practical rpm range	Output	Weight w/muff
OSMG0525	2500-19,000	0.84 bhp @ 18,000 rpm	10.8 oz (305g)

## Propellers

For superior power and performance, turn to Power Point props. Made from select beechwood, these fuelproofed props feature constant pitch throughout the blade diameter. Stiffer than nylon, lighter than maple, state-of-the-art Power Point props also boast a swept tip design which reduces prop "howl" — ideal for today's noise-sensitive flying environments.

