

# EXTRA 300S 1.60

1/4 Scale Almost-Ready-to-Fly 3D Aerobat

*ARF*

*Designed for ease —  
licensed to thrill!*



Pilot figure not included



Created in cooperation with  
airshow star and competition  
pilot Gene Soucy. The only  
licensed R/C version of the world-  
famous aerobat available today!

GPMA1365

Wingspan: 74 in (1880mm)

Wing Area: 1048 sq in (67.6dm<sup>2</sup>)

Weight: 12-13.5 lb (5440-6120g)

Wing Loading: 26-30 oz/sq ft (79-92g/dm<sup>2</sup>)

Length: 69 in (1755mm)

Requires: 2-stroke 1.20-1.60 or 4-stroke 1.20-1.80 glow engine and 4-6 channel radio w/6 servos. (6+ channel computer radio recommended. *Minimum* servo torque requirements: (1) servo w/ 30 oz-in (2.2kg-cm); (5) servos with 54 oz-in (3.9kg-cm)

He's a stunt pilot, star performer and a three-time U.S. and Canadian National Champion. But to audiences on four continents, flying great Gene Soucy is simply "Mr. Airshow."

ARF assembly makes this quarter-scale version of his Extra 300S easy to own. Stunning looks and sparkling performance make it a plane that can turn your every move into a show-stopper — and you into the star of your own airshow.

- Ready for its premiere performance after just 15-20 hours of easy assembly.
- Requires minimum time and effort, but offers rich rewards in appearance and performance. Built with Great Planes' "Quality Quartet": hand-selected woods, painted fiberglass parts, factory-applied MonoKote<sup>®</sup> film and Great Planes' hardware.
- A realistic replica for scale enthusiasts — a colorful natural showcase for aerobatic skills.
- Capable of virtually unlimited 3D aerobatics with any engine from the top end of the range. (O.S.<sup>®</sup> 1.60 FX recommended.)
- Each tail control surface is double-beveled and powered by a dedicated, exterior-mount servo located nearby — a control combination which offers greater deflection and faster, stronger response. The rudder servo also steers the tailwheel — a ground-handling plus!
- Wing halves slide onto a joiner tube to become an easy-to-install 1-piece wing. Slide them apart, and they're easy-to-transport pieces for the trip home.
- Includes a generous package of Great Planes' hardware, plus an aluminum spinner, a tailwheel assembly — and horizon reference indicators for display.

For more information and the location of the dealer nearest you, visit [www.greatplanes.com](http://www.greatplanes.com) or call 1-800-682-8948 and mention code number 99N26.



Impressive size makes the Extra 300S 1.60 ARF easier to track in the sky and easier hold in a hover against gusty winds.



"Whether you're at the field or an IMAC competition, our 1/4 Scale Extra 300S 1.60 ARF is bound to create a big stir among your fellow fliers. And whether they admire it for the scale detail or the top-notch aerobatic performance, you'll love it for the way it makes both easy to enjoy."

*Don Anderson*  
Don Anderson  
President and Founder  
Great Planes Model Manufacturing

Drop in an O.S. 1.60 FX and you have a 3D star with a repertoire that starts with hovering and harriers — and ends in encore performance!

## Great Planes<sup>®</sup> C. G. Machine<sup>™</sup> Precision Aircraft Balancer



GPMR2400

Accurate balancing makes trainers more stable, low wings more agile and pylon racers as fast as they possibly can be. Balancing the Extra 300S ARF by hand would be difficult and prone to error. But doing it with the C.G. Machine is easy and exact. Wingspan is not a consideration; the C.G. Machine's slanted wire balancing supports will hold all fixed wing planes weighing up to 40 lbs. Simply put it on the padded supports, and let the C.G. Machine do the work, without marking,

### Takes the guesswork out of balancing!

measuring...or errors. Rulers built onto the supports pinpoint the C.G. within seconds, letting you know if weight should be added, removed or repositioned.

## Futaba<sup>®</sup> Servos

**Futaba<sup>®</sup>**



FUTM0075

The Extra 300S ARF is one of Great Planes' most sophisticated airplanes ever. And, while it's true that digital servos offer added precision in set-up and performance, analog servos are more than enough to enjoy all the sport flying fun that the Extra 300S ARF offers. The coreless, dual bearing S9001 is a solid, all-around choice for ailerons and elevator, while the single-bearing S3001 is just right for the throttle. Both choices for swift, authoritative rudder control include dual bearings. The S9402 offers a transit time of just 0.13 seconds, a coreless motor and metal-gear durability. The S3104 offers about 50% more tail-kicking torque. All include impact-resistant cases, Futaba-J style connector and 1-year warranty protection.

Servo	Description	Dimensions	Weight	Torque*	Transit Time*	Stock #
S9001	Aircraft 2BB	1.6 x 0.8 x 1.4 in	1.7 oz	54 oz.-in	0.22 sec/60°	FUTM0075
S3001	Standard 1BB	1.6 x 0.8 x 1.4 in	1.6 oz	44.3 oz.-in	0.23 sec/60°	FUTM0029
S9402	Hi Speed 2BB	1.6 x 0.8 x 1.5	1.9 oz	88.8 oz.-in	0.13 sec/60°	FUTM0102
S3104	1/4 Scale 2BB	2.4 x 1.2 x 2.0 in	3.4 oz	127.7 oz.-in	0.21 sec/60°	FUTM0036

\* With 4.8V power.

## Futaba<sup>®</sup> 9CAP 9-Channel Computer Radio with Bonus CAMPac module



FUTJ77\*\* 9CAP PCM w/CAMPac - No Servos

features to needs. Other 9C pluses include: software for airplanes, sailplanes and helis, with factory-programmed and user-programmable features in each; expandable, 8-model memory; 8-character naming; up to 8 flight conditions and 5 wing mixes per model; electronic servo reversing, centering, cycling and EPA; digital trims; exponential(4); triple rates (3); governor mixing and 700mAh Tx and 600mAh Rx NiCds. The 9CAP FM includes an R148DF receiver, while the 9CAP PCM includes an R149DP receiver. Both require servos, but include a CAMPac Data Storage Module doubles available memory to 16 models.

FUTJ75\*\* 9CAP FM w/CAMPac - No Servos  
FUTJ77\*\* 9CAP PCM w/CAMPac - No Servos

**Futaba<sup>®</sup>**

Find. Open. Set. Close. The 9C's Dial N' Key system makes programming that simple with a single rotary dial for finding functions and push-button keys for everything else. It takes only a few touches to delete an unused auxiliary function and substitute a custom mix; reassign an auxiliary function to a different knob or to one of two proportional slider switches. Basic and advanced menus allow pilots to tailor

## O.S.<sup>®</sup> 1.60 FX



OSMG0660

A move up to giant-scale modeling doesn't require a switch to gasoline engines. All it requires is the 1.60 FX. It's a 2-stroke, so the pilot is on familiar ground from the start. At the same time, its power-to-weight ratio is almost 3 times that of more costly 41cc gas or multi-cylinder

engines — just what the Extra 300S ARF needs for exciting, blink-and-it's-gone aerobatics. A low-profile crankcase makes totally in-cowl installations more likely; more mounting options for the high-speed needle (9 in all) make adjustment ease the rule and not the exception. Thoughtful design makes it possible to attach the muffler to the adapter *after* the adapter is on the engine, easing that job as well. Other pluses include: an O-ring seal and ratchet spring to hold settings against "creep", dual bearings, and extra thread on an extra-long crankshaft for solid engagement. Available alone (OSMG0661) or with muffler (OSMG0660).

Displacement: 1.60 cu in • Bore: 1.32 in • Stroke: 1.17 in • RPM Range: 1,800-10,000  
Output: 3.7bhp @ 9,000 rpm • Weight: 32.6 oz • Includes: #8 glow plug; wrenches; prop and lock nuts; muffler (OSMG0660 only) • Requires: glow fuel; muffler (OSMG0661)

[www.greatplanes.com](http://www.greatplanes.com)