

# AMA Plans Service Showcase



## A compact and agile RC sport aircraft

# 400

**SCOTT BLACK DESIGNED** this to be an inexpensive sport aircraft that was easy to transport and fly almost anywhere. The prototype's simple construction consisted mainly of scrap wood that Scott had on hand.

For building ease, the wing consists of ribs that are identical except for the center two. The wing LEs and TEs are sheeted for additional strength. The fuselage uses formers and stringers and is also sheeted, providing a clean-looking airframe that is a snap to cover.

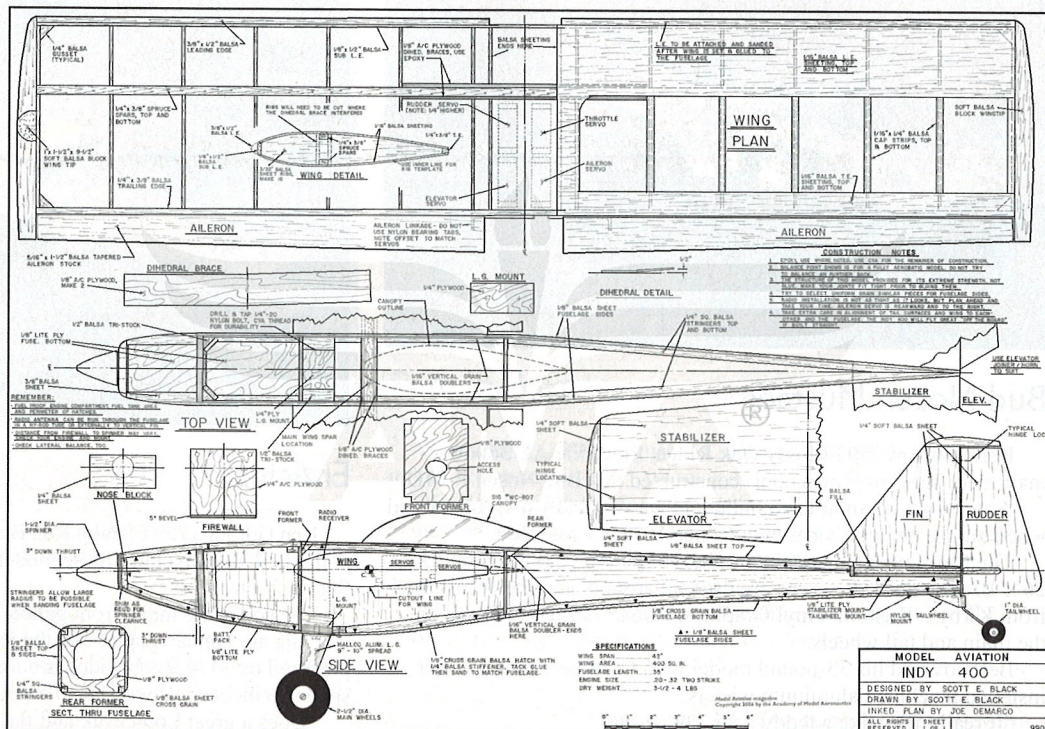
This 42-inch-span model was designed around a .25 glow engine, and it can accommodate electric power. The Indy 400 weighs approximately 3.5 pounds with an O.S. .25 FX engine and standard-size servos.

Scott noted that the aircraft required little rudder work while on the ground and could get airborne quickly. He was impressed by this design's aerobatic capability, and a bonus was that it

presented him with no surprises during takeoff or landing.

The Indy 400 was featured in a construction article that was published in the July 2006 *MA*. It's

AMA Plans Service listing 990 and is available for \$15 plus shipping and handling. See page 171 or go to [www.modelaircraft.org/plans.aspx](http://www.modelaircraft.org/plans.aspx) for ordering information. **MA**



MODEL AVIATION	
INDY 400	
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DRAWN BY SCOTT E. BLACK	
TRIMMED PLAN BY JOE DEMARCO	
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