



Divinity...

An ApachePilot creation.

Total span without tips: 42"

Motor: E-Flite Park 180 with GWS EP 6030 propeller

ESC: Castle Creations 10A

Battery: E-Flite 2S 7.4V 430mAh LiPo

Servos: JR S185

Receiver: Berg 4L MicroStamp (four channel)

Linkages: DuBro Micro Push Rods and Micro Horns

Center of Gravity: 7-1/2" back from nose

Material of Choice: Elmer's Foam Board (or equivalent products from Dollar Stores). Sheets are 30" x 20", material is 3/16" (4.76mm) thick and is a foam core covered with paper on the front and back.

Flying the Divinity - Toss at half throttle like a Frisbee. Leave full movement in control surfaces, just be gentle with pitch control until you adjust Exponential and Servo Travel to your liking.

Construction notes:

Motor is mounted at 0 degrees to thrustline. No side thrust or up or down thrust is needed.

KEm strips are placed in matching locations on both top and bottom of Wing Panel.

Center Filler and Top Filler are placed on top only and are layered over the top of the KEm strip and molded down onto the Wing Panel at the back edge of the KEm strip.

Wing panel is 21" wide, make two and butt them together in the center to create the wing.

Cut parts, soak in water, and peel paper off.

Glue with Foam Safe CA or other appropriate glue. Reinforce leading edge with a strip of 2" wide nylon filament tape.

DuBro Micro Pushrods and Mini control horns are used, pushrod sheaths taped down with filament tape.