

## The Avenger

Fisher Flying Products is proud to offer the Avenger to ultralight and light plane builders and flyers. The ultralight/light plane industry has lost sight of the original impetus for the movement of "Low Cost Flying."

The Avenger was designed to be both attractive and inexpensive from the very first drawing. Fisher has kept the larger pilot in mind, making the Avenger capable of accommodating a pilot up to 6'4" tall and 270 pounds.

The kit contains all the materials needed to complete the airframe except: engine, engine mount, instruments, pilot restraints, and paint. All wood is cut dimensionally and all plywood is cut to shape. Metal parts are ready for installation. The construction is all wood using a Warner Truss frame with 1/8 birch ply skins yielding the lightest, strongest fuselage available. Kits feature premolded fibre-glass cowling and molded windshield with canopy for cold weather flying. Full sized plans are included in each kit.



### Easy to build, fun to fly!

The Avenger kit was laid out from the beginning with the first time builder in mind. Just like assembling a large model airplane, most parts are precisely cut to the correct size. Each part is numbered with the corresponding numbers on the prints. In about 300 fun and exciting hours you should have your Avenger assembled, covered, and ready to paint.

With a 26-50 hp two stroke (the Avenger) or a 65 hp VW (the Avenger V), the plane shows spectacular performance on takeoff, climb, and cruise. The Avenger is quite stable for hands off flying while maintaining light control pressure with good control response. The prototype will cruise 80 mph at just 5,000 rpm on the Rotax 503, single carb, 48 hp engine. With the removable canopy, the Avenger may be flown comfortably in summer or winter weather. Cabin heat may be installed.

Whether you are a newcomer or seasoned pilot, the Avenger will offer you many satisfying hours of flying pleasure.

<b>Avenger</b>					
<b>Specifications</b>			<b>Flight Performance</b>		
	U.L.	EXP		U.L.	EXP
Wing Span	27'	27'	Stall Speed	26-28 mph	26-28 mph
Length	16'3"	16'3"	Cruise	60 mph	60 mph
Cord	54"	54"	VNE	95 mph	95 mph
Empty Weight	250 lbs U.L.	280 lbs EXP	Takeoff Roll	200 ft	100 ft
Gross Weight	600 lbs	600 lbs	Landing Roll	200 ft	200 ft
Engine	Rotax 277 or Hirth F-33	Rotax 447 or Rotax 503	Climb	400 fpm	900 fpm
Time to Build	300 hours	300 hours			
Design Loads	+4 -2.5	+4 -2.5			
Headroom (with canopy)	40"	40"			

<b>Avenger V</b>			
<b>Specifications</b>		<b>Flight Performance</b>	
Wing Span	27'	Stall Speed	30-32 mph
Length	16'3"	Cruise	80-90 mph
Cord	54"	VNE	100 mph
Empty Weight	350 lbs	Takeoff Roll	200 ft
Gross Weight	650 lbs	Landing Roll	250 ft
Design Load	+4 -2.5	Climb	800/900 fmp
Engine	65 hp VW		

