

SUPER VEE'S!
SONERA I&II
SONER POWER
VW FOLDER
WINGS FALTER
SELF-TRAILER
CRUISES 140
STALL 44MPH



COMPONENTS
AVAILABLE



monnett experimental aircraft, inc.
410 adams, elgin, ill. 60120



MONNETT EXPERIMENTAL AIRCRAFT, INC.
410 adams elgin, illinois 60120



AIR MAIL

D. R. Sparkes, Esq.,
68 Mellor Road
New Mills,
Via Stockport
Cheshire, England

GENERAL DESCRIPTION

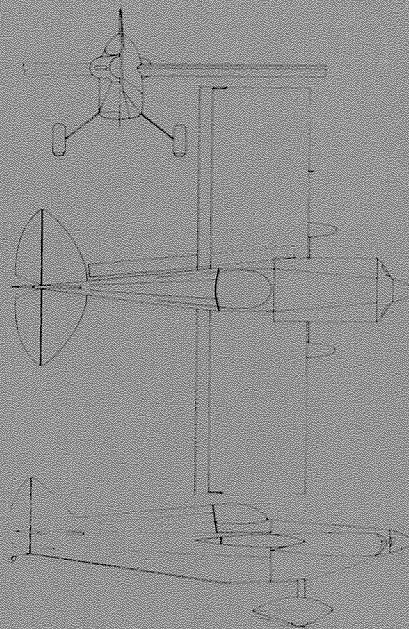
The SONERAI is a midwing, sport plane, racer designed to meet all P. R. P. A. Formula Vee Racing requirements for 1600 cc. Volkswagen powered airplanes. It uses a minimum of different sizes of easily obtainable materials to reduce the cost without hampering the integrity of the design. The wing is all aluminum and is composed of two panels that fold along side the fuselage enabling the SONERAI to be towed tail first on its own gear. The fuselage and tail surfaces are of standard chrome-moly tubing construction using primarily two sizes of tubing. All aluminum sheet used is .025 Alclad except for the spar webs. The cowlings are fiberglass and the fuselage and tail surfaces are fabric covered. The landing gear is a formed aluminum spring with 5" go-cart wheels.

SPECIFICATIONS

Span	16 ft. 8 in.
Length	16 ft. 8 in.
Height	5 ft.
Engine	1600 cc. V.W.
Fuel Capacity	11 gal.
Empty Weight	440 lbs.
Gross Weight	700 lbs.
Wing Area	75 sq. ft.
Cruising Speed	150 mph @ 75%
Landing Speed	50 mph
	Stress to 6 g's + or -.

COSTS

Plans\$50.00
Components, Material Kits, and VW Engine Conversions available.
The airplane can easily be built for as little as \$2,500.00 with all the components and kits purchased. The largest variable is the price of the basic VW engine.



Components available from Monnett Experimental Aircraft

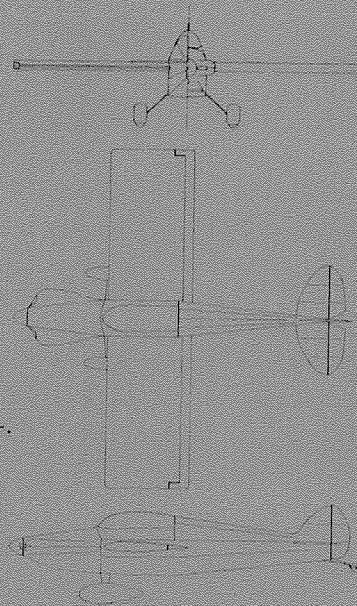
GENERAL DESCRIPTION

The SONERAI II is a midwing, two place, volkswagen powered roadable sport plane. It uses a minimum of different sizes of easily obtainable materials to reduce the cost without hampering the integrity of the design. The wing is all aluminum and is composed of two panels that fold along side the fuselage enabling SONERAI II to be towed tail first on its own gear. "Pop" type flush rivets can be used to skin the wing. The fuselage with simple built in engine mount and the tail surfaces are of standard chrome-moly tubing construction. The fiberglass cowling easily removes to allow complete access to the engine, magneto, tank and instruments. The fuselage rear and the tail surfaces are fabric covered. The landing gear is a formed aluminum spring with 5" go-cart type wheels. A taper rod type tail spring is employed.

SONERAI II is an answer for the individual who wants a high performance, two place sport plane that is simple, inexpensive to build and maintain. Its 140 m.p.h. cruise and 420 pound useful load with a 1700 c.c. VW make it outstanding in its class.

SPECIFICATIONS

Span	18 ft. 8 in.
Length	18 ft. 10 in.
Wing area	84 sq. ft.
Empty weight	506 lbs.
Gross weight	925 lbs.
Useful load	419 lbs.
Fuel capacity	10 gal.
Cruising speed	140 m.p.h. at 3400 r.p.m.
Stall speed at gross	45 m.p.h.
Engine	1700 c.c. V.W. (88 m.m. bore) or larger Monnett "SONERAI Conversion" Stressed for utility category at gross, 4.4 g's + or -. Stressed at aerobatic category as single place, 6 g's + or -.



COSTS

Plans \$75.00
Components and material packages available.
From: Monnett Experimental Aircraft, Inc.
The complete airplane can be built easily for \$3,000.00.



MONNETT EXPERIMENTAL AIRCRAFT, INC.
410 adams elgin, illinois 60120

If you wish to purchase a set of plans for Sonerai I or II, please sign and return one copy of this agreement. A signed copy is required by Monnett Experimental Aircraft for the sale of plans.

Thank you.

John T. Monnett
Monnett Experimental Aircraft
410 Adams
Elgin, Illinois 60120

Buyers Agreement

I, the undersigned, understand that the purchase of one set of Sonerai I or II plans carries with it the license to build one Sonerai Aircraft of the serial number given on the plans.

I understand the purchase of the plans does not carry the right to duplicate and / or manufacture and sell either materials, kits, or components for the Sonerai Aircraft.

I understand the plans for the Sonerai I or II are copyrighted and the name Sonerai is a registered trademark of Monnett Experimental Aircraft, Inc. and cannot be used or duplicated without the expressed written consent of Monnett Experimental Aircraft, Inc.

I understand the purpose of the plans is strictly educational and there is no stated or implied guarantee.

I therefore agree to build only the components necessary to complete one Sonerai Aircraft. I will not duplicate the plans and components nor allow another aircraft to be built from my set of plans.

I will notify, in writing, Monnett Experimental Aircraft, Inc. of any changes or transfer of ownership of my plans so that these covenants can be transferred to the new owner.

Purchaser

signed _____

witness _____

date _____

address _____

Sellers Copy

I the undersigned, understand that the purchase of one set of Sonerai I or II plans carries with it the license to build one Sonerai Aircraft of the serial number given on the plans.

I understand the purchase of the plans does not carry the right to duplicate and / or manufacture and sell either materials, kits, or components for the Sonerai Aircraft.

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