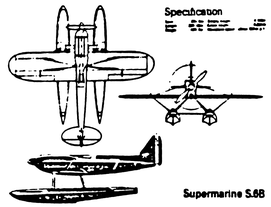
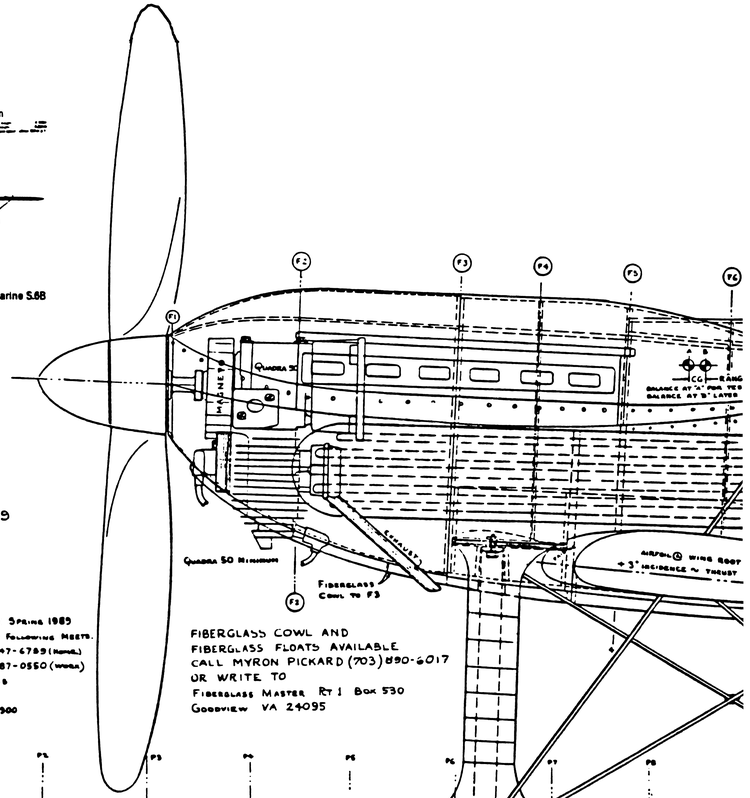


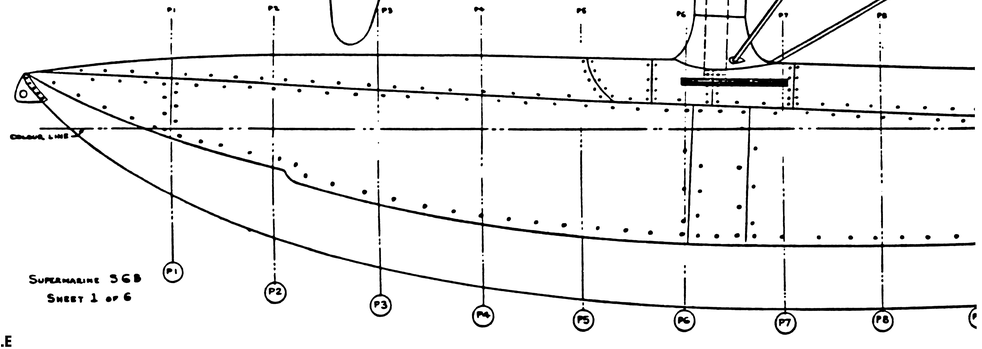
Span S6B • 30'-0"
Span Model • 90"
Scale Factor: 0.250
Legal for Lake Havasu AZ
Seaplane Races
Floats • 69" Scale !!
Plans $60.00 Rolled
Visa, M/C (818) 292-5239

Schneider Race Re-enactments

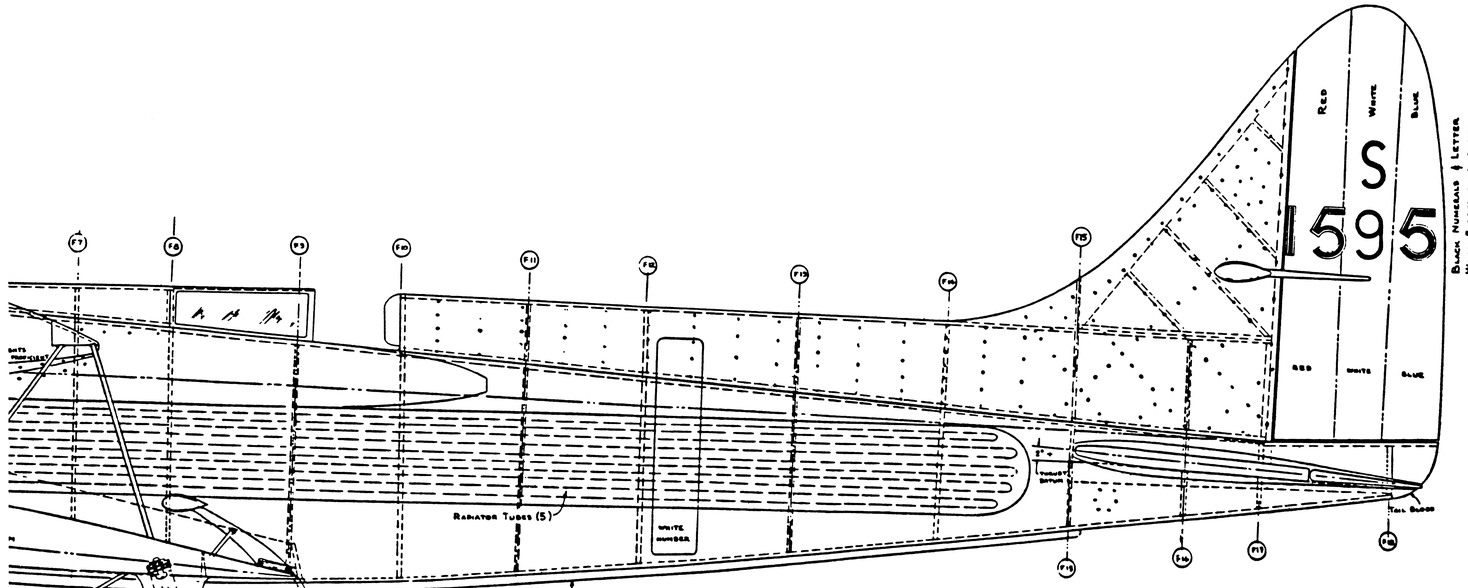
Created Exclusly For The Lake Havasu AZ Spring 1989
Schneider Trophy Race Reenactment and Following Meets.
Meets Conceived By Noah Gayer (619) 247-6789 (home)
Scale R/C Modeller Magazine (818) 887-0550 (work)
Lake Havasu Race Meet Coordinator is
Mr. Bob Martin 1520 C. Acoma Lane
Lake Havasu AZ 8403 Phone (602) 855-6300

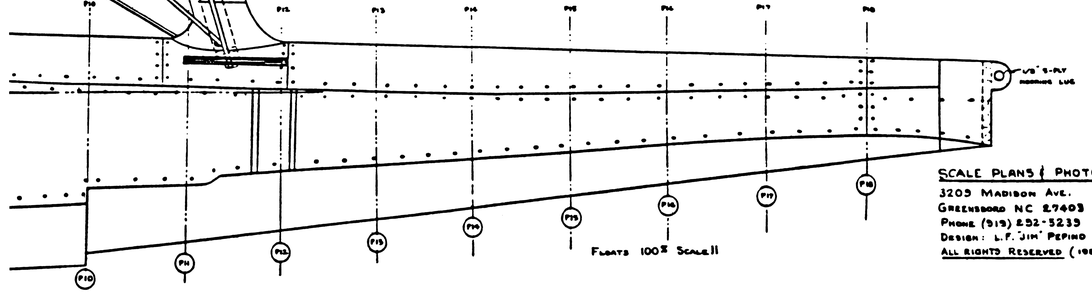


FIBERGLASS COWL AND
FIBERGLASS FLOATS AVAILABLE
CALL MYRON PICKARD (703) 890-6017
OR WRITE TO
FIBERGLASS MASTER RT 1 BOX 530
GOODVIEW VA 24095



Supermarine S6B
Sheet 1 of 6





The S6B flown by Flt Lt. J.N. Boothman won the Schneider Trophy Permanently for Great Britain in September 1931 @ 340 MPH. On 9-29-31 Flt.Lt. G.H. Stainforth took world speed record of 400.997 M.P.H. for England.

Documentation Photos: Scale Plans & Photo have B&W and is color of original in Science Museum U.K.

Documentation Drawings: Mr. Robert Hibbeh (714) 828-7363
8439 Dale St., Buena Park CA 90620

Warning!! The user of this plan shall determine its suitability for his or her intended use and shall assume all risk and responsibility arising from such use. See cautionary note below.

Supermarine S6B-S1595
Schneider Trophy Winner

Model Span 85" (Racing Wing) Scale
100" (Sport Wing) Option
Length O/A 83.5"
Floats O/A 67"

Note: This is a large and complex model and not suitable for beginners!! Don't Even Think About Building it unless you have successfully built and flown fast complex models.

Sheet 1 of 6

Scale Plans & Photo Serv.
3205 Madison Ave.
Greensboro NC 27403
Phone (919) 852-5233
Design: L.F. "Jim" Pepino Ph.D., P.E.
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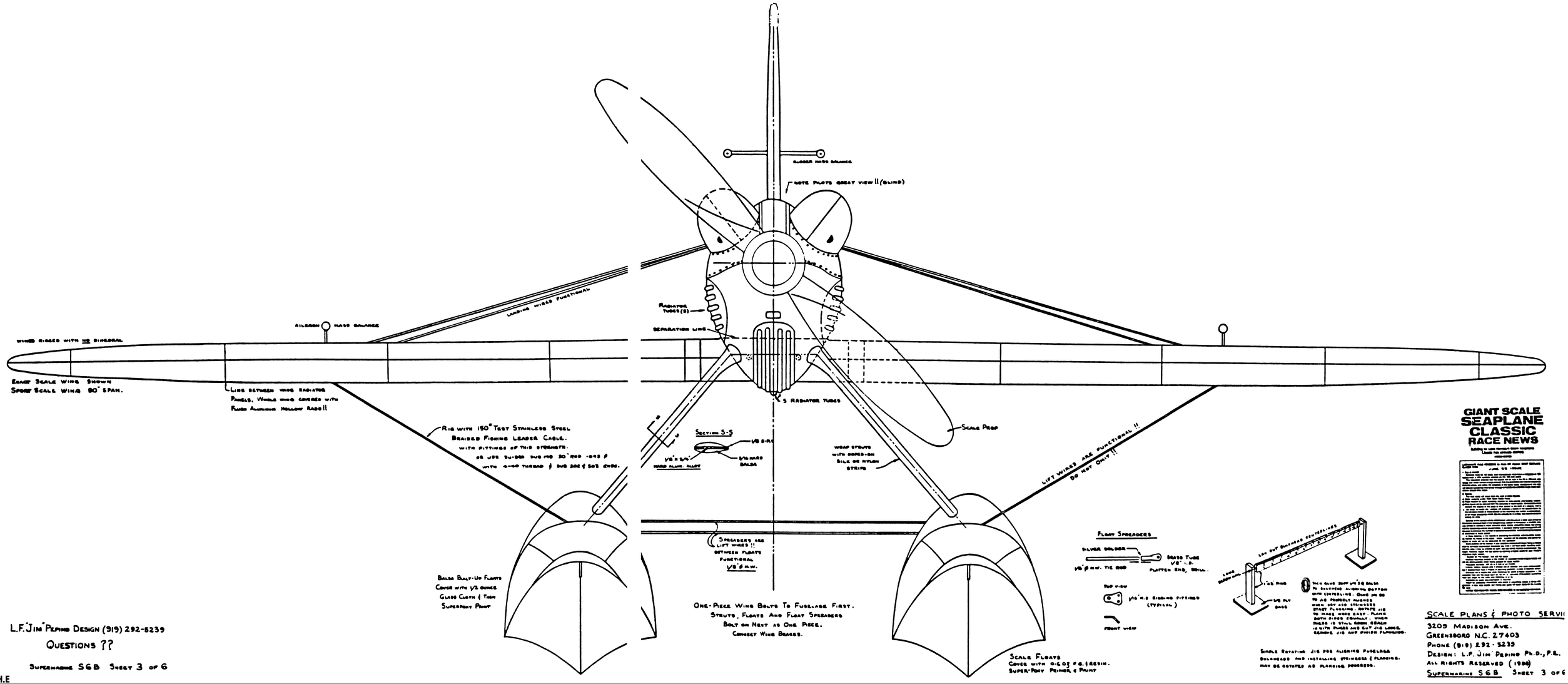
H.E

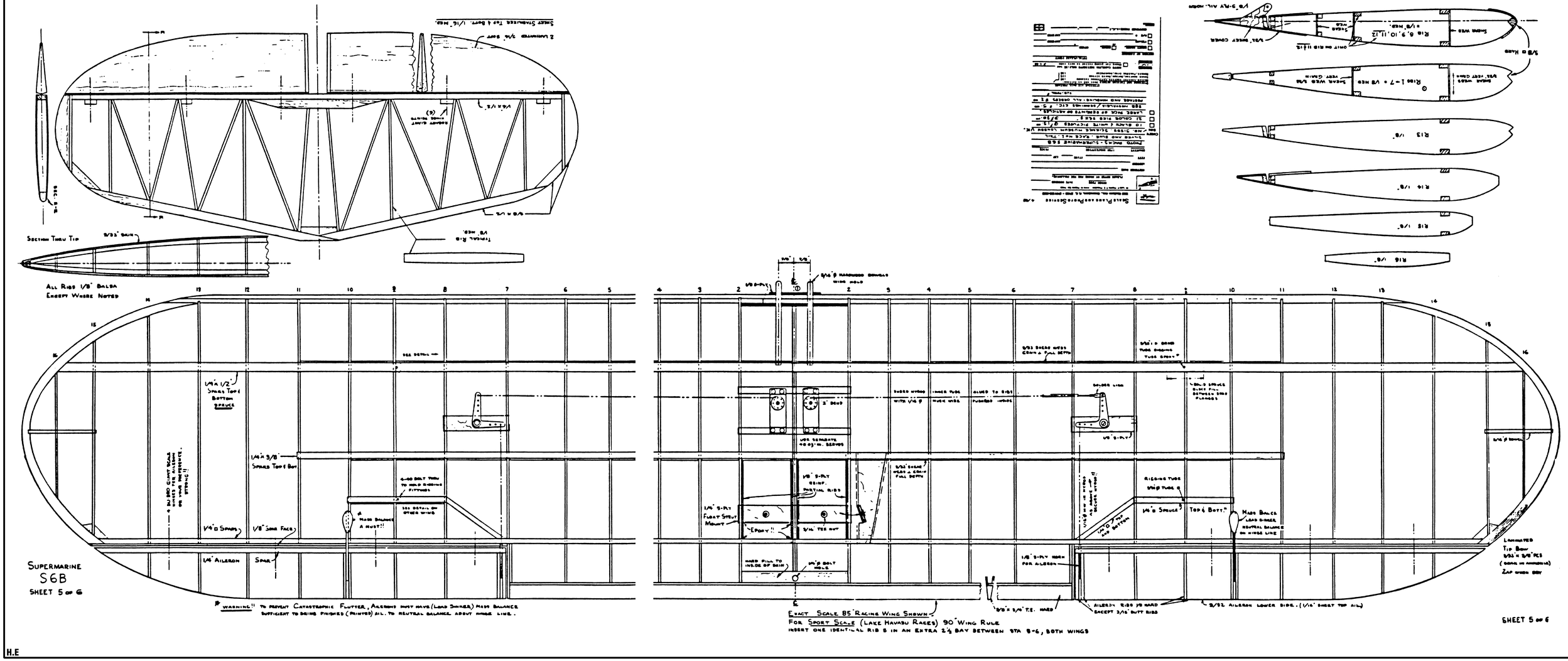


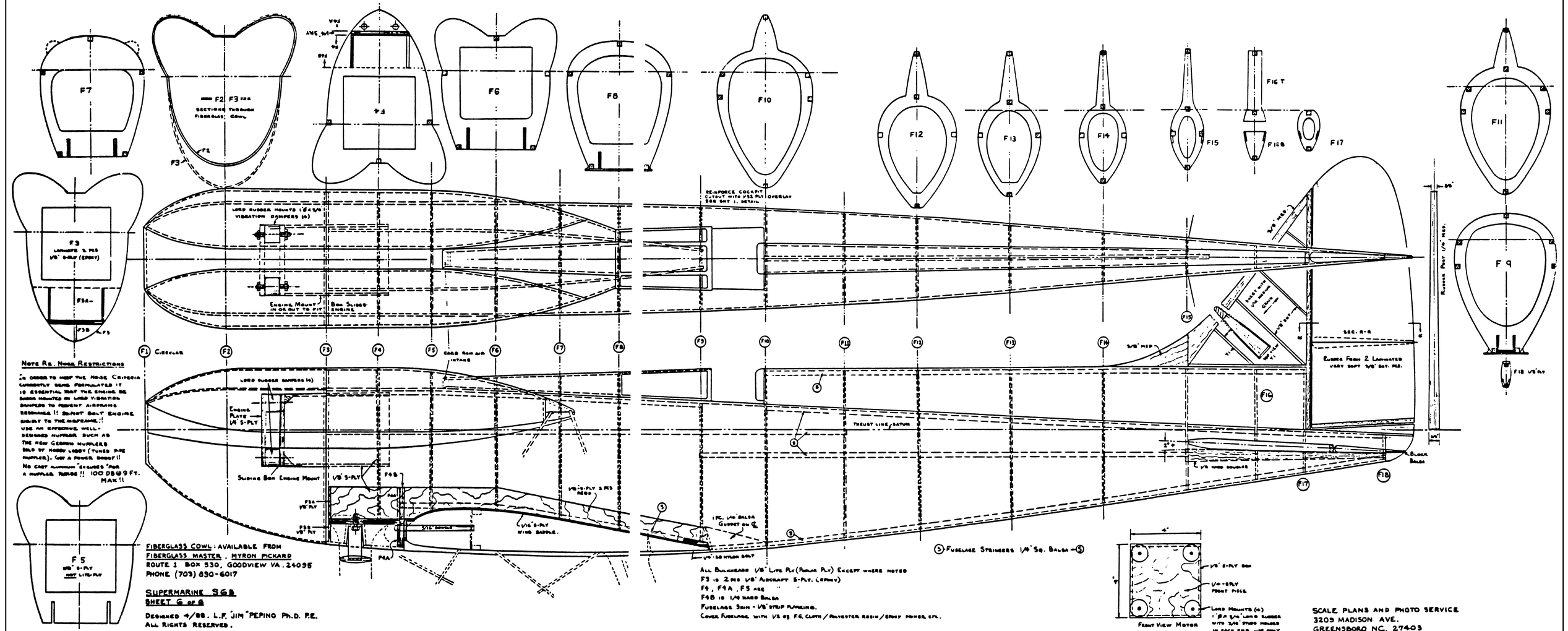
L.F. Jim Peping Design (919) 292-5239

Questions ??

Supermarine S6B Sheet 3 of 6

H.E


Sheet Stabilizer Top & Bott. 1/16" Ply.
2 Laminate 3/16 Bott.
Typical Rib 1/8" Ply.
Section Thru Tip
All Ribs 1/8" Balsa
Except Where Noted
Supermarine
S6B
Sheet 5 of 6
Warning!! To prevent Catastrophic Flutter, Ailerons must have (Lead Sinker) Mass Balance sufficient to bring finished (Painted) ail. to neutral balance about hinge line.
Exact Scale 85" Racing Wing Shown.
For Sport Scale (Lake Havasu Races) 90" Wing Rule
Insert one identical rib 5 in an extra 2½ bay between sta 8-6, both wings
Sheet 5 of 6
H.E


F7
F2 F3 PER SECTIONS THROUGH FIBERGLAS COWL
F4
F6
F8
F10
F12
F13
F14
F15
F16 T
F16B
F17
F11
F9
F3
LAMINATE 2 PCS 1/8" S-PLY (EPOXY)
F3A
F3B
F5
F1 CIRCULAR
F2
F3
F4
F5
F6
F7
F8
F9
F10
F11
F12
F13
F14
F15
F16
F17
F18
LORD RUBBER MOUNTS 1.8 x 3/4 VIBRATION DAMPERS (4)
ENGINE MOUNT IN OR OUT TO FIT
BOX SLIDES ENGINE
CARB BOX AIR INTAKE
ENGINE PLATE 1/8" S-PLY
SLIDING BOX ENGINE MOUNT
1/8" S-PLY
F4B
F3A 1/8" PLY
F3B 1/8" PLY
F4A
5/16 DOWEL
1/16" S-PLY WING SADDLE.
1/8" S-PLY 2 PCS MED
REINFORCE COCKPIT CUTOUT WITH 1/32 PLY OVERLAY SEE SHT 1, DETAIL
THRUST LINE DATUM
1 PC. 1/8" BALSA GUSSET ON ℄
1/8"-20 NYLON BOLT
3/8" MED
SHEET WITH 1/16 GRAIN
1/8" SHT
SEC. A-A
RUBBER FROM 2 LAMINATED VERY SOFT 3/8" SHT. PCS.
RUBBER PROP 1/8" MED.
BLOCK BALSA
1/8 HARD DOUBLER
F18 1/8" PLY
NOTE RE. NOISE RESTRICTIONS
IN ORDER TO MEET THE NOISE CRITERIA CURRENTLY BEING FORMULATED IT IS ESSENTIAL THAT THE ENGINE BE SUPPORTED ON LORD VIBRATION DAMPERS TO PREVENT AIRFRAME RESONANCE !! DO NOT BOLT ENGINE RIGIDLY TO THE AIRFRAME !! USE AN EXPENSIVE, WELL-DESIGNED MUFFLER SUCH AS THE NEW GERMAN MUFFLERS SOLD BY HOBBY LOBBY (TUNED PIPE MUFFLER). GET A POWER BOOST !!
NO CAST ALUMINUM ENGINES FOR A MUFFLER REBUILD !! 100 DB @ 9 FT. MAX !!
F5
1/8" S-PLY NOT LITE-PLY
FIBERGLASS COWL: AVAILABLE FROM
FIBERGLASS MASTER. MYRON PICKARD
ROUTE 1 BOX 530, GOODVIEW VA. 24095
PHONE (703) 890-6017
SUPERMARINE S6B
SHEET 6 OF 6
DESIGNED 4/88. L.F. JIM PEPINO PH.D. P.E.
ALL RIGHTS RESERVED.
ALL BULKHEADS 1/8" LITE PLY (PERUVIAN PLY) EXCEPT WHERE NOTED
F3 IS 2 PCS 1/8" AIRCRAFT S-PLY. (EPOXY)
F4, F4A, F5 ARE
F4B IS 1/4 HARD BALSA
FUSELAGE SKIN - 1/8" STRIP PLANKING.
COVER FUSELAGE WITH 1/2 OZ F.G. CLOTH / POLYESTER RESIN / EPOXY POWDER, ETC.
(5) FUSELAGE STRINGERS 1/8" SQ. BALSA - (5)
4"
1/8" S-PLY BOX
1/8-S PLY FRONT PIECE
LORD MOUNTS (4) 1.8 x 3/4" LORD RUBBER WITH 3/16" STUD MOUNTED IN EACH END, USE ONLY ELASTIC NUTS
FRONT VIEW MOTOR MOUNT BOX
SCALE PLANS AND PHOTO SERVICE
3209 MADISON AVE.
GREENSBORO N.C. 27403
(919) 282-5235
SHEET 6 OF 6
H.E