I HAVE REDRAWN THIS MODEL IN CAD. FORMAT FROM PLANS ORIGINALLY DESIGNED AND DRAWN BY R. JESS KRIESER, AND PUBLISHED IN AMERICAN AIRCRAFT MODELER IN 1969.
THIS WAS THE FIRST SCRATCH BUILT RADIO CONTROL MODEL THAT I BUILT I THINK I WAS A FRESHMAN IN HIGH SCHOOL AT THE TIME. I POWERED IT WITH A COX TD 051 AND FOR CONTROL I USED A WORLD ENGINES DIGIT MIDGET SINGLE CHANNEL UNIT FOR RUDDER ONLY. I HAD MY FIRST SUCCESSFUL RADIO CONTROL FLIGHTS WITH THIS MODEL. PRIOR TO THIS MODEL I HAD BUILT A GOLDBERG 1A SKYLANE USING ESCAPEMENTS WITHOUT EVER BEING ABLE TO END A FLIGHT WITHOUT CONSIDERABLE DAMAGE. I HAVE TRIED TO STAY AS TRUE TO MR. KRIESER'S ORIGINAL DESIGNED AS POSSIBLE EXCEPT TO MODERN RADIO, NOES GEAR, HINGES, MOTOR MOUNT, ETC. THE RADIO I USED IN 1969 WEIGHED 8 OZ. WITH THE NEW LIGHT WEIGHT RADIOS AND WHEELS THIS PLANE SHOULD PERFORM VERY NICELY THE WING COULD BE MODIFIED FOR AILERON IF DESIRED I WILL BE STARTING CONSTRUCTION SOON IF ANY BODY OUT THERE DECIDES TO BUILD THIS PLANE I WOULD LIKE TO HERE YOUR FEEDBACK MY E-MAIL IS RICHARD3851@JUNO.COM

1/6" Balsa
DOUBLER

3 3/8
92°
90°
FUEL TANK FLOOR
88°
90°
2
3 7/16

SPACE TO MATCH SRVOS
3/32" SERVO MOUNT TRIPLER

1"X1" Balsa Block hollow optional
1/6" Balsa
GAUZE NYLON OR FIBERGLASS
1/6" Balsa
3/16"X1/2" LEADING EDGE
W-3 W-3 W-3 W-3 W-3 W-3 W-2 W-1 W-2 W-3 W-3 W-3 W-3 W-3 W-3
1/16"x3/16" CAPSTRIPS
1/6" Balsa
1/6" Balsa
1/6" Balsa

7/8"X3/16" Tapered Elevator
Shaped Balsa Block
2° RIGHT THRUST
1/4" BALSA FORWARD OF FIREWALL
5/8"X 1" Balsa Block
TANK AERA LEFT OPEN
1/16" Sheet Sides
1 11/16
1 31/32
5°
1/4" BALSA
NOTE SIZE DIFF TO ACCOUNT FOR RIGHT THRUST
1/4" BALSA
2 1/64
S-2
1/8" X 3/8" HARD BALSA OR SPRUCE SPAR
S-2
S-2
S-2
1/16" MUSIC WIRE
S-1
1/6" Balsa
S-1
GAUZE NYLON OR GLASS REINF.
1/6" Balsa
S-1
1/16 I.D. TUBING
S-2
S-2
S-2
S-2
3/16" X 1/4" REAR SPAR
S-2
1/16" DOUBLER FORMER #3 FORWARD
1/4" TRIPLER FORMER #2 FORWARD
5/8"X1"
1/2" BALSA
1/4"X1/2" FILLER
3/16" x 5/16" LEADING EDGE
FORMER #5 3/32" BALSA
FORMER #4 3/32" BALSA
1/16"X1/8" BALSA TYPICAL
FORMER #3 3/32" BALSA
DOUBLER
1/6" Balsa
TRIPLER
1/6" Balsa
1/6" Balsa
W-1
1/6" Balsa
W-3
W-2
S-1 1/16" BALSA MAKE 3
S-2 1/16" BALSA MAKE 8
FORMER #2 3/32" PLYWOOD
FORMER #1
3/32" PLY FIREWALL
1/4" BALSA TRIPLER
1/4" BALSA WING JOINER
1/16" Plywood
3/32" Music Wire Main Gear Make 2
1/8" Sheet Stab & Rudder
DIHEDRAL BRACES 1/16" PLY
1/4" JOINER
Shaped Balsa Block
4°
NACA 2415 Airfoil
1/2" BALSA
5/8"X1" BALSA
PAINTED WINDOWS
1-2 oz. Tank Sullivan R-T-1.5 Shown
1/8" DOWELS
Shaped Balsa Block
1/16" Balsa Sheet Cross Grain
1/8" DOWELS
3 53/64°
1/4" X 5/8" BALSA
1/8" BALSA
DRAIN
270 MAH Pack
1/8" X 1/8" BALSA
BALSA BLOCKS
3/32" Goldberg steerable nose gear
1/16" Balsa Sheet Cross Grain
BALSA FILLER
1 3/4 DIA
2 DIA
1/16" Plywood
3/32" Plywood
1/16 Plywood
1/16 Plywood
3/32" PLYWOOD
FWD looking up

1/2A SKY SQUIRE

SPAN 39" LENGTH 32"	REDRAWN AND MODEFIED BY RICHARD BROWNING USING DELTA CAD SOFTWARE FROM A ORIGINAL DESIGN BY R.JESS KRIESER PUBLISHED IN AMIERICAN AIRCRAFT MODELER MAGAZINE
POWER .049 - .061	
WING AREA 269 SQ.IN.	
WEIGHT 18 TO 28 OZ.	