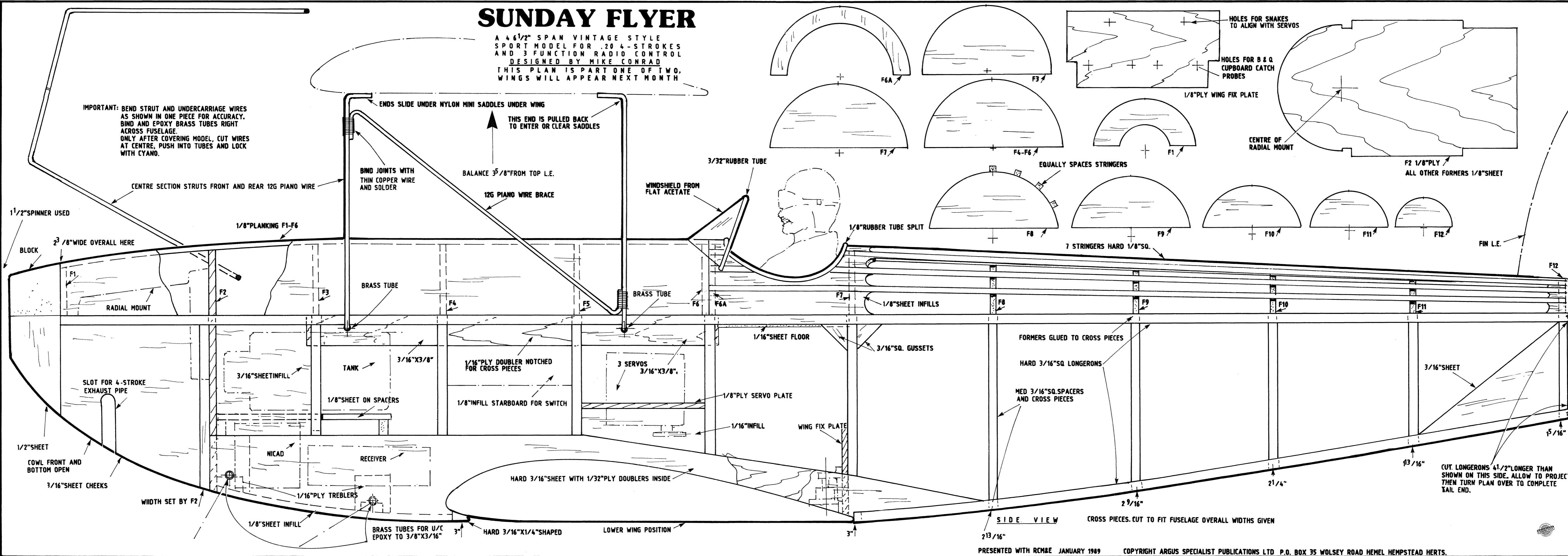


SUNDAY FLYER

A 4 6 1/2" SPAN VINTAGE STYLE SPORT MODEL FOR .20 4-STROKES AND 3 FUNCTION RADIO CONTROL
DESIGNED BY MIKE CONRAD
THIS PLAN IS PART ONE OF TWO, WINGS WILL APPEAR NEXT MONTH



IMPORTANT: BEND STRUT AND UNDERCARRIAGE WIRES AS SHOWN IN ONE PIECE FOR ACCURACY. BIND AND EPOXY BRASS TUBES RIGHT ACROSS FUSELAGE. ONLY AFTER COVERING MODEL, CUT WIRES AT CENTRE, PUSH INTO TUBES AND LOCK WITH CYANO.

ENDS SLIDE UNDER NYLON MINI SADDLES UNDER WING
THIS END IS PULLED BACK TO ENTER OR CLEAR SADDLES

BALANCE 3 5/8" FROM TOP L.E.

HOLES FOR SNAKES TO ALIGN WITH SERVOS
HOLES FOR B & Q CUPBOARD CATCH PROBES

CENTRE OF RADIAL MOUNT

F2 1/8" PLY
ALL OTHER FORMERS 1/8" SHEET

EQUALLY SPACES STRINGERS

7 STRINGERS HARD 1/8" SQ.

FIN L.E.

1 1/2" SPINNER USED

CENTRE SECTION STRUTS FRONT AND REAR 12G PIANO WIRE

BIND JOINTS WITH THIN COPPER WIRE AND SOLDER

12G PIANO WIRE BRACE

WINDSHIELD FROM FLAT ACETATE

3/32" RUBBER TUBE

1/8" RUBBER TUBE SPLIT

2 3/8" WIDE OVERALL HERE

1/8" PLANKING F1-F6

BRASS TUBE

BRASS TUBE

1/8" SHEET INFILLS

1/16" SHEET FLOOR

3/16" SQ. GUSSETS

FORMERS GLUED TO CROSS PIECES

HARD 3/16" SQ LONGERONS

MED 3/16" SQ SPACERS AND CROSS PIECES

3/16" SHEET

SLOT FOR 4-STROKE EXHAUST PIPE

3/16" SHEET INFILL

TANK

1/8" SHEET ON SPACERS

1/16" PLY DOUBLER NOTCHED FOR CROSS PIECES

3 SERVOS 3/16" X 3/8"

1/8" PLY SERVO PLATE

1/16" INFILL

WING FIX PLATE

1/2" SHEET

COWL FRONT AND BOTTOM OPEN

3/16" SHEET CHEEKS

WIDTH SET BY F2

NICAD

RECEIVER

1/16" PLY TREBLERS

1/8" SHEET INFILL

BRASS TUBES FOR U/C EPOXY TO 3/8" X 3/16"

HARD 3/16" X 1/4" SHAPED

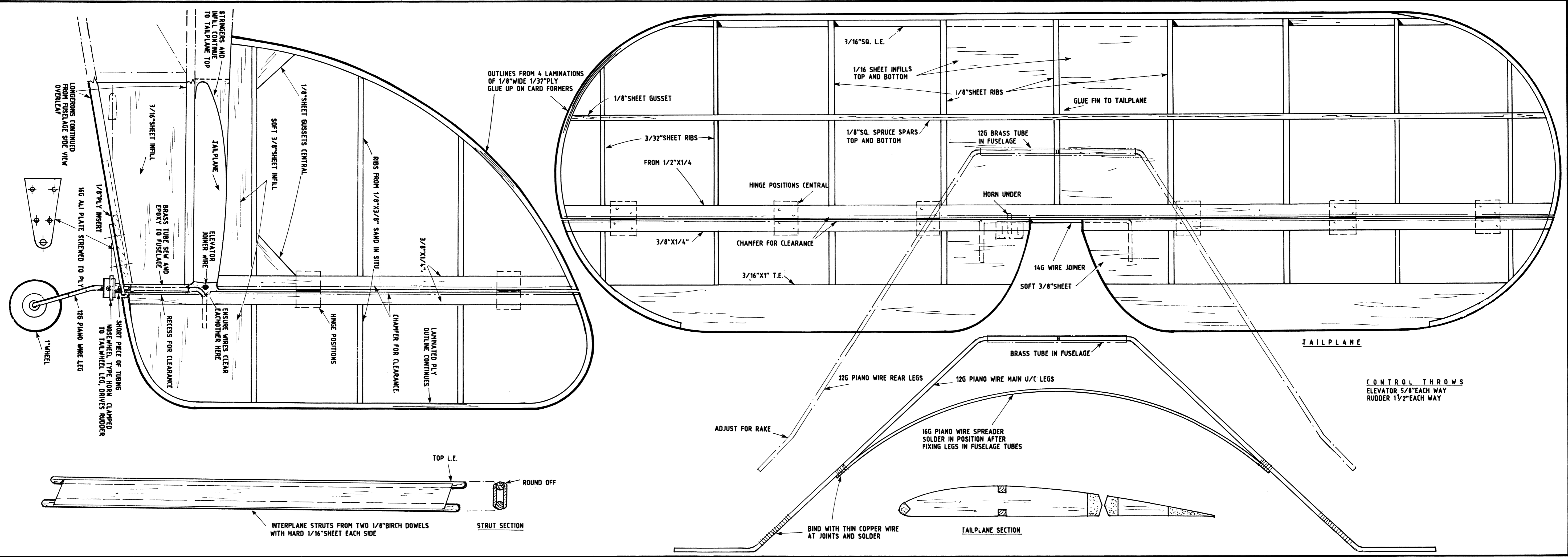
LOWER WING POSITION

HARD 3/16" SHEET WITH 1/32" PLY DOUBLERS INSIDE

SIDE VIEW

CROSS PIECES. CUT TO FIT FUSELAGE OVERALL WIDTHS GIVEN

CUT LONGERONS 4 1/2" LONGER THAN SHOWN ON THIS SIDE. ALLOW TO PROJECT, THEN TURN PLAN OVER TO COMPLETE TAIL END.



LONGERONS CONTINUED FROM FUSELAGE SIDE VIEW OVERLEAF

STRINGERS AND INFILL CONTINUE TO TAILPLANE TOP

3/16" SHEET INFILL

TAILPLANE

1/8" SHEET GUSSETS CENTRAL

SOFT 3/8" SHEET INFILL

RIBS FROM 1/8" X 3/8" SAND IN SITU

3/8" X 1/4"

CHAMFER FOR CLEARANCE

LAMINATED PLY OUTLINE CONTINUES

HINGE POSITIONS

ELEVATOR JOINER WIRE

ENSURE WIRES CLEAR EACH OTHER HERE

RECESS FOR CLEARANCE

BRASS TUBE SEW AND EPOXY TO FUSELAGE

SHORT PIECE OF TUBING NOSEWHEEL TYPE HORN CLAMPED TO TAILWHEEL LEG, DRIVES RUDDER

1/8" PLY INSERT

T WHEEL

12G PIANO WIRE LEG

OUTLINES FROM 4 LAMINATIONS OF 1/8" WIDE 1/32" PLY GLUE UP ON CARD FORMERS

1/8" SHEET GUSSET

3/32" SHEET RIBS FROM 1/2" X 1/4"

3/8" X 1/4"

HINGE POSITIONS CENTRAL

CHAMFER FOR CLEARANCE

3/16" X 1" T.E.

3/16" SQ. L.E.

1/16" SHEET INFILLS TOP AND BOTTOM

1/8" SHEET RIBS

GLUE FIN TO TAILPLANE

1/8" SQ. SPRUCE SPARS TOP AND BOTTOM

12G BRASS TUBE IN FUSELAGE

HORN UNDER

14G WIRE JOINER

SOFT 3/8" SHEET

TAILPLANE

CONTROL THROWS ELEVATOR 5/8" EACH WAY RUDDER 1 1/2" EACH WAY

ADJUST FOR RAKE

12G PIANO WIRE REAR LEGS

12G PIANO WIRE MAIN U/C LEGS

16G PIANO WIRE SPREADER SOLDER IN POSITION AFTER FIXING LEGS IN FUSELAGE TUBES

BIND WITH THIN COPPER WIRE AT JOINTS AND SOLDER

TAILPLANE SECTION

TOP L.E.

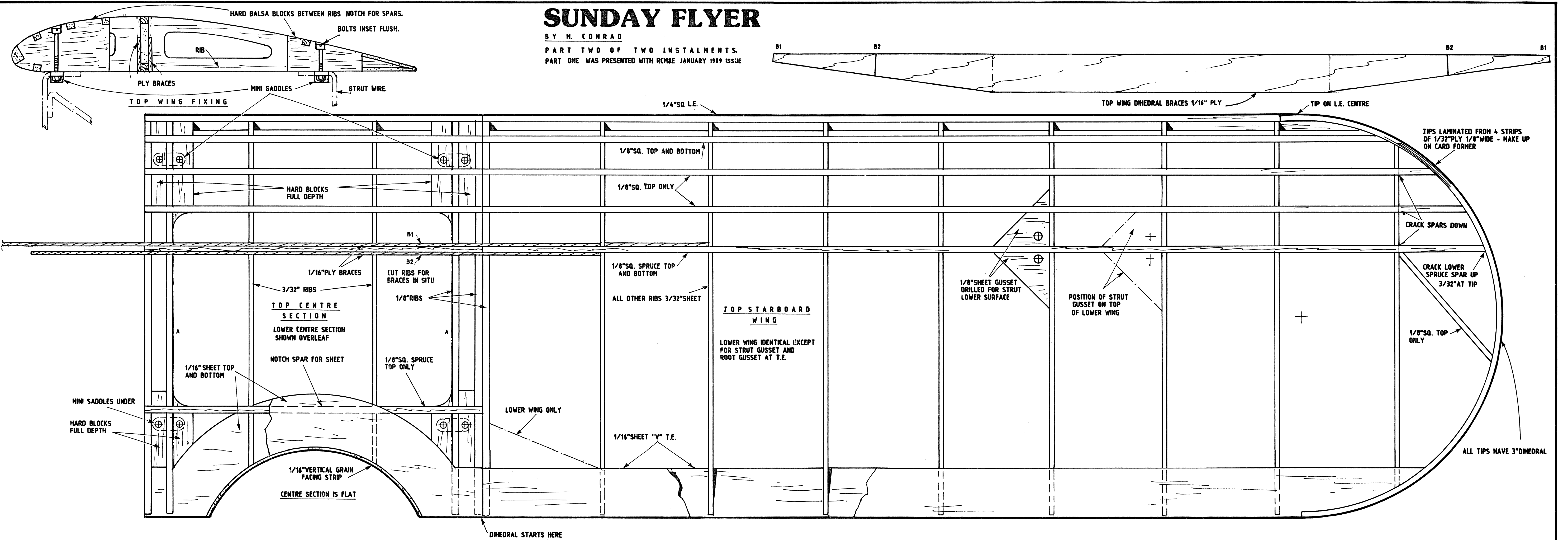
ROUND OFF

STRUT SECTION

INTERPLANE STRUTS FROM TWO 1/8" BIRCH DOWELS WITH HARD 1/16" SHEET EACH SIDE

SUNDAY FLYER

BY M. CONRAD
PART TWO OF TWO INSTALMENTS.
PART ONE WAS PRESENTED WITH RCM&E JANUARY 1989 ISSUE



ENTIRE MODEL COVERED IN COLOURED NYLON TO SHOW STRUCTURE

LAMINATED PLY TIP

SPRUCE SPARS

WING TIP SECTION

TEMPLATE FOR WING PANEL ROOT RIB ANGLE
USE ON TOP WINGS ALSO

CENTRE SECTION END RIBS VERTICAL

LOWER WING DIHEDRAL BRACES 1/16" PLY

NO PEGS; NOTCH IN FUSELAGE RETAINS L.E.

FILL WITH BLOCK HERE

BASIC WING RIB
CUT 35 FROM 3/32" SHEET
AND 10 FROM 1/8" SHEET
TRIM BACK AT T.E. IN SITU
FOR CENTRE SECTIONS

LOWER PORT
WING

TOP WING IDENTICAL EXCEPT
FOR STRUT GUSSETS AND
ROOT T.E. GUSSET

SEE OVERLEAF FOR MORE
CONSTRUCTION DETAILS

STRUT FIXING GUSSETS
FLUSH WITH TOP

POSITION OF TOP WING
STRUT GUSSETS UNDER

1/8" SHEET INFILL
BETWEEN SPARS

1/8" RIBS

3/32" RIB

1/16" SHEET GUSSETS
TOP AND BOTTOM

1/4" X 3/16"

TAPERED HARD Balsa BLOCK

CUPBOARD CATCHES

B & Q CUPBOARD CATCH SOCKETS

SHEET WEDGE

6 BA BOLTS FLUSH

CENTRE SECTION FLAT

LOWER WING FIXING

