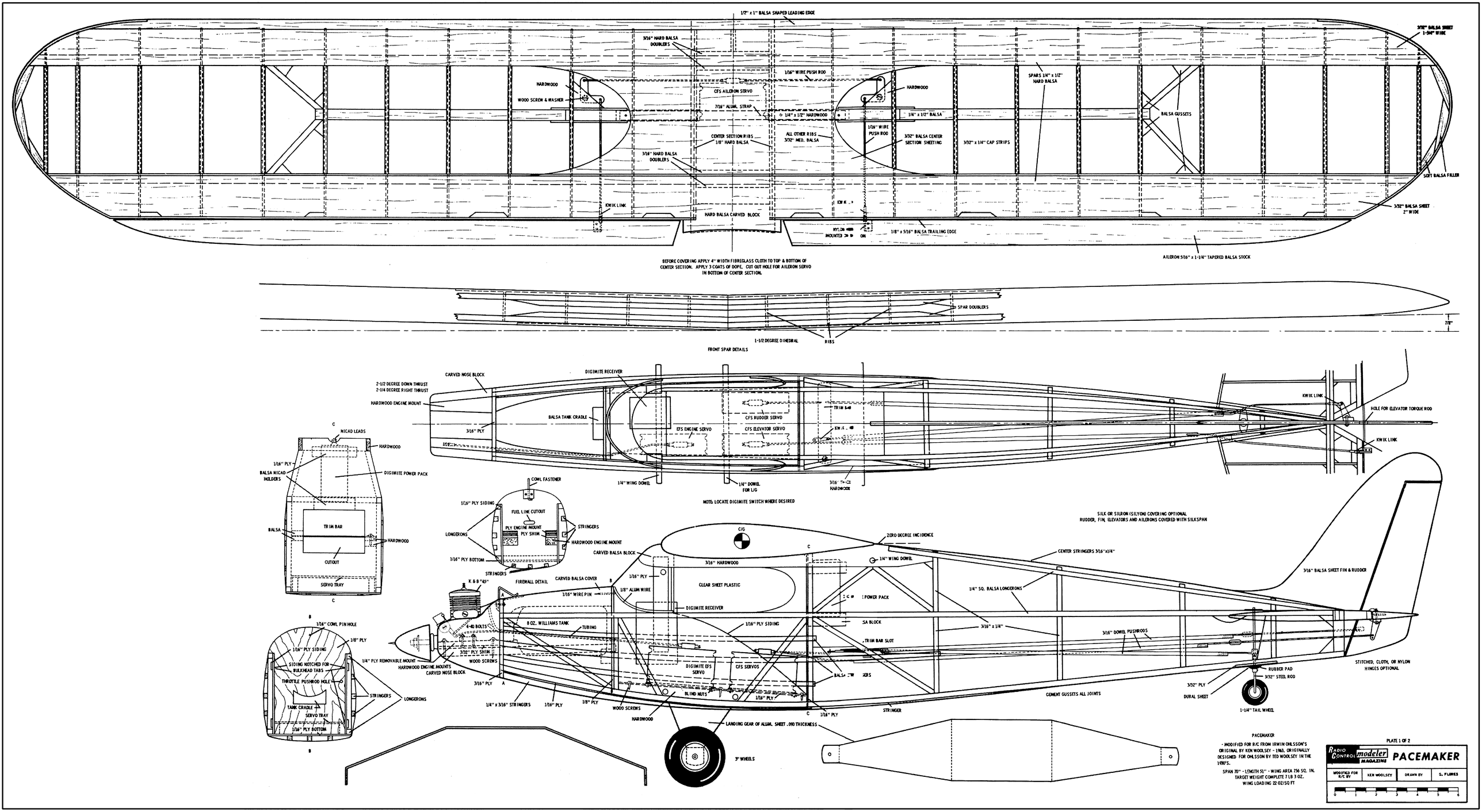
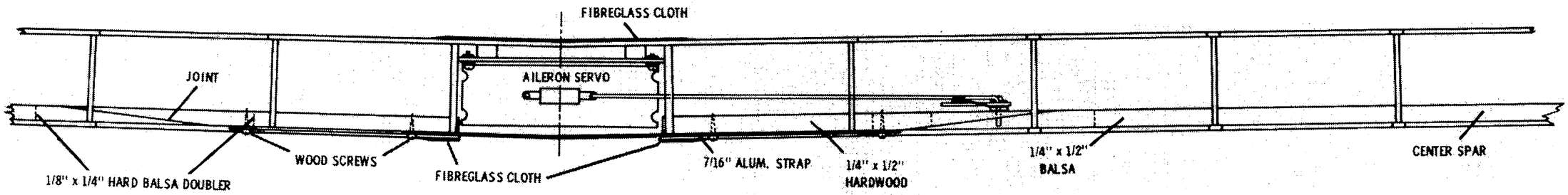
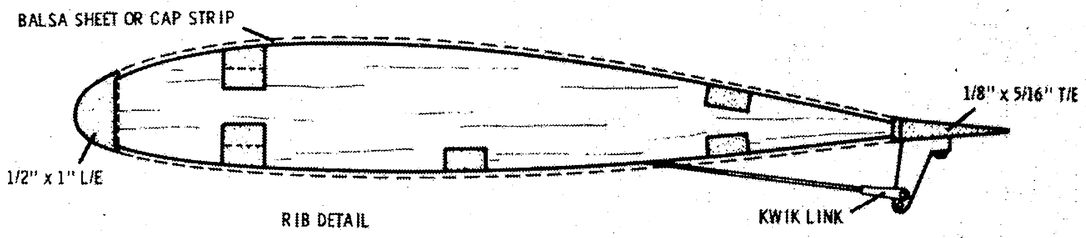

1/2" x 1" BALSA SHAPED LEADING EDGE
3/16" HARD BALSA DOUBLERS
1/16" WIRE PUSH ROD
3/32" BALSA SHEET 1-3/4" WIDE
HARDWOOD
WOOD SCREW & WASHER
CFS AILERON SERVO
7/16" ALUM. STRAP
1/4" x 1/2" HARDWOOD
1/4" x 1/2" BALSA
SPARS 1/4" x 1/2" HARD BALSA
BALSA GUSSETS
CENTER SECTION RIBS 1/8" HARD BALSA
ALL OTHER RIBS 3/32" MED. BALSA
3/32" BALSA CENTER SECTION SHEETING
3/32" x 1/4" CAP STRIPS
SOFT BALSA FILLER
KWIK LINK
HARD BALSA CARVED BLOCK
3/32" BALSA SHEET 2" WIDE
1/8" x 5/16" BALSA TRAILING EDGE
AILERON 5/16" x 1-1/4" TAPERED BALSA STOCK
BEFORE COVERING APPLY 4" WIDTH FIBREGLASS CLOTH TO TOP & BOTTOM OF CENTER SECTION. APPLY 3 COATS OF DOPE. CUT OUT HOLE FOR AILERON SERVO IN BOTTOM OF CENTER SECTION.
SPAR DOUBLERS
1-1/2 DEGREE DIHEDRAL
RIBS
FRONT SPAR DETAILS
CARVED NOSE BLOCK
DIGIMITE RECEIVER
2-1/2 DEGREE DOWN THRUST
2-1/4 DEGREE RIGHT THRUST
HARDWOOD ENGINE MOUNT
BALSA TANK CRADLE
CFS RUDDER SERVO
CFS ELEVATOR SERVO
EFS ENGINE SERVO
3/16" PLY
KWIK LINK
HOLE FOR ELEVATOR TORQUE ROD
1/4" WING DOWEL
1/4" DOWEL FOR L/G
3/16" HARDWOOD
NOTE: LOCATE DIGIMITE SWITCH WHERE DESIRED
SILK OR SILRON (SILYON) COVERING OPTIONAL
RUDDER, FIN, ELEVATORS AND AILERONS COVERED WITH SILKSPAN
NICAD LEADS
HARDWOOD
1/16" PLY
BALSA NICAD HOLDERS
DIGIMITE POWER PACK
TRIM BAR
BALSA
CUTOUT
SERVO TRAY
COWL FASTENER
1/16" PLY SIDING
FUEL LINE CUTOUT
PLY ENGINE MOUNT
PLY SHIM
STRINGERS
LONGERONS
HARDWOOD ENGINE MOUNT
1/16" PLY BOTTOM
FIREWALL DETAIL
C/G
ZERO DEGREE INCIDENCE
CARVED BALSA BLOCK
3/16" HARDWOOD
1/4" WING DOWEL
CENTER STRINGERS 3/16" x 1/4"
3/16" BALSA SHEET FIN & RUDDER
CARVED BALSA COVER
1/16" PLY
CLEAR SHEET PLASTIC
1/4" SQ. BALSA LONGERONS
K & B "45"
1/16" WIRE PIN
1/8" ALUM WIRE
DIGIMITE RECEIVER
POWER PACK
1/16" PLY SIDING
3/16" x 1/4"
3/16" DOWEL PUSHRODS
8 OZ. WILLIAMS TANK
TUBING
4-40 BOLTS
TRIM BAR SLOT
1/16" COWL PIN HOLE
1/8" PLY
1/4" PLY SIDING
3/32" PLY SHIM
WOOD SCREWS
1/4" PLY REMOVABLE MOUNT
SIDING NOTCHED FOR BULKHEAD TABS
HARDWOOD ENGINE MOUNTS
CARVED NOSE BLOCK
THROTTLE PUSHROD HOLE
DIGIMITE EFS SERVO
CFS SERVOS
STITCHED, CLOTH, OR NYLON HINGES OPTIONAL
RUBBER PAD
3/32" STEEL ROD
3/16" PLY
STRINGERS
LONGERONS
TANK CRADLE
SERVO TRAY
1/16" PLY BOTTOM
1/4" x 3/16" STRINGERS
1/16" PLY
1/8" PLY
BLIND NUTS
GEMENT GUSSETS ALL JOINTS
3/32" PLY
DURAL SHEET
1-1/4" TAIL WHEEL
STRINGER
HARDWOOD
LANDING GEAR OF ALUM. SHEET .090 THICKNESS
3" WHEELS
PACEMAKER
- MODIFIED FOR R/C FROM IRWIN OHLSSON'S ORIGINAL BY KEN WOOLSEY - 1963, ORIGINALLY DESIGNED FOR OHLSSON BY TED WOOLSEY IN THE 1990'S.
SPAN 70" - LENGTH 51" - WING AREA 256 SQ. IN.
TARGET WEIGHT COMPLETE 7 LB 3 OZ.
WING LOADING 22 OZ/SQ FT
PLATE 1 OF 2
RADIO CONTROL modeler MAGAZINE
PACEMAKER
MODIFIED FOR R/C BY
KEN WOOLSEY
DRAWN BY
S. FLORES
0 1 2 3 4 5 6

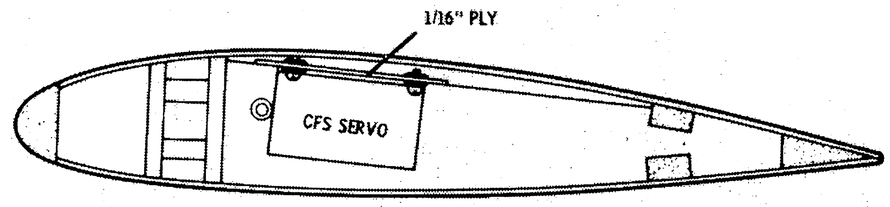


CENTER SPAR DETAIL



RIB DETAIL

6 REQD WITH 1/2" DEEP NOTCHES FOR FRONT SPARS. (2 RIBS OF 1/8" BALSA STOCK)
8 REQD WITH 1/4" DEEP NOTCHES FOR FRONT SPARS.
6 REQD WITH 1/4" DEEP NOTCHES FOR FRONT SPARS BUT WITHOUT CENTER SPAR NOTCH.
4 TIP RIBS (INTERPOLATED)



15% CHORD DEPTH AIRFOIL

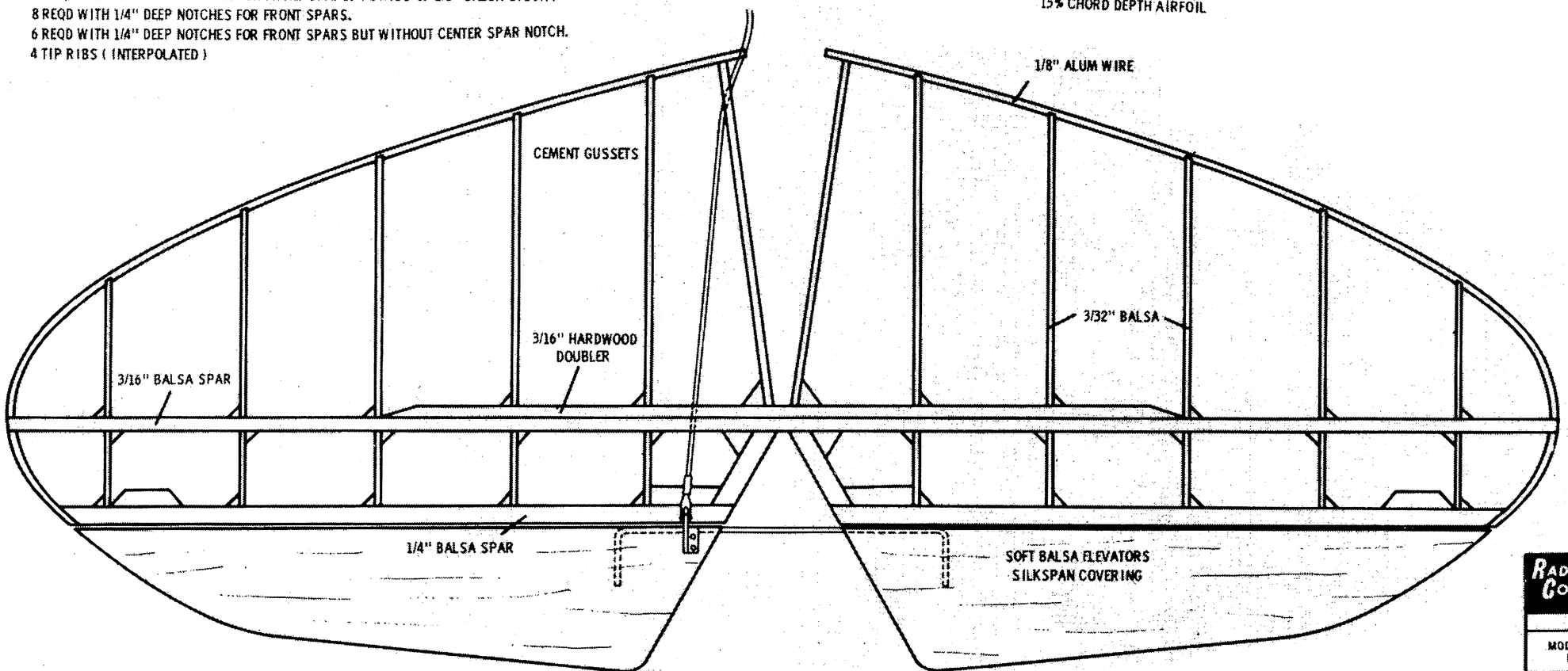


PLATE 2 OF 2

RADIO CONTROL modeler MAGAZINE

PACEMAKER

MODIFIED FOR R/C BY	KEN WOOLSEY	DRAWN BY	G. FLORES

0 1 2 3 4 5 6