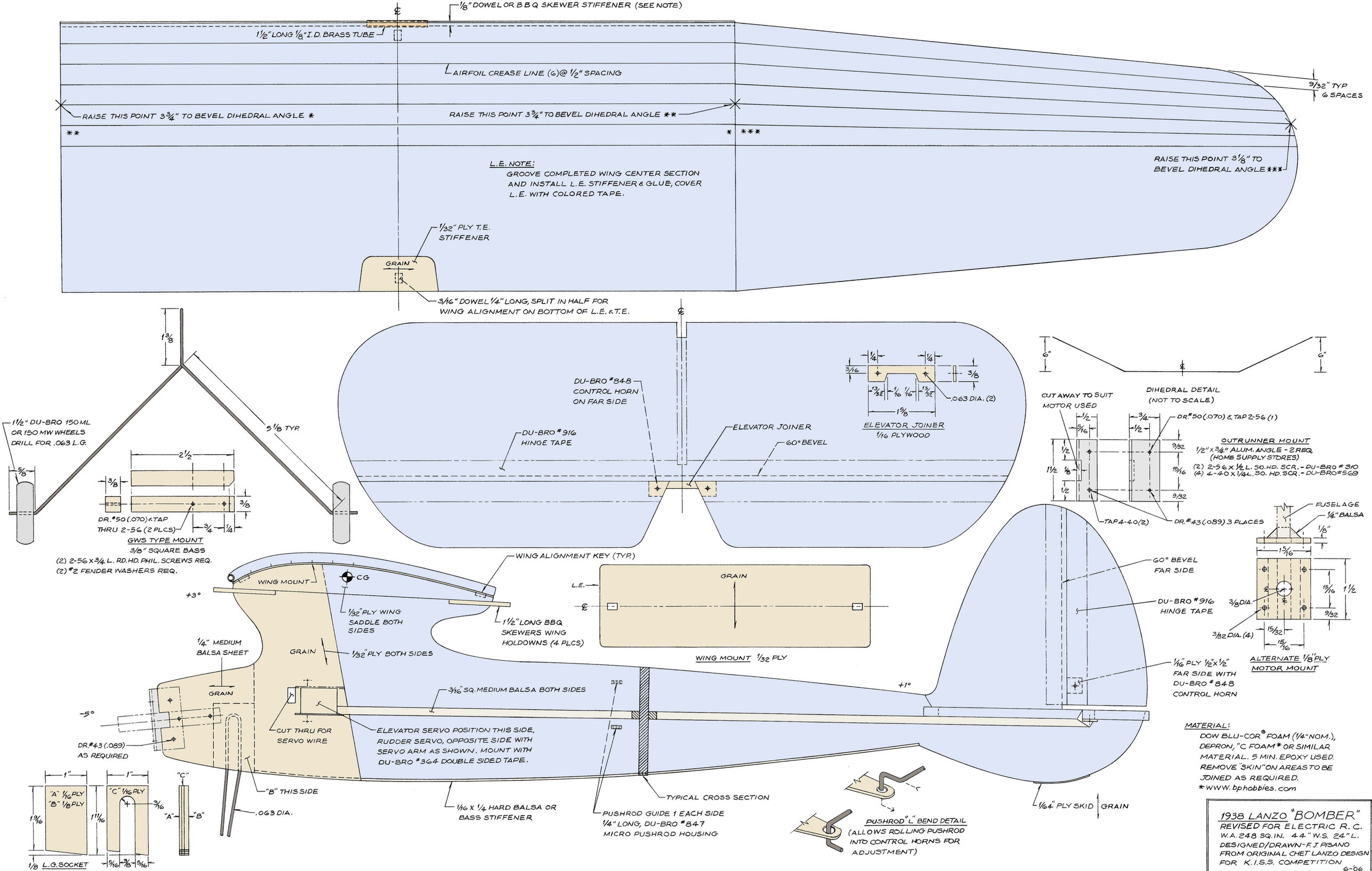
1/8" DOWEL OR B.B.Q SKEWER STIFFENER (SEE NOTE)
1 1/2" LONG 1/8" I.D. BRASS TUBE
AIRFOIL CREASE LINE (6) @ 1/2" SPACING
9/32" TYP 6 SPACES
RAISE THIS POINT 3 3/4" TO BEVEL DIHEDRAL ANGLE *
RAISE THIS POINT 3 3/4" TO BEVEL DIHEDRAL ANGLE **
RAISE THIS POINT 3 1/8" TO BEVEL DIHEDRAL ANGLE ***
L.E. NOTE:
GROOVE COMPLETED WING CENTER SECTION AND INSTALL L.E. STIFFENER & GLUE, COVER L.E. WITH COLORED TAPE.
1/32" PLY T.E. STIFFENER
GRAIN
3/16" DOWEL 1/4" LONG, SPLIT IN HALF FOR WING ALIGNMENT ON BOTTOM OF L.E. & T.E.
1 3/8
1 1/2" DU-BRO 150 ML OR 150 MW WHEELS DRILL FOR .063 L.G.
5/8
5 1/8 TYP.
2 1/2
3/8
DR. #50 (.070) & TAP THRU 2-56 (2 PLCS)
3/4
1/4
GWS TYPE MOUNT
3/8" SQUARE BASS
(2) 2-56 x 3/4 L. RD. HD. PHIL. SCREWS REQ.
(2) #2 FENDER WASHERS REQ.
DU-BRO #84-B CONTROL HORN ON FAR SIDE
DU-BRO #916 HINGE TAPE
ELEVATOR JOINER
60° BEVEL
1/4
3/16
3/8
13/32
1/16
.063 DIA. (2)
1 5/8
ELEVATOR JOINER
1/16 PLYWOOD
6"
DIHEDRAL DETAIL (NOT TO SCALE)
CUT AWAY TO SUIT MOTOR USED
1/2
5/16
9/32
15/16
1 1/2
1/8
DR. #50 (.070) & TAP 2-56 (1)
OUTRUNNER MOUNT
1/2" x 3/4" ALUM. ANGLE - 2 REQ. (HOME SUPPLY STORES)
(2) 2-56 x 1/2 L. SO. HD. SCR. - DU-BRO #310
(4) 4-40 x 1/4 L. SO. HD. SCR. - DU-BRO #569
TAP 4-40 (2)
DR. #43 (.089) 3 PLACES
FUSELAGE
1/4" BALSA
1 5/16
3/8 DIA.
3/32 DIA. (4)
ALTERNATE 1/8" PLY MOTOR MOUNT
WING ALIGNMENT KEY (TYP.)
WING MOUNT
CG
+3°
1/32" PLY WING SADDLE BOTH SIDES
1 1/2" LONG BBQ SKEWERS WING HOLDOWNS (4 PLCS)
L.E.
GRAIN
WING MOUNT 1/32 PLY
60° BEVEL FAR SIDE
DU-BRO #916 HINGE TAPE
1/4" MEDIUM BALSA SHEET
GRAIN
1/32" PLY BOTH SIDES
3/16" SQ. MEDIUM BALSA BOTH SIDES
+1°
1/16" PLY 1/2" x 1/2" FAR SIDE WITH DU-BRO #848 CONTROL HORN
-5°
CUT THRU FOR SERVO WIRE
ELEVATOR SERVO POSITION THIS SIDE, RUDDER SERVO, OPPOSITE SIDE WITH SERVO ARM AS SHOWN. MOUNT WITH DU-BRO #364 DOUBLE SIDED TAPE.
DR. #43 (.089) AS REQUIRED
"B" THIS SIDE
.063 DIA.
1/16 X 1/4 HARD BALSA OR BASS STIFFENER
PUSHROD GUIDE 1 EACH SIDE 1/4" LONG, DU-BRO #847 MICRO PUSHROD HOUSING
TYPICAL CROSS SECTION
1/64" PLY SKID
GRAIN
PUSHROD "L" BEND DETAIL (ALLOWS ROLLING PUSHROD INTO CONTROL HORNS FOR ADJUSTMENT)
"A" 1/16 PLY
"B" 1/8 PLY
1 3/16
1 11/16
"C" 1/16 PLY
3/16
"A"
"B"
"C"
1/8 L.G. SOCKET
5/16
3/8
5/16
MATERIAL:
DOW BLU-COR® FOAM (1/4" NOM.), DEPRON, "C FOAM* OR SIMILAR MATERIAL. 5 MIN. EPOXY USED. REMOVE "SKIN" ON AREAS TO BE JOINED AS REQUIRED.
* WWW.bphobbies.com
1938 LANZO "BOMBER"
REVISED FOR ELECTRIC R.C.
W.A. 248 SQ. IN. 44" W.S. 24" L.
DESIGNED/DRAWN - F.J. PISANO
FROM ORIGINAL CHET LANZO DESIGN
FOR K.I.S.S. COMPETITION
6-06