1/16 BALSA SHEETING T. & B.
6 HINGES PER SPAN
1/32 PIANO WIRE HINGE
1/8 TRIM TAB SPARS
3/8 BALSA SHEET ( HARD)
3/8 x 3/8 SPRUCE STAB SPAR
3/8 x 3/8 SPRUCE ELEVATOR SPAR
3/8 x 1/4 BALSA BLOCK TIPS
1/8 BALSA RIBS (TYP)
1/16 BALSA SHEET OR
1/64 PLYWOOD, T.&.B.
1/8 PLYWOOD TIP
3/8 x 3/8 SPRUCE LEADING EDGE
1/4 x 1/8 BALSA T.E.
3/8 x 3/8 SPRUCE RUDDER SPAR
1/8 BALSA RIBS (TYP)
3/8 x 3/8 SPRUCE FIN SPAR
3 HINGES PER SPAN
1/8 BALSA SHEET TIP
BLOCK OF HARD BALSA FILLET
1/8 PIANO WIRE TAIL SKID WITH SMALL
RUBBER BALL FOR SHOCK ABSORBER
1/16 BALSA SHEETING OR
1/64 PLYWOOD, IF YOU USE THE
PLYWOOD INCREASE THE SIZE OF THE SPARS,
AND LEADING AND TRAILING EDGES ACCORDINGLY.
1/8 PLYWOOD TIPS
3/8 x 3/8 BALSA L.E.
3/32 PIANO WIRE HORN
1" LAMINATED BALSA BLOCKS FOR WING
FILLETS, CARVE TO SHAPE.(EPOXY)
1/8 PLYWOOD FORMERS(TYP)
1A
1
2
3
4
5
6
7
A
EPOXY THE JOINT BETWEEN THE STAB AND
THE DORSAL FIN, AS IT WILL TAKE A GREAT
DEAL OF FORCE.
1/4 PLYWOOD LAMINATED WITH TWO SIDES
OF 1/16 BALSA OR 1 PIECE OF VERY HARD
3/8 BALSA FOR DORSAL FIN.
HOLE FOR ELEVATOR HORN
3/16 x 3/8 SPRUCE KEEL
1/8 BALSA SHEET SIDES
1/8 PLYWOOD CANOPY SUB TRAY
¼ I.D. FIBREGLASS WING ROD TUBE
ELEVATOR PUSH ROD
RUDDER PUSH ROD
1/8 BALSA SHEET SIDES
BALSA NOSE BLOCK,CARVE TO SHAPE
1/8 PLYWOOD CANOPY TRAY
AILERON SERVO
SPOILER SERVO
ELEVATOR SERVO
RUDDER SERVO
1/8 PLYWOOD SERVO TRAYS
1/8 BALSA SHEET SIDES
1/4 x 1/2 PLYWOOD WHEEL SPARS
SPRUCE BLOCK FOR TOW HOOK(EPOXY)
3/16 x 3/8 SPRUCE KEEL
1/8 BALSA SHEET SIDES
1/4 PLYWOOD KEEL
CURTAIN HOOK FOR TOW HOOK
2¼ " DIAMETER WHEEL
EPOXY THE SPARS,KEELS TO THE FORMERS
2 PIECES OF 1/16 PLYWOOD LAMINATED
TOGETHER AND TO A PIECE OF ½ x ½ BLACK
WEATHER STRIP FOR SHOCK ABSORBER
"HOT-STUFF" SHOULD BE USED THROUGHOUT
FOR STRENGTH, "FABRIKOTE" OR "COVERITE"
SHOULD BE USED FOR ALL FABRIC COVERED
SURFACES
SZD-9 bis Bocian 1E
DESIGNED,DRAWN, AND INKED
10 . 80 BY
Jim Easley
H.E


1/8 PLYWOOD TIP SKID
3/32 PIANO WIRE HORN
1/8 PLYWOOD TIP
1/16 BALSA SHEETING T. & B.
1/16 BALSA CAPSTRIPS (TYP)
1/8 x 3/8 SPRUCE SPARS (TYP)
1/16 BALSA WEBBING VERTICAL GRAIN
1/2 x 3/8 BALSA L.E.
30 CM KDH SPOILERS
1/8 HARD BALSA SPOILER BAY SIDES
1/16 HARD BALSA T.E. T. & B.
¼ I.D. FIBERGLASS WING ROD TUBE
¼ O.D. WING ROD
ALL FALSE RIBS ARE PATTERNED AFTER THE PREVIOUS FULL RIB AND SANDED TO SHAPE
1/8 BALSA RIBS(TYP)
1,2,3,4,11 - 3/32 PLYWOOD RIBS
H.E