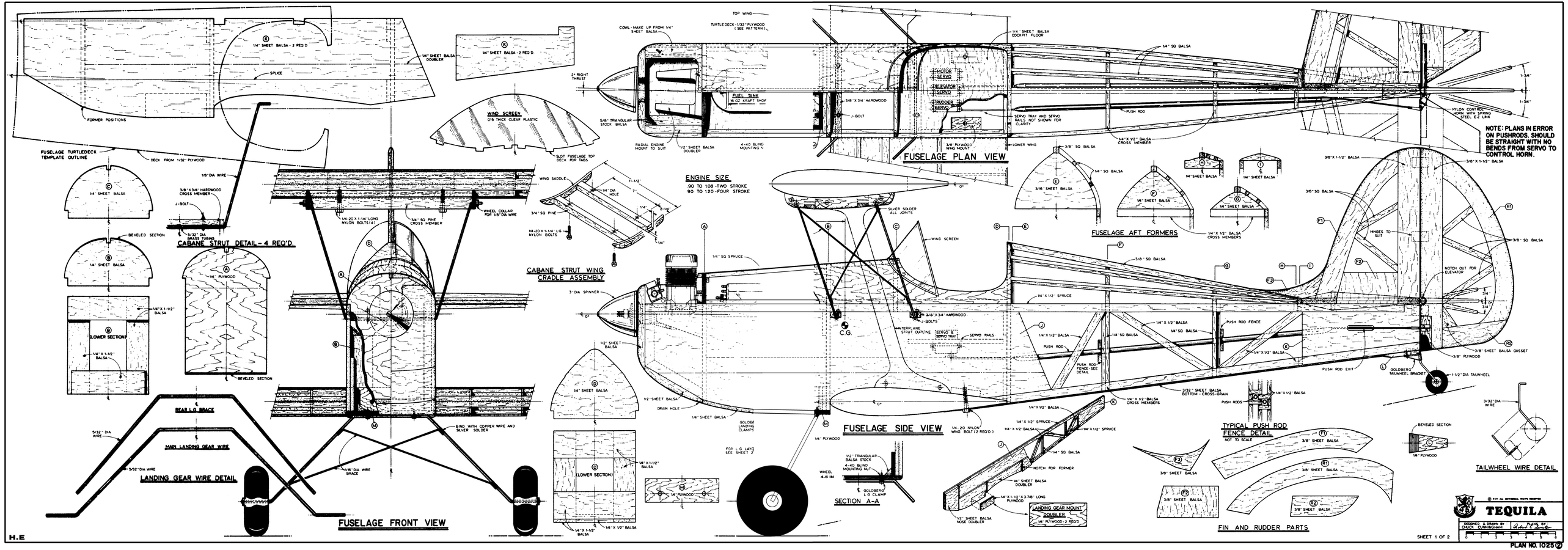
FUSELAGE TURTLEDECK TEMPLATE OUTLINE
DECK FROM 1/32" PLYWOOD
FORMER POSITIONS
SPLICE
1/4" SHEET BALSA - 2 REQ'D
1/4" SHEET BALSA DOUBLER
1/4" SHEET BALSA - 2 REQ'D.
WIND SCREEN
.015 THICK CLEAR PLASTIC
SLOT FUSELAGE TOP DECK FOR TABS
TOP WING
TURTLE DECK - 1/32" PLYWOOD (SEE PATTERN)
COWL - MAKE UP FROM 1/4" SHEET BALSA
2° RIGHT THRUST
FUEL TANK 16 OZ KRAFT SHOV
5/8" TRIANGULAR STOCK BALSA
RADIAL ENGINE MOUNT TO SUIT
1/2" SHEET BALSA DOUBLER
4-40 BLIND MOUNTING N
3/8" X 3/4" HARDWOOD
J-BOLT
MOTOR SERVO
ELEVATOR SERVO
RUDDER SERVO
3/8" PLYWOOD WING MOUNT
SERVO TRAY AND SERVO RAILS NOT SHOWN FOR CLARITY
LOWER WING
1/4" SHEET BALSA COCKPIT FLOOR
1/4" SQ BALSA
PUSH ROD
1/4" X 1/2" BALSA CROSS MEMBER
NYLON CONTROL HORN WITH SPRING STEEL EZ LINK
1-3/4"
NOTE: PLANS IN ERROR ON PUSHRODS. SHOULD BE STRAIGHT WITH NO BENDS FROM SERVO TO CONTROL HORN.
FUSELAGE PLAN VIEW
ENGINE SIZE
90 TO 108 -TWO STROKE
90 TO 120 -FOUR STROKE
1/8" DIA WIRE
1/4" SHEET BALSA
3/8" X 3/4" HARDWOOD CROSS MEMBER
J-BOLT
5/32" DIA BRASS TUBING
BEVELED SECTION
1/4" SHEET BALSA
1/4" PLYWOOD
1/4" X 1-1/2" BALSA
(LOWER SECTION)
1/4" X 1-1/2" BALSA
BEVELED SECTION
CABANE STRUT DETAIL - 4 REQ'D.
1/4-20 X 1-1/4" LONG NYLON BOLTS (4)
3/4" SQ PINE CROSS MEMBER
WHEEL COLLAR FOR 1/8" DIA WIRE
WING SADDLE
1/4" DIA HOLE
3/4" SQ PINE
1/4-20 X 1-1/4" LG NYLON BOLTS
11-1/2"
2-1/2"
1/4"
CABANE STRUT WING CRADLE ASSEMBLY
1/4" SQ SPRUCE
3" DIA SPINNER
0°
SILVER SOLDER ALL JOINTS
WIND SCREEN
3/8" X 3/4" HARDWOOD
J-BOLTS
C.G.
INTERPLANE STRUT OUTLINE
SERVO & SERVO TRAY
SERVO RAILS
1/2" SHEET BALSA
1/4" SHEET BALSA
DRAIN HOLE
1/4" SHEET BALSA
GOLDBM LANDING CLAMPS
FOR L.G. LAYS SEE SHEET 2
1/4" PLYWOOD
1/4-20 NYLON WING BOLT (2 REQ'D)
FUSELAGE SIDE VIEW
1/2" TRIANGULAR BALSA STOCK
4-40 BLIND MOUNTING NUT
WHEEL 4.5 IN
GOLDBERG L.G. CLAMP
SECTION A-A
1/4" X 1/2" SPRUCE
1/4" X 1/2" BALSA
1/4" SQ BALSA
NOTCH FOR FORMER
1/4" SHEET BALSA DOUBLER
1/4" X 1/2" X 3-7/8" LONG PLYWOOD
1/2" SHEET BALSA NOSE DOUBLER
LANDING GEAR MOUNT DOUBLER
1/4" PLYWOOD - 2 REQ'D
3/8" SQ BALSA
3/8" SHEET BALSA
1/4" SHEET BALSA
1/4" X 1/2" BALSA CROSS MEMBERS
FUSELAGE AFT FORMERS
3/8" X 1-1/2" BALSA
3/8" SQ BALSA
HINGES TO SUIT
NOTCH OUT FOR ELEVATOR
3/8" SQ BALSA
1/4" X 1/2" BALSA
1/4" SQ BALSA
PUSH ROD FENCE
PUSH ROD
PUSH ROD FENCE - SEE DETAIL
3/32" SHEET BALSA BOTTOM - CROSS GRAIN
1/4" X 1/2" BALSA CROSS MEMBERS
PUSH ROD EXIT
GOLDBERG TAILWHEEL BRACKET
1-1/2" DIA TAILWHEEL
3/8" SHEET BALSA GUSSET
3/8" PLYWOOD
PUSH RODS
1/4" X 1/2" BALSA
TYPICAL PUSH ROD FENCE DETAIL
NOT TO SCALE
3/8" SHEET BALSA
FIN AND RUDDER PARTS
BEVELED SECTION
1/4" PLYWOOD
3/32" DIA WIRE
TAILWHEEL WIRE DETAIL
REAR L.G. BRACE
5/32" DIA WIRE
MAIN LANDING GEAR WIRE
5/32" DIA WIRE
LANDING GEAR WIRE DETAIL
1/8" DIA WIRE BRACE
BIND WITH COPPER WIRE AND SILVER SOLDER
FUSELAGE FRONT VIEW
1/4" PLYWOOD
(LOWER SECTION)
1/4" X 1-1/2" BALSA
1/4" X 1/2" BALSA
H.E
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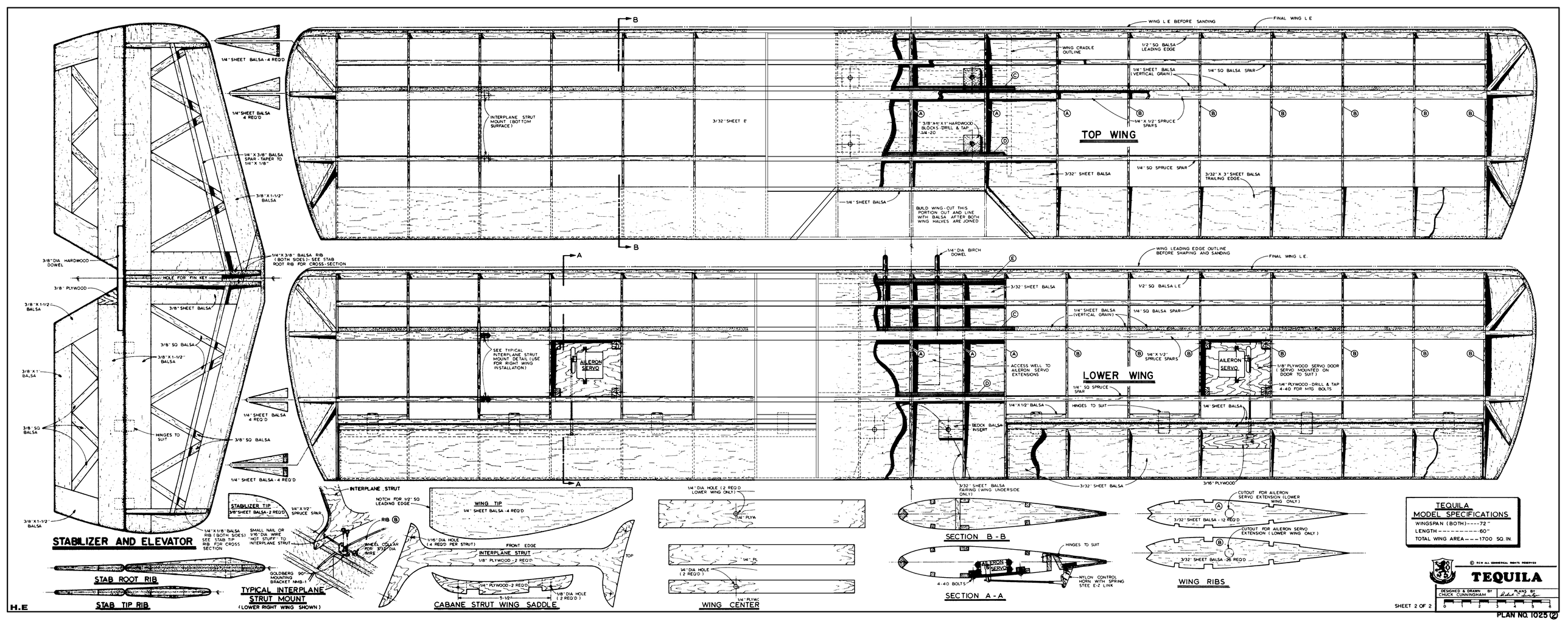
TEQUILA
DESIGNED & DRAWN BY CHUCK CUNNINGHAM
PLANS BY
SHEET 1 OF 2
PLAN NO. 1025 (2)


TOP WING
LOWER WING
STABILIZER AND ELEVATOR
STAB ROOT RIB
STAB TIP RIB
TYPICAL INTERPLANE STRUT MOUNT
(LOWER RIGHT WING SHOWN)
CABANE STRUT WING SADDLE
WING CENTER
SECTION B-B
SECTION A-A
WING RIBS
1/4" SHEET BALSA-4 REQ'D
1/4" SHEET BALSA 4 REQ'D
1/8" X 3/8" BALSA SPAR - TAPER TO 1/4" X 1/8"
3/8" X 1-1/2" BALSA
3/8" DIA HARDWOOD DOWEL
3/8" PLYWOOD
3/8" SHEET BALSA
3/8" SQ BALSA
3/8" X 1" BALSA
HINGES TO SUIT
1/4" X 3/8" BALSA RIB (BOTH SIDES) - SEE STAB ROOT RIB FOR CROSS-SECTION
HOLE FOR "FIN KEY"
STABILIZER TIP
3/8" SHEET BALSA-2 REQ'D
1/4" X 1/2" SPRUCE SPAR
1/4" X 1/8" BALSA RIB (BOTH SIDES) SEE STAB TIP RIB FOR CROSS SECTION
SMALL NAIL OR 1/16" DIA WIRE "HOT STUFF" TO INTERPLANE STRUT
INTERPLANE STRUT
NOTCH FOR 1/2" SQ LEADING EDGE
RIB (B)
WHEEL COLLAR FOR 3/32" DIA WIRE
GOLDBERG MOUNTING BRACKET NMB-1
90°
WING TIP
1/4" SHEET BALSA-4 REQ'D
1/16" DIA HOLE (4 REQ'D PER STRUT)
FRONT EDGE
INTERPLANE STRUT
1/8" PLYWOOD-2 REQ'D
TOP
1/4" PLYWOOD-2 REQ'D
1/8" DIA HOLE (2 REQ'D)
5-1/2"
1/4" DIA HOLE (2 REQ'D LOWER WING ONLY)
1/4" PLYW
1/4" DIA HOLE (2 REQ'D)
1/4" PL
1/4" PLYWD
3/32" SHEET BALSA FAIRING (WING UNDERSIDE ONLY)
3/32" SHEET BALSA
3/16" PLYWOOD
HINGES TO SUIT
AILERON SERVO
4-40 BOLTS
NYLON CONTROL HORN WITH SPRING STEE E-Z LINK
CUTOUT FOR AILERON SERVO EXTENSION (LOWER WING ONLY)
3/32" SHEET BALSA-12 REQ'D
3/32" SHEET BALSA-26 REQ'D
WING LE BEFORE SANDING
FINAL WING LE
WING CRADLE OUTLINE
1/2" SQ BALSA LEADING EDGE
1/4" SHEET BALSA (VERTICAL GRAIN)
1/4" SQ BALSA SPAR
1/4" X 1/2" SPRUCE SPARS
3/32" SHEET BALSA
1/4" SQ SPRUCE SPAR
3/32" X 3" SHEET BALSA TRAILING EDGE
INTERPLANE STRUT MOUNT (BOTTOM SURFACE)
3/32" SHEET B
3/8" X 1" HARDWOOD BLOCKS - DRILL & TAP 1/4-20
1/4" SHEET BALSA
BUILD WING - CUT THIS PORTION OUT AND LINE WITH BALSA AFTER BOTH WING HALVES ARE JOINED
1/4" DIA BIRCH DOWEL
WING LEADING EDGE OUTLINE BEFORE SHAPING AND SANDING
1/2" SQ BALSA LE
SEE TYPICAL INTERPLANE STRUT MOUNT DETAIL (USE FOR RIGHT WING INSTALLATION)
ACCESS WELL TO AILERON SERVO EXTENSIONS
1/8" PLYWOOD SERVO DOOR (SERVO MOUNTED ON DOOR TO SUIT)
1/4" PLYWOOD - DRILL & TAP 4-40 FOR MTG BOLTS
1/4" X 1/2" BALSA
BLOCK BALSA INSERT
1/4" SHEET BALSA
TEQUILA MODEL SPECIFICATIONS
WINGSPAN (BOTH)----72"
LENGTH----------60"
TOTAL WING AREA---1700 SQ. IN.
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TEQUILA
DESIGNED & DRAWN BY CHUCK CUNNINGHAM
PLANS BY
SHEET 2 OF 2
PLAN NO. 1025 (2)
H.E