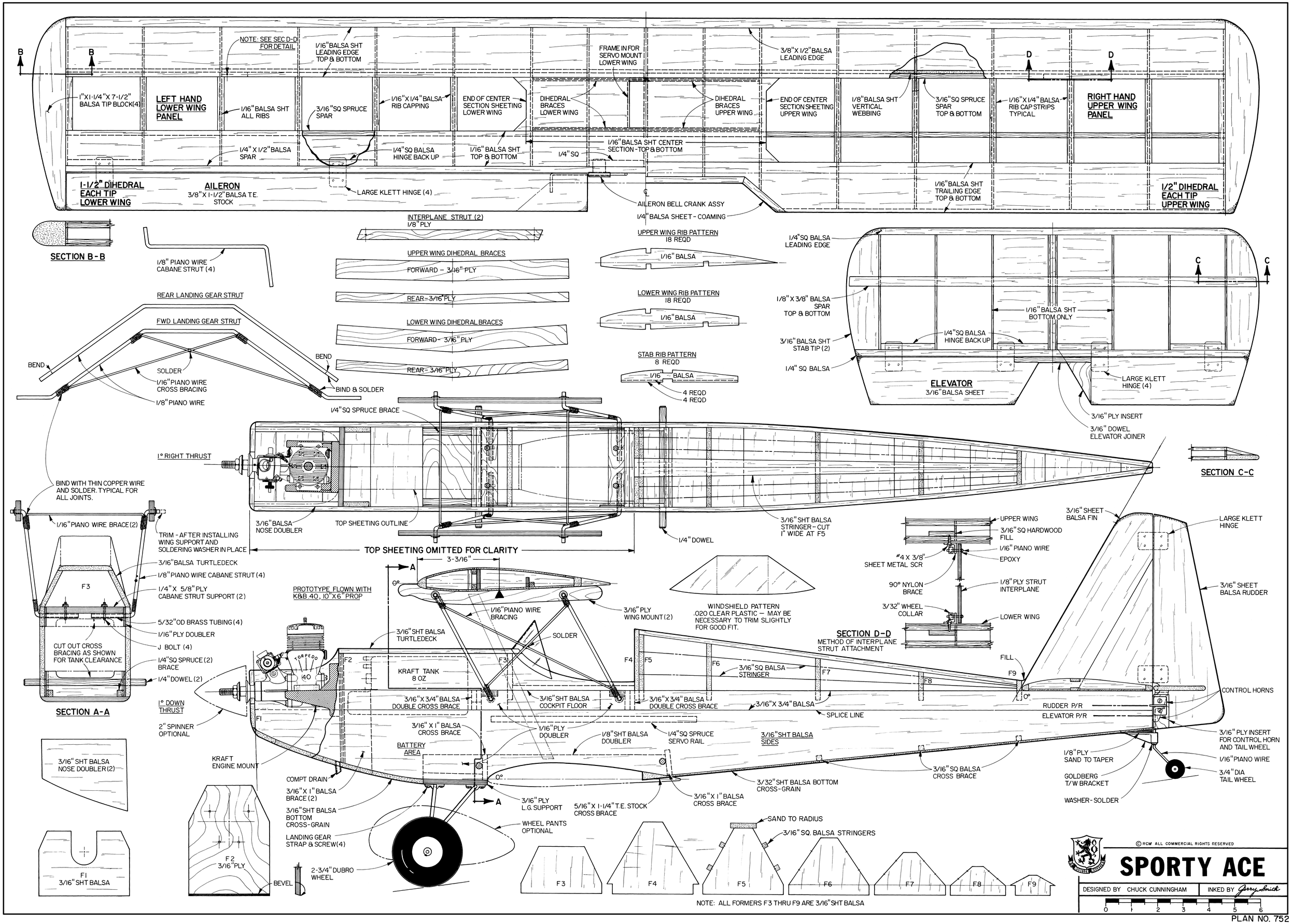
B
B
NOTE: SEE SEC D-D FOR DETAIL
1/16"BALSA SHT LEADING EDGE TOP & BOTTOM
FRAME IN FOR SERVO MOUNT LOWER WING
3/8"X 1/2"BALSA LEADING EDGE
D
D
1"X1-1/4"X 7-1/2" BALSA TIP BLOCK(4)
LEFT HAND LOWER WING PANEL
1/16"BALSA SHT ALL RIBS
3/16"SQ SPRUCE SPAR
1/16"X 1/4"BALSA RIB CAPPING
END OF CENTER SECTION SHEETING LOWER WING
DIHEDRAL BRACES LOWER WING
DIHEDRAL BRACES UPPER WING
END OF CENTER SECTION SHEETING UPPER WING
1/8"BALSA SHT VERTICAL WEBBING
3/16"SQ SPRUCE SPAR TOP & BOTTOM
1/16"X 1/4"BALSA RIB CAP STRIPS TYPICAL
RIGHT HAND UPPER WING PANEL
1/4" X 1/2"BALSA SPAR
1/4"SQ BALSA HINGE BACK UP
1/16" BALSA SHT TOP & BOTTOM
1/4" SQ
1/16"BALSA SHT CENTER SECTION-TOP & BOTTOM
1-1/2" DIHEDRAL EACH TIP LOWER WING
AILERON
3/8"X 1-1/2"BALSA T.E. STOCK
LARGE KLETT HINGE (4)
AILERON BELL CRANK ASSY
1/4"BALSA SHEET-COAMING
1/16"BALSA SHT TRAILING EDGE TOP & BOTTOM
1/2" DIHEDRAL EACH TIP UPPER WING
SECTION B-B
1/8" PIANO WIRE CABANE STRUT (4)
INTERPLANE STRUT (2) 1/8" PLY
UPPER WING DIHEDRAL BRACES
FORWARD - 3/16" PLY
REAR-3/16" PLY
LOWER WING DIHEDRAL BRACES
FORWARD- 3/16" PLY
REAR- 3/16" PLY
UPPER WING RIB PATTERN 18 REQD
1/16" BALSA
LOWER WING RIB PATTERN 18 REQD
1/16" BALSA
STAB RIB PATTERN 8 REQD
1/16" BALSA
4 REQD
4 REQD
1/4"SQ BALSA LEADING EDGE
C
C
1/8"X 3/8" BALSA SPAR TOP & BOTTOM
1/16" BALSA SHT BOTTOM ONLY
1/4"SQ BALSA HINGE BACK UP
3/16" BALSA SHT STAB TIP (2)
1/4" SQ BALSA
ELEVATOR
3/16" BALSA SHEET
LARGE KLETT HINGE (4)
3/16" PLY INSERT
3/16" DOWEL ELEVATOR JOINER
REAR LANDING GEAR STRUT
FWD LANDING GEAR STRUT
BEND
BEND
SOLDER
1/16"PIANO WIRE CROSS BRACING
1/8"PIANO WIRE
BIND & SOLDER
1/4"SQ SPRUCE BRACE
1° RIGHT THRUST
SECTION C-C
BIND WITH THIN COPPER WIRE AND SOLDER. TYPICAL FOR ALL JOINTS.
1/16"PIANO WIRE BRACE (2)
TRIM - AFTER INSTALLING WING SUPPORT AND SOLDERING WASHER IN PLACE
3/16"BALSA NOSE DOUBLER
TOP SHEETING OUTLINE
3/16"SHT BALSA STRINGER-CUT 1" WIDE AT F5
1/4" DOWEL
TOP SHEETING OMITTED FOR CLARITY
3/16"BALSA TURTLEDECK
1/8"PIANO WIRE CABANE STRUT (4)
1/4"X 5/8"PLY CABANE STRUT SUPPORT (2)
5/32"OD BRASS TUBING (4)
1/16"PLY DOUBLER
J BOLT (4)
CUT OUT CROSS BRACING AS SHOWN FOR TANK CLEARANCE
1/4"SQ SPRUCE (2) BRACE
1/4"DOWEL (2)
F3
SECTION A-A
3-3/16"
A
0°
PROTOTYPE FLOWN WITH K&B 40, 10"X6" PROP
1/16"PIANO WIRE BRACING
3/16" PLY WING MOUNT (2)
WINDSHIELD PATTERN .020 CLEAR PLASTIC — MAY BE NECESSARY TO TRIM SLIGHTLY FOR GOOD FIT.
UPPER WING
3/16"SQ HARDWOOD FILL
1/16" PIANO WIRE
EPOXY
#4 X 3/8" SHEET METAL SCR
90° NYLON BRACE
1/8" PLY STRUT INTERPLANE
3/32" WHEEL COLLAR
LOWER WING
SECTION D-D
METHOD OF INTERPLANE STRUT ATTACHMENT
3/16" SHEET BALSA FIN
LARGE KLETT HINGE
3/16" SHEET BALSA RUDDER
3/16"SHT BALSA TURTLEDECK
SOLDER
TORPEDO
40
KRAFT TANK 8 OZ
F1
F2
F3
F4
F5
F6
F7
F8
F9
3/16"SQ BALSA STRINGER
FILL
0°
CONTROL HORNS
3/16"X 3/4"BALSA DOUBLE CROSS BRACE
3/16"SHT BALSA COCKPIT FLOOR
3/16"X 3/4"BALSA DOUBLE CROSS BRACE
3/16"X 3/4"BALSA
SPLICE LINE
RUDDER P/R
ELEVATOR P/R
1° DOWN THRUST
2" SPINNER OPTIONAL
3/16"X 1"BALSA CROSS BRACE
1/16"PLY DOUBLER
1/8"SHT BALSA DOUBLER
1/4"SQ SPRUCE SERVO RAIL
3/16"SHT BALSA SIDES
BATTERY AREA
3/16" PLY INSERT FOR CONTROL HORN AND TAIL WHEEL
1/8"PLY SAND TO TAPER
1/16"PIANO WIRE
3/4" DIA TAIL WHEEL
GOLDBERG T/W BRACKET
WASHER-SOLDER
3/16"SQ BALSA CROSS BRACE
3/32"SHT BALSA BOTTOM CROSS-GRAIN
3/16"X 1"BALSA CROSS BRACE
5/16"X 1-1/4"T.E. STOCK CROSS BRACE
3/16" PLY L.G. SUPPORT
KRAFT ENGINE MOUNT
COMPT DRAIN
3/16"X 1"BALSA BRACE (2)
3/16"SHT BALSA BOTTOM CROSS-GRAIN
LANDING GEAR STRAP & SCREW (4)
WHEEL PANTS OPTIONAL
2-3/4" DUBRO WHEEL
3/16" SHT BALSA NOSE DOUBLER (2)
F1 3/16" SHT BALSA
F2 3/16" PLY
BEVEL
SAND TO RADIUS
3/16" SQ. BALSA STRINGERS
F3
F4
F5
F6
F7
F8
F9
NOTE: ALL FORMERS F3 THRU F9 ARE 3/16" SHT BALSA
© RCM ALL COMMERCIAL RIGHTS RESERVED
SPORTY ACE
DESIGNED BY CHUCK CUNNINGHAM
INKED BY Gerry Smith
0 1 2 3 4 5 6
PLAN NO. 752