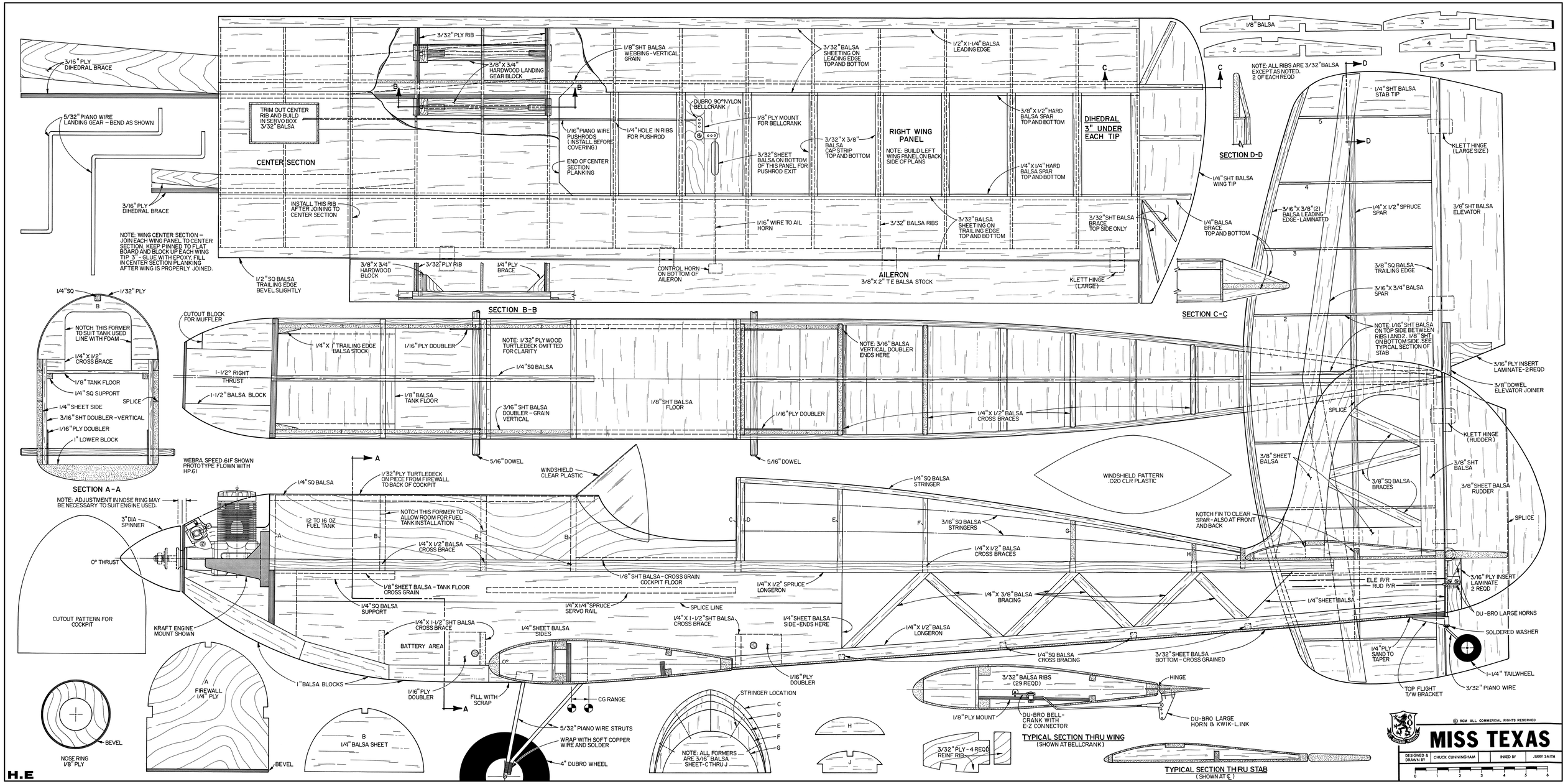
3/16" PLY DIHEDRAL BRACE
5/32" PIANO WIRE LANDING GEAR - BEND AS SHOWN
3/32" PLY RIB
3/8" X 3/4" HARDWOOD LANDING GEAR BLOCK
1/8" SHT BALSA WEBBING - VERTICAL GRAIN
3/32" BALSA SHEETING ON LEADING EDGE TOP AND BOTTOM
1/2" X 1-1/4" BALSA LEADING EDGE
TRIM OUT CENTER RIB AND BUILD IN SERVO BOX 3/32" BALSA
CENTER SECTION
1/16" PIANO WIRE PUSHRODS (INSTALL BEFORE COVERING)
1/4" HOLE IN RIBS FOR PUSHROD
DUBRO 90° NYLON BELLCRANK
1/8" PLY MOUNT FOR BELLCRANK
3/32" SHEET BALSA ON BOTTOM OF THIS PANEL FOR PUSHROD EXIT
3/32" X 3/8" BALSA CAP STRIP TOP AND BOTTOM
RIGHT WING PANEL
NOTE: BUILD LEFT WING PANEL ON BACK SIDE OF PLANS
3/8" X 1/2" HARD BALSA SPAR TOP AND BOTTOM
1/4" X 1/4" HARD BALSA SPAR TOP AND BOTTOM
DIHEDRAL 3" UNDER EACH TIP
END OF CENTER SECTION PLANKING
3/16" PLY DIHEDRAL BRACE
INSTALL THIS RIB AFTER JOINING TO CENTER SECTION
1/16" WIRE TO AIL HORN
3/32" BALSA RIBS
3/32" BALSA SHEETING ON TRAILING EDGE TOP AND BOTTOM
3/32" SHT BALSA BRACE TOP SIDE ONLY
NOTE: WING CENTER SECTION - JOIN EACH WING PANEL TO CENTER SECTION. KEEP PINNED TO FLAT BOARD AND BLOCK UP EACH WING TIP 3" - GLUE WITH EPOXY. FILL IN CENTER SECTION PLANKING AFTER WING IS PROPERLY JOINED.
1/2" SQ BALSA TRAILING EDGE BEVEL SLIGHTLY
3/8" X 3/4" HARDWOOD BLOCK
3/32" PLY RIB
1/4" PLY BRACE
CONTROL HORN ON BOTTOM OF AILERON
AILERON
3/8" X 2" T E BALSA STOCK
KLETT HINGE (LARGE)
SECTION B-B
1/8" BALSA
NOTE: ALL RIBS ARE 3/32" BALSA EXCEPT AS NOTED. 2 OF EACH REQD
SECTION D-D
1/4" SHT BALSA WING TIP
1/4" SHT BALSA STAB TIP
KLETT HINGE (LARGE SIZE)
3/16" X 3/8" (2) BALSA LEADING EDGE - LAMINATED
1/4" X 1/2" SPRUCE SPAR
3/8" SHT BALSA ELEVATOR
1/4" BALSA BRACE TOP AND BOTTOM
3/8" SQ BALSA TRAILING EDGE
3/16" X 3/4" BALSA SPAR
SECTION C-C
NOTE: 1/16" SHT BALSA ON TOP SIDE BETWEEN RIBS 1 AND 2. 1/8" SHT ON BOTTOM SIDE. SEE TYPICAL SECTION OF STAB
3/16" PLY INSERT LAMINATE - 2 REQD
3/8" DOWEL ELEVATOR JOINER
1/4" SQ
1/32" PLY
NOTCH THIS FORMER TO SUIT TANK USED LINE WITH FOAM
1/4" X 1/2" CROSS BRACE
1/8" TANK FLOOR
1/4" SQ SUPPORT
SPLICE
1/4" SHEET SIDE
3/16" SHT DOUBLER - VERTICAL
1/16" PLY DOUBLER
1" LOWER BLOCK
SECTION A-A
CUTOUT BLOCK FOR MUFFLER
1/4" X 1" TRAILING EDGE BALSA STOCK
1/16" PLY DOUBLER
NOTE: 1/32" PLYWOOD TURTLEDECK OMITTED FOR CLARITY
1/4" SQ BALSA
NOTE: 3/16" BALSA VERTICAL DOUBLER ENDS HERE
1-1/2° RIGHT THRUST
1-1/2" BALSA BLOCK
1/8" BALSA TANK FLOOR
3/16" SHT BALSA DOUBLER - GRAIN VERTICAL
1/8" SHT BALSA FLOOR
1/16" PLY DOUBLER
1/4" X 1/2" BALSA CROSS BRACES
5/16" DOWEL
5/16" DOWEL
SPLICE
KLETT HINGE (RUDDER)
3/8" SHEET BALSA
3/8" SHT BALSA
3/8" SQ BALSA BRACES
3/8" SHEET BALSA RUDDER
SPLICE
WEBRA SPEED 61F SHOWN PROTOTYPE FLOWN WITH HP.61
NOTE: ADJUSTMENT IN NOSE RING MAY BE NECESSARY TO SUIT ENGINE USED.
3" DIA SPINNER
0° THRUST
CUTOUT PATTERN FOR COCKPIT
KRAFT ENGINE MOUNT SHOWN
1/4" SQ BALSA
1/32" PLY TURTLEDECK ON PIECE FROM FIREWALL TO BACK OF COCKPIT
WINDSHIELD CLEAR PLASTIC
12 TO 16 OZ FUEL TANK
NOTCH THIS FORMER TO ALLOW ROOM FOR FUEL TANK INSTALLATION
1/4" X 1/2" BALSA CROSS BRACE
1/8" SHEET BALSA - TANK FLOOR CROSS GRAIN
1/4" SQ BALSA SUPPORT
1/8" SHT BALSA - CROSS GRAIN COCKPIT FLOOR
1/4" X 1/4" SPRUCE SERVO RAIL
SPLICE LINE
1/4" X 1/2" SPRUCE LONGERON
1/4" SQ BALSA STRINGER
3/16" SQ BALSA STRINGERS
1/4" X 1/2" BALSA CROSS BRACES
WINDSHIELD PATTERN .020 CLR PLASTIC
NOTCH FIN TO CLEAR SPAR - ALSO AT FRONT AND BACK
1/4" X 3/8" BALSA BRACING
ELE P/R
RUD P/R
1/4" SHEET BALSA
3/16" PLY INSERT LAMINATE 2 REQD
DU-BRO LARGE HORNS
SOLDERED WASHER
1/4" X 1-1/2" SHT BALSA CROSS BRACE
BATTERY AREA
1/4" SHEET BALSA SIDES
1/4" X 1-1/2" SHT BALSA CROSS BRACE
1/4" SHEET BALSA SIDE - ENDS HERE
1/4" X 1/2" BALSA LONGERON
1/4" SQ BALSA CROSS BRACING
3/32" SHEET BALSA BOTTOM - CROSS GRAINED
1/4" PLY SAND TO TAPER
1-1/4" TAILWHEEL
3/32" PIANO WIRE
TOP FLIGHT T/W BRACKET
1" BALSA BLOCKS
1/16" PLY DOUBLER
FILL WITH SCRAP
1/16" PLY DOUBLER
CG RANGE
5/32" PIANO WIRE STRUTS
WRAP WITH SOFT COPPER WIRE AND SOLDER
4" DUBRO WHEEL
STRINGER LOCATION
NOTE: ALL FORMERS ARE 3/16" BALSA SHEET - C THRU J
3/32" BALSA RIBS (29 REQD)
HINGE
1/8" PLY MOUNT
DU-BRO BELL-CRANK WITH E-Z CONNECTOR
DU-BRO LARGE HORN & KWIK-L LINK
TYPICAL SECTION THRU WING
(SHOWN AT BELLCRANK)
3/32" PLY - 4 REQD REINF RIB
TYPICAL SECTION THRU STAB
(SHOWN AT ℄)
NOSE RING 1/8" PLY
BEVEL
FIREWALL 1/4" PLY
B 1/4" BALSA SHEET
BEVEL
H.E
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INKED BY JERRY SMITH
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