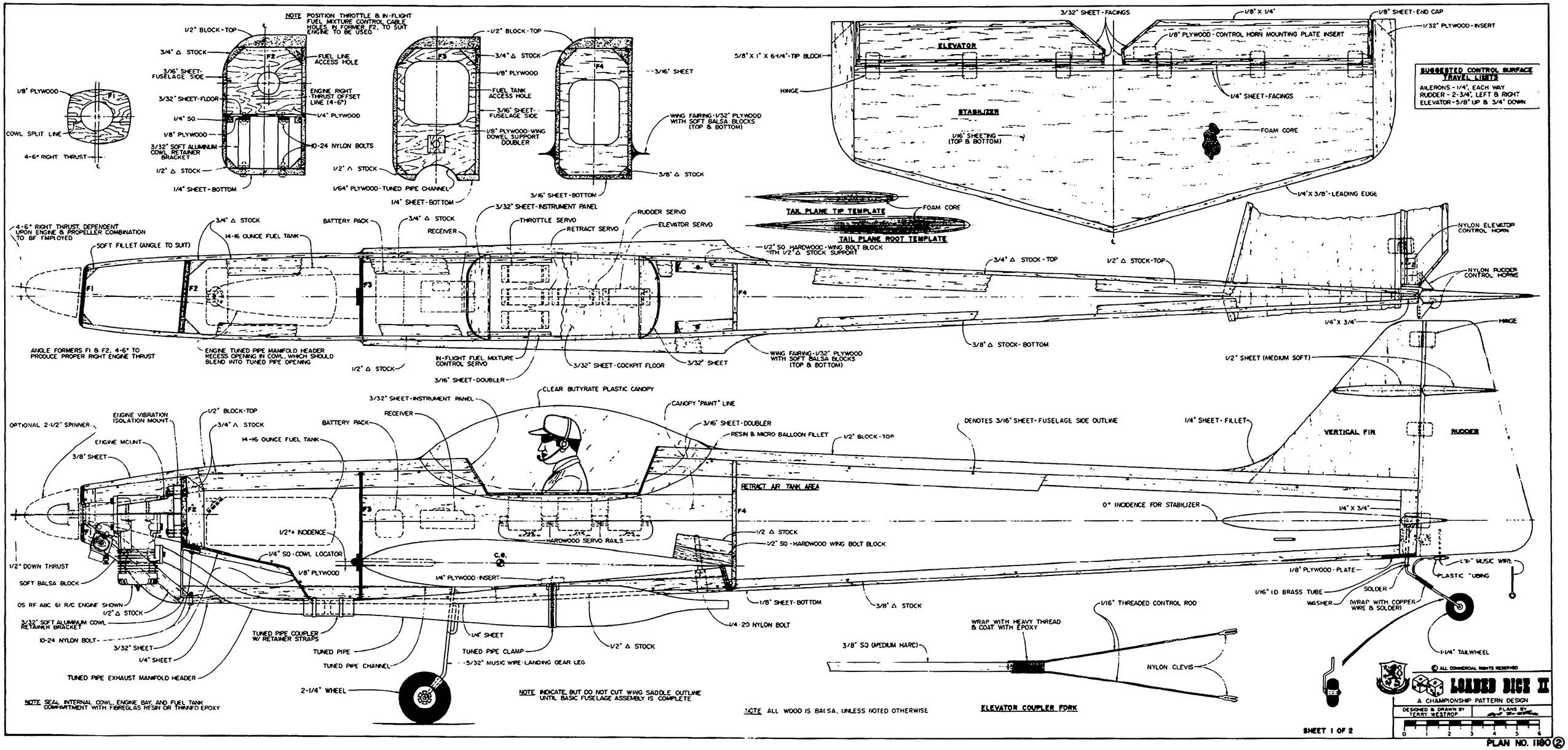
NOTE POSITION THROTTLE & IN-FLIGHT FUEL MIXTURE CONTROL CABLE HOLES IN FORMER F2, TO SUIT ENGINE TO BE USED
1/2" BLOCK-TOP
3/4" Δ STOCK
3/16" SHEET-FUSELAGE SIDE
3/32" SHEET-FLOOR
1/4" SQ.
1/8" PLYWOOD
3/32" SOFT ALUMINUM COWL RETAINER BRACKET
1/2" Δ STOCK
1/4" SHEET-BOTTOM
FUEL LINE ACCESS HOLE
ENGINE RIGHT THRUST OFFSET LINE (4-6°)
1/4" PLYWOOD
10-24 NYLON BOLTS
1/8" PLYWOOD
COWL SPLIT LINE
4-6° RIGHT THRUST
1/2" BLOCK-TOP
3/4" Δ STOCK
1/8" PLYWOOD
FUEL TANK ACCESS HOLE
3/16" SHEET-FUSELAGE SIDE
1/8" PLYWOOD-WING DOWEL SUPPORT DOUBLER
1/2" Δ STOCK
1/64" PLYWOOD-TUNED PIPE CHANNEL
1/4" SHEET-BOTTOM
3/16" SHEET
WING FAIRING-1/32" PLYWOOD WITH SOFT BALSA BLOCKS (TOP & BOTTOM)
3/8" Δ STOCK
3/16" SHEET-BOTTOM
3/32" SHEET-FACINGS
1/8" X 1/4"
1/8" SHEET-END CAP
1/32" PLYWOOD-INSERT
1/8" PLYWOOD-CONTROL HORN MOUNTING PLATE INSERT
5/8" X 1" X 6-1/4"-TIP BLOCK
ELEVATOR
HINGE
STABILIZER
1/16" SHEETING (TOP & BOTTOM)
1/4" SHEET-FACINGS
FOAM CORE
1/4" X 3/8"-LEADING EDGE
SUGGESTED CONTROL SURFACE TRAVEL LIMITS
AILERONS - 1/4", EACH WAY
RUDDER - 2-3/4", LEFT & RIGHT
ELEVATOR - 5/8" UP & 3/4" DOWN
TAIL PLANE TIP TEMPLATE
FOAM CORE
TAIL PLANE ROOT TEMPLATE
4-6° RIGHT THRUST, DEPENDENT UPON ENGINE & PROPELLER COMBINATION TO BE EMPLOYED
SOFT FILLET (ANGLE TO SUIT)
3/4" Δ STOCK
14-16 OUNCE FUEL TANK
BATTERY PACK
3/4" Δ STOCK
RECEIVER
3/32" SHEET-INSTRUMENT PANEL
THROTTLE SERVO
RETRACT SERVO
RUDDER SERVO
ELEVATOR SERVO
1/2" SQ HARDWOOD-WING BOLT BLOCK WITH 1/2" Δ STOCK SUPPORT
3/4" Δ STOCK-TOP
1/2" Δ STOCK-TOP
NYLON ELEVATOR CONTROL HORN
NYLON RUDDER CONTROL HORNS
F1
F2
F3
F4
1/4" X 3/4"
HINGE
3/8" Δ STOCK-BOTTOM
ANGLE FORMERS F1 & F2, 4-6° TO PRODUCE PROPER RIGHT ENGINE THRUST
ENGINE TUNED PIPE MANIFOLD HEADER RECESS OPENING IN COWL, WHICH SHOULD BLEND INTO TUNED PIPE OPENING
1/2" Δ STOCK
IN-FLIGHT FUEL MIXTURE CONTROL SERVO
3/32" SHEET-COCKPIT FLOOR
3/32" SHEET
WING FAIRING-1/32" PLYWOOD WITH SOFT BALSA BLOCKS (TOP & BOTTOM)
3/16" SHEET-DOUBLER
1/2" SHEET (MEDIUM SOFT)
CLEAR BUTYRATE PLASTIC CANOPY
3/32" SHEET-INSTRUMENT PANEL
CANOPY "PAINT" LINE
3/16" SHEET-DOUBLER
RESIN & MICRO BALLOON FILLET
1/2" BLOCK-TOP
DENOTES 3/16" SHEET-FUSELAGE SIDE OUTLINE
1/4" SHEET-FILLET
VERTICAL FIN
RUDDER
OPTIONAL 2-1/2" SPINNER
ENGINE VIBRATION ISOLATION MOUNT
1/2" BLOCK-TOP
3/4" Δ STOCK
BATTERY PACK
RECEIVER
ENGINE MOUNT
3/8" SHEET
14-16 OUNCE FUEL TANK
RETRACT AIR TANK AREA
0° INCIDENCE FOR STABILIZER
1/4" X 3/4"
1/2°+ INCIDENCE
HARDWOOD SERVO RAILS
1/2" Δ STOCK
1/2" SQ-HARDWOOD WING BOLT BLOCK
1/4" SQ-COWL LOCATOR
C.G.
1/2" DOWN THRUST
1/8" PLYWOOD
SOFT BALSA BLOCK
1/4" PLYWOOD-INSERT
1/8" PLYWOOD-PLATE
1/8" MUSIC WIRE
PLASTIC TUBING
1/16" ID BRASS TUBE
SOLDER
WASHER
(WRAP WITH COPPER WIRE & SOLDER)
OS RF ABC 61 R/C ENGINE SHOWN
1/2" Δ STOCK
3/32" SOFT ALUMINUM COWL RETAINER BRACKET
10-24 NYLON BOLT
3/32" SHEET
1/4" SHEET
TUNED PIPE EXHAUST MANIFOLD HEADER
TUNED PIPE COUPLER W/ RETAINER STRAPS
TUNED PIPE
TUNED PIPE CHANNEL
TUNED PIPE CLAMP
5/32" MUSIC WIRE-LANDING GEAR LEG
1/4" SHEET
1/2" Δ STOCK
1/8" SHEET-BOTTOM
3/8" Δ STOCK
1/4-20 NYLON BOLT
1/16" THREADED CONTROL ROD
WRAP WITH HEAVY THREAD & COAT WITH EPOXY
3/8" SQ (MEDIUM HARD)
NYLON CLEVIS
1-1/4" TAILWHEEL
2-1/4" WHEEL
NOTE SEAL INTERNAL COWL, ENGINE BAY, AND FUEL TANK COMPARTMENT WITH FIBREGLAS RESIN OR THINNED EPOXY
NOTE INDICATE, BUT DO NOT CUT WING SADDLE OUTLINE UNTIL BASIC FUSELAGE ASSEMBLY IS COMPLETE
NOTE ALL WOOD IS BALSA, UNLESS NOTED OTHERWISE
ELEVATOR COUPLER FORK
SHEET 1 OF 2
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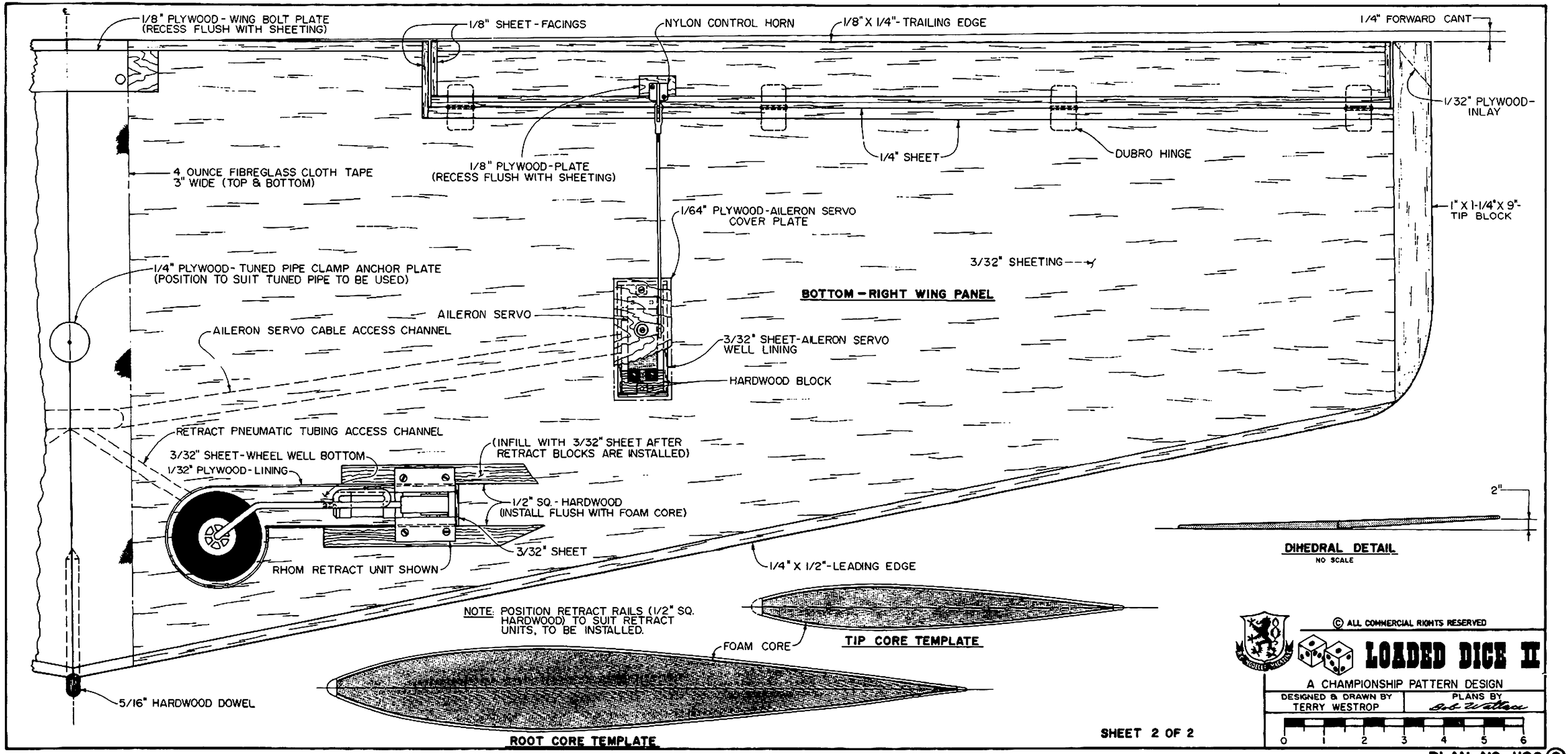
LOADED DICE II
A CHAMPIONSHIP PATTERN DESIGN
DESIGNED & DRAWN BY TERRY WESTROP
PLANS BY
0 1 2 3 4 5 6
PLAN NO. 1180 ②


1/8" PLYWOOD - WING BOLT PLATE (RECESS FLUSH WITH SHEETING)
1/8" SHEET - FACINGS
NYLON CONTROL HORN
1/8" X 1/4" - TRAILING EDGE
1/4" FORWARD CANT
1/32" PLYWOOD - INLAY
1/4" SHEET
DUBRO HINGE
4 OUNCE FIBREGLASS CLOTH TAPE 3" WIDE (TOP & BOTTOM)
1/8" PLYWOOD - PLATE (RECESS FLUSH WITH SHEETING)
1/64" PLYWOOD - AILERON SERVO COVER PLATE
1" X 1-1/4" X 9" - TIP BLOCK
1/4" PLYWOOD - TUNED PIPE CLAMP ANCHOR PLATE (POSITION TO SUIT TUNED PIPE TO BE USED)
3/32" SHEETING
BOTTOM - RIGHT WING PANEL
AILERON SERVO
AILERON SERVO CABLE ACCESS CHANNEL
3/32" SHEET - AILERON SERVO WELL LINING
HARDWOOD BLOCK
RETRACT PNEUMATIC TUBING ACCESS CHANNEL
(INFILL WITH 3/32" SHEET AFTER RETRACT BLOCKS ARE INSTALLED)
3/32" SHEET - WHEEL WELL BOTTOM
1/32" PLYWOOD - LINING
1/2" SQ. - HARDWOOD (INSTALL FLUSH WITH FOAM CORE)
3/32" SHEET
RHOM RETRACT UNIT SHOWN
1/4" X 1/2" - LEADING EDGE
2"
DIHEDRAL DETAIL
NO SCALE
NOTE: POSITION RETRACT RAILS (1/2" SQ. HARDWOOD) TO SUIT RETRACT UNITS, TO BE INSTALLED.
FOAM CORE
TIP CORE TEMPLATE
5/16" HARDWOOD DOWEL
ROOT CORE TEMPLATE
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LOADED DICE II
A CHAMPIONSHIP PATTERN DESIGN
DESIGNED & DRAWN BY TERRY WESTROP
PLANS BY Bob Wallace
0 1 2 3 4 5 6
SHEET 2 OF 2
PLAN NO. 1180 2