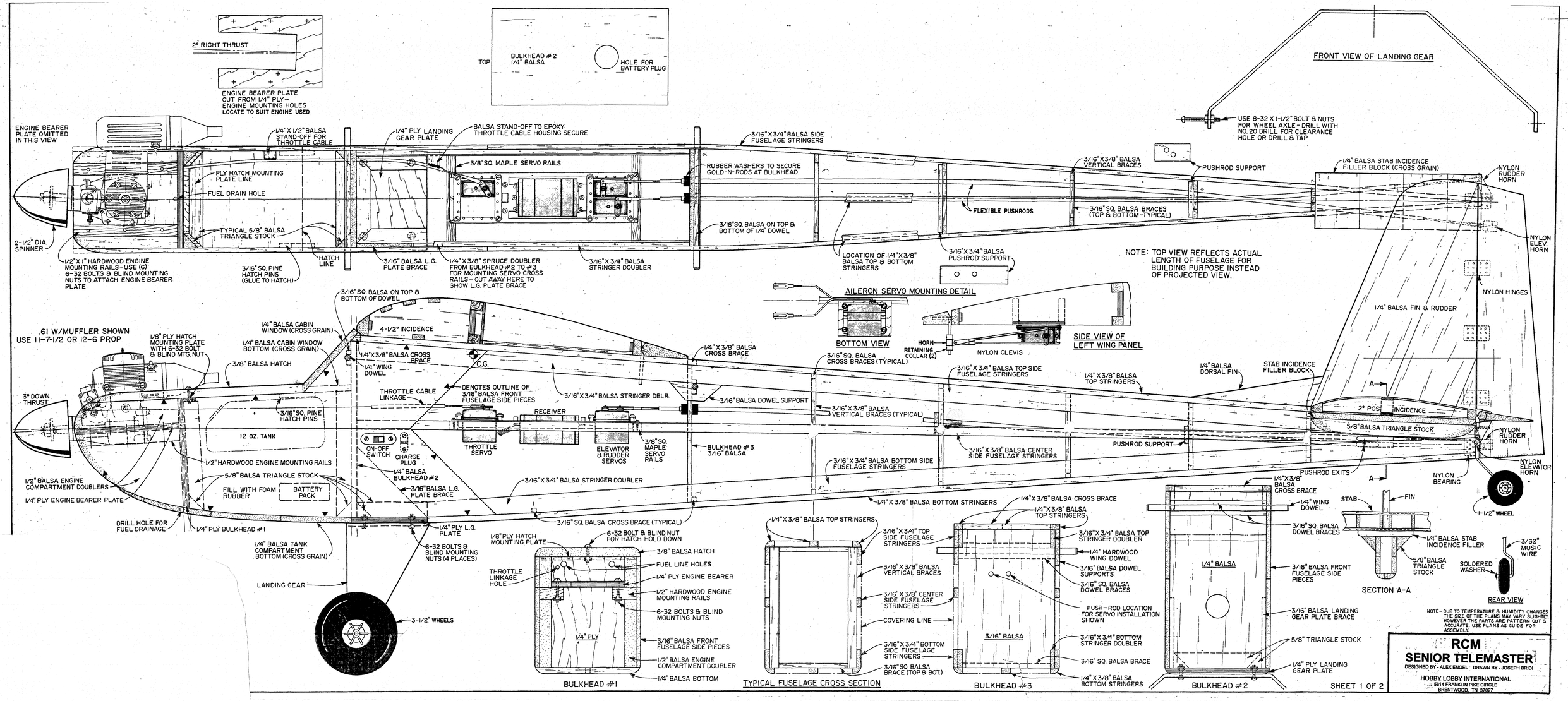
2° RIGHT THRUST
ENGINE BEARER PLATE CUT FROM 1/4" PLY– ENGINE MOUNTING HOLES LOCATE TO SUIT ENGINE USED
TOP
BULKHEAD #2 1/4" BALSA
HOLE FOR BATTERY PLUG
FRONT VIEW OF LANDING GEAR
USE 8-32 X 1-1/2" BOLT & NUTS FOR WHEEL AXLE - DRILL WITH NO. 20 DRILL FOR CLEARANCE HOLE OR DRILL & TAP
ENGINE BEARER PLATE OMITTED IN THIS VIEW
1/4" X 1/2" BALSA STAND-OFF FOR THROTTLE CABLE
1/4" PLY LANDING GEAR PLATE
BALSA STAND-OFF TO EPOXY THROTTLE CABLE HOUSING SECURE
3/16" X 3/4" BALSA SIDE FUSELAGE STRINGERS
3/16" X 3/8" BALSA VERTICAL BRACES
PUSHROD SUPPORT
1/4" BALSA STAB INCIDENCE FILLER BLOCK (CROSS GRAIN)
NYLON RUDDER HORN
PLY HATCH MOUNTING PLATE LINE
FUEL DRAIN HOLE
3/8" SQ. MAPLE SERVO RAILS
RUBBER WASHERS TO SECURE GOLD-N-RODS AT BULKHEAD
FLEXIBLE PUSHRODS
3/16" SQ. BALSA BRACES (TOP & BOTTOM-TYPICAL)
TYPICAL 5/8" BALSA TRIANGLE STOCK
3/16" SQ. BALSA ON TOP & BOTTOM OF 1/4" DOWEL
NYLON ELEV. HORN
2-1/2" DIA. SPINNER
1/2" X 1" HARDWOOD ENGINE MOUNTING RAILS - USE (6) 6-32 BOLTS & BLIND MOUNTING NUTS TO ATTACH ENGINE BEARER PLATE
3/16" SQ. PINE HATCH PINS (GLUE TO HATCH)
HATCH LINE
3/16" BALSA L.G. PLATE BRACE
1/4" X 3/8" SPRUCE DOUBLER FROM BULKHEAD #2 TO #3 FOR MOUNTING SERVO CROSS RAILS - CUT AWAY HERE TO SHOW L.G. PLATE BRACE
3/16" X 3/4" BALSA STRINGER DOUBLER
LOCATION OF 1/4" X 3/8" BALSA TOP & BOTTOM STRINGERS
3/16" X 3/4" BALSA PUSHROD SUPPORT
NOTE: TOP VIEW REFLECTS ACTUAL LENGTH OF FUSELAGE FOR BUILDING PURPOSE INSTEAD OF PROJECTED VIEW.
AILERON SERVO MOUNTING DETAIL
BOTTOM VIEW
HORN
RETAINING COLLAR (2)
NYLON CLEVIS
SIDE VIEW OF LEFT WING PANEL
NYLON HINGES
1/4" BALSA FIN & RUDDER
.61 W/MUFFLER SHOWN USE 11-7-1/2 OR 12-6 PROP
3/16" SQ. BALSA ON TOP & BOTTOM OF DOWEL
1/4" BALSA CABIN WINDOW (CROSS GRAIN)
4-1/2° INCIDENCE
1/8" PLY HATCH MOUNTING PLATE WITH 6-32 BOLT & BLIND MTG. NUT
1/4" BALSA CABIN WINDOW BOTTOM (CROSS GRAIN)
1/4" X 3/8" BALSA CROSS BRACE
1/4" WING DOWEL
3/8" BALSA HATCH
C.G.
1/4" X 3/8" BALSA CROSS BRACE
3/16" SQ. BALSA CROSS BRACES (TYPICAL)
3/16" X 3/4" BALSA TOP SIDE FUSELAGE STRINGERS
1/4" X 3/8" BALSA TOP STRINGERS
1/4" BALSA DORSAL FIN
STAB INCIDENCE FILLER BLOCK
3° DOWN THRUST
THROTTLE CABLE LINKAGE
DENOTES OUTLINE OF 3/16" BALSA FRONT FUSELAGE SIDE PIECES
3/16" X 3/4" BALSA STRINGER DBLR.
3/16" BALSA DOWEL SUPPORT
3/16" X 3/8" BALSA VERTICAL BRACES (TYPICAL)
A
2° POS. INCIDENCE
3/16" SQ. PINE HATCH PINS
RECEIVER
12 OZ. TANK
THROTTLE SERVO
ELEVATOR & RUDDER SERVOS
3/8" SQ. MAPLE SERVO RAILS
BULKHEAD #3 3/16" BALSA
5/8" BALSA TRIANGLE STOCK
NYLON RUDDER HORN
ON-OFF SWITCH
CHARGE PLUG
3/16" X 3/8" BALSA CENTER SIDE FUSELAGE STRINGERS
PUSHROD SUPPORT
1/2" HARDWOOD ENGINE MOUNTING RAILS
1/4" BALSA BULKHEAD #2
3/16" X 3/4" BALSA BOTTOM SIDE FUSELAGE STRINGERS
NYLON ELEVATOR HORN
1/2" BALSA ENGINE COMPARTMENT DOUBLERS
5/8" BALSA TRIANGLE STOCK
FILL WITH FOAM RUBBER
BATTERY PACK
3/16" BALSA L.G. PLATE BRACE
3/16" X 3/4" BALSA STRINGER DOUBLER
PUSHROD EXITS
A
NYLON BEARING
1/4" PLY ENGINE BEARER PLATE
1/4" X 3/8" BALSA BOTTOM STRINGERS
1/4" X 3/8" BALSA CROSS BRACE
1/4" X 3/8" BALSA TOP STRINGERS
1/4" X 3/8" BALSA CROSS BRACE
1/4" WING DOWEL
STAB
FIN
1-1/2" WHEEL
DRILL HOLE FOR FUEL DRAINAGE
1/4" PLY BULKHEAD #1
1/4" PLY L.G. PLATE
3/16" SQ. BALSA CROSS BRACE (TYPICAL)
1/4" BALSA TANK COMPARTMENT BOTTOM (CROSS GRAIN)
6-32 BOLTS & BLIND MOUNTING NUTS (4 PLACES)
1/8" PLY HATCH MOUNTING PLATE
6-32 BOLT & BLIND NUT FOR HATCH HOLD DOWN
3/8" BALSA HATCH
FUEL LINE HOLES
THROTTLE LINKAGE HOLE
1/4" PLY ENGINE BEARER
1/2" HARDWOOD ENGINE MOUNTING RAILS
6-32 BOLTS & BLIND MOUNTING NUTS
LANDING GEAR
3-1/2" WHEELS
1/4" PLY
3/16" BALSA FRONT FUSELAGE SIDE PIECES
1/2" BALSA ENGINE COMPARTMENT DOUBLER
1/4" BALSA BOTTOM
BULKHEAD #1
1/4" X 3/8" BALSA TOP STRINGERS
3/16" X 3/4" TOP SIDE FUSELAGE STRINGERS
3/16" X 3/8" BALSA VERTICAL BRACES
3/16" X 3/8" CENTER SIDE FUSELAGE STRINGERS
COVERING LINE
3/16" X 3/4" BOTTOM SIDE FUSELAGE STRINGERS
3/16" SQ. BALSA BRACE (TOP & BOT.)
TYPICAL FUSELAGE CROSS SECTION
3/16" X 3/4" BALSA TOP STRINGER DOUBLER
1/4" HARDWOOD WING DOWEL
3/16" BALSA DOWEL SUPPORTS
3/16" SQ. BALSA DOWEL BRACES
PUSH-ROD LOCATION FOR SERVO INSTALLATION SHOWN
3/16" BALSA
3/16" X 3/4" BOTTOM STRINGER DOUBLER
3/16" SQ. BALSA BRACE
1/4" X 3/8" BALSA BOTTOM STRINGERS
BULKHEAD #3
1/4" BALSA
3/16" BALSA DOWEL BRACES
3/16" BALSA FRONT FUSELAGE SIDE PIECES
3/16" BALSA LANDING GEAR PLATE BRACE
5/8" TRIANGLE STOCK
1/4" PLY LANDING GEAR PLATE
BULKHEAD #2
1/4" BALSA STAB INCIDENCE FILLER
5/8" BALSA TRIANGLE STOCK
SECTION A-A
3/32" MUSIC WIRE
SOLDERED WASHER
REAR VIEW
NOTE- DUE TO TEMPERATURE & HUMIDITY CHANGES THE SIZE OF THE PLANS MAY VARY SLIGHTLY. HOWEVER THE PARTS ARE PATTERN CUT & ACCURATE. USE PLANS AS GUIDE FOR ASSEMBLY.
RCM
SENIOR TELEMASTER
DESIGNED BY - ALEX ENGEL DRAWN BY - JOSEPH BRIDI
HOBBY LOBBY INTERNATIONAL
5614 FRANKLIN PIKE CIRCLE
BRENTWOOD, TN 37027
SHEET 1 OF 2