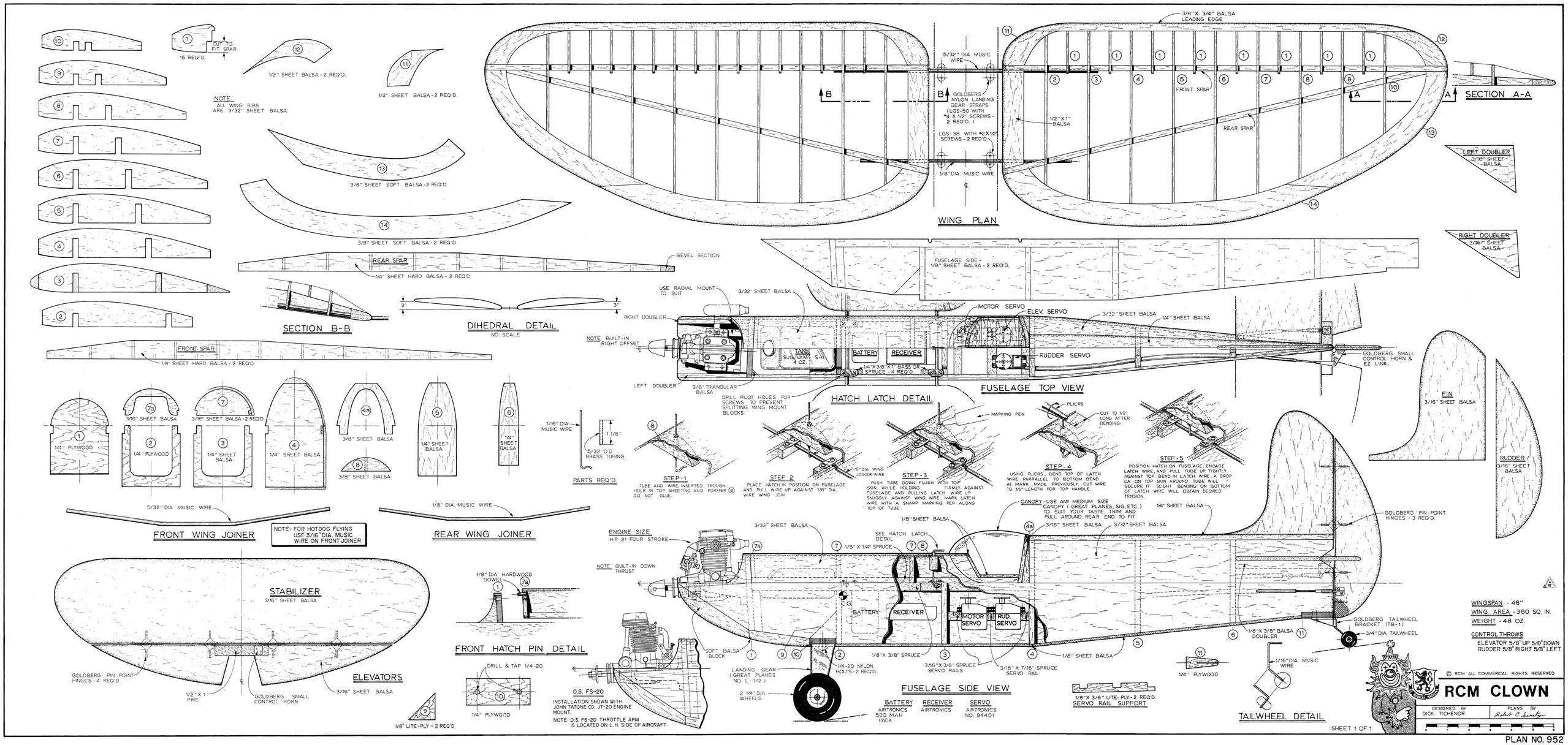
16 REQ'D.
CUT TO FIT SPAR
1/2" SHEET BALSA - 2 REQ'D.
1/2" SHEET BALSA - 2 REQ'D.
NOTE: ALL WING RIBS ARE 3/32" SHEET BALSA.
3/8" SHEET SOFT BALSA - 2 REQ'D.
3/8" SHEET SOFT BALSA - 2 REQ'D.
REAR SPAR
1/4" SHEET HARD BALSA - 2 REQ'D.
BEVEL SECTION
SECTION B-B
DIHEDRAL DETAIL
NO SCALE
FRONT SPAR
1/4" SHEET HARD BALSA - 2 REQ'D.
3/8" X 3/4" BALSA LEADING EDGE
5/32" DIA. MUSIC WIRE
GOLDBERG NYLON LANDING GEAR STRAPS (LGS-50 WITH #4 X 1/2" SCREWS - 2 REQ'D.)
LGS-38 WITH #2X1/2" SCREWS - 2 REQ'D.
1/8" DIA. MUSIC WIRE
1/2" X 1" BALSA
FRONT SPAR
REAR SPAR
WING PLAN
SECTION A-A
LEFT DOUBLER 3/16" SHEET BALSA
RIGHT DOUBLER 3/16" SHEET BALSA
FUSELAGE SIDE - 1/8" SHEET BALSA - 2 REQ'D.
USE RADIAL MOUNT TO SUIT
3/32" SHEET BALSA
RIGHT DOUBLER
NOTE: BUILT-IN RIGHT OFFSET
TANK SULLIVAN S-4 4 OZ.
BATTERY
RECEIVER
1/4" X 3/8" X 1" BASS OR SPRUCE - 4 REQ'D.
MOTOR SERVO
ELEV. SERVO
3/32" SHEET BALSA
1/4" SHEET BALSA
RUDDER SERVO
GOLDBERG SMALL CONTROL HORN & EZ LINK.
LEFT DOUBLER
3/8" TRIANGULAR BALSA
DRILL PILOT HOLES FOR SCREWS TO PREVENT SPLITTING WING MOUNT BLOCKS.
FUSELAGE TOP VIEW
FIN 3/16" SHEET BALSA
RUDDER 3/16" SHEET BALSA
1/4" PLYWOOD
3/16" SHEET BALSA
3/16" SHEET BALSA - 2 REQ'D
1/4" PLYWOOD
1/4" SHEET BALSA
1/4" SHEET BALSA
3/8" SHEET BALSA
3/8" SHEET BALSA
1/4" SHEET BALSA
1/4" SHEET BALSA
5/32" DIA. MUSIC WIRE
FRONT WING JOINER
NOTE: FOR HOTDOG FLYING USE 3/16" DIA. MUSIC WIRE ON FRONT JOINER.
1/8" DIA. MUSIC WIRE
REAR WING JOINER
1/16" DIA. MUSIC WIRE
1 1/8"
5/32" O.D. BRASS TUBING
PARTS REQ'D.
HATCH LATCH DETAIL
STEP-1
TUBE AND WIRE INSERTED TROUGH HOLE IN TOP SHEETING AND FORMER (8) DO NOT GLUE.
STEP 2
PLACE HATCH IN POSITION ON FUSELAGE AND PULL WIRE UP AGAINST 1/8" DIA. WIRE WING JOIN
1/8" DIA. WING JOINER WIRE
MARKING PEN
STEP-3
PUSH TUBE DOWN FLUSH WITH TOP SKIN, WHILE HOLDING FIRMLY AGAINST FUSELAGE AND PULLING LATCH WIRE UP SNUGGLY AGAINST WING WIRE, MARK LATCH WIRE WITH A SHARP MARKING PEN ALONG TOP OF TUBE.
PLIERS
CUT TO 1/2" LONG AFTER BENDING.
STEP-4
USING PLIERS, BEND TOP OF LATCH WIRE PARRALLEL TO BOTTOM BEND AT MARK MADE PREVIOUSLY. CUT WIRE TO 1/2" LENGTH FOR TOP HANDLE.
STEP-5
POSITION HATCH ON FUSELAGE, ENGAGE LATCH WIRE, AND PULL TUBE UP TIGHTLY AGAINST TOP BEND IN LATCH WIRE. A DROP CA ON TOP SKIN AROUND TUBE WILL SECURE IT. SLIGHT BENDING ON BOTTOM OF LATCH WIRE WILL OBTAIN DESIRED TENSION.
CANOPY - USE ANY MEDIUM SIZE CANOPY (GREAT PLANES, SIG, ETC.) TO SUIT YOUR TASTE. TRIM AND PULL AROUND REAR END TO FIT.
1/4" SHEET BALSA
3/16" SHEET BALSA
3/32" SHEET BALSA
GOLDBERG PIN-POINT HINGES - 3 REQ'D.
3/32" SHEET BALSA
1/8" SHEET BALSA
ENGINE SIZE
H.P. .21 FOUR STROKE
NOTE: BUILT-IN DOWN THRUST
SEE HATCH LATCH DETAIL
1/8" X 1/4" SPRUCE
C.G.
BATTERY
RECEIVER
MOTOR SERVO
RUD. SERVO
1/8" X 3/8" SPRUCE
3/16" X 3/8" SPRUCE SERVO RAILS
3/16" X 7/16" SPRUCE SERVO RAIL
1/8" SHEET BALSA
1/8" X 3/8" BALSA DOUBLER
GOLDBERG TAILWHEEL BRACKET (TB-1)
3/4" DIA. TAILWHEEL
1/4" PLYWOOD
1/16" DIA. MUSIC WIRE
TAILWHEEL DETAIL
STABILIZER
3/16" SHEET BALSA
GOLDBERG PIN POINT HINGES - 4 REQ'D.
1/2" X 1" PINE
GOLDBERG SMALL CONTROL HORN
3/16" SHEET BALSA
ELEVATORS
1/8" DIA. HARDWOOD DOWEL
FRONT HATCH PIN DETAIL
DRILL & TAP 1/4-20
1/4" PLYWOOD
1/8" LITE-PLY - 2 REQ'D
SOFT BALSA BLOCK
LANDING GEAR (GREAT PLANES NO. L-1/2)
2 1/4" DIA. WHEELS
1/4-20 NYLON BOLTS - 2 REQ'D.
O.S. FS-20
INSTALLATION SHOWN WITH JOHN TATONE CO. JT-20 ENGINE MOUNT.
NOTE: O.S. FS-20 THROTTLE ARM IS LOCATED ON L.H. SIDE OF AIRCRAFT.
FUSELAGE SIDE VIEW
BATTERY AIRTRONICS 500 MAH PACK
RECEIVER AIRTRONICS
SERVO AIRTRONICS NO. 94401
1/8" X 3/8" LITE-PLY - 2 REQ'D.
SERVO RAIL SUPPORT
WINGSPAN - 46"
WING AREA - 360 SQ. IN.
WEIGHT - 48 OZ.
CONTROL THROWS
ELEVATOR 5/8" UP 5/8" DOWN
RUDDER 5/8" RIGHT 5/8" LEFT
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RCM CLOWN
DESIGNED BY DICK TICHENOR
PLANS BY
SHEET 1 OF 1
PLAN NO. 952