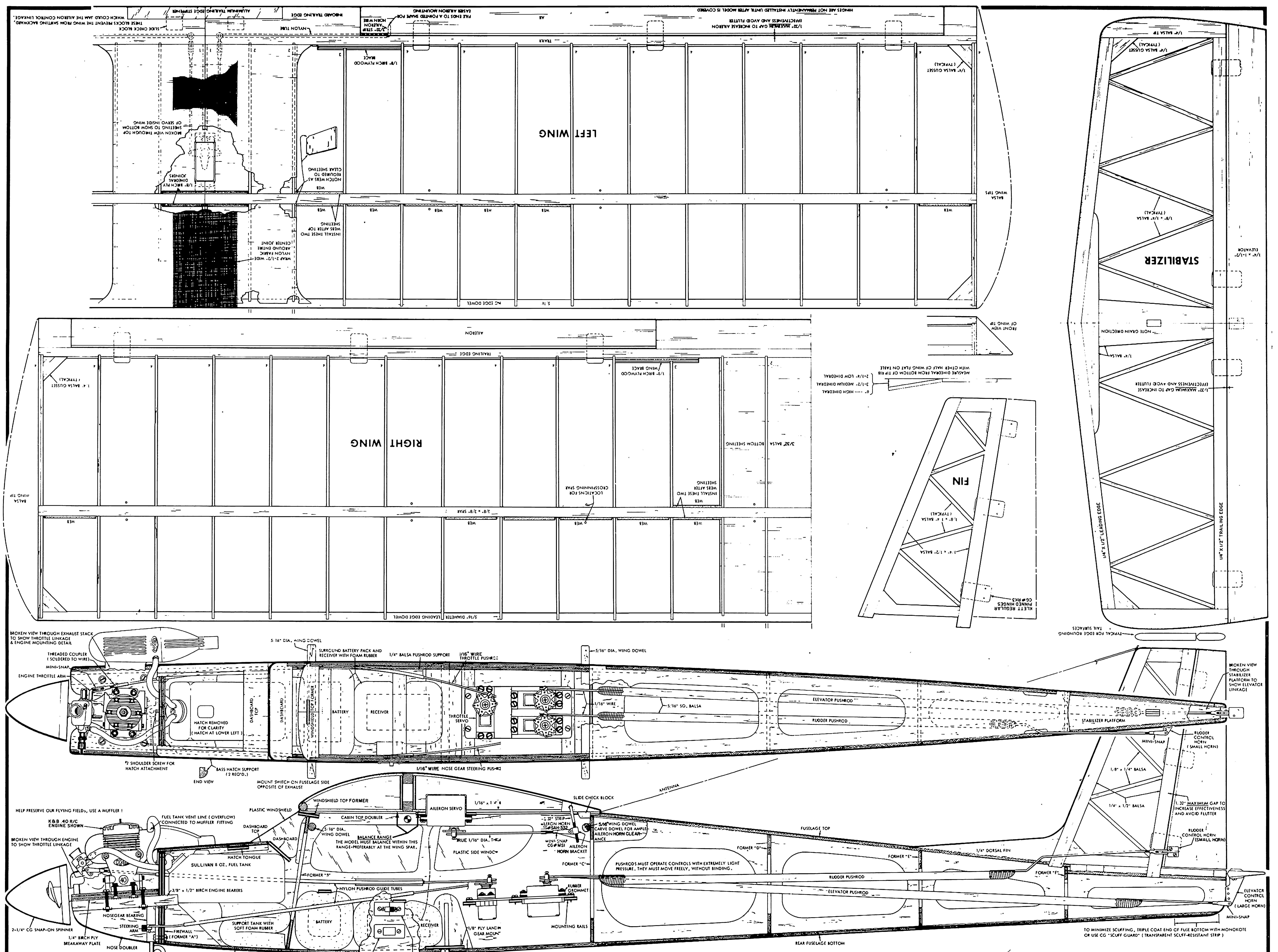
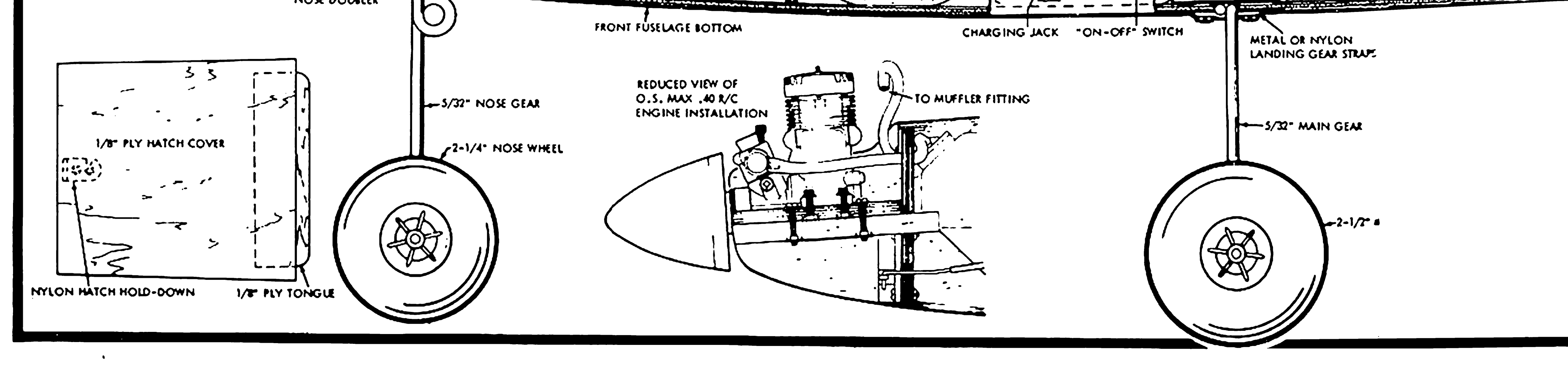

LEFT WING
RIGHT WING
STABILIZER
FIN
BROKEN VIEW THROUGH EXHAUST STACK TO SHOW THROTTLE LINKAGE & ENGINE MOUNTING DETAIL
THREADED COUPLER (SOLDERED TO WIRE)
MINI-SNAP
ENGINE THROTTLE ARM
5/16" DIA. WING DOWEL
SURROUND BATTERY PACK AND RECEIVER WITH FOAM RUBBER
1/4" BALSA PUSHROD SUPPORT
1/16" WIRE THROTTLE PUSHROD
HATCH REMOVED FOR CLARITY (HATCH AT LOWER LEFT)
DASHBOARD TOP
DASHBOARD
WINDSHIELD TOP FORMER
BATTERY
RECEIVER
THROTTLE SERVO
1/16" WIRE
5/16" SQ. BALSA
ELEVATOR PUSHROD
RUDDER PUSHROD
STABILIZER PLATFORM
BROKEN VIEW THROUGH STABILIZER PLATFORM TO SHOW ELEVATOR LINKAGE
#2 SHOULDER SCREW FOR HATCH ATTACHMENT
BASS HATCH SUPPORT (2 REQ'D.)
END VIEW
1/16" WIRE NOSE GEAR STEERING PUSHROD
MOUNT SWITCH ON FUSELAGE SIDE OPPOSITE OF EXHAUST
HELP PRESERVE OUR FLYING FIELDS, USE A MUFFLER !
K&B .40 R/C ENGINE SHOWN
BROKEN VIEW THROUGH ENGINE TO SHOW THROTTLE LINKAGE
FUEL TANK VENT LINE (OVERFLOW) CONNECTED TO MUFFLER FITTING
PLASTIC WINDSHIELD
WINDSHIELD TOP FORMER
CABIN TOP DOUBLER
AILERON SERVO
5/16" DIA. WING DOWEL
BALANCE RANGE
THE MODEL MUST BALANCE WITHIN THIS RANGE-PREFERABLY AT THE WING SPAR.
HATCH TONGUE
SULLIVAN 8 OZ. FUEL TANK
FORMER "B"
NYLON PUSHROD GUIDE TUBES
3/8" x 1/2" BIRCH ENGINE BEARERS
NOSEGEAR BEARING
STEERING ARM
FIREWALL (FORMER "A")
2-1/4" CG SNAP-ON SPINNER
1/4" BIRCH PLY BREAKAWAY PLATE
NOSE DOUBLER
SUPPORT TANK WITH SOFT FOAM RUBBER
FRONT FUSELAGE BOTTOM
BATTERY
RECEIVER
CHARGING JACK
"ON-OFF" SWITCH
PLASTIC SIDE WINDOW
SLIDE CHECK BLOCK
ANTENNA
AILERON HORN SAH-332
MINI-SNAP CG#MSI
AILERON HORN BRACKET
5/16" WING DOWEL CARVE DOWEL FOR AMPLE AILERON HORN CLEARANCE
FORMER "C"
FORMER "D"
FORMER "E"
FORMER "F"
FUSELAGE TOP
PUSHRODS MUST OPERATE CONTROLS WITH EXTREMELY LIGHT PRESSURE. THEY MUST MOVE FREELY, WITHOUT BINDING.
RUBBER GROMMET
MOUNTING RAILS
1/8" PLY LANDING GEAR MOUNT
METAL OR NYLON LANDING GEAR STRAPS
REAR FUSELAGE BOTTOM
1/4" DORSAL FIN
1/8" x 1/4" BALSA
1/4" x 1/2" BALSA
1/32" MAXIMUM GAP TO INCREASE EFFECTIVENESS AND AVOID FLUTTER
RUDDER CONTROL HORN (SMALL HORN)
ELEVATOR CONTROL HORN (LARGE HORN)
MINI-SNAP
TO MINIMIZE SCUFFING, TRIPLE COAT END OF FUSE BOTTOM WITH MONOKOTE OR USE CG "SCUFF GUARD" (TRANSPARENT SCUFF-RESISTANT STRIP)


1/8" PLY HATCH COVER
NYLON HATCH HOLD-DOWN
1/8" PLY TONGUE
5/32" NOSE GEAR
2-1/4" NOSE WHEEL
REDUCED VIEW OF O.S. MAX .40 R/C ENGINE INSTALLATION
TO MUFFLER FITTING
5/32" MAIN GEAR
2-1/2" ⌀

COMPLETED MODEL
(With left side removed for clarity)

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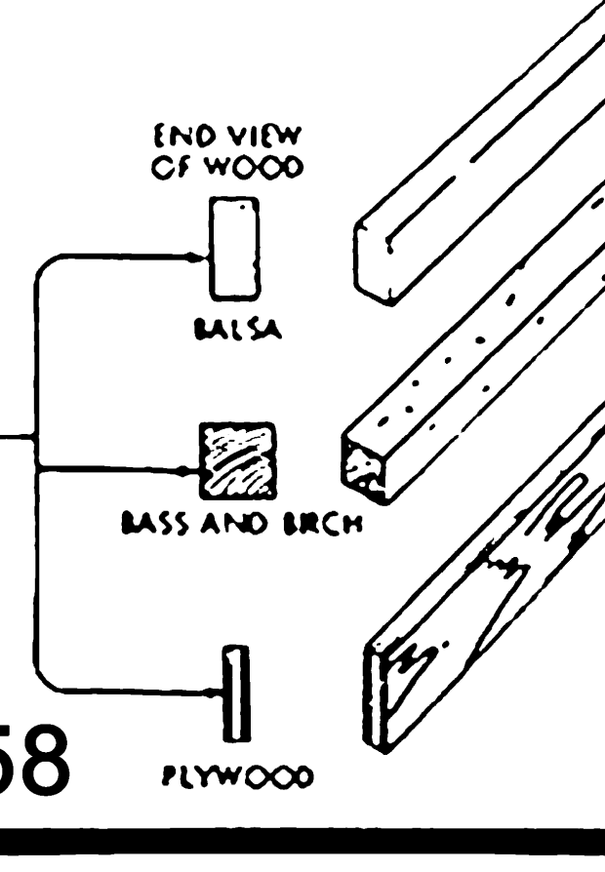
EAGLE 63

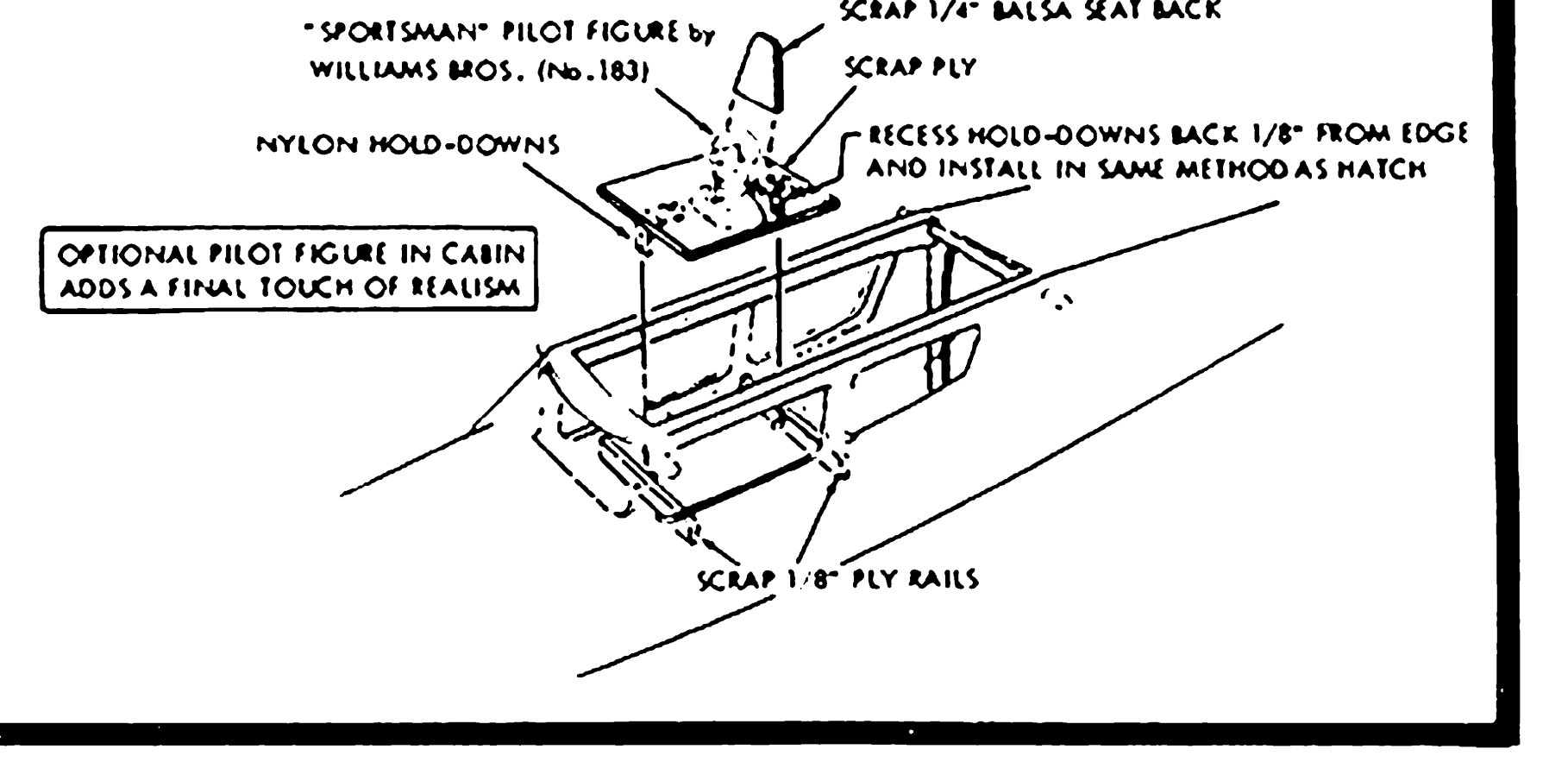
R/C SPORT TRAINER
FOR 3 or 4 CHANNEL RADIO and .29 to .49 ENGINES
SPAN 62-5/8" LENGTH 45"
AREA 715 SQ. IN. WEIGHT 78 oz.

DESIGNED BY CARL GOLDBERG
TECHNICAL ASSISTANCE BUILDING & FLYING BY JIM PETRZELKA
DRAWN BY WARREN KRONBERGER AND MAC McVICKAR
CONSTRUCTION PHOTOS BY ROGER CHRISTY

NOTE: ALL ACCESSORIES SHOWN ARE MADE BY CARL GOLDBERG MODELS

THE EAGLE IS MADE FROM FOUR KINDS OF WOOD; BALSA, BASS, BIRCH, AND VARIOUS PLYWOODS. EACH OF THESE WOODS HAS ITS OWN CHARACTERISTIC END GRAIN PATTERN (AS VIEWED FROM THE END) WHICH HAS BEEN DRAWN ON THE PLANS. YOU CAN EASILY USE THESE PATTERNS TO IDENTIFY WHAT KIND OF WOOD IS SHOWN FOR A PART IF YOU ARE IN DOUBT.


END VIEW OF WOOD
BALSA
BASS AND BIRCH
PLYWOOD


"SPORTSMAN" PILOT FIGURE by WILLIAMS BROS. (No.183)
SCRAP 1/4" BALSA SEAT BACK
SCRAP PLY
NYLON HOLD-DOWNS
RECESS HOLD-DOWNS BACK 1/8" FROM EDGE AND INSTALL IN SAME METHOD AS HATCH
OPTIONAL PILOT FIGURE IN CABIN ADDS A FINAL TOUCH OF REALISM
SCRAP 1/8" PLY RAILS

0 1 2 3 4 5 6

PLAN 858