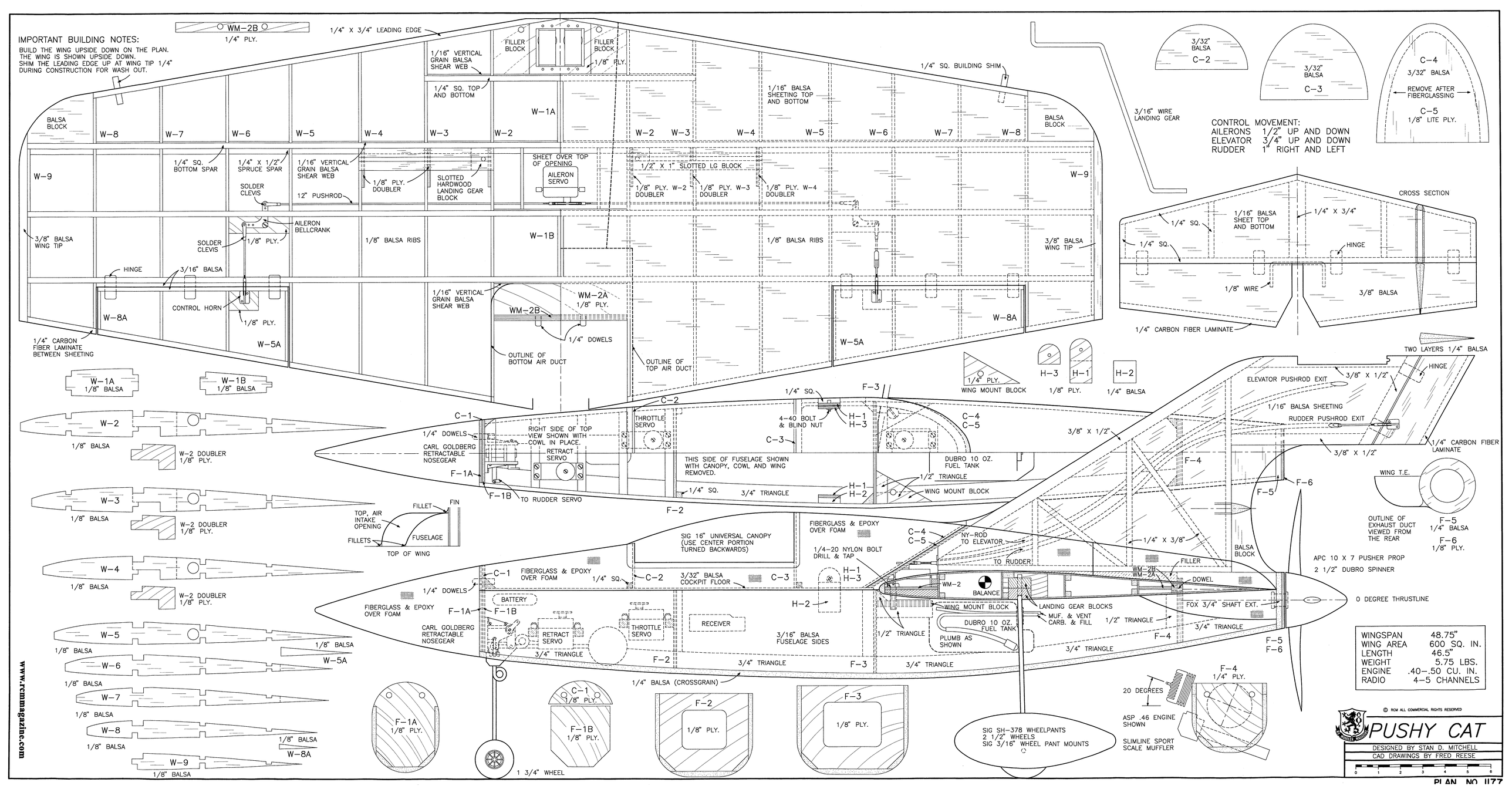
IMPORTANT BUILDING NOTES:
BUILD THE WING UPSIDE DOWN ON THE PLAN. THE WING IS SHOWN UPSIDE DOWN. SHIM THE LEADING EDGE UP AT WING TIP 1/4" DURING CONSTRUCTION FOR WASH OUT.
WM-2B
1/4" PLY.
1/4" X 3/4" LEADING EDGE
1/16" VERTICAL GRAIN BALSA SHEAR WEB
FILLER BLOCK
1/8" PLY.
1/4" SQ. TOP AND BOTTOM
W-1A
1/16" BALSA SHEETING TOP AND BOTTOM
1/4" SQ. BUILDING SHIM
BALSA BLOCK
W-8
W-7
W-6
W-5
W-4
W-3
W-2
W-9
1/4" SQ. BOTTOM SPAR
1/4" X 1/2" SPRUCE SPAR
SOLDER CLEVIS
12" PUSHROD
1/8" PLY. DOUBLER
SLOTTED HARDWOOD LANDING GEAR BLOCK
SHEET OVER TOP OF OPENING
AILERON SERVO
1/2" X 1" SLOTTED LG BLOCK
1/8" PLY. W-2 DOUBLER
1/8" PLY. W-3 DOUBLER
1/8" PLY. W-4 DOUBLER
3/8" BALSA WING TIP
AILERON BELLCRANK
1/8" BALSA RIBS
W-1B
HINGE
3/16" BALSA
CONTROL HORN
W-8A
W-5A
1/4" CARBON FIBER LAMINATE BETWEEN SHEETING
WM-2A
1/4" DOWELS
OUTLINE OF BOTTOM AIR DUCT
OUTLINE OF TOP AIR DUCT
3/16" WIRE LANDING GEAR
3/32" BALSA
C-2
C-3
C-4
C-5
REMOVE AFTER FIBERGLASSING
1/8" LITE PLY.
CONTROL MOVEMENT:
AILERONS 1/2" UP AND DOWN
ELEVATOR 3/4" UP AND DOWN
RUDDER 1" RIGHT AND LEFT
CROSS SECTION
1/4" SQ.
1/16" BALSA SHEET TOP AND BOTTOM
1/4" X 3/4"
HINGE
1/8" WIRE
3/8" BALSA
1/4" CARBON FIBER LAMINATE
W-1A 1/8" BALSA
W-1B 1/8" BALSA
W-2 1/8" BALSA
W-2 DOUBLER 1/8" PLY.
W-3 1/8" BALSA
W-4 1/8" BALSA
W-5 1/8" BALSA
W-6 1/8" BALSA
W-7 1/8" BALSA
W-8 1/8" BALSA
W-9 1/8" BALSA
1/8" BALSA W-5A
1/8" BALSA W-8A
1/4" PLY. WING MOUNT BLOCK
H-3
H-1
1/8" PLY.
H-2
1/4" BALSA
TWO LAYERS 1/4" BALSA
ELEVATOR PUSHROD EXIT
3/8" X 1/2"
1/16" BALSA SHEETING
RUDDER PUSHROD EXIT
1/4" CARBON FIBER LAMINATE
F-3
F-4
F-5
F-6
C-1
C-2
C-3
C-4
C-5
1/4" SQ.
THROTTLE SERVO
4-40 BOLT & BLIND NUT
H-1
H-3
1/4" DOWELS
RIGHT SIDE OF TOP VIEW SHOWN WITH COWL IN PLACE.
CARL GOLDBERG RETRACTABLE NOSEGEAR
RETRACT SERVO
THIS SIDE OF FUSELAGE SHOWN WITH CANOPY, COWL AND WING REMOVED.
DUBRO 10 OZ. FUEL TANK
1/2" TRIANGLE
F-1A
F-1B
TO RUDDER SERVO
1/4" SQ.
3/4" TRIANGLE
H-2
WING MOUNT BLOCK
F-2
WING T.E.
OUTLINE OF EXHAUST DUCT VIEWED FROM THE REAR
F-5 1/4" BALSA
F-6 1/8" PLY.
TOP, AIR INTAKE OPENING
FILLET
FIN
FILLETS
FUSELAGE
TOP OF WING
SIG 16" UNIVERSAL CANOPY (USE CENTER PORTION TURNED BACKWARDS)
FIBERGLASS & EPOXY OVER FOAM
1/4-20 NYLON BOLT DRILL & TAP
NY-ROD TO ELEVATOR
TO RUDDER
1/4" X 3/8"
BALSA BLOCK
FILLER
APC 10 X 7 PUSHER PROP
2 1/2" DUBRO SPINNER
1/4" DOWELS
3/32" BALSA COCKPIT FLOOR
WM-2
BALANCE
WM-2B
WM-2A
DOWEL
BATTERY
WING MOUNT BLOCK
LANDING GEAR BLOCKS
MUF. & VENT
CARB. & FILL
FOX 3/4" SHAFT EXT.
0 DEGREE THRUSTLINE
RECEIVER
3/16" BALSA FUSELAGE SIDES
PLUMB AS SHOWN
1/4" BALSA (CROSSGRAIN)
1 3/4" WHEEL
SIG SH-378 WHEELPANTS
2 1/2" WHEELS
SIG 3/16" WHEEL PANT MOUNTS
20 DEGREES
ASP .46 ENGINE SHOWN
SLIMLINE SPORT SCALE MUFFLER
WINGSPAN 48.75"
WING AREA 600 SQ. IN.
LENGTH 46.5"
WEIGHT 5.75 LBS.
ENGINE .40-.50 CU. IN.
RADIO 4-5 CHANNELS
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