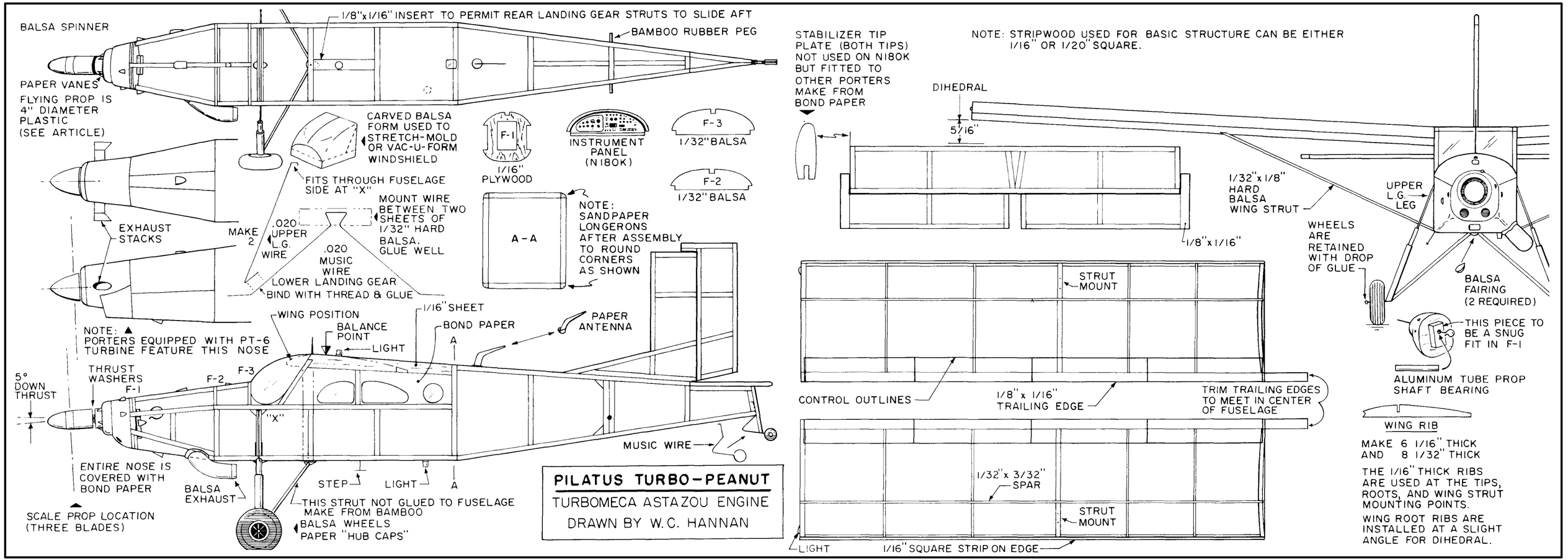
BALSA SPINNER
1/8"x1/16" INSERT TO PERMIT REAR LANDING GEAR STRUTS TO SLIDE AFT
BAMBOO RUBBER PEG
PAPER VANES
FLYING PROP IS 4" DIAMETER PLASTIC (SEE ARTICLE)
CARVED BALSA FORM USED TO STRETCH-MOLD OR VAC-U-FORM WINDSHIELD
FITS THROUGH FUSELAGE SIDE AT "X"
F-1
1/16" PLYWOOD
INSTRUMENT PANEL (N180K)
F-3
1/32" BALSA
F-2
1/32" BALSA
EXHAUST STACKS
MAKE 2
.020 UPPER L.G. WIRE
MOUNT WIRE BETWEEN TWO SHEETS OF 1/32" HARD BALSA. GLUE WELL
.020 MUSIC WIRE
LOWER LANDING GEAR BIND WITH THREAD & GLUE
A-A
NOTE: SANDPAPER LONGERONS AFTER ASSEMBLY TO ROUND CORNERS AS SHOWN
NOTE: ▲ PORTERS EQUIPPED WITH PT-6 TURBINE FEATURE THIS NOSE
WING POSITION
BALANCE POINT
LIGHT
1/16" SHEET
BOND PAPER
A
PAPER ANTENNA
5° DOWN THRUST
THRUST WASHERS
F-1
F-2
F-3
"X"
MUSIC WIRE
ENTIRE NOSE IS COVERED WITH BOND PAPER
BALSA EXHAUST
STEP
LIGHT
A
THIS STRUT NOT GLUED TO FUSELAGE MAKE FROM BAMBOO
BALSA WHEELS PAPER "HUB CAPS"
SCALE PROP LOCATION (THREE BLADES)
PILATUS TURBO-PEANUT
TURBOMECA ASTAZOU ENGINE
DRAWN BY W.C. HANNAN
STABILIZER TIP PLATE (BOTH TIPS) NOT USED ON N180K BUT FITTED TO OTHER PORTERS MAKE FROM BOND PAPER
NOTE: STRIPWOOD USED FOR BASIC STRUCTURE CAN BE EITHER 1/16" OR 1/20" SQUARE.
DIHEDRAL
5/16"
1/32"x1/8" HARD BALSA WING STRUT
1/8"x1/16"
UPPER L.G. LEG
WHEELS ARE RETAINED WITH DROP OF GLUE
BALSA FAIRING (2 REQUIRED)
THIS PIECE TO BE A SNUG FIT IN F-1
ALUMINUM TUBE PROP SHAFT BEARING
STRUT MOUNT
CONTROL OUTLINES
1/8" x 1/16" TRAILING EDGE
TRIM TRAILING EDGES TO MEET IN CENTER OF FUSELAGE
1/32"x 3/32" SPAR
STRUT MOUNT
LIGHT
1/16" SQUARE STRIP ON EDGE
WING RIB
MAKE 6 1/16" THICK AND 8 1/32" THICK
THE 1/16" THICK RIBS ARE USED AT THE TIPS, ROOTS, AND WING STRUT MOUNTING POINTS.
WING ROOT RIBS ARE INSTALLED AT A SLIGHT ANGLE FOR DIHEDRAL.