



MANY PITTS SPECIALS SPORT BLACK OR BLUE "GULFHAWK" STRIPES AND ALTERNATE BANDS OF WHITE AND BASE COLOR ON THE TOP OF THE TOP WING AND TOP OF STABILIZER. IF YOU'RE UP TO THE CHALLENGE WHY NOT DOLL YOURS UP TOO?

ALL FLYING SURFACE OUTLINES ARE PREFABRICATED BY FORMING TWO WATER-SOAKED TITEBOND GLUED 1/16 X 1/32 BALSAs STRIPS AROUND A WAXED CARDBOARD OR METAL FORM. THIS METHOD HELPS MAINTAIN A TRIM, LIGHTWEIGHT WARP-RESISTANT STRUCTURE THAT SIMULATES THE STEEL TUBE CONSTRUCTION OF THE FULL SCALE CRAFT.

PROPELLER BLADES (2) OF .008 CELLULOID. USE BLACK PAINT TO REPRESENT SCALE SIZE PROPELLER.  
 USE THREAD OR FINE WIRE FOR WING RIGGING WIRES. NOTE THAT THEY ARE IN PAIRS SPACED 3/32. 1/32 SQUARE BALSAs RIGGING BRACE CUT 1-1/4 LONG IS GLUED BETWEEN THE WIRE PAIRS WHERE THEY CROSS AND IS ALIGNED PARALLEL TO FUSELAGE CENTERLINE.

FUSELAGE COVERED WITH STIFF PAPER ON TOP BACK TO 6a, ON THE SIDES BACK TO 3a AND THE BOTTOM BACK TO 2c. COVER ENTIRE FUSELAGE WITH COLORED JAP TISSUE. HINT: ATTACH STIFF PAPER WITH RUBBER CEMENT TO AVOID DISTORTIONS DUE TO SHRINKING GLUE.

NOTE THAT VERTICAL TAIL IS REMOVABLE AS A UNIT FOR ACCESS TO REAR MOTOR HOOK. TWO PILOT PINS HOLD IT IN PLACE. LOWER PIN IS PART OF TAIL WHEEL WIRE FORM.

SIDE FRAMES CONSTRUCTED OF 1/16 SQUARE BALSAs EXCEPT FOR THE THREE VERTICALS INDICATED WHICH ARE 1/16 X 1/32 BALSAs. PART 1b IS BUILT INTO THE SIDE FRAMES.

MAJOR DEVIATION FROM SCALE IS USE OF FLAT BOTTOMED WING AIRFOIL. TAIL AND STABILIZER SIZE, LANDING GEAR LENGTH, DIHEDRAL AND RIB SPACING ARE PROPERLY REPRESENTED.

BEND TAIL WHEEL (SKID) WIRE FORM ACCURATELY, GLUE IN PLACE AND FABRICATE WHEEL, FORK, SPRING AND FAIRING OF SCRAP BALSAs, PAPER AND GLUE. PAINT NEATLY.

THIS MODEL IS BASED UPON A DRAWING OF THE PITTS SPECIAL BY BJORN KARLSTROM. SINCE THE PITTS SPECIAL IS A "HOME-BUILT" AIRCRAFT CONSIDERABLE VARIETIES AROUND SUCH AS WITH CESSNA LANDING GEARS, BUBBLE CANOPY AND ALERONS ON ALL WING PANELS. CHECK THE PAGES OF "SPORT AVIATION" (JOURNAL OF THE E.A.A.) OR OTHER POPULAR AVIATION MAGAZINES FOR DETAILS WHICH CAN BE APPLIED TO THIS MODEL WITHOUT DETRACTING FROM ITS SCALE AUTHENTICITY.

SPINNER IS CUT DOWN BALSAs MODEL ROCKET NOSE CONE. 1/16 ALUMINUM TUBE IS EPOXIED THROUGH CENTER. CUT SPIRAL FREE WHEELING CAM AT TIP OF SPINNER. SLOT SPINNER AT 45 DEGREES TO RECEIVE CELLULOID PROPELLER BLADES. THRUST PLUG IS 13/32 LENGTH OF 1/4 DIAMETER HARDWOOD DOWEL WITH 1/32 HOLE THROUGH CENTER TO FIT .025 MUSIC WIRE PROP SHAFT.

Drawn more than twenty years ago, this plan remains one of the finest graphic designs ever published. Reproduced by courtesy of David W. Jones, with the cooperation of Peck-Polymers.

**PITTS SPECIAL** 3/4 inch=one foot  
 drawn March, 1971, for  
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