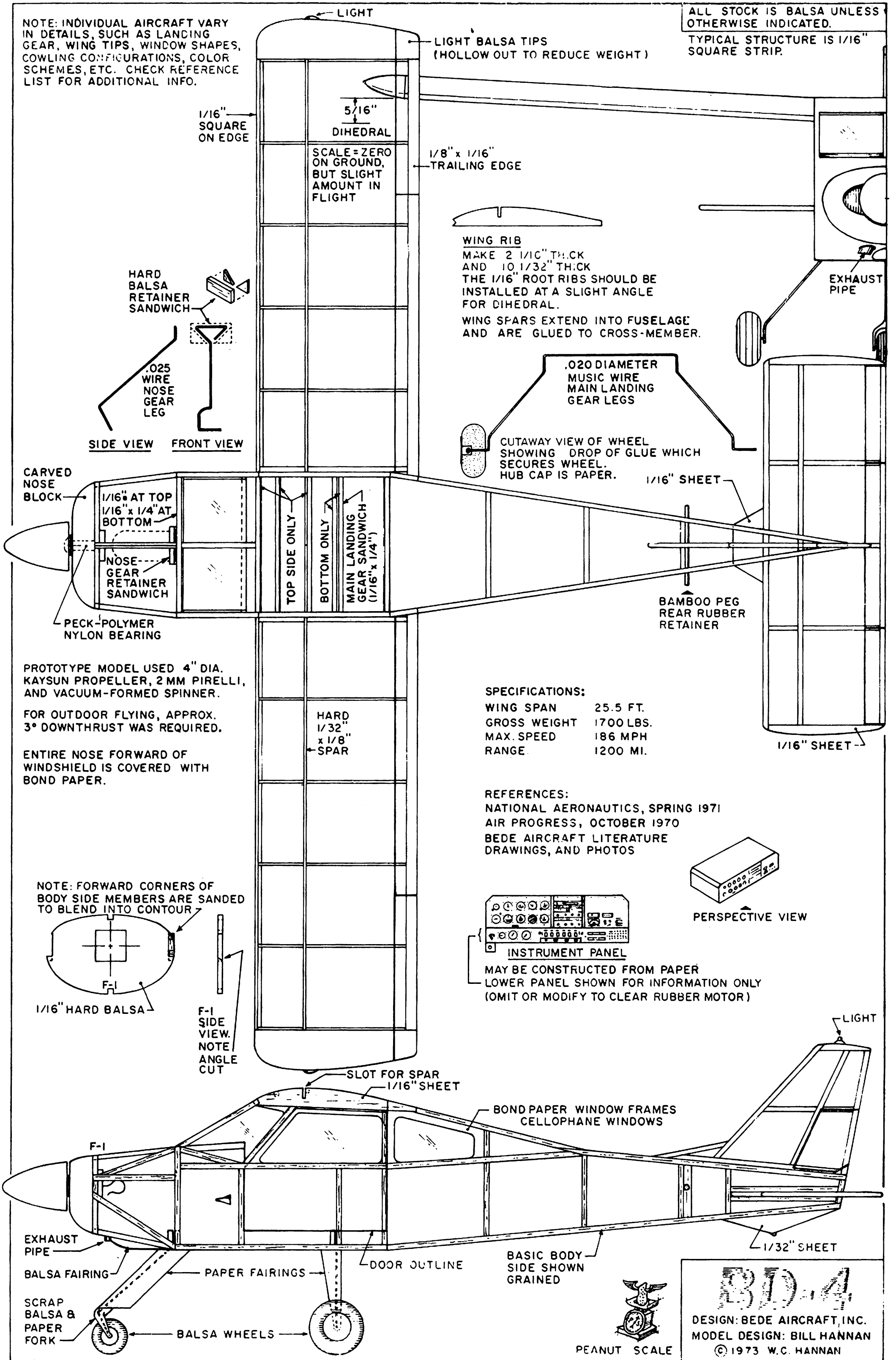


NOTE: INDIVIDUAL AIRCRAFT VARY IN DETAILS, SUCH AS LANDING GEAR, WING TIPS, WINDOW SHAPES, COWLING CONFIGURATIONS, COLOR SCHEMES, ETC. CHECK REFERENCE LIST FOR ADDITIONAL INFO.

ALL STOCK IS Balsa UNLESS OTHERWISE INDICATED. TYPICAL STRUCTURE IS 1/16" SQUARE STRIP.



1/16" SQUARE ON EDGE

5/16" DIHEDRAL

LIGHT Balsa TIPS (HOLLOW OUT TO REDUCE WEIGHT)

1/8" x 1/16" TRAILING EDGE

SCALE = ZERO ON GROUND, BUT SLIGHT AMOUNT IN FLIGHT

WING RIB
MAKE 2 1/16" THICK AND 10 1/32" THICK THE 1/16" ROOT RIBS SHOULD BE INSTALLED AT A SLIGHT ANGLE FOR DIHEDRAL. WING SPARS EXTEND INTO FUSELAGE AND ARE GLUED TO CROSS-MEMBER.

HARD Balsa RETAINER SANDWICH

.025 WIRE NOSE GEAR LEG

SIDE VIEW FRONT VIEW

EXHAUST PIPE

.020 DIAMETER MUSIC WIRE MAIN LANDING GEAR LEGS

CUTAWAY VIEW OF WHEEL SHOWING DROP OF GLUE WHICH SECURES WHEEL. HUB CAP IS PAPER.

1/16" SHEET

CARVED NOSE BLOCK

1/16" AT TOP 1/16" x 1/4" AT BOTTOM

NOSE GEAR RETAINER SANDWICH

TOP SIDE ONLY

BOTTOM ONLY

MAIN LANDING GEAR SANDWICH (1/16" x 1/4")

BAMBOO PEG REAR RUBBER RETAINER

PECK-POLYMER NYLON BEARING

PROTOTYPE MODEL USED 4" DIA. KAYSUN PROPELLER, 2 MM PIRELLI, AND VACUUM-FORMED SPINNER.

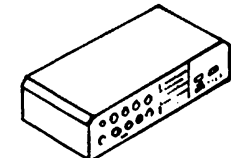
FOR OUTDOOR FLYING, APPROX. 3° DOWNTHRUST WAS REQUIRED.

ENTIRE NOSE FORWARD OF WINDSHIELD IS COVERED WITH BOND PAPER.

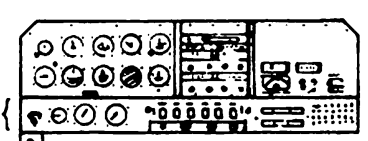
SPECIFICATIONS:

WING SPAN	25.5 FT.
GROSS WEIGHT	1700 LBS.
MAX. SPEED	186 MPH
RANGE	1200 MI.

REFERENCES:
NATIONAL AERONAUTICS, SPRING 1971
AIR PROGRESS, OCTOBER 1970
BEDE AIRCRAFT LITERATURE DRAWINGS, AND PHOTOS



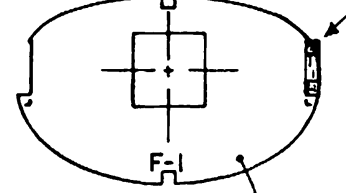
PERSPECTIVE VIEW



INSTRUMENT PANEL

MAY BE CONSTRUCTED FROM PAPER LOWER PANEL SHOWN FOR INFORMATION ONLY (OMIT OR MODIFY TO CLEAR RUBBER MOTOR)

NOTE: FORWARD CORNERS OF BODY SIDE MEMBERS ARE SANDED TO BLEND INTO CONTOUR



1/16" HARD Balsa

F-1 SIDE VIEW. NOTE ANGLE CUT

HARD 1/32" x 1/8" SPAR

SLOT FOR SPAR 1/16" SHEET

BOND PAPER WINDOW FRAMES CELLOPHANE WINDOWS

F-1

EXHAUST PIPE

Balsa FAIRING

PAPER FAIRINGS

DOOR OUTLINE

BASIC BODY SIDE SHOWN GRAINED

1/32" SHEET

SCRAP Balsa & PAPER FORK

Balsa WHEELS



PEANUT SCALE

BD-4
DESIGN: BEDE AIRCRAFT, INC.
MODEL DESIGN: BILL HANNAN
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