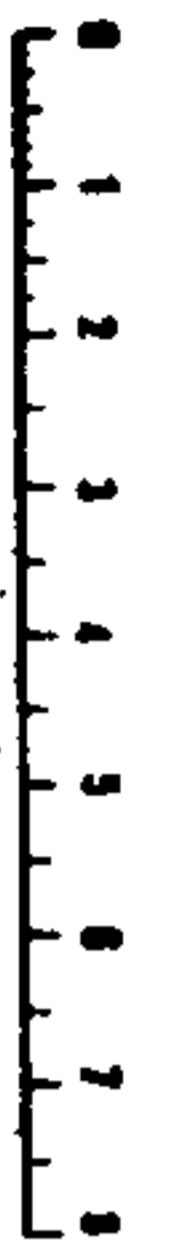


# H.I. ALTITUDE SPEED MODEL



NOTE: JETX SCORPION SHOWN INSTALLED, BUT SMALLER UNITS CAN BE USED

1/16" MEDIUM SHEET Balsa REAR FUSELAGE WALL

FILLET JOINTS

PUT IN SURFACE OUTLINE WITH INK AND PEN

3/16" HARD SHEET Balsa

USAF

PLYWOOD JOINERS

AUGMENTER TUBE CUT DOWN IN LENGTH TO SIZE REQUIRED TO HATCH

RUBBER BAND

TO INSURE OPENING THE PARACHUTE MUST BE FOLDED NEATLY AND LOOSELY

SOFT WIRE HINGES

ADJUSTABLE TRIM TAB FOR FLYING

BECAL

3/32" HARD SHEET Balsa

1/16" SHEET Balsa STIFFENERS

1/16" SHEET Balsa SIDES

RUBBER BAND

AUGMENTER TUBE CUT DOWN IN LENGTH

RUBBER BAND CUT OUT FOR HATCH OPENING

RUBBER BAND

PARTING LINE FOR 3" WIDE SHEET Balsa

TRIM LINES AND MARKINGS

USE STRONG SILK OR NYLON THREAD

1" LENGTH TO PARACHUTE MATCH

PARACHUTE DETAILS ALL LINES TIED TOGETHER AT THIS POINT

SHROUD LINES ARE 14" LONG

3/16" HARD SHEET Balsa

SURFACE OUTLINES

TRIM LINES AND MARKINGS

TOP VIEW

TRIM LINE

3/16" HARD SHEET Balsa C

FABRIC HINGE

SECTION B-B FILET FOR STREAMLINING AND STRENGTH

SECTION A-A

SECTION C-C

SECTION B-D

PARACHUTE COMPARTMENT

1/16" PLYWOOD FORMER

3/32" PLYWOOD

1/16" PARACHUTE FLOOR POSITION Balsa

1/16" SHEET Balsa FLOOR

CUTOUT FOR AUGMENTER TUBE IF USED

CEMENT FLOOR BETWEEN FORMERS BEFORE REAR FUSELAGE ASSEMBLY  
ADD BALLAST HERE IF NEEDED

MAIN FUSELAGE SECTION SHAPED FROM TWO 1"x2"x1 1/2" MEDIUM Balsa BLOCKS

PARACHUTE PATTERN (LIGHTWEIGHT SILK OR NYLON)

TIE SHROUD LINES AT EACH CORNER

WIDTH OF FINS PERMITS 1/4" TOLERANCE ON SIDES OF LAUNCHING TRESTLE

1/16" SHEET Balsa FUSELAGE CONNECTORS

PLASTIC CANOPY

PARTING LINE

FUSELAGE CONNECTORS

PIN HOOKS

RUBBER BAND

DECALS

ADJUSTABLE TRIM TAB FOR FLYING

SOFT WIRE HINGES

.040" DIA. WIRE DETERMINALIZER HOOKS

.040" DIA. WIRE INSERT

1/4" HARD SHEET Balsa HOOK AND SKID

HOLLOW BLOCKS APPROXIMATELY

1/2" SQUARES

BALANCE MODEL HERE  
MATCH OPERATION: FUSE BURNS THROUGH RUBBER BAND, HATCH SPRINGS OPEN AND PARACHUTE IS EJECTED

