



TYPICAL RIB SHAPE

WILLIAMS BROS:
WHEELS, CYLINDARS,
AND THRUST BUTTON.

LOWER WING ROOT RIBS
WING STRUCTURE: LEADING EDGE 1/16 BY 1/8
SPAR, 1/16 BY 1/16
TRAILING EDGE, 1/16 BY 1/8
RIBS AND TIPS, 1/20 TH SHEET

1/16TH SHEET CABANE STRUT
SUPPORTS ON TOP WING ONLY
SLANT SLOT TO MATCH FRONT VIEW

PECK POLYMERS:
PLASTIC PROPELLER

FUSELAGE TOP VIEW

DIHEDRAL

DRESS SNAP
CYLINDAR
HEADS

FUSELAGE STRUCTURE: LONGERONS ARE 1/16TH SQUARE
UPRIGHTS AND CROSS PIECES EXCEPT AT
NOSE, LANDING GEAR, AND REAR MOTOR
PEG, ARE 1/16TH SQUARE. THE EXCEPTIONS
ARE 1/16 BY 1/8
EXTREME NOSE IS A CARVED AND HOLLOWED
BALSA BLOCK. USE SHEET OR BOND PAPER
FOR THE TOP DECKING.

FRONT VIEW

VERTICAL AND
HORIZONTAL TAIL
STRUCTURE: RIBS AND SPARS
1/16TH SQUARE. OUTLINES FROM 1/16 BY 1/8
OR CUT FROM 1/16TH SHEET

SIDE VIEW

USE 1/32ND OR THINNER MUSIC
WIRE FOR THE PROP SHAFT AND
MAIN LANDING GEAR STRUCTURE

MAKE FORMERS FROM 1/32ND SHEET

CABANE STRUT TRUE SHAPE AND SIZE

MAKE ALL STRUTS FROM
THIN PLYWOOD

Udet U-12a
PEANUT SCALE
BY *Matt Mooney*

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