



STABILIZER SPAR

ELEVATOR SPAR

HORIZONTAL TAIL ASSEMBLY

L.E. - 1/8" SQ. STOCK, TAPERED

UPPER WING

LOWER WING

LOWER WING

SEE SIDE ASSEMBLY VIEW FOR DIMENSIONS OF INTERPLANE STRUTS

FRONT CABANE STRUTS. BE SURE TO MAKE A RIGHT AND LEFT-HAND STRUT

REAR CABANE STRUTS

CABANE AND FLYING WIRES ARE KNOTTED AT ENDS AND PASSED THRU CENTER SECTION AT THESE POINTS BEFORE COVERING.

REGULAR RIB - MAKE 26 FROM 1/32" Balsa AND 10 FROM 1/16" MATERIAL

UPPER CENTER SECTION RIB - MAKE 2, 1/32" THICK

UPPER C.S. RIB - MAKE 1, 1/32" THICK

RIGGING DIAGRAM (NOT TO SCALE) USE #24 BLACK THREAD.

L.G. STRUTS ARE MADE IN TWO HALVES FROM HARD Balsa. #13 FLANG WIRE AXLES EXTEND THRU STRUTS.

SAND TO STREAMLINE FORM

CUT HEAD REST FROM SOFT Balsa AND HOLLOW OUT TO A WALL THICKNESS OF 1/16"

CUT OFF THIS PART AFTER ASSEMBLING FUSELAGE

SPINNER PARTS

32 SHEET Balsa BUSHING MAKE 24
MAKE 2
MAKE 1
BEARING BUTTON
1 1/2" DIA. HARDWOOD WHEELS

GLOSTER "GLADIATOR"
DESIGNED BY - MANLEY MILLS
PUBLISHED - FLYING ACES MARCH 1939
SCALE - 2 1/2" = 1'-0" WINGSPAN 21"
TRACED BY - DICK GLEASON NOV. 8, 1982