

PITOT HEAD, RIGHT WING ONLY

RIGHT WING PANEL

3/16 SQ. BALSA LEADING EDGES

SPAR OUTLINE

AJU

1 3/8" DIHEDRAL AT EACH WINGTIP

1/8 BALSA WING TIPS

3/16 x 1/16 TRAILING EDGES

TYPICAL CUT RIB CONSTRUCTION

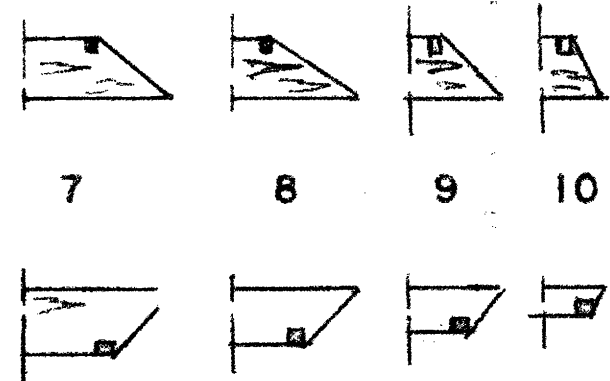
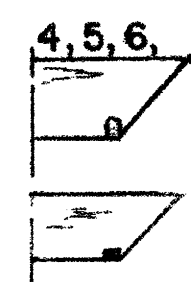
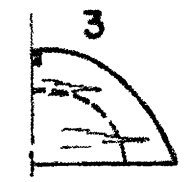
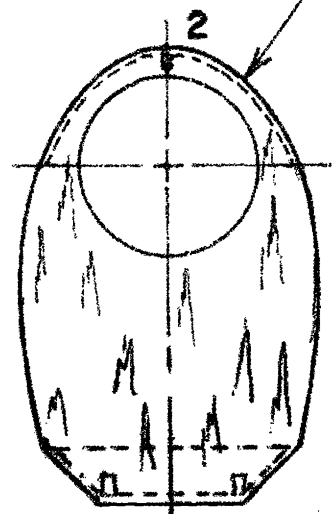
FRONT VIEW

FACE FORMER WITH 1/64 PLY.
BIND WIRE WITH THREAD

ELECTRIC VERSION

1/32 PLYWOOD FIREWALL FOR
ELECTRIC POWERED VERSION ONLY

"HI-LINE"
MOTOR
SHOWN



ALL FORMERS ARE 1/16 BALSA

TYPICAL WING RIB SECTIONS

1/8 x 1/16 BALSA

STAB.

1/8 SQ. BALSA

TOP VIEW

1/16 SHEET BALSA

BOTTOM VIEW

COYL CHEEKS FROM 1/32 BALSA OR
CARD STOCK

MAKE NOSE BLOCK FROM SOFT BALSA

TURN SPINNER FROM MEDIUM BALSA
ON DREMEL TOOL

1/32 SHEET BALSA

APPROXIMATE CENTER OF GRAVITY LOCATION

SIDE STRINGER POSITIONS

COLOR: RWD 5 bis SP-AJU WAS ALL SILVER WITH
BLACK LETTERS AND TRIM. IT WAS A SLIGHTLY
MODIFIED RWD 5 IN WHICH CAPTAIN STANISLAW
SHARZYNSKI SUCCESSFULLY FLEW FROM SENEGAL,
WEST AFRICA TO MACEIO, BRAZIL ON 7/8 MAY,
1933, AFTER A 20 HOUR AND 30 MINUTE FLIGHT

LONGERONS ARE 1/16 SQ. BASS. ALL UPRIGHTS,
DIAGONALS, CROSSMEMBERS, AND STRINGERS ARE
1/16 SQ. BALSA

LAMINATE OR USE 3/32 REED FOR
RUDDER AND STABILIZER TIPS

SP-AJU

3/32 SQ. BALSA

SOFT BALSA BLOCK

1/8 SQ. BALSA

1/8 x 1/16 BALSA

SPECIFICATIONS

WINGSPAN	27 "
LENGTH	19 3/4"
AREA	109 SQ."

1 1/4"
BALSA WHLS.

SWITCH AND CHARGER JACK

APPROXIMATE BATTERY LOCATION

WHEEL PANTS ARE OPTIONAL. IT IS
BELIEVED THEY WERE INSTALLED ON
AIRCRAFT WHEN SOUTH ATLANTIC WAS
FLOWN.

REAR RUBBER ANCHOR

POLISH R.W.D. 5 bis

DESIGNED & DRAWN BY COL. HURST G. BOWERS, JULY '88