

3/8x1-LEADING EDGE

1/4x1-1/4 L.E. DOUBLER

5/16 DIA x 4- BIRCH DOWELS

1-x1-1/2 HARDWOOD LANDING GEAR MOUNT

TIP RIB TEMPLATE

DIHEDRAL-2-1/2" UNDER EACH TIP

TRACE OFF WING TIP AND SPLICE ON TO THE WING DRAWING AT THE MARKS SHOWN

TIP RIB-1/4 SHEET

1/64 PLY SKINS OVER
FOAM WING PANELS

1/4x2-PLYWOOD SPAR

FIBERGLASS
REINFORCING TAPE

ROOT RIB TEMPLATE

WITH TRANSMITTER SET AT NEUTRAL,
RIG ELEVONS 1/4" TRAILING EDGE UP

EVANS X-HINGE

1/4x3/4 T.E. DOUBLER

HARD Balsa INSERTS
(VERTICAL GRAIN)

1/16 PLY DOUBLER

3/4x4-ELEVON

1/8 DIA STEEL
TORQUE ROD,
RUNNING IN 1/8 I.D. BRASS TUBE

1/8" ROD OUTER TUBES
EPOXIED TO TRAY

1/4 DIA STEEL ROD

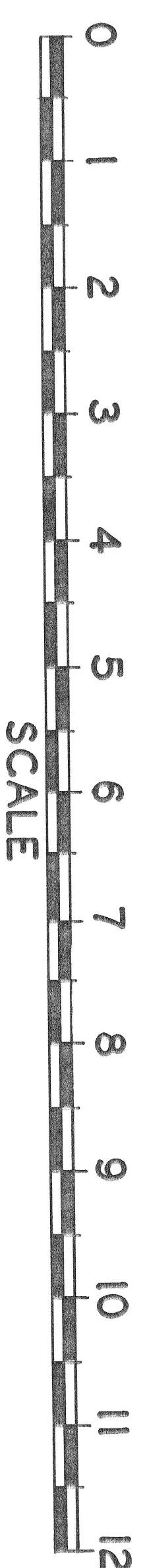
③ 1/4 PLY

⑥ 1/4 PLY

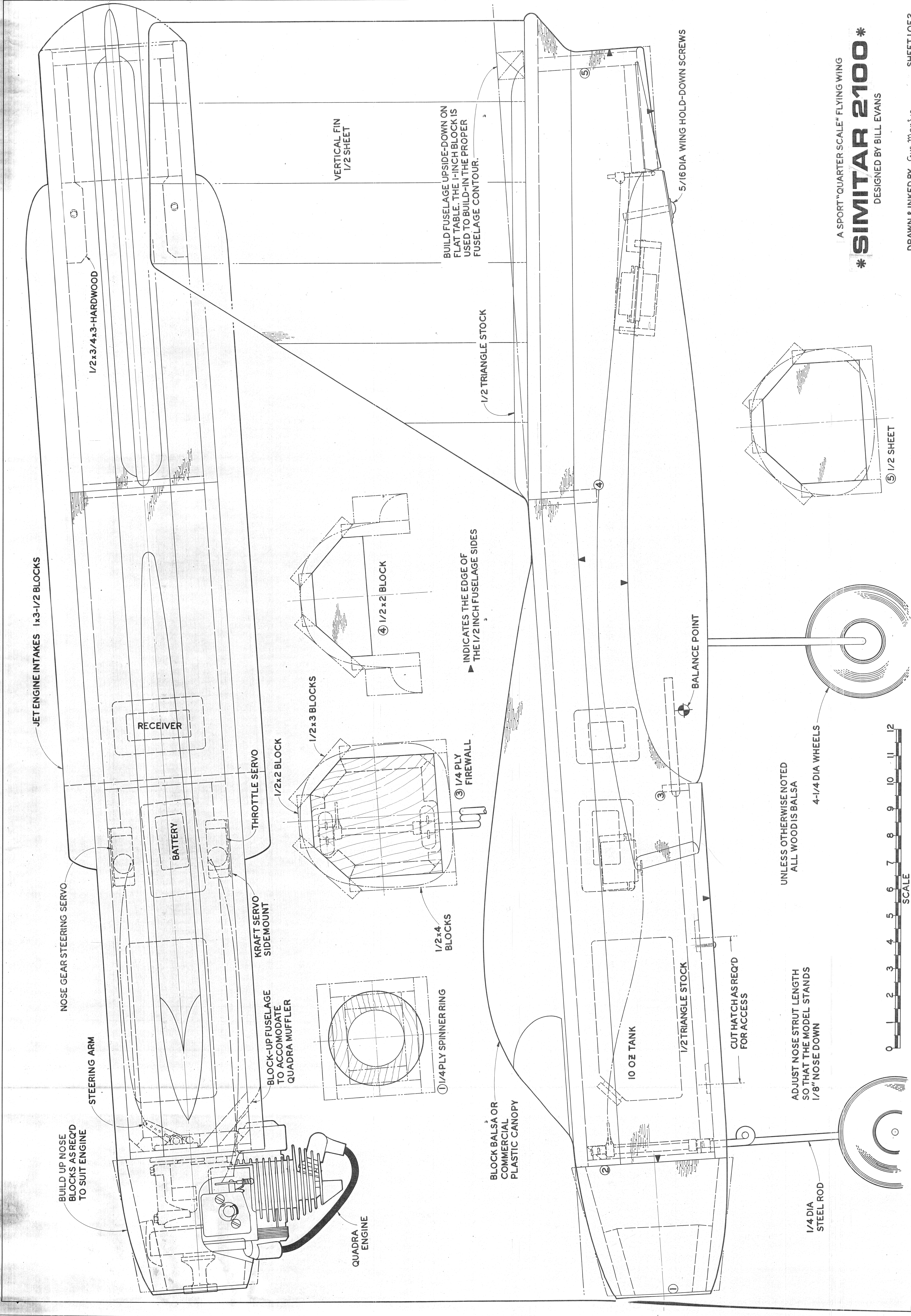
⑦ 1/8 PLY

⑧ 1/4 PLY

SIMITAR 2100



SCALE



A SPORT "QUARTER SCALE" FLYING WING
SIMITAR 2100
DESIGNED BY BILL EVANS