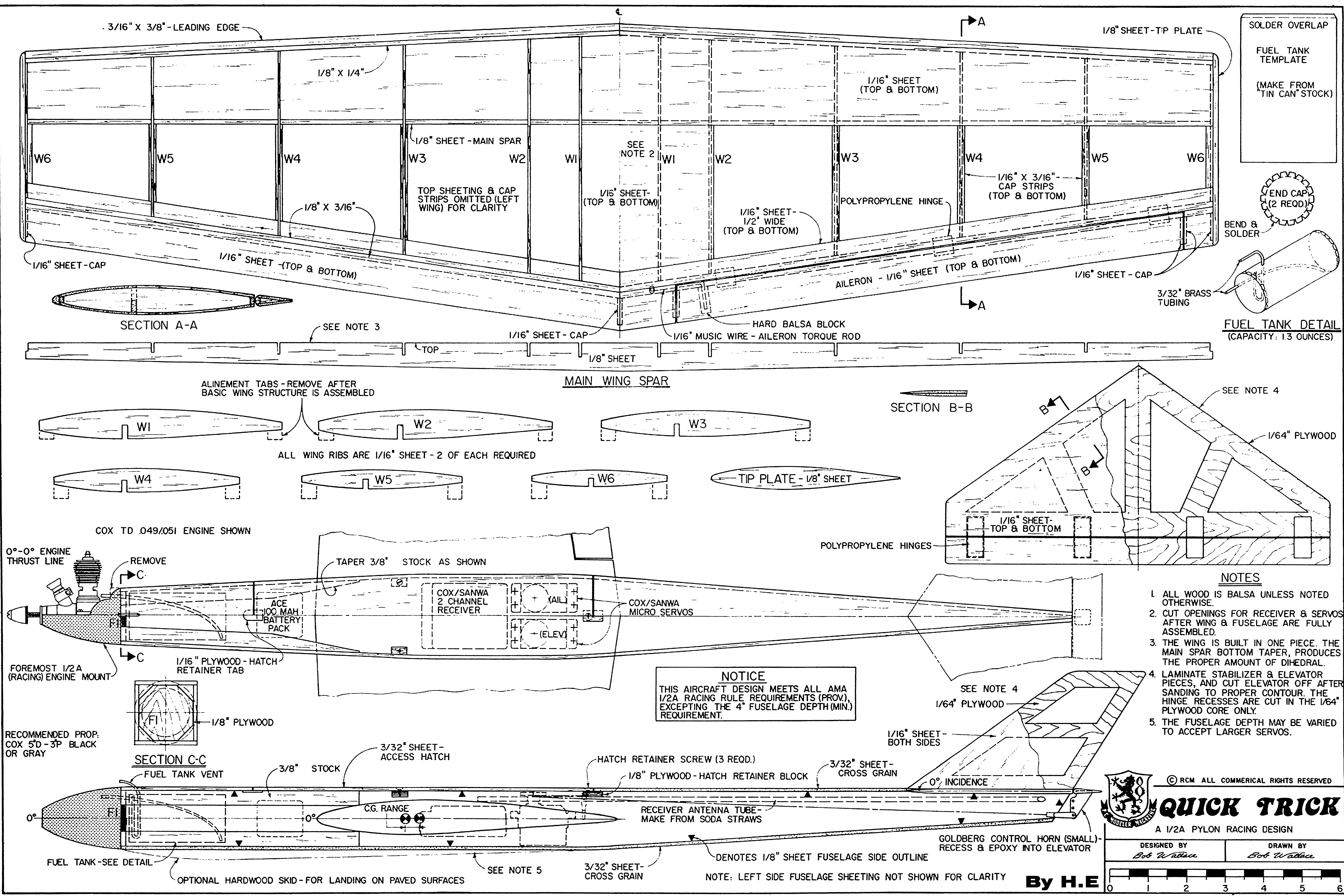




.3/16" X 3/8"-LEADING EDGE

1/8" X 1/4"

1/8" SHEET-TIP PLATE

SOLDER OVERLAP
FUEL TANK
TEMPLATE
(MAKE FROM
"TIN CAN" STOCK)

W6

W5

W4

1/8" SHEET - MAIN SPAR

W3

W2

W1

SEE NOTE 2

W1

W2

W3

W4

W5

W6

TOP SHEETING & CAP
STRIPS OMITTED (LEFT
WING) FOR CLARITY

1/16" SHEET-
(TOP & BOTTOM)

1/16" SHEET-
1/2" WIDE
(TOP & BOTTOM)

POLYPROPYLENE HINGE

1/16" X 3/16"-
CAP STRIPS
(TOP & BOTTOM)

END CAP
(2 REQD.)

BEND &
SOLDER

1/16" SHEET - CAP

1/16" SHEET (TOP & BOTTOM)

AILERON - 1/16" SHEET (TOP & BOTTOM)

1/16" SHEET - CAP

3/32" BRASS
TUBING

FUEL TANK DETAIL
(CAPACITY: 1.3 OUNCES)

SECTION A-A

SEE NOTE 3

1/16" SHEET - CAP

1/8" SHEET

HARD Balsa BLOCK

1/16" MUSIC WIRE - AILERON TORQUE ROD

MAIN WING SPAR

ALINEMENT TABS - REMOVE AFTER
BASIC WING STRUCTURE IS ASSEMBLED

W1

W2

W3

ALL WING RIBS ARE 1/16" SHEET - 2 OF EACH REQUIRED

W4

W5

W6

TIP PLATE - 1/8" SHEET

SECTION B-B

SEE NOTE 4

1/64" PLYWOOD

1/16" SHEET-
TOP & BOTTOM

POLYPROPYLENE HINGES

NOTES

1. ALL WOOD IS Balsa UNLESS NOTED OTHERWISE.
2. CUT OPENINGS FOR RECEIVER & SERVOS AFTER WING & FUSELAGE ARE FULLY ASSEMBLED.
3. THE WING IS BUILT IN ONE PIECE. THE MAIN SPAR BOTTOM TAPER, PRODUCES THE PROPER AMOUNT OF DIHEDRAL.
4. LAMINATE STABILIZER & ELEVATOR PIECES, AND CUT ELEVATOR OFF AFTER SANDING TO PROPER CONTOUR. THE HINGE RECESSES ARE CUT IN THE 1/64" PLYWOOD CORE ONLY.
5. THE FUSELAGE DEPTH MAY BE VARIED TO ACCEPT LARGER SERVOS.

COX TD 049/051 ENGINE SHOWN

0°-0° ENGINE
THRUST LINE

REMOVE

TAPER 3/8" STOCK AS SHOWN

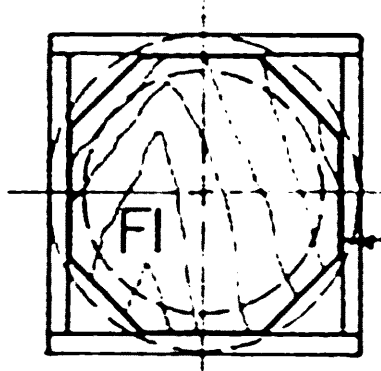
ACE
100 MAH
BATTERY
PACK

COX/SANWA
2 CHANNEL
RECEIVER

COX/SANWA
MICRO SERVOS

FOREMOST 1/2A
(RACING) ENGINE MOUNT

1/16" PLYWOOD - HATCH
RETAINER TAB



SECTION C-C

FUEL TANK VENT

RECOMMENDED PROP.
COX 5'D-3'P BLACK
OR GRAY

1/8" PLYWOOD

3/32" SHEET -
ACCESS HATCH

3/8" STOCK

HATCH RETAINER SCREW (3 REQD.)

1/8" PLYWOOD - HATCH RETAINER BLOCK

3/32" SHEET -
CROSS GRAIN

1/16" SHEET -
BOTH SIDES

SEE NOTE 4

1/64" PLYWOOD

0° INCIDENCE

GOLDBERG CONTROL HORN (SMALL)-
RECESS & EPOXY INTO ELEVATOR

NOTICE
THIS AIRCRAFT DESIGN MEETS ALL AMA
1/2A RACING RULE REQUIREMENTS (PROV.),
EXCEPTING THE 4" FUSELAGE DEPTH (MIN.)
REQUIREMENT.

FUEL TANK-SEE DETAIL

OPTIONAL HARDWOOD SKID - FOR LANDING ON PAVED SURFACES

SEE NOTE 5

3/32" SHEET -
CROSS GRAIN

RECEIVER ANTENNA TUBE -
MAKE FROM SODA STRAWS

NOTE: LEFT SIDE FUSELAGE SHEETING NOT SHOWN FOR CLARITY

By H.E.



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QUICK TRICK

A 1/2A PYLON RACING DESIGN

DESIGNED BY
Bob Wallace

DRAWN BY
Bob Wallace

