P.47D THUNDERBOLT

by Clive Smalley
A Stand-off scale model for
2 function R/C & 0.15cu. in. motors.

Free plan issued with Radio Control Models & Electronics, October 1981.
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Planking

1° right thrust

Fuselage crutch from ½in. × ⅛in. unless otherwise stated.

½in. × ¼in.

H1 3/32in. sht.

H2 3/32in. sht.

H3 3/32in. sht.

H4, 5 & 6 3/32in. sht.

Cut away cockpit opening after planking

N.B. Whole top front fuselage between H1 and H7 is removable for access to equipment..

Mould canopy from acetate or carve and paint black

Aerial post from scrap hardwood

F3 ⅛in. ply

All fin ribs 3/32in. sht.

T6
T7
T8
T9

⅜in. sht.

½in. × ¼in.

Soft block tip

¼in. sht. L.E.

T9 T9 T9 T9 T8 T8 T5 T5 T5 T7 T7 T6 T6

1/16in. sht skins

T5 ⅛in. sht.

Make cowl from GRP or thick sheet laminations.

F1 H1 H2 H3 H4 H5 H6 H7

⅛in. sht. keel

¼in. × ⅛in. strip

Elevator servo

+1°

F13 F12

Soft ½in. sht. hollow to clear elevator horn.

No downthrust

F2 F3 F4 F5 F6 F7 F8 F9 F10 F11

Receiver

Fuselage crutch

C G

Aileron servo

Tank

⅛in. sht. keel

Engine can be mounted at any desired angle. Use commercial motor mount. OS. Max 15 shown.

F4 ⅛in. ply

H7 3/32in. sht.

Radiator outlets from block

Plank fuselage overall with 3/32in. sheet

Glassfibre inside of nose compartments to act as fuselage doublers.

1in. block hollowed

¼in. × ⅛in. crutch

¼in. × ⅛in. wing saddles

R5 R1 R3 R7

R1 — ⅛in. sht. R2, 3, 4, 5, 6, 7 & 8 — 3/32in. sht.

R6 R2 R4 R8

1°

F13 ⅛in. sht.

⅛in. sht. mainspar

Pitot tube L.H. wing only

Pitot & guns from Ali. tube or dowel

Dummy guns both wings

⅜in. sht. L.E.

CL

R1

⅜in. sht tip blocks

R8 R7 R6 R5 R4 R3 R2

Tube & cable aileron control

3/16in. sht. spars

Scrap block for horn

Aileron servo cut-out

1 15/16in. dihedral under R8 on each panel

⅛in. sht. dihedral brace

1/16in. sht. top & bottom skins

Typical section at R6

Set ribs R1 at dihedral angle

F5 3/32in. sht.

Cut away after assembly to basic fuselage

F6 3/32in. sht.

Cut away after assembly to basic fuselage

Pack L.E. up ⅜in. at centre during construction to give washout.

DO NOT OMIT

Dihedral template

F1 ⅛in. ply

F2 3/32in. sht.

F11 F10 F7 F12 F9 F8

All 3/32in. sht.

T1
T2
T3
T4

All 3/32in. sht.

Sub-L.E. 3/32in. sht.

Tailplane spar 3/16in. sht.

NOTE! Build ailerons integral with wing and cut out after skinning in order to maintain washout.

¼in. sht. L.E.

3/32in. sht Sub-L.E.

1/16in. skins top and bottom

3/16in. sht. tips.

T4 T3 T2 T1 T1 T2 T3 T4

Soft ¼in. sht. elevators

Commercial elevator horn

H.E