Cox TD 049 on commercial mount

cowl from block

30 c.c. tank

3/32" sheet

1/8" beech dowel

1/16" sheet

scrap block

F1

F2A

F2B

acetate screen

F4

aileron servo

1/16" sheet

3/16" sheet top

woodscrew

F3A

F3B

1/16" top sheeting

1/8" sheet fin

development of windscreen

1/8" sheet sides

balsa

225 Deac

F2

balance receiver

1/16" sheet wing seat

elevator servo

F3

lamply doubler up to F1

1/16" ply backing plate

1/16" ply skid

3/32" ply

1/16" dural leaf u/c

3/32" ply u/c plate

hole for access to wing fixing screw

1/4" triangular

3/32" sheet bottom, grain transverse

1/8" sheet in-fill

1½" dia streamline wheels

1 mm. ply doubler

1/16" sheet wing seat

3/16" sheet top

1/16" ply backing plate

F1

F2A

F2B

F3A

F3B

1/2" sheet cheeks

trim W1 to this line after sanding

W1

wing ribs produced by sandwich method all from 1/16" sheet

W8

1/2" X 3/8" Le.

1/4" X 1/16" false Le.

1/8" X 1/4" spars

W2

1/16" sheet rib

W3

W4

W5

W6

W7

1/16" sheet

1/2" sheet tips

W8

no washout or dihedral

cut to clear aileron servo

W1

torque rod bearing tube

14g piano wire torque rod

1/8" ply hold -down plate

screp block

mylar hinges

1/8" sheet in-fill

CONTROL SURFACE THROWS

elevator 1/8" each way

ailerons 3/16" each way

1/8" sheet tailplane & elevator

film hinge

F3

1/4" X 1/8"

F2

F3A & F3B

F1 1/8" ply

F4

1/8" sheet

1/16 ply

F2B

F2A

developed shape

front view

6 B.A. Allen screw and locknuts

16 g. dural u/c leaf

R.M.122

OLE TIGER

by N.J. MATTINGLEY

A 31" span half-A pylon racer for .049 engines and lightweight 2 function prope.

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