

WESTLAND WHIRLWIND

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A 65" SPAN (1/8th NEAR-SCALE) MODEL FOR TWO SIMILAR
-30-40 ENGINES AND FOUR FUNCTION PROPORTIONAL

© RADIO MODELLER, 84 High Street, Teddington, Middlesex

Control throws
rudder 1 5/8" each way
elevator 3/4" " "
aileron 3/8" " "

1/4" sheet

1/8" sheet cockpit floor

dummy aerial mast
from nylon tubes

plank right through, cut
cockpit after

cannon from
1/8" beech dowels (4)

soft balsa block

Deac

1/4" dowels

1/32" ply wing seat to
plan view shape of fillets

block filler on wing

balance
range

cartridge case box and camera
housing from block

dummy rear struts from rubber tube with wire ends

1/16" ply doors

twin leg u/c's from 10g. piano wire,
form two turn spring coils; bend
top part back 90°

18g. aluminum
plate, epoxy
to front of legs

brass caps on each
leg to carry axles

hard 1/4" sq. crutch build first-
positions of formers and doublers
shown dotted

3" wheels

u/c plates 1/8" ply 2 off
(also form tank hatches)

fuselage doublers; hard 1/8" sheet
with 1/32" ply on inner face up to
dotted line

N4 4 off 1/4" ply

after fitting all formers, cut cross
pieces away to clear doublers
at F2 - F4 see shaded areas

position of
wing plate

F4

F5

F6

F7

F8

F11

1/4" sheet

leave F6-F10 solid if using tube and cable linkages

F10

F9

scrap block bullet
shaped fairing

horn

1/2" sheet tailplane
saddles cut to
clear horn

14g pushrod

T2

T1

F10

F11

1/8" ply mount
for bellcrank

1/8" ply mount
for tailwheel

linkage
access hatch

1/16" ply doors

1" wheel on 14g. leg
sewn to plate

1/8" ply
fairing
outline

mylar hinges

1/8" ply horn mount

scrap block each side

plank fuselage and nacelles
with 1/2" strips of 1/8" sheet

3" spinners

radial motor mounts

inverted motors

3/16" sheet keels

1 square 6oz. tanks (protect from u/c bolts)

1/4" ply crutch (N4)

18g mild steel angle with
6 BA nuts soldered in place

3 saddle clamps

P.K. screws

3/8" sq. beech strip
epoxy to NS1

soft block

cut to clear engines
(prototype has block
balsa cowlings)

bellcrank and cable
throttle linkages

dummy exhaust manifolds
from balsa and dowel

add soft block after
sheeting wing

position of tailwheel plate

F10

F11

starboard engine only
3° right thrust, no downthrust
port engine zero-zero

u/c plate

NS1

NS2

N4

N3

N1

N2

N3

N4

N1

N2

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N4

N1

N2

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