

WING SPAR

Top

WING SPARE from 5/32 yardstick (note 2)

FUSELAGE FORMERS

Except where noted, all formers are made of 1/8" plywood. Indicate primary grain direction.

Scale (inches)

0 1 2 3 4 5 6

CANOPY DETAIL

Slit M8, 11" Venti Canopy (cut open to 6/16")

Canopy placement: 3 5/8" forward of F3 to 3 1/8" aft of F4.

Scale (inches)

0 1 2 3 4 5 6

TORQUE ROD DETAIL

Allenrod torque rod detail (x-ray view through top surface)

Run 3/32" rod inside corrugation (used between formers 3/32" hole glued into corrugation)

Match end of allenrod to accept rod

Wing center line

WING CROSS SECTION

CG - 3/8" inches back from leading edge of wing at leading edge

Spar (thickest point) at 3/8" back from leading edge, 100% thick at root, 15% thick at tip

Scale (inches)

0 1 2 3 4 5 6

Mikoyan-Gurevich MiG-7

Russian WWII High Altitude Fighter

Scale: 1/16" = 1/4" (4mm)

Wingspan: 44.8 inches (enlarged 5%)

Length: 31.2 inches

Weight: 250 to 275 lbs.

Engine: 20 to 26 cu in.

Construction: Corrugated Plastic

4mm Fuse & Tail, 2mm Wing

Designed and Drawn by David West

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Version 1.0 7/26/00 Sheet 1 of 3

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2 mm PARTS

Scale (inches)

0 1 2 3 4 5 6

FIREWALL DOUBLER (2mm)

Glue behind Firewall for additional support. Do not cut along each inside pipe for easy forming.

Scale (inches)

0 1 2 3 4 5 6

WING CENTER DOUBLER, BOTTOM (2mm)

Glue behind Firewall for additional support. Do not cut along each inside pipe for easy forming.

Scale (inches)

0 1 2 3 4 5 6

WING CENTER DOUBLER, TOP (2mm)

Glue behind Firewall for additional support. Do not cut along each inside pipe for easy forming.

Scale (inches)

0 1 2 3 4 5 6

WING TEMPLATE (2mm)

This template is for the LEFT wing. Flip template over (text side down) for RIGHT wing outline.

Scale (inches)

0 1 2 3 4 5 6

4 mm PARTS

Scale (inches)

0 1 2 3 4 5 6

FUSELAGE (4mm)

In areas shown with thin 'green' lines, cut away bottom under line. This allows easy curving over formers. Do not cut or crease outer layer of plastic.

Scale (inches)

0 1 2 3 4 5 6

FIN (4mm)

Glue behind Firewall for additional support. Do not cut along each inside pipe for easy forming.

Scale (inches)

0 1 2 3 4 5 6

STABILIZER (4mm)

Cut away bottom under line, leaving top surface as hinge.

Scale (inches)

0 1 2 3 4 5 6

ALLEQRN (4mm)

Cut away bottom under line, leaving top surface as hinge.

Scale (inches)

0 1 2 3 4 5 6