

FUSELAGE FIBERS
 Except where noted, all fibers are 1/8" wide. Fibers are made from 1/8" wide fibers. Primary grain direction.

Scale (inches) 0 1 2 3 4 5 6

WING DIHEDRAL BRACES
 1/8" X 1/4" mid brace spacer
 1/8" X 1/4" spar
 Dihedral Braces 1/8" hard ply (1/2" long per side)
 mid aft
 mid
 aft

CANOPY DETAIL
 Canopy placement is 3/8" forward of F3 & 3/8" aft of F4.
 5/8" M8 1/4" Venti Canopy (cut down to 6.75")
 1/8" tie ply

TORQUE ROD DETAIL
 Aileron torque rod detail (x-ray view through top surface)
 Pin 3/32 rod inside corrugation
 5/32 hole glued into corrugation
 Match end of aileron to accept rod
 Wing center line

WING CROSS SECTION
 CG - 3/32 inches back from leading edge of wing at 100% span
 Spar (thickest point) at 32% back from leading edge, 10% thick at root, 5% thick at tip

Specifications:
 Mikoyan-Gurevich MiG-7
 Russian WWII High Altitude Fighter
 Scale: 1/10 (4mm enlarged 50%)
 Wingspan: 44.8 inches
 Length: 31.2 inches
 Height: 10.2 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

AFT TOP (2mm)
 Crease (don't cut) along each inside pipe for easy forming

FWD BOTTOM (2mm)
 Crease (don't cut) along each inside pipe for easy forming

WING TEMPLATE (2mm)
 This template is for the LEFT wing. Flip template over (text side down) for RIGHT wing outline.

FIREWALL DOUBLER (2mm)
 Glue behind firewall for additional support. Crease (don't cut) along each inside pipe for easy forming.

WING CENTER DOUBLER, BOTTOM (2mm)
 Crease line

WING CENTER DOUBLER, TOP (2mm)
 Make 2

Scale (inches) 0 1 2 3 4 5 6

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4 mm PARTS

FUSELAGE (4mm)
 Firewall F2 F3 F4 F5 F6
 In areas shown with thin "green" lines, cut along these lines. This allows easy curving over formers. Do not cut on crease outer layer of plastic.

FIN (4mm)
 Crease (don't cut) along each inside pipe for easy forming.

STABILIZER (4mm)
 Crease (don't cut) along each inside pipe for easy forming.

AILERON (4mm)
 Make 2

Scale (inches) 0 1 2 3 4 5 6

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