

1/2" Balsa Forward Tip Block
Cut from 1/2" x 1/2" x 6" Stick
GB40W01

1/8" x 7/8" x 36" Balsa Sup LE
GB40W03

1/4" x 1-1/4" x 36" Balsa LE
GB40W08

1/16" x 3" x 36" Balsa Sheeting
BALS045

1/8" Die-Cut ply LE Joiner
GB40F01

1/2" Balsa Forward Tip Block
Cut from 1/2" x 1/2" x 6" Stick
GB40W01

Die-Cut 1/8" Balsa Wing Tip Braces
GB40W02

1/16" x 3" x 30" Balsa Sheeting for shear webs
BALS195

1/4" x 3/8" x 36" Balsa Wing Spars
NE009

NOTE: Be sure to drill 1/16" pilot holes for your servo screws.

1/4" x 1/4" Basswood Servo Rails
Cut from 1/4" x 1/4" x 18" Basswood Stick
NE010

1/4" x 3/8" x 30" Balsa Sticks
GB40W04

1/16" x 3" x 30" Balsa Sheeting
BALS195

1/4" x 3/8" x 36" Balsa Spars
NE009

Die-Cut 1/8" Balsa Wing Tip Braces
GB40W02

WING

Build the wing upside down over the plan sheet.

1/16" x 1/4" Balsa Cap Strips on the top and bottom of all ribs
Cut from 1/16" x 1/4" x 30" Balsa Sticks
GB40W05

.074 x 12" Wire Rod
WIRE516

1/16" x 3" x 30" Balsa Sheeting
BALS195

1/8" x 3/8" x 36" Balsa Wing TE
GB40W06

1/16" x 7/8" x 36" Balsa TE Sheeting
GB40W05

1/16" x 1/4" Balsa Cap Strips on the top and bottom of all ribs
Cut from 1/16" x 1/4" x 30" Balsa Sticks
GB40W05

Die-Cut 1/8" Balsa Elevator Tips
12-Piece
GB40W02

Blend the tips to match the ailerons.

Die-Cut 1/8" Balsa Aft Tip Blocks
Give to the top and bottom of the wing tip
GB40W02

1/4" x 3/8" Balsa Gusset
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

AILERON

Die-Cut 1/8" Balsa Aileron Tips
12-Piece
GB40W02

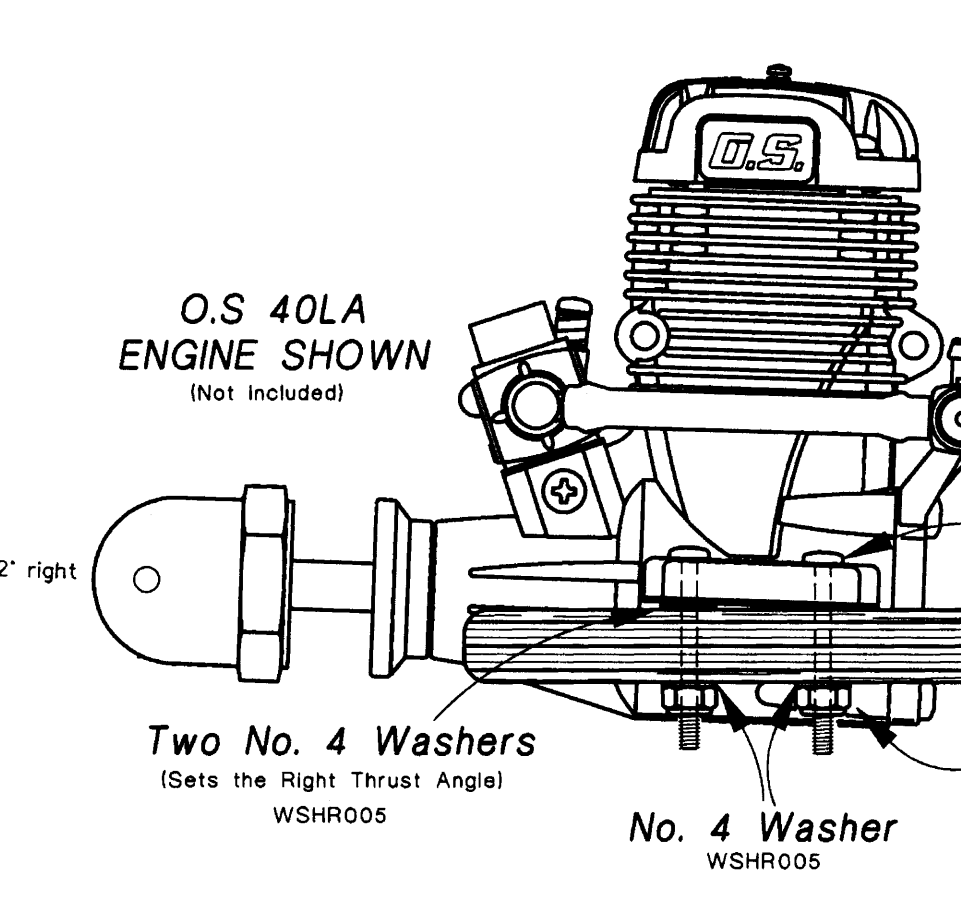
1/8" x 1/4" Balsa Diagonal Brace
Cut from 1/8" x 1/4" x 30" Balsa Sticks
NE020

2-56 x 1/2" Machine Screws
SCRW065

AILERON

1/4" x 3/8" Balsa Gusset
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

Die-Cut 1/8" Balsa Elevator Tips
12-Piece
GB40W02



FUSELAGE TOP VIEW

4-40 x 1" Screw
SCRW003

Two No. 4 Washers
WAS005

No. 4 Washer
WAS005

Die-Cut 1/8" Ply Nose
12-Piece
GB40F01

1/4" x 3/8" Balsa Fuselage Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

1/16" x 3" x 36" Balsa Sheeting
BALS045

1/4" x 1/4" Balsa Interior Frame
Cut from 1/4" x 1/4" x 30" Balsa Sticks
GB40F04

1/8" Die-Cut Balsa Canopy Frame
12-Piece
GB40W01

1/4" x 3/8" Balsa Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

1/8" x 1/4" Balsa Diagonal Brace
Cut from 1/8" x 1/4" x 30" Balsa Sticks
NE020

Die-Cut 1/8" Balsa Rudder TE Parts
12-Piece
GB40W01

Great Planes Spinner Nut
10PMD6330 - Not Included

1/16" Ply Engine Rails
GB40F02

Cupboard Hooks
SUYER1
SCRW112

No. 64 Rubber Bands
RUBB3 - Not Included

1/4" x 3/8" Balsa Interior Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

1/4" x 1/4" Balsa Interior Frame
Cut from 1/4" x 1/4" x 30" Balsa Sticks
GB40F04

2-56 x 1/2" Machine Screws
SCRW065

1/4" x 3/8" Balsa Interior Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

Die-Cut 1/8" Ply Guide Plates
12-Piece
GB40F01

1/4" x 3/8" Balsa Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

1/4" Balsa Stub LE Joiner
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40F03

1/4" x 3/8" Balsa Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

Great Planes 6oz Tank
10PMD4102 - Not Included

Use epoxy to glue the two plywood halves together. As the glue cures, twist out any warps.

0° Wing Incidence

1/4" x 3/8" Balsa Interior Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

FUSELAGE

Sheeting detail removed for clarity.

1/4" x 1/4" Balsa Interior Frame
Cut from 1/4" x 1/4" x 30" Balsa Sticks
GB40F04

CAUTION!
The 1/16" balsa Sheeting is easily cracked. Take extra care when handling.

2-56 x 1/2" Machine Screws
SCRW065

1/4" x 3/8" Balsa Interior Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

Die-Cut 1/8" Ply Guide Plates
12-Piece
GB40F01

1/4" x 3/8" Balsa Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

1/8" x 1/4" Balsa Diagonal Brace
Cut from 1/8" x 1/4" x 30" Balsa Sticks
NE020

Die-Cut 1/8" Ply Fuselage Body
12-Piece
GB40F01

6-32 x 3/4" Bolt
SCRW033

6-32 Lock Nut
NUT504

Nylon Faslink Connector
NYLON91

8-32 x 1-1/4" Socket Head Cap Screw
SCRW080

8-32 Hex Nuts
NUT504

1/8" Die-Cut Ply Guide Plates
12-Piece
GB40F01

1/8" Elevator Joiner Wire
WBNT145

1/4" x 3/8" Balsa Elevator Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

Die-Cut 1/8" Ply Elevator Tip
12-Piece
GB40W02

1/4" x 3/8" Balsa Elevator Ribs
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40F04

1/8" x 1/4" Balsa Diagonal Brace
Cut from 1/8" x 1/4" x 30" Balsa Sticks
NE020

2-1/2" Wheel
10PMD4223 - Not Included

Aluminum Landing Gear
NELO01

Balance Range

(Front View)

(Front View)

1/4" x 1/4" Balsa Elevator Ribs
Cut from 1/4" x 1/4" x 30" Balsa Sticks
GB40F04

ELEVATORS

1/8" Die-Cut Ply Guide Plates
12-Piece
GB40F01

1/8" Elevator Joiner Wire
WBNT145

1/4" x 3/8" Balsa Elevator Frame
Cut from 1/4" x 3/8" x 30" Balsa Sticks
GB40W04

Die-Cut 1/8" Ply Elevator Tip
12-Piece
GB40W02

1/8" x 1/4" Balsa Diagonal Brace
Cut from 1/8" x 1/4" x 30" Balsa Sticks
NE020

PLAN NO: GB40P01

Kit Design and Plans by: Greg Duitsman
Instructions by: Mark Hampe

QUESTIONS??
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