



## Classic Aero

### SIKORSKY S-38 MODEL 1/12 S-38 Kit Material List

#### Strip Wood

##### Wing Top

2-1/4 sq.x36	leading edge balsa wood
1-1/4 sqx24	wing joiner
4-3/16 sq.x36	front spars bass wood
4-1/8 sq.x36	rear spars
2-1/8 sqx36	rear spars center section top wing
2-1/32 x1/2x36	rear trailing edge ply.

#### Lower wing

1-1/8 sq.x36	leading edge balsa
2- 1/8 sq.x36	front & rear spars bass.
1-1/32x1/4x36	rear trailing edge balsa
1-1/16x1/8x36	rear lower spare bass

#### Stabilizer

##### Laser cut

##### Built up

1-1/32x1/2x19  
2-1/8x1/4x36  
2-3/32x1/4x36  
2-1/16x1/8x36  
2-1/8x1/4 sqx36

#### Laser cut or built up

##### 3/16 sheet

##### Special order

rear curved back shaped balsa  
leading edge balsa  
rear top & bottom crutch balsa  
top bottom rear balsa on rear of ribs  
elevator leading edge balsa

#### Elevators

##### Laser cut

1-1/4 sq.x36

##### 3/16 sheet

leading edge sand bevel to match rib height before gluing to crutch

#### Rudders

##### Laser cut

##### Rudders

##### Built up

2-1/8x3/32x36  
2-1/32x5/32x36  
1-1/8 sqx36

#### Laser cut or built up

##### Fin 3/16 sheet

##### 1/32 ply core and 3/32 sides

##### Special orders

leading edge balsa  
top bottom plates cut from 1/32x4 sheet  
fin leading edge

#### Booms

8-1/16x3/16x36

#### center 1/8 light ply laser cut

boom sides

## Classic Aero's 1/12 Scale Sikorsky S-38 Material List

4-1/16x3/8x36

boom top & bottom

### Sheet wood

1-1/32x4x36

wings cap strip cut into 1/8 strips

1-1/32x4x36

lower wing leading edge sheeting cut to fit

1-1/16x4x36

wing leading edge sheeting cut to fit

### Plastic Trim

2-UFS-6 3/16

U- channel top hatch rails

10-#243

half round trim fues, & floats

1-#294

1/8 angle door sill window garage

1-#136-.125

hatch tops

1-#133-.060

hatch bottoms

1-#236x3/8x2"

tubing mast center tube revised now vacuum

formed

1- .010 6x8 aprox  
pattern.

fuse. bracket mounting plate use metal drawing for

1-.015 6x8 aprox

hatch cover sliding front top.

3- #TFS-4

T section top hatch support

### Metal package

1-1/2 alumn tube

mast center strut and front fues top strut .

1-package 1/8 alumn tube

front and rear float struts

5-5/16 K&S tubing

airfoil wing strut tubing

2-1/4 K&S tubing

rear top bracing and rear V-strut

1- .025 alumn.

tail wheel frame sport scale

1- .025 alumn

rear V-strut bracket mount in front of the tail wheel frame

1-#100SCF&21

door handle set front hatch & cabin interior door

2-.025x1-in alum.

L-brackets lower wing mounting

2 3/32x 9 brass tubing

rear V-struts tap for 1/64 clevis

4 3/32x 1-3/4 brass tube

nacelle center struts tap for 1/64 clevis

6-1/64 clevises brass

adjustable strut ends, nacelle center, rear V strut

56- 080 x1/4 bolts

#HBB0004 Strut attachment ends

12-#0 x3/16 screws

#SMFP0003B Attach plastic parts

2-80 hex nuts 1/8x.047

#HNSS0080 secure rear strut ends

1/16x1/2 alumn. Tube

glue to cross bracing ends

3/32x1/2 alumn. tube

flatten one end and bend, glue other end after inserting the  
1/16 x1/2 tube. SEE SAMPLE!

1-1/8x18 alumn tube

Cut to the right length

3 .032 wirer

#501- mast cross wire bracing & rudder push rods

Cable 6 ft.

elevator controls, cross bracing

4-2/56 rigging couplers

boom cable guides cross bracing trim to fit

1-1/4x12 x025

metal brackets *cut to make the parts*

1-5/16x12x025

metal brackets

## Classic Aero's 1/12 Scale Sikorsky S-38 Material List

1-1/2x12x025 metal brackets  
1- 4/40x12 threaded rod mast support to nacelles  
2-4/40 locking nuts nacelle inboard NS side for all thread

### Vacuum form parts

1- front top V-2 030 vivac clear  
1- canopy V-3 030 vivac clear  
1- rear top V-4 030 vivac clear  
4- nacelle top 7 bottom V-5 030 white or black  
1- nacelle top V-5 030 vivac clear use for template cut to fit  
2- nacelle rear V-6 030 vivac trim to fit  
1- mast right & left V-7 030 white trim to fit  
2-engine cowl V-8 030 white trim openings  
4- exhaust rings V-9 030 white or black outer parts  
2- exhaust rings V-9 030 black split for inside tabs  
2- engine hubs V-10 030 white or black mount cylinders  
2- float bottoms V-12 030 white or black  
2- float tops V-13 -3- white or black, trim to fit

### Misc. Parts

Sig CA hinges light hinges, ailerons, rudder , elevator

### Interior parts

1-sheet interior plans 1/12 scale interior detail sheet  
1-set mahogany parts 010 laser cut parts  
1-set 1/32 ply wood parts laser cut , consul, foot pedals, dash, misc parts seat legs  
1-sheet 015 plastic laser cut window frames, misc. detail parts.  
2 cockpit seats V-14 030 white  
2 wicker seats V-15 white  
1 sliding hatch V-16 vivac clear  
2- 3/16x14 rails sliding hatch rails  
1- sheet 1/8 light ply wicker seat legs  
1-sheet wicker paper computer printed wicker pattern  
1 package plastic misc plastic trim details

### Interior package

**Total \$125.00**

### Paint interior- *not supplied*

Sikorsky grey, cockpit, side floor, Console, brake pedals. - Ace hardware # 19717 light grey **enamel only**

Balsa & ply window sills & misc. parts - Krylon primer #1317 ruby brown to match mahogany