

Blandford Bill of Material

10/29/2017

Part 1 and Part 2

Build Board 1:32

Top: 1'-1-5/8" x 8-15/16" x 1/4" (1'-1-5/8" is also 13-5/8")

Bottom: 1'-1-5/8" x 8-15/16" x 3/4" (1'-1-5/8" is also 13-5/8")

Supports: 3/4" x 3/4" x (4) 3-15/16" (4 req'd) **reduced height of board**

Support Gussets: 3/4" x 3/4" (4 req'd)

Build Board 1:48

Top: 8-11/16" x 5-3/4" x 3/16"

Bottom: 8-11/16" x 5-3/4" x 1/2"

Supports: 1/2" x 1/2" x 2-9/16" (4 req'd)

Support Gussets: 1/2" x 1/2" (4 req'd)

Keel Assembly 1:32

False keel: 3/8" x 3/32" x 8"

Keel: 3/8" x 9/16" 5/8" x 8" (Trim top per drawing as req'd) **increased height of keel**

Brass Tubing: 3/32" Diameter x 9/16" long (2 req'd)

Keel Assembly 1:48

False keel: 1/4" x 1/16" x 5-5/16"

Keel: 1/4" x 9/16" x 5-5/16" (Trim top per drawing as req'd)

Brass Tubing: 3/32" Diameter x 9/16" long (2 req'd)

Part 1 Recommended Timber

Build Board: Top Plywood or Masonite

Bottom: Plywood or Particleboard

Supports: Pine, Spruce or Fir

Gussets: Particleboard, Pine, Spruce or Fir

Keel Assembly

False Keel: Walnut, Rosewood or other dark colored hardwood
Keel Boxwood, Maple, Cherry, European Beechwood or poplar
Pins Brass Tubing

Note:

If you are only using hand tools I would recommend Basswood for the Model. It is easy to work and can be painted or stained assorted colors.

Part 2

Frames

Frames 1:32: 18 pieces 3"x12"x1/4" wood (same species that you are using for all the framing) Length can be combined for ordering.
1 package of 20-gauge brass wire (for bolts)

Frames 1:48 18 pieces 2"x8"x3/16" wood (same species that you are using for all the framing) Length can be combined for ordering.
1 package of 22-gauge brass wire (for bolts)