

SAILRITE KITS SAIL PLAN

Scale = $1/2":12"$
 $1/4":12"$
 $3/8":12"$

Boat FIREBALL

Sail SPINNAKER

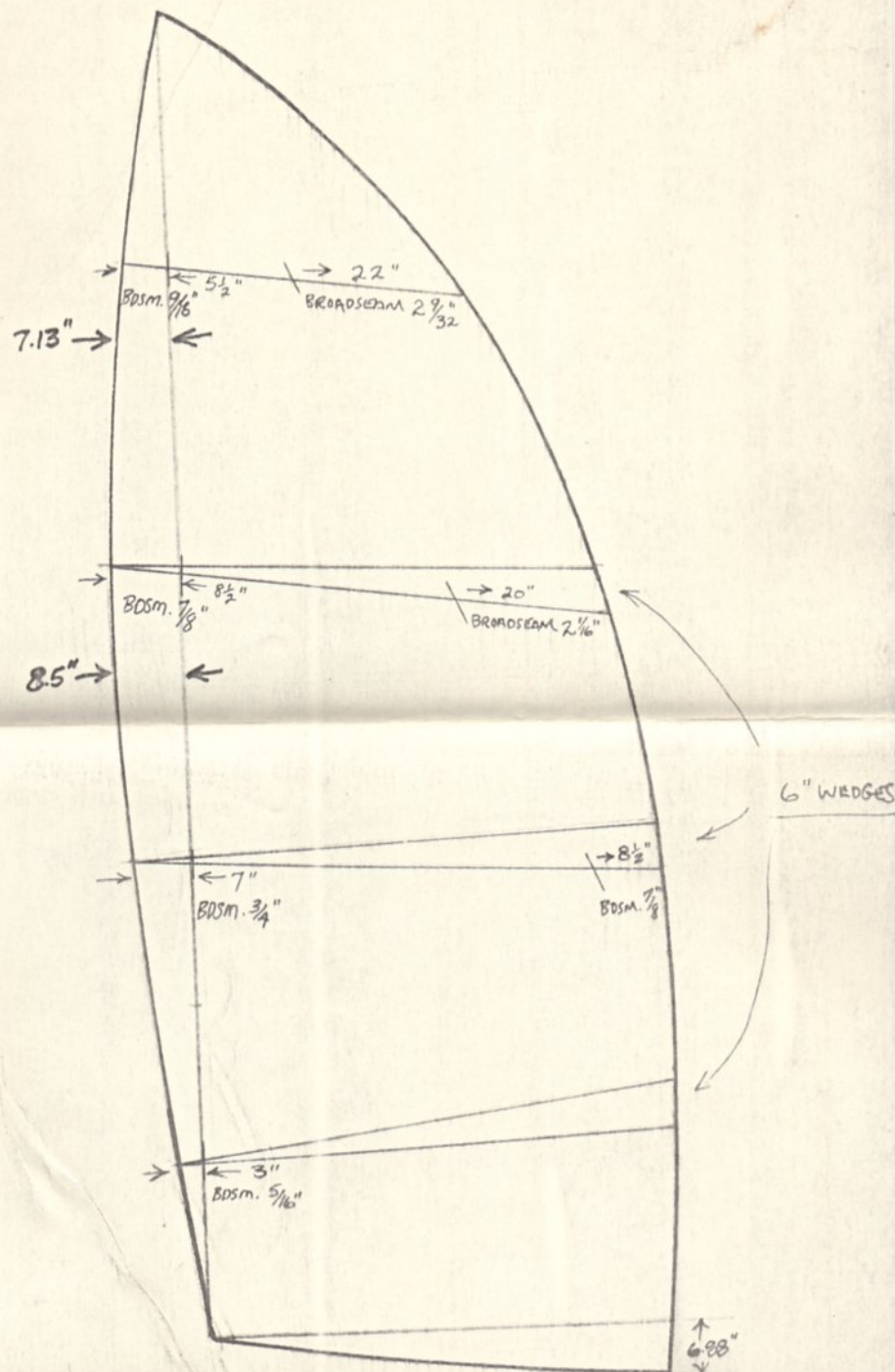
KIT S-1910

STAY
 Luff Length 14' 3.24"
 Foot Length 9' 10"
 Headboard Width
 Leech Length
 Leech Hollow or Roach
 Draft Allowance (Luff Round)
 Sag Expected
 Expected Spar Bend
 Foot Hollow or Round
 Leech Line
 Boltrope Type
 Cloth

HALF WIDTH = 47" →

HALF WIDTH = 65" →

HALF WIDTH = 66 1/2" →



SAILRITE KITS
SAIL PLAN

Scale = $\frac{1/2":12"}{1/4":12"}{3/8":12"}$

Boat Fireball
Sail Jib sail

Luff Length 14'2"

Foot Length 5'5"

Headboard Width

Leech Length 13'3 1/2"

Leech Hollow or Roach 2"

Draft Allowance (Luff Round) 2%

Sag Expected 1 1/2"

Expected Spar Bend

Foot Hollow or Round 3 1/2"

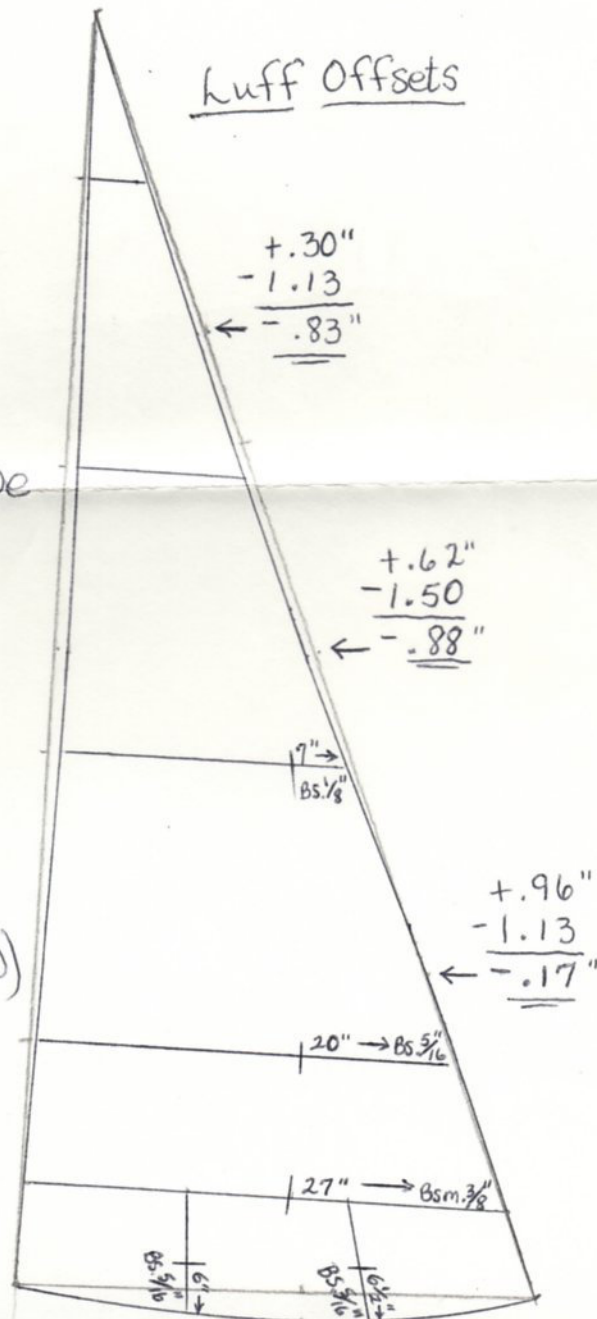
Leech Line

Boltrope Type Prestretched Dacron

Cloth ~~D~~acron-Soft

Packing List

- 6 yds. - 5 oz. Bermuda
- 1 oz. - V-69 Thread
- 1 roll - 1/4" Seamstik
- 1 - "A" Bag
- 7 - Sm. Holt Allen Sail Hanks
- 16 ft. - 3/16" Prestretched Dac Rope
- 2 - 7/8" Brass Rings
- 2 - 3/16" S.S. Thimbles
- 16 ft. - 3" Dacron tape
- 1 ft² - Leather
- 2 tubes - Prewaxed Sail Twine
- 1 - #16 Hand needle
- 1 - Jiffy grommet
- 1 ft. - Plasti-pane (for window)



SAILRITE KITS
SAIL PLAN

Boat *Fireball*
Sail *Mainsail*
KIT M-152+1

Scale = $\frac{1}{2}":12"$
 $\frac{1}{4}":12"$
 $\frac{3}{8}":12"$

Luff Length *18'9"*
Foot Length *9'4"* (Maximum *we should allow 2" for outhaul travel*)
Headboard Width *6"*
Leech Length *20'9"* (to headboard top at luff)
Leech Hollow or Roach *See Girth limits on plan*
Draft Allowance (Luff Round) *2.4%*

~~Sag-Expected~~

Expected Spar Bend *Estimates shown on plan*
Foot Hollow or Round *Assume a standard (not shelf) foot construction*
Leech Line *None*
Boltrope Type *Dacron*
Cloth *Medium*

Maximum $\frac{3}{4}$
Girth *3'10"*

Maximum $\frac{1}{2}$ Girth
6'5"

Maximum Girth $\frac{1}{4}$ point
8'2 $\frac{1}{3}$ "

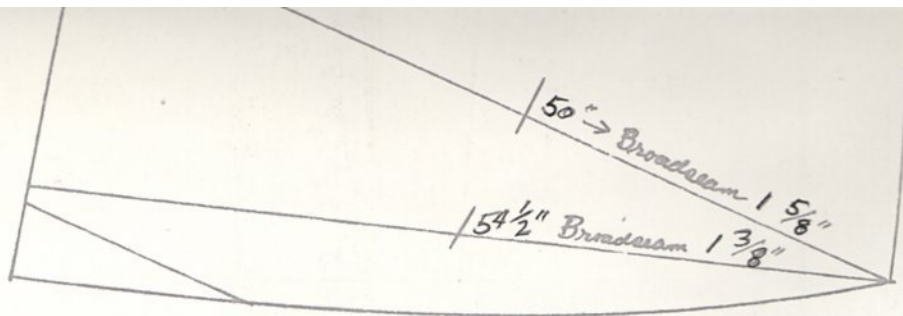


Luff Offsets

$+1.10"$
 $\frac{1.72 \text{ bend}}{+2.82"} =$

$+1.80"$
 $\frac{3.11 \text{ bend}}{+3.80"} =$

$+2.33"$
 $\frac{1.72 \text{ bend}}{+4.05"} =$



Fireball Mainsail Packing List

- 16 yards. 4.0 oz Dacron Sailcloth
- 2 oz. V-46 polyester thread
- 3 oz Silicone adhesive
- 2 tubes prewaxed sailtwine
- 30 ft 5/16" Dacron Boltrope
- 2 Jiffy Trimmets (for tack and clew)
and rivets
- 54" Aluminum Headboard (place long edge adjacent to the
right angle at the top of the sail)
- 1- # 16 needle
- Mainsail Manual
- 15" batten gasket elastic 1"
- 1 - SB-C Bag