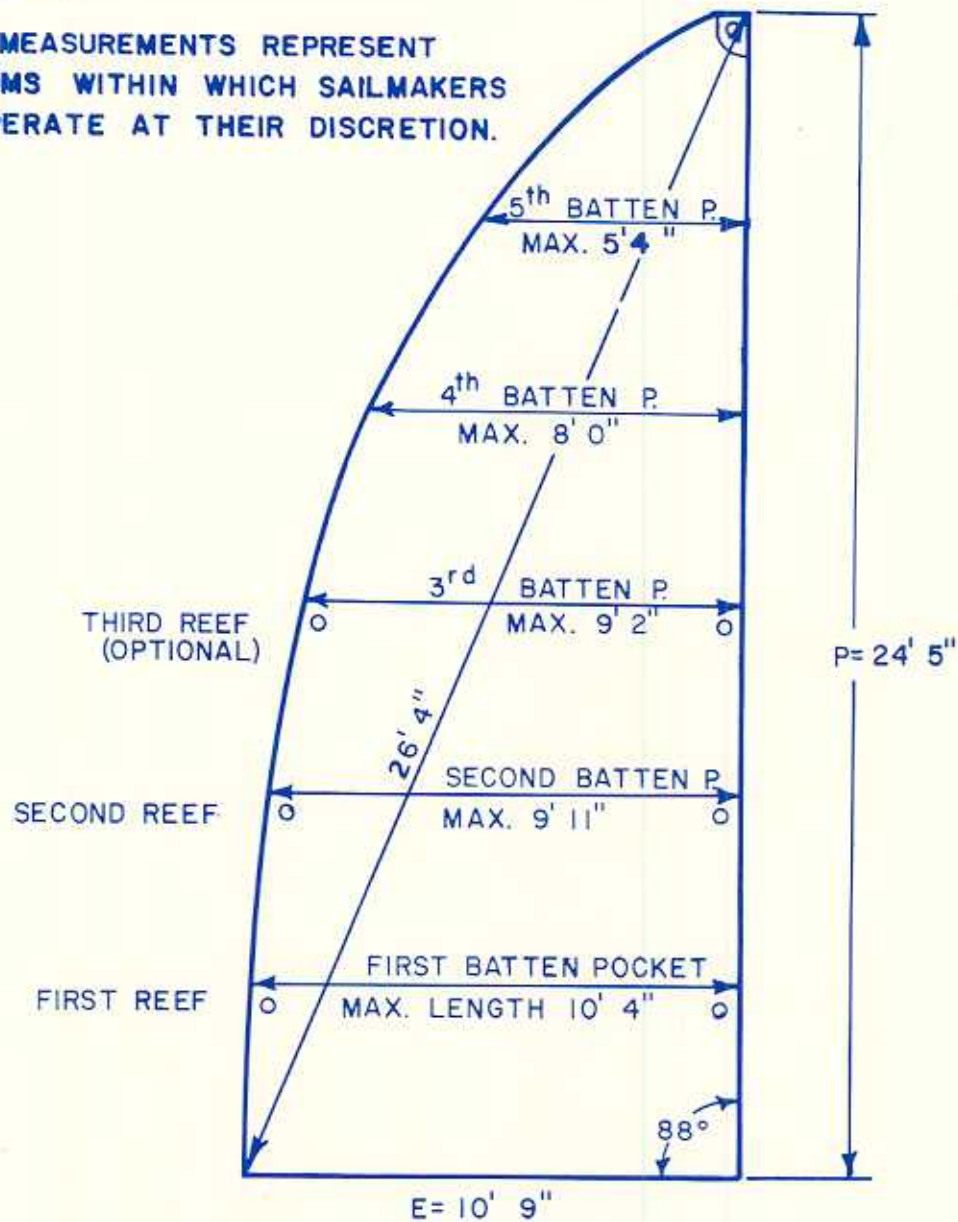


# FREEDOM ★ 21

## CLASS SPECIFICATIONS:

### MAINSAIL

THESE MEASUREMENTS REPRESENT  
MAXIMUMS WITHIN WHICH SAILMAKERS  
CAN OPERATE AT THEIR DISCRETION.



- MINIMUM CLOTH WEIGHT IS 5 OZ.
- THERE MUST BE FIVE FULL LENGTH BATTENS
- ALL BATTENS MUST BE PARALLEL TO FOOT
- BATTENS NOT TO EXTEND MORE THAN 3" BEYOND LEECH

# FREEDOM ★ 21

## CLASS SPECIFICATIONS:

### STAYSAIL

4 OZ DACRON

105 SQ FEET

LP = 10.6'

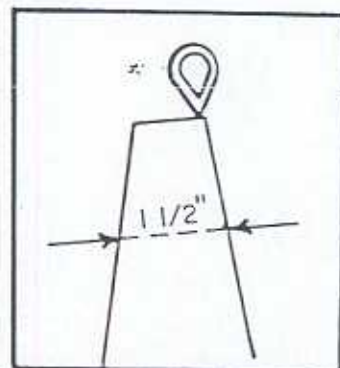
P = 59" (4.9)

### "BLADE" STAYSAIL

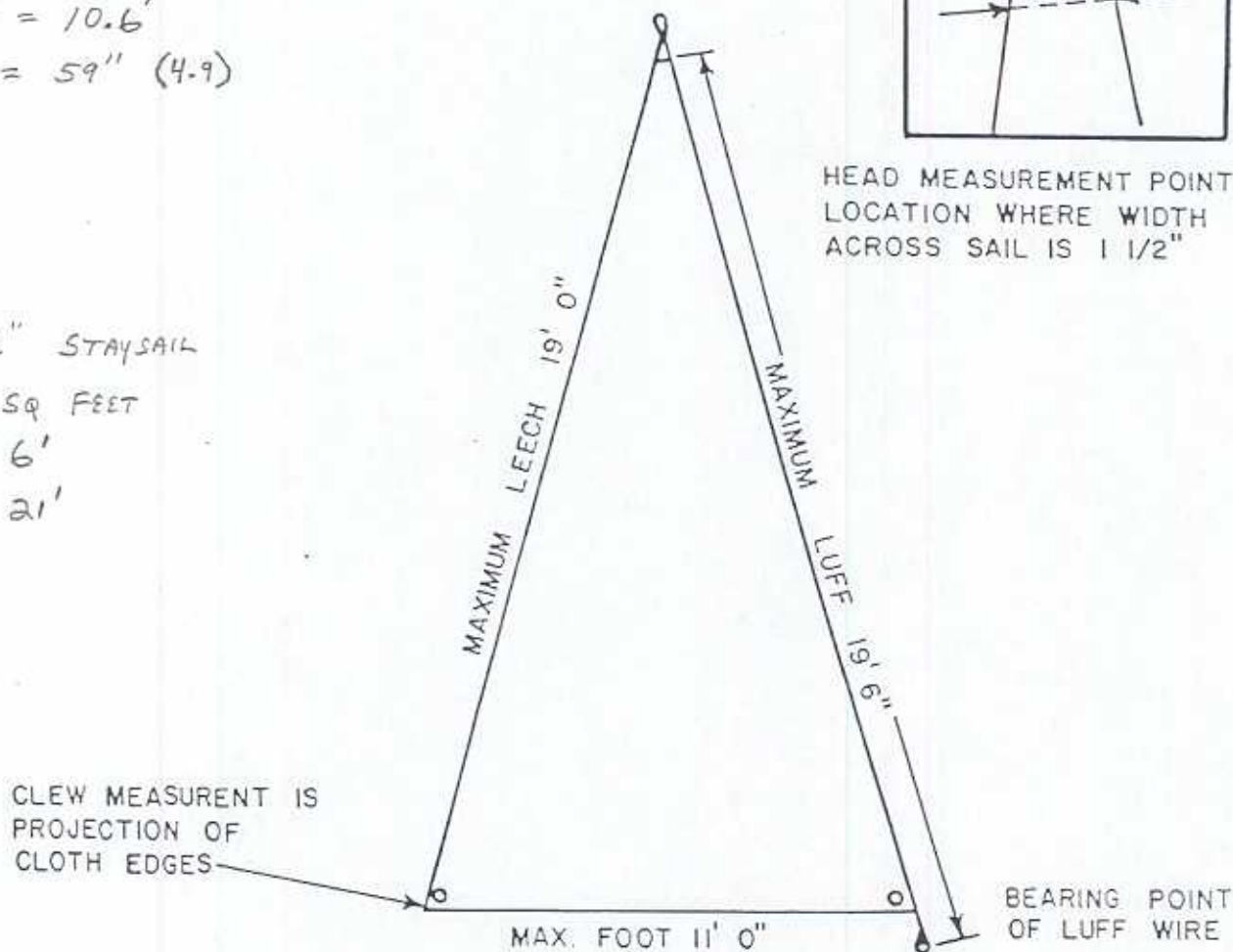
63 SQ FEET

LP 6'

LUFF 21'



HEAD MEASUREMENT POINT IS LOCATION WHERE WIDTH ACROSS SAIL IS 1 1/2"

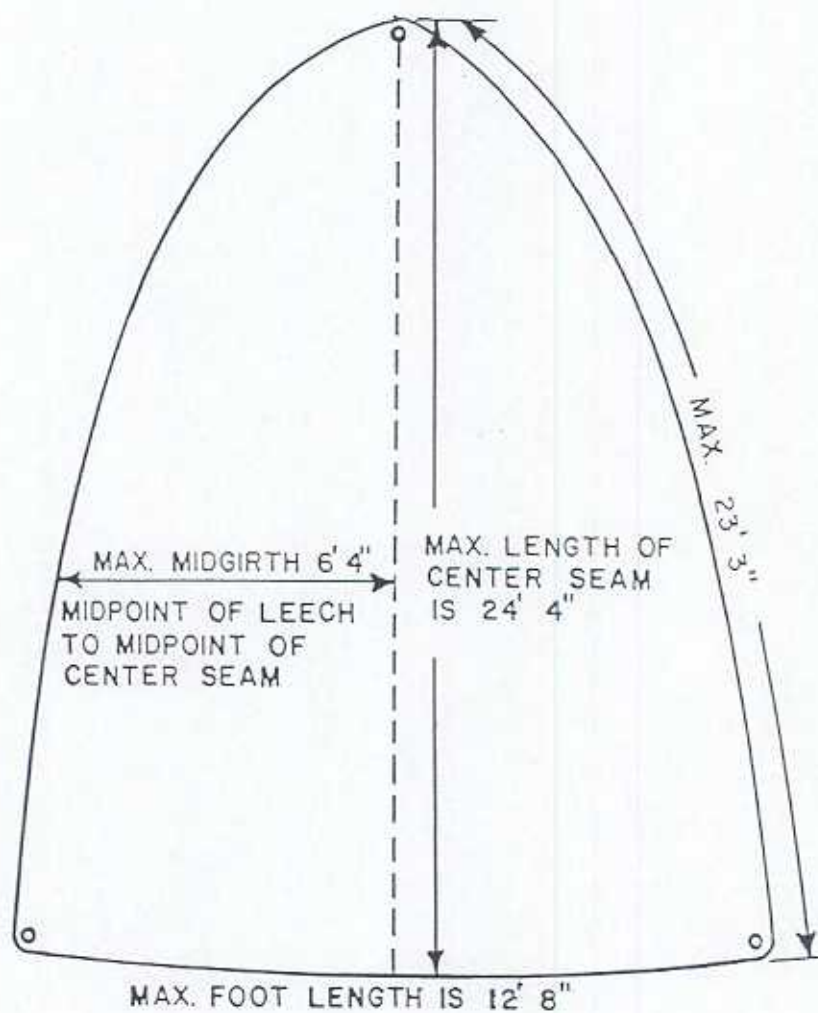


- MINIMUM STAYSAIL CLOTH WEIGHT IS 1.5 OZ.
- STAYSAIL MUST BE TACKED TO GUNMOUNT SLEEVE TO WINDWARD— AND SHEETED THROUGH DECK CLEAT OR AFT STANCHION BASE
- STAYSAIL MAY BE TACKED TO YARD FOR REACHING
- GIRTHS MUST BE PROPORTIONAL—MID GIRTH NOT MORE THAN 1/2 FOOT LENGTH, QUARTER GIRTH NOT MORE THAN 1/4 LENGTH

# FREEDOM ★ 21

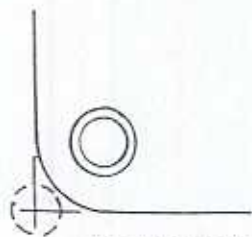
CLASS SPECIFICATIONS:

## SPINNAKER



•SPINNAKER TO BE SYMMETRICAL ABOUT CENTER SEAM

•MINIMUM CLOTH WEIGHT IS 3/4 OZ. NYLON



MEASUREMENT POINT AT CORNERS ABC

27 September 1983

Freedom 21

Sail Plan Specifications

A) Main Sail

- 1) Area of Triangle = 131 sq. ft.
- 2) P = 24' 5"
- 3) E = 10' 9"
- 4) Luff Slides (after Hull #10) 5/8" Aquabatten #A007 Flat Internal or Howe & Brainbridge #H228200 3/4" Universal\*
- 5) Foot Slugs 1/2" Rd. or Bolt Rope
- 6) Tack Cut Backs, Cut Ups, and Reef Cut Backs per Dwg. F-21-50301
- 7) There is no outhaul car. Sail should have heavy duty clew slug slide.

B) Spinnaker

- 1) Pole Length 12' 0"
- 2) Pole pivots parallel to waterline 5' 4" forward of mast face.

\*NOTE: Do not use Howe & Brainbridge #H228000 5/8" Internal Flat Slides.  
All Sails to be fully battened with two reef points.