

Barrilete

Cometa "APAREJO" de Marconi:

<http://www.lokaku.com/marconi/>

Cito: (J.Miguel Suay):

" *Estimados amigos:*

La cometa aparejo marconi, es una cometa que a veces se confunde con la cometa que empleó G. Marconi para elevar una antena en su primera transmisión de radio transatlántica desde Poldhu en Cornwall (Inglaterra) a San Juan de Terranova en 1901, la cometa empeada era una Levitor:

Esta cometa fue diseñada por el hermano del fundador de los boy scout Robert Baden-Powell que se llamaba Baden F.S. Powell, sobre él podéis leer:

<http://www.scouting.milestones.btinternet.co.uk/airscouts.htm>

Pero, la cometa aparejo de marconi, es otra cosa, tiene el siguiente aspecto:



Fue introducida por Mack Angas en 1940, en un artículo publicado en la revista Popular Science Monthly, y nada tiene que ver con el inventor italiano, sino con el nombre que se da a ciertas velas triangulares en los veleros.

Pues bien, he conseguido el artículo original de los años cuarenta

"

J.Miguel nos ha cedido el archivo escaneado: aquí teneis una imagen reducida:

Unique TAILLESS KITE

RIGGED LIKE A RACING SLOOP

FOUR WINDS is an unusually satisfactory type of tailless kite based on the results of recent research into the aerodynamics of yacht sails. The design utilizes the highly efficient sail plan of a Marconi-rigged racing sloop for much of the wings of a two-stick tailless kite. It carries a steep line and flies steadily through a wide variety of wind velocities.

Straight-grained spruce is the best wood for kite sticks, but any well-seasoned and reasonably strong, straight-grained, light wood will do. The 1/16" diameter battens are 5" softwood applicators from a drug store. Additional materials needed are 2 yd. of light cotton madras or broadcloth, which must be 1 yd. wide; 50' of light, strong fish-line; a tube of quick-drying cellulose cement, and some heavy pins. A couple of dozen spring clothespins will be found useful for holding the fabric in place when the sails are being made.

The sticks should be prepared as shown. Then glue and lash the wing spars to the

cross-tree or joint connector, and fasten the cross-tree to the keel with a long, heavy pin. Be sure that the cross-tree and wing spars are at right angles to the keel. Before putting the frame aside to dry, give all the lashings a liberal application of cement.

Attach the bowstring to the after end of the keel and lead it up through the vertical saw cut in that stick. Form a small loop 8" from the end of the keel for the attachment of the jib sheets or cords. Leave the bowstring of sufficient length to reach the forward end of the bowsprit.

Cement and lash the long bowsprit under the keel; then set the short sprit stick in place and put on the next two lashings, but do not put on any of the lashings forward of the cross-tree. Now bend the long sprit stick by means of the bowstring until the tip is 7" above the keel. Finally, put on the three remaining sprit lashings to bend the short stick to the curve already taken by the long sprit. Don't attempt to make the bowsprit merely an extension of the keel or the kite will tend to nose dive.

Rig the kite frame with two 48" lengths of fishline to form the backstays and a single length to serve as the forestays.

In covering the kite, the mainsails are put on first. Do not wrap the cloth around the spars; simply fasten it to their upper surfaces with a smear of adhesive about 1/4" wide and clamp in place with clothespins. Now lay the material loosely over the backstays, trim away excess cloth, and cement the hem down over the stays. Do not fasten the two mainsails to the keel; let them overlap a little and fasten them together with adhesive. The sails should be loose.

Mount the battens with a few stitches and a smear of cement.

The jibs should be made to a paper pattern of the dimensions shown. Form a 1" loop in a piece of fishline by tying a bowline and leave the ends 19" and 22 1/2" long; these are cemented into the hems along the foot and leech of each jib. The loop is left free for the attachment of the jib sheet. The jibs are cemented to the forestays. Secure a short piece of fishline to the loop in the bowstring and run the ends to the loops in the after corners of the jibs as indicated. These lines, the jib sheets, should be tied with knots that can be readily loosened to alter the adjustment. Run a short line from the loop in the bowstring through a hole in the mainsail to the keel and draw the bowstring closer to the keel so as to permit the jibs to be trimmed very flat if necessary.

The brace or bellyband is rove through a bone button in a 1/4" rubber band as shown; and the button is secured by a short length of line to the bowsprit. The brace slides through a hole in the button, which permits the effective length of the forward part of the brace to increase in a high wind.

Attach the line to the brace about 3" forward of the end of the keel when the rubber band is barely tight. Set the jib sheets so there is a little slack in them and the same amount in both. Try the kite in a light breeze. If sluggish, move the kite line forward 1/2" and slacken jib sheets a little; if it flies unsteadily do exactly the reverse.

55¢'s up! This kite can be roiled right from the hand without running and flies steadily in a wide variety of wind velocities.

By W. MACK ANGAS

POPULAR SCIENCE

Clic en la imagen para ver en grande.

Más marconis, mk2 y similares:

http://www.batoco.org/bibliotoco/files/rheinhold_platz.pdf

<http://www.mimecanicapopular.com/vernota.php?n=44>

copia en la

kpb:<http://www.vientocero.com/kpb/planos/mecanicapopular/mecanicapopular.html>

mas modelos:

http://www.dopero.de/Eingang/Meine_Drachenseite/Kluever-Drachen/kluever-drachen.html



Marconi - Alberto Bonati (eng)

Original: <http://www.geocities.com/Yosemite/Meadows/2961/kite/marconi/en-marc.htm>

En la KPB: http://www.vientocero.com/kpb/planos/marconi/marconi_2.html



Marconi - Alberto Bonati (ita)

Original: <http://www.geocities.com/Yosemite/Meadows/2961/kite/marconi/marconi.htm>

En la KPB: <http://www.vientocero.com/kpb/planos/marconi/marconi.html>



Marconi - Monsieur Vansnickt (fra)

Original: <http://perso.orange.fr/vansnickt/constrcv/marconicv.html>

En la KPB:

<http://www.vientocero.com/kpb/planos/marconicv/marconicv.html>



Marconi - Ronald Krueger (deu)

Original: <http://members.aol.com/ronaldkg/marconi/marcplan.htm>

En la KPB: <http://www.vientocero.com/kpb/planos/marcplan/marcplan.html>



La cometa Marconi - Maxwell Eden (esp)

Original: <http://www.mimecanicapopular.com/vernota.php?n=44>

En la KPB:

<http://www.vientocero.com/kpb/planos/mecanicapopular/mecanicapopular.html#marconi>

Sacado de un post del foro: <http://foro.cometas.info/viewtopic.php?p=89272>

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