

# Yankee Rotors

April 2010

## The Official Newsletter of Yankee Rotors

### December 2008 Association Officers

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#### Editor

John Christopher  
(603)744-6232

**Regular meetings every  
3rd Sunday of each  
month at 1:00 p.m.**



### Next Meeting

**April 18 th** at 1:00 PM at John 's house.  
Call for directions if needed, better yet send  
John an email at [rotorhed@hotmail.com](mailto:rotorhed@hotmail.com).  
We are looking forward to April Fling. The  
May issue of the Atlantic Flyer may or  
should have a short article and posting the  
dates for this event. With any luck it will  
be a nice weekend and maybe get a better  
turn out. Input is always welcomed.

### How About That Day

That new or renewed member  
Bob Day. Not only is he saving the  
Spring Fling even t this year, he is  
taking an active part as a member.  
This unusual degree of member  
participation is so encouraging for  
me. I feel as if I have succeeded.  
Bob is the first, yes, first member to  
send in a short article about what he  
has been up to. With a few email to  
each other, Bob has mastered the art  
of writing and composing an article.  
He also has added a few pictures to  
illustrate what he is talking about.  
This is something all members  
should engage in. Isn't everyone  
tired of hearing just about what I  
(John) is doing with his project? I  
again con-

graduate Bob for his participation and  
sharing his experience with all  
members. Read on and see why.

### For Sale

Parsons two-place gyro for sale.  
Contact Rusty Blake: 207-663-  
4404. B8-

### Bensen B8-M

This is a dismantled, frame,  
packed and ready for shipping. It  
includes the wheels and other  
items. It is a project, half the price  
of any pre-made airframe. The  
price is \$500 plus shipping.  
Interested parties should contact  
John Christopher. Phone number is  
603-744-6232.

### Barnett JB-4

We have a near complete two seat  
Barnett for sale. Normally for  
about 5k, this rolling frame needs  
an engine, rotors, and some  
instruments. Then up you go. Price  
reduced to \$1,000. This is pennies  
on the dollar for what it would cost.

### Drop Keel Gyro

This Dominator style drop keel gyro  
sports a huge horizontal stab with  
centerline thrust, an 1100 cc Yamaha  
engine, seats two-blade prop and is a great  
flyer. Call Ray Maheu at 207-465-3203.



John is still  
plugging away at  
that RAF. The mast  
is complete,  
push/pull rods  
installed; Bendix  
flex cable is waiting  
for some good  
grease.

## My Gyro Trailer

This is a boat trailer that I converted for my Gyro by making it wider and putting on a platform with pressure treated plywood. The only thing unique about it is the tie downs that I cut, shaped, and welded to go over the tires and fastened from under the platform with nuts. I used two inch wide, one eighth inch thick flat metal and threaded rod. Wench down front wheel and the Gyro is held firm. I installed 17 eyebolts along sides.





## Projects Come Forth

Yes, it's been a long winter. But, at least one new member brings to the meeting some work he is doing on his ship for us to see. Mike Paquin, the only member present at our Christmas party, works feverishly on his Gyrobee ultralight gyroplane project. Hailing from the Hookset area of New Hampshire, Mike is one of the lucky few to be close enough to be able to attend our meetings. On the March 21, Mike brought with him one of the component he is working on.



Above and left you can see one major component Mike brought with him. He holds his rudder peddles. The peddles themselves are made from Chrome moly steel, complete with a large washer on the end so his feet won't slide off the peddle. The underside is the real work of art. At right is the underside of the peddles. Made from 6061 T-6 aircraft aluminum, Mike made frame work that will fit directly onto the 2 x 2" keel. Notice the holes drilled which make this part not only lighter but stronger as well. This part is literally a work of art. Nice job Mike!



At left is Mike's nose wheel. Notice that it has a cable brake. Mike tells us that this is a scooter wheel and is much more effective than the typical scrubber brake commonly seen on Bensen type gyroplanes. Owning a scrubber brake myself, I can confirm this.



Last but not least, John is pictured at right attaching the rotorhead to the top of his cheek plates. These long pieces of aluminum have been correctly fitted and need only the 2 x 2 x 4" square blocks fitted and riveted between them. This has been a long project for John but it is finally beginning to look like a gyro.

Want to learn more? All you have to do is come to a meeting. All meetings are open to the public. It is a first step to crossing that fence at most airports separating the pilots from the public. Until next time.

