

# Yankee Rotors

Dec 2009

## The Official Newsletter of Yankee Rotors

### December 2008 Association Officers

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



### Next Meeting

**Dec 19<sup>th</sup> at 7:00PM** at the Homestead Restaurant on Rt. 104 in Bristol, NH. From interstate 93, off at exit 23 (Rt. 104 west to Bristol), about 2 mi. on the right. We can meet in the cocktail lounge around 6:00 PM. Don't be late!

### Merry Christmas!

To all members and friends, welcome to Yankee Rotors Christmas Party. This is our one meeting where Officers are elected, business is discussed, and initial plans for the upcoming year begin. If your voice is ever needed more, this is the time. Also, check out our website. Before we meet at the Homestead Al invites all to begin at his house. There we can begin our rotary wing chat. It's easy to mix what business we have with idle chat, so come one, come all. Plus you'll get a preview of Al's gyro. It is sporting the Yamaha four-stroke Genesis engine. This 120 HP beast is the latest in state-of-the-art nurnulsion. The engine mount is art

### 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. As usual, all are invited to attend. New Members are always welcome.



The factory says that the interior of the cabin that supports the windshield needs to be strengthened or risk collapse at speeds over 70 mph. So here I am, adding an extra layer, applying resin first so the fiberglass will adhere to the wall and no where else.

You too can become a featured builder. Just send in some pictures put on file with captions and you're in. I have templates available for writing an article with pictures.

## Projects Happening

As the winter months approach, several members work on their projects. Even though my ship was destroyed during an engine failure over a landfill, its many parts are still useful. In this case, Mike Paquin dismantles the rotorhead. A new one with prerotator runs upwards of \$1,500.00. He has a machinist friend who can reproduce it for less, at least he hopes. It's a stock Bensen B8-m rotorhead modified with an electric pre-rotator.



Naturally the most fun, at least for me is to work on my ship after the meeting. With the heater core fitted, it is siliconed in to secure it. This part is then slid under the upper side of the panel.

Also, trying something different did not help my charging problem. I figured the best way to troubleshoot this is to remove the alternator and have it tested. It proved to be good, but there was a wire to the internal regulator that was missing. It was just easier to re-wire the whole thing and now it charges at a healthy 14 volts.



I worked late that night, until almost 11 pm. I had so much fun as I know those who are building do too. Though the cabin is masked and sanded, there are just a couple of areas that need more sanding. The fiberglass resin doesn't set very well in the cold so I try to keep it warm down there. Between a woodstove and a space heater, it's warm enough for just a T shirt, and that's the temperature it likes. While waiting for this stuff to harden, I've begun sanding the tail and rudder section. I still have a wire mess but progress is being made. Also, the reduction drive is completed, pre-rotator belt in place, prop is on and pitch is set. And there's still lots to do.

If other members would like to post their projects it would be a refreshing addition to our newsletter. Remember that this newsletter is seen world wide and your work is appreciated by thousands of other gyro enthusiasts. It is helpful if you use word format. If you would like me to send you a template that I use, just ask.