
The Transmitter

Suburban RC Barnstormers - P.O. Box 524, Bloomingdale, IL 60108

AMA CHAPTER 640

IMAA CHAPTER 194

August, 2003

Coming in August and September

August 10th, Giant Scale Event, Pratts Wayne Woods

August 11th, Club Meeting, 7:30pm, Bloomingdale Library * *Turbine Power Presentation* *

August 24th, Fun Fly #4, Pratts Wayne Woods, 8-10am Trim Flights, 10am Start.

September 8th, Club Meeting, 7:30pm, Bloomingdale Library

September 14th, SRCB/Propmasters Fun Fly, 10am, Springbrook Field, Naperville

September 22nd, Board Meeting, 7:30pm, Bloomingdale Library

September 8th, Fun Fly #5, Pratts Wayne Woods, 8-10am Trim Flights, 10am Start

Ask Howe

By John Howe (your President!)

Welcome to the 2nd edition of the column "Ask Howe". I would like to take this time to encourage everyone to submit questions or ideas to keep the column going. I have been asked on several occasions how do you store your models and prevent damage. So this month I will talk about airplane storage ideas. The quest has always been to design a safe storage system for airplanes that allows easy access / removal of the planes. Of course another concern is to minimize the floor space used. Because of these reasons I choose to build some rolling wing and fuselage racks.

The idea is that a rack could be stored in a corner or next to a wall. When a plane is needed the rack is rolled away from the wall to an open area to provide easy access to load and unload planes. I will cover building 4 different rack styles; 2 different fuselage racks, a wing rack, and a rack for transporting planes. The required material is dependant upon what size you chose to make your rack which may be built to any size you choose. I will include the sizes that I used along with the required material.



First the rolling wing rack. The dimensions are as follows:

80" H x 48" W x 48" L.

This size requires (4) 2" x 4" x 8' for the frame.

The wing supports can be made from 1" x 2" or from 3/8" dowel rods





Second the rolling fuse rack. The dimensions are as follows:

80" T x 48" W x 48" L

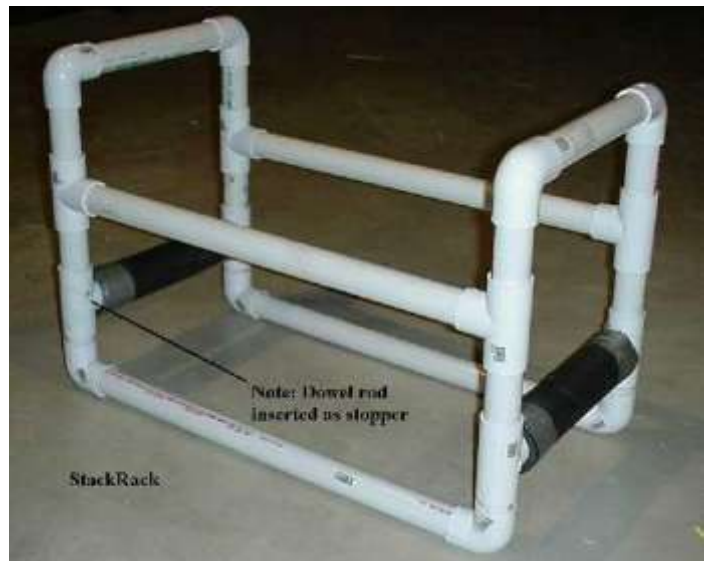
This size requires (4) 2" x 4" x 8' for the frame
The fuse supports are made from 2" x 2"



I also built a rack same as above but used adjustable shelving supports and brackets with PVC pipe slipped over the brackets. The idea is that it is easy to configure and move stuff around. The down side is that the shelf brackets can sway from side to side. For both of the rolling racks you can use any wheels of you choice but I would recommend

a high quality soft wheeled caster. Since the rack rolling smoothly is required I used a gray rubber caster wheel which has ball bearings on the caster. This sells at Menards for approx \$5 each but could be found at most hardware stores.

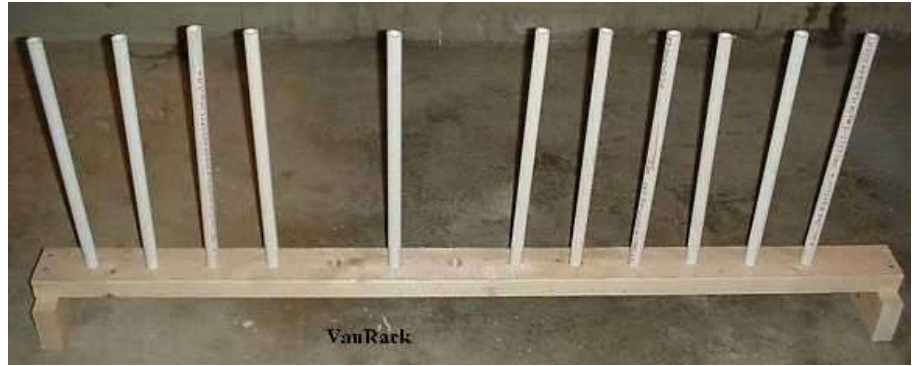
The Third rack is a stackable but fixed rack (see photo). It is made from 1 1/4" PVC. The dimensions are as follows: 18" wide * 36" length with a spacing of 20" between rungs. This rack is great for storing fuselages with no landing gear but gets tricky to get a plane in or out with the gear. It would work great for wing if the rungs are built closer together. It does not come apart well although I have tried to sand the outer diameter of PVC pipe to allow it to slide in the fittings then inserted a dowel rod to act as a stopper preventing the pipe from sliding down. It does work but can sometime be difficult to remove all four ends at the same time



The Fourth rack is not really a storage rack but more of a transportation rack (see photo next page). The rack is made from a 2" x 4"

cut to the width of my interior van wall. Then a small scrap piece is screwed on end to the main support. In my install I was able to

make the end pieces fit in the rear storage compartments so the rack does not move. The main support is drilled with a 7/8" fostner bit every 6" inches. (Menards has a six piece fostner bit set with this size for under \$10. The support posts are made from 1/2" PVC pipe. The support pieces can easily be removed or installed for



quick configurations. (Just in case you buy a plane at the field and need to rearrange things to get it home). On my Chrysler minivan the rack sits at the same height as the middle seat does when folded down. That gives a great platform to put a fuselage and wing. I recommend bungee cording the landing gear to the rack to prevent things from shifting.

If you would like to have a question answered please email me at lflyRC2@comcast.net or call me at 630.541.3054 or bring your questions to the Monday night meetings. If you would like your name or email address mentioned with your question mention so.

Hope your successful landing to takeoff ratio always remains equal, John Howe.

NOTES OF BARNSTORMERS MEETING OF July 14, 2003

ATTENDENCE

Twenty-four regular members were in attendance. One visitor was present, Cam Smith.

OFFICER REPORTS

President: John Howe presided over the evenings business.

Treasurer: Bob Elsner reported a balance of \$2590 in the bank.

Vice President: Scott Hurley said the rollover would be for a P-51 Mustang ARF.

Secretary: Scott Taylor said this evenings door prize was a \$50 MPI power panel. This panel can quick charge a glow plug starter and can display the voltage of your planes battery pack in addition to the other features you normally expect from a power panel.

COMMITTEES

Fun Fly: Steve Dietrich said Fun Fly #3 would be a bomb drop with a spot landing.

We were going to stick to tradition and not allow mechanical bomb releases.

Steve extended his thanks to Ruth Egging, who was absent this evening. Ruth volunteered to Chair Fun Fly #2. Two skills were required at this event. One was to take off, fly the perimeter of the field and then land. Shortest time was best. Then there was a blind taxi. With the direction of another person and this back to the field, the pilot was to taxi to and break a balloon on the field. Jeff Peca, Dave West, and Scott Taylor won 1st, 2nd, and 3rd consecutively.

Ruth Egging will chair fun-fly #2 since Steve would be out of town. Ruth plans to do a "Flying D" in the quickest time and a balloon break. The balloon break must be done with your back to the field and another pilot guiding your plane to the balloon.

Steve talked to the Propmaster's about the September inter-club Fun Fly. They didn't seem to like the poker idea. So were still kicking around other ideas. If you have any events you think might work, please bring them to the next meeting or let Steve know.

Safety: No report

Flight Instruction: Jim Scahill reminded everyone that new flyer night was Monday. Training starts around 6:00pm and on days when the club meets expect your flight plan to include a trip to the Library for our meeting!

OTHER BUSINESS

RCHTA Show Airplane Make and Take: We have been unable to get enough manpower to run the airplane Make and Take at the RC Hobby Trade Association show, so we will be calling the show director to let them know we won't be able to help.

Entertainment: Scott Hurley said you don't want to miss the next meeting. Dave Sinclair will be giving a presentation on turbine engines.

Mike Cannata gave an update on his Polk Tracker II radio which he says has been working well. This consists of a transmitter and receiver that can be tuned to any channel. The auto scan feature will prevent the transmitter from turning on if the frequency is in use.

Jeff Peca had asked attendees if anyone had experienced interference at the field. Jeff said he has had trouble on channel 20.

Another pilot thought he had also had trouble, but was on channel 23. Anyone experiencing glitches, please keep us informed.

Dave West provided some information on a new field that has recently opened up in the Dupage Forest Preserve system. The Green Valley preserve, which is about one block west of Illinois Route 53 and 75th Street, is not new, but has recently opened a slope soaring hill. This hill is built on top of an old trash hill which is currently producing methane for an electric generator. No power is allowed on aircraft including electric motors.

PLANES AND THINGS

Jeff Peca brought in his SPAD "Hell on Rails" to show the club. This plane is simple but loaded with fun.

John Howe brought in a Fokker Triplane ARF. John got a great deal on this plane at the end of our Swap Shop

RAFFLES

New member **Bradley Dean** took home the Great Planes P-51 ARF rollover raffle prize. **Steve Wolski** won the MPI Power Panel, and **Frank Orlita** took home some tickets to the EAA Museum donated by **Glen LaRocco**.

Door Prize for Next Meeting



Don't miss your chance to take home this Hanger 9 Double Vision battery charger. This \$70 charger will charge your plane, transmitter and glow driver batteries. It could be yours just for coming to the next meeting!

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This newsletter is published monthly by the Suburban RC Barnstormers, Inc.

We reserve the right to edit all information forwarded to us. Permission is hereby given to reprint any article that we publish as long as proper credit is given.

Material can be submitted for publication: (1) at a meeting, (2) by mailing to Suburban RC Barnstormers, Inc., P.O. Box 524, Bloomingdale, IL 60108, (3) sending it to the email of the editor, Scott Taylor, at taylorstr@megsinet.net

Articles must be received by the 4th Saturday of the month to be included in the following month's newsletter.

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