

Flight Feathers

The official publication of OneWingLowSquadron.org

MEETINGS

FIRST
SATURDAY OF
THE MONTH
AT 11AM

NO MEETINGS
JULY/AUGUST

NEXT MEETING:
SEPTEMBER 7th

EMERGENCY
CALLS FROM
OUR FIELD

352-485-5111

2024

WISE OWLS

RON SANDERS
PRESIDENT
& TREASURER

RICHARD GIBSON
VICE PRESIDENT

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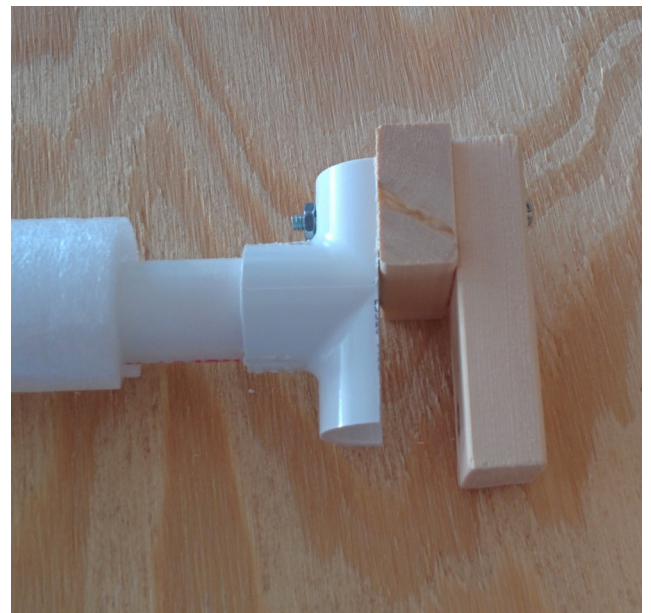
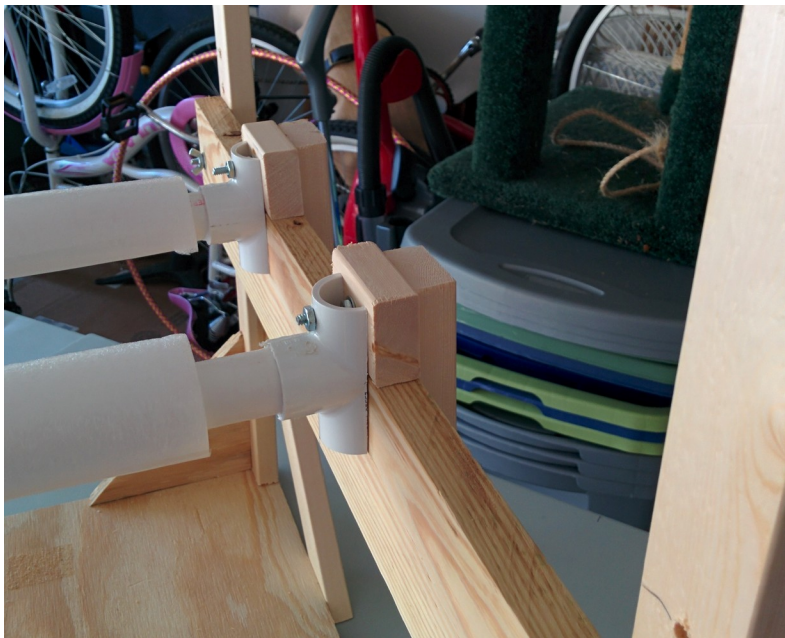
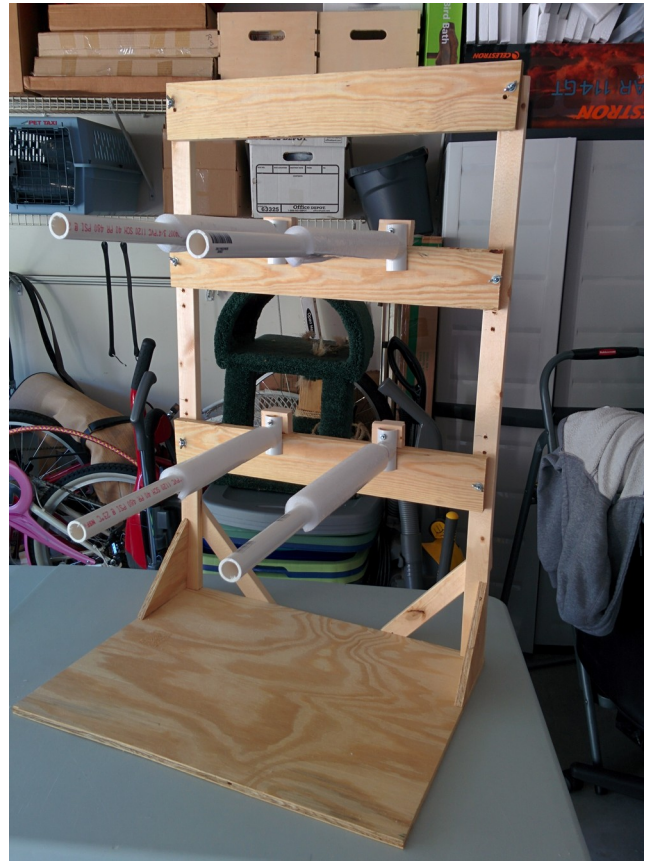
ART SCHEURER
SAFETY COORDINATOR
& FIELD MARSHALL

BRET MARTIN
FERNANDO MESA
AMA INTRO PILOT
INSTRUCTORS

No pictures from the field this month. I will be sharing plans and pictures for a plane rack and a wing rack I have found very useful and versatile over the years. The arms are adjustable up and down, and right and left to fit almost any airplane. It can be extended to go from the floor to the ceiling.
First the plane rack:



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How to extend higher.



Airplane Rack bill of materials

BASE

- 2 36" 1x2 side columns
- 3 24" 1x4 arm mount rows
- 1 2'x2'x1/2" plywood available pre-cut at Lowes/Home Depot cut to 18"x24". Use cut off piece to make right triangles(below)
- 2 right triangles cut from cut off plywood piece

ARMS

- 4 to 6 arms 20" long 3/4" schedule 40 PVC pipe arms
- 4 to 6 3/4" Schedule 40 PVC Tees (3 planes)
- 4 to 6 3-1/2" arm mount back 1x2 board
- 4 to 6 2" arm mount spacer 1x2 board

HARDWARE

- ~20 #8 1-1/4" wood screws
- ~40 #10 washers
- 12 10-24 wing nuts
- 6 10-24 2" bolts (for horizontal boards)
- 6 10-24 2-1/2" bolts with nuts (for arm mounting assembly)
- PVC cement for attaching arms to tees

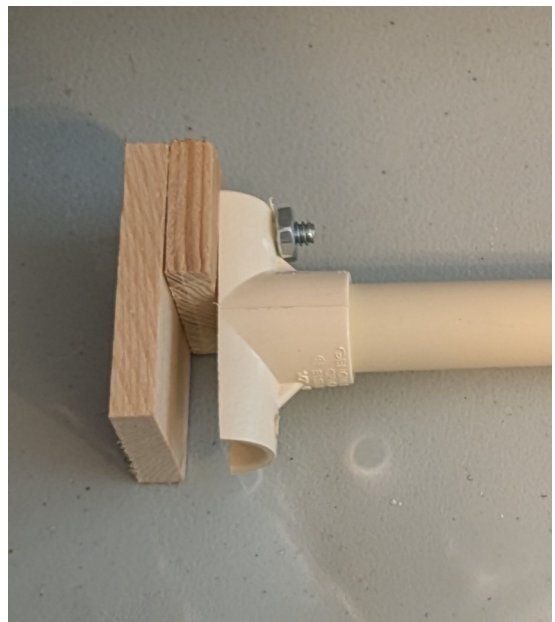
Shopping List

- 1 2'x2'x1/2" plywood
- 2 1"x4"x8' boards
- 1 1"x2"x8' board
- 2 5' sections of Schedule 40 PVC 3/4" pipe(makes arms for 3 planes) **
- 4 to 6 3/4" Schedule 40 PVC Tees (3 planes)

Wing Rack

The wing rack is a scaled down version of the plane rack. The base is simplified from a piece of plywood to two 1x2 "feet". Pictures and bill of materials below:

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Wing Rack Bill of Materials

BASE

- 2 1x2 side columns
- 7 1/2x2 arm mount rows
- 2 1x2 legs

ARMS

- 4 to 6 arms 10" long 1/2" CPVC pipe arms
- 4 to 6 1/2" CPVC Tees (3 planes)
- 4 to 6 2" arm mount back 1/2x2 board
- 4 to 6 1" arm mount spacer 1/2x2 board

Hardware

- ~20 #8 " wood screws
- ~40 #10 washers
- 12 10-24 wing nuts
- 6 10-24 1-1/4" bolts (for horizontal boards)
- 6 10-24 1-1/2" bolts with nuts (for arm mounting assembly)
- PVC cement for attaching arms to tees

Shopping List

- 1 1"x2"x8' board (rip to 1/2x2)
- 2 5' sections of CPVC 1/2" pipe

If you have any questions contact me, Ed Centanni. I'm on the membership roster.