

WINTER AIRPLANE STORAGE UNIT

by Jack Nagao

As my collection of planes grew, places to keep my planes started to become a problem. During flying season, I am able to hang some of my planes on moveable brackets in my garage. But, as I like to bring them in during winter storage season, I now needed a way to store them efficiently.

I took some average measurements of my planes for plane length, wing span, chord width and trailing edge to the back of the rudder or elevator. With these rough measurements I did my build. My measurements are given, only as some guide if you decide on this kind of arrangement.

The pictures will show the type of racks I built. I chose the height of 32 inches to easily accommodate the wingspan of all of my planes while at the same time keep them easily removable from their storage spots. For the larger planes, the rear set of 3-inch boards are 19 inches from the back wall and the front board is spaced at 14 inches to accommodate all the chord widths. All boards were padded with plastic backed foam sheets.



Planes remain easily accessible in their winter storage location.

There are 18 planes on the rack presently.

Looking towards the wall, two halves were built so that part of it could be stored flat up against the wall to free up floor space when some of the planes are moved to the garage during the flying season.



Part of rack folded against wall.



Planes stored in the garage.