

**Hackberry Heckler
XXXI
March 2022**

Hackberry Men's Shed, Ontario.

***** FIELD REPORTS *****

There is move afoot to produce a series of cube satellites to piggy-back on the upcoming moon shot. As can be seen in the closeup, they each support a variety of sensor slots ready for cameras and FM antenna.

If you measure the length of the terrestrial antenna (metal bit) it's possible to calculate the downlink frequency. Assuming a quarter wavelength.

The second photograph shows prototype-II and the first production run pending installation of



the mission pods!

Doug is the lead on this facinating development.

A load of old Psittaciformes, if you ask me!

***** TOOLS *****

Missing at the moment is a thermometer used on the steam unit. This has a round, needle thermometer at one end and an 8" sensor to poke into the chamber.

***** PROJECTS *****

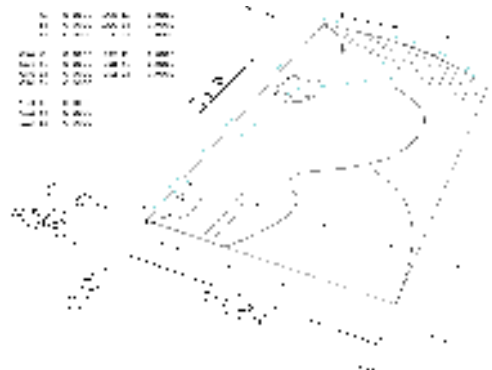
Terry A. came into the shop a week or so back to assemble his first prototype of a squirrel picnic table.



Since then things have gotten a little out of hand and they've started multiplying at an alarming rate. Soon, I'm told, to oust the Mini from the garage!



Meanwhile back in ENG. LAB 2, work has begun on



a toolbox using a horse head for the end decoration. Here is an early attempt at setting up the CNC using a .svg file sent in by Brother Martin.

There are now the two end pieces ready to stain. One popped out without too much trouble but trying to make a mirror image of it was stressful. I used Inkscape to convert the image into a .dxf file and then dxf2gcode to ready it for the CNC. I could get upside-down, small (4"), big (96") but not the 7 x 13" LHS I was looking for!



keep clamps off the top I built these two sled clamps.

Ed made a lovely job of framing our invitation to the Roy Brown Exhibition at the Heritage Museum.



*** FACILITIES ***



The DUST collector found its match recently when it filled up with SHAVINGS. I suspect the planer was being used at too high a setting. It took several goes to clean out the pipe.

We had a nice crew for the break-down and delivery and quite a few members turned up for the opening. Later there was a party of visitors from Bean GMC in Carleton Place which we were invited to attend.

*** OUTREACH ***

There is a large storage box to paint at the shed and a small hand rail for our neighbour if you are looking for work.

*** MISCELLANEOUS ***



This CNC job had a 1/2" dep cut and a busy face so to

*** WEB ***

Hancock Test Pilot - this was the rubbish I was brought up on. Funny but while I could recite the gist of this episode I hadn't remember two people ended up on the tail!

https://www.youtube.com/watch?v=2ycIi_Xa38

*** MEMBERSHIP ***

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With thanks to those who've seen fit to send in photographs, articles etc.

♪ se non è vero, è ben trovato ♪

