

## Tool Review – Hand Nibbler

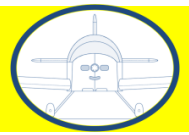
Written by Eric Seber, Waix 0153

August 21, 2013

Here's another handy tool that I use frequently when making sheet metal parts for my Waix. It's called a "Nibbler" by some, but this brand is formally named an Adel Hand Nibbling Tool. I purchased my nibbler from Aircraft Spruce & Speciality for \$28 a year ago. I've seen prices range from \$22 - \$30 new or around \$10 used. However, be careful purchasing a used one that may have a worn cutting head. A replacement cutting head cost about \$14 from various suppliers.



This tool is incredibly handy for removing small amounts of thin (up to .040" approx.) aluminum in tight areas when making parts or repairing structure. Included below are some photos of the nibbler in action on .032" T6 aluminum.



Nibbler cutting head does the all work when squeezing the handle.



Here are some online sources of nibbling tools:

<http://www.averytools.com/prodinfo.asp?number=1375>

[http://www.ustool.com/store/cart.php?m=search\\_results&search=hand+nibbler](http://www.ustool.com/store/cart.php?m=search_results&search=hand+nibbler)

<http://www.aircraftspruce.com/catalog/topages/nibblingtool.php?clickkey=32186>





I've used the nibbler on many of the cutout areas on my Waix fuselage. On the picture below, I used it to easily cut away the material between the two hole-cutouts. Using the nibbler proved to be easier than using a Dremel tool with a cutoff wheel.

