Casting a heliograph - a challenge for the very special

This article provides a brief illustrated walkthrough of how to cast a highly three-dimensional object.

The exciting task was carried out by our member Ole Friderichsen and he has immortalized the process.

I now leave the floor to Ole Friderichsen:

You will now witness a birth

Below is a small series of images to visualize the process. For some, this will be trivial knowledge, and they are then free to walk in the yard for so long.

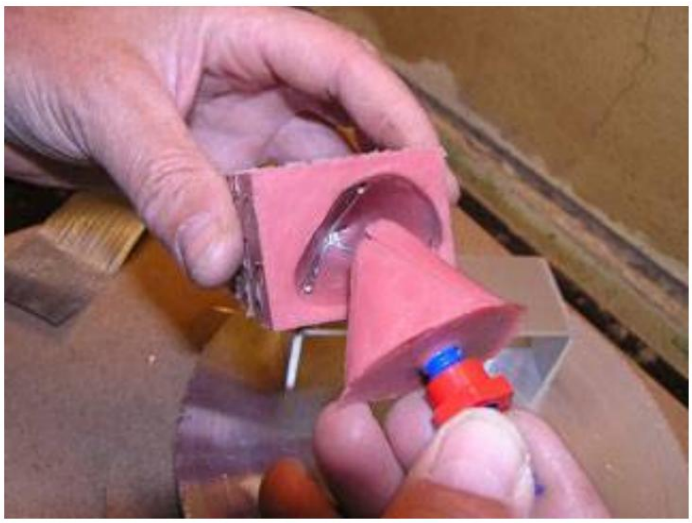
1. Under primitive conditions without temperature control, the tin is heated.

2. & 3. The mold is brought into rotation in the "machine" and the liquid tin is poured into the center hole.

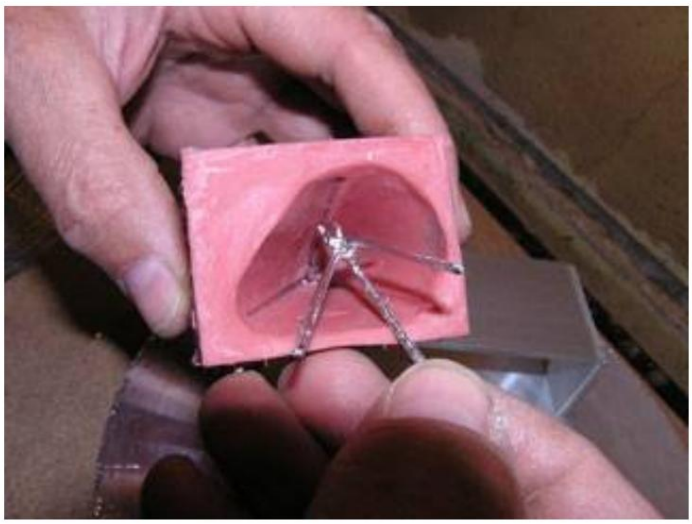
4. After a two-minute carousel ride, stop the "machine" and remove the protective shield.

5. Various auxiliary screws are removed.

6. With pliers, twist the lump of tea in the inlet out of the mould. It looks brutal but doesn't hurt.



7. The small part of the mold is removed and there is an opening for the casting.



8. Voila. A tripod is born.

Now, I myself am not well versed in the noble art of pewter casting, but I have never seen anyone attempt such a complicated model as this heliograph on a tripod.

I think it is impressive and look forward to seeing the next projects that Ole throws himself into.

The template for the casting was supplied by Per Finsted.

You can read more about the heliographs in a military historical context in Per's article: English signal material - The heliograph and about the further process with Ole's castings in Per's article English signal material - More about heliographs

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