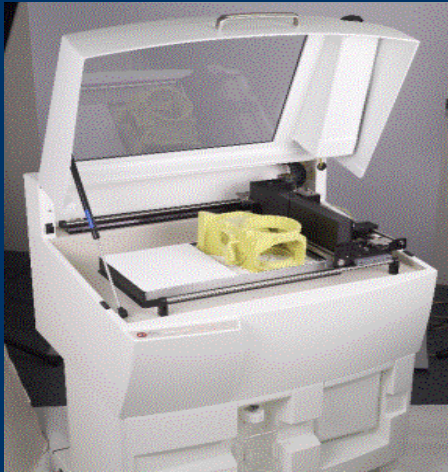


# AWT Design Studio, Inc.

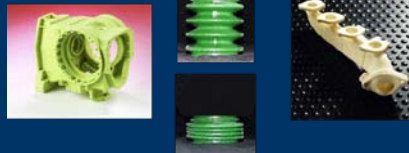
[www.advancedwirelesstech.com](http://www.advancedwirelesstech.com)



Need a concept part for quick evaluation? Our service bureau can help you.

Our ZCorp 310 3D Printer creates physical models directly from digital cad/cam data, enabling your engineers and designers to produce a range of concept models, functional test parts, and prototypes quickly.

DESIGN FASTER. COLLABORATE REMOTELEY. BEAT THE COMPETITION.



## What's going on:

- 3D service bureau officially opens.
- Electronic Design and Development.
- 2-Day Open House, January 20 and 21. 10:00am to 8:00pm.

## Merry Christmas from our company to yours!

It has been nothing less than a very eventful year at AWT. We've strived to keep our overhead down, profits up, business efficient and technologically up to date. This has been a challenge, but we've succeeded.

About seven months ago we started to reconsider the direction of our company. We felt that we could offer more services to our clients. One evening while watching the hit TV show

"Rides" on TLC, we were fascinated with 3D Rapid Prototyping. With some research it was clear to us that we should add this facet to our business - and now we have.



*"One evening while watching the hit TV show "Rides" on TLC, we were fascinated with 3D Rapid Prototyping."*

## 3D Printing Service.

The ZCorp 310 3D printer is exactly that, a printer which can create objects in three dimensions. A "Santa Clause" machine of sorts.

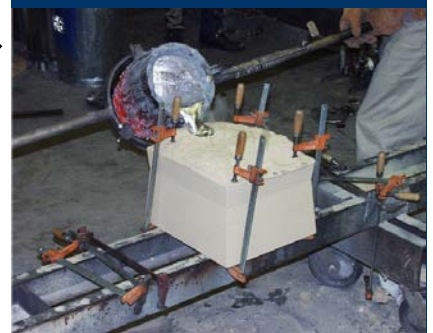
When you have a need to physically hold your creation before you pay for costly investment casting, injection molding or tooling, our service bureau can help you.

Our 3D printer has the ability to print in a variety of materials, some of which are starch, plaster, thermoplastic and

Zcast, a ceramic/sand material for direct metal casting. The printed parts can be made to simulate plastic and rubber materials and are well suited for a variety of finishes. Painting, electroplating, clear coats, and machining processes have all proven successful with 3D printed prototypes.

### 3D Printer capabilities:

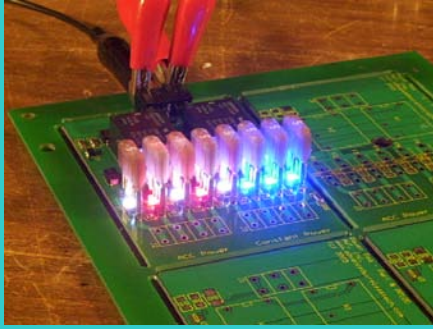
- 8" x 10" x 8" build volume
- 0.003" layer resolution



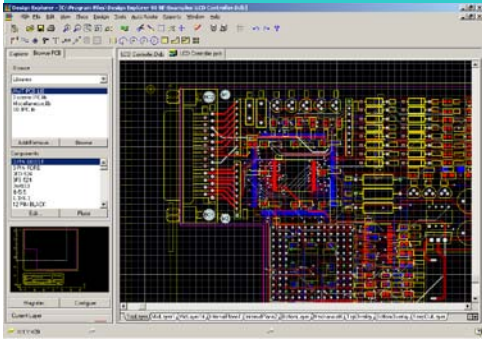
Direct pouring molten aluminum into a ZCast mold. The mold was printed on the ZCorp 310 3D printer.



## Electronic Design and Development.



Testing colorful circuits and creating PC boards.



Advanced Wireless Technologies, Inc. has been involved with electronic development for many years. The majority of the time we develop control systems for use in wireless, gaming, lighting and most recently vehicular systems. Our knowledge and experience is constantly augmented with continued training and experimentation. We keep up to date with current technology trends to offer the best solutions to our customers.

We have experience in designing complex analog, digital and mixed signal systems. The following is a list

of products we find favourable to develop with:

- Microchip Technology
- Cypress Microsystems PSoC
- Anadigm
- Analog Devices
- Maxim
- Lantronix (XPort and WiPort)

We program in C or Assembly and use Protel for our schematic and PC board entry.

Let the experience of Advanced Wireless Technologies, Inc. help you with your next design or evaluation task.



## 2-Day Open House.

Here at AWT we are planning a 2-day open house for all of our current and potential clients as well as anyone else who'd like to see what we are up to. We are having the open house January 20 and 21, 10:00 am to 8:00pm, it's an informal come by when you can, leave when you want atmosphere. Let us know when you'd like to come and kick the tires. Give us a call or send us an email.

We will be showing and demonstrating our new 3D printer as well as displaying some of our current design work.

We will be showcasing:

- Our 3D Printing service
- Electronic Development
- Firmware Design
- PC Board Development



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Wishing everyone the most warm and enjoyable time during this holiday season. Merry Christmas.

