

Equipment

MHAFB Library has two 3D printers. They work by melting solid filament to a moldable form, working layer by layer. The print becomes hard again as it cools.

Materials

PLA (polylactic acid):

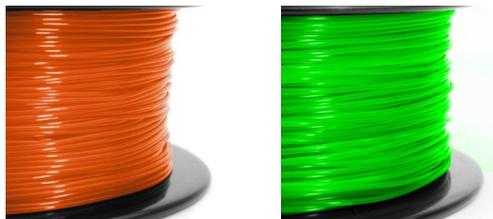
Biodegradable thermoplastic created using renewable resources such as corn starch. This material can be chemically recycled. It uses lower temperatures, may degrade in water and high heat over time.

Mountain Home AFB Library's 3D printer is the next step in keeping our library relevant and fresh. Maker Spaces bring creativity, technology, and innovation to libraries. Our 3D printer gives Airmen and their families access to this awesome technology.

Hours of Operation

Tues-Thurs	10:00am - 7:00pm
Fri	10:00am - 6:00pm
Sat	12:00pm - 5:00pm
Sun, Mon	Closed

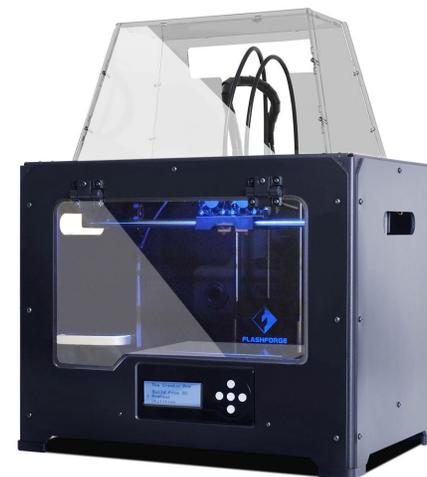
We are also closed on all federal holidays and any ACC Down Days.



Mountain Home AFB Library
480 5th Ave. Ste. 100
Phone: 208-828-2326

Website: <http://mhafbfun.com/library/>
Facebook: 366 FSS Library

Mountain Home AFB Library 3D Printing



<http://mhafbfun.com/library>

3D Printing

at the

Library

Idea Galleries

Thingiverse

YouMagine

Tinkercad Gallery

Advanced Design

Onshape

Fusion360

Meshmixer

Sculptris

Design and Printing Tips

3D printers build from the bottom up. Designs with overhanging pieces or that are top heavy will need supports.

Smaller prints complete faster. Your print will be limited by how long it takes, and the size of our printer.

Disclaimer: Not all files are printable, and library staff have the right to refuse print requests.

Pricing and Appointments

Appointments available Tuesday, Wednesday, and Thursday from 10:00am - 5:00pm

Prints must be a reasonable length (usually under 7 hours)

We charge 25¢ per meter of filament used.

A price estimate can be given when the appointment is scheduled. This price is an estimate and can vary for several reasons, including material, color, and actual print time. **Limit of 5 items per order can be ordered at one time; and only one item may be over 4 hours.**



Getting Started

- Find or create your 3D design.
- Save the .stl file(s) on a USB drive or SD card.
- Bring it into the library for a time and cost estimate.
- Choose your material and color.
- Schedule an appointment.
- Library staff will call when your print is done!