3D Printing at Minot AFB Library

Who can use the 3D Printer?

Anyone who has access to the Base Library can use the 3D printer under the supervision and approval of the library staff.

Charge

Everyone (except the children of deployed parents for whom special filament has been designated) must pay for the filament used for their print job. This includes any filament used up in a failed or botched print job. The current price is $0.05 per gram of filament used, but the price may rise if it becomes necessary to pay for maintenance or replacement parts.

Prohibited Print Jobs

The Library's 3D printer may not be used to create items that fall under any of the following categories:

1. Prohibited by local, state, or federal law
2. Unsafe, harmful, dangerous, or poses and immediate threat to the well-being of others
3. Obscene or otherwise inappropriate for the Library environment
4. In violation of another's intellectual property rights (for example, material that is subject to copyright, patent, or trademark protection)
5. Would take longer than 9 hours to print
6. Does not fit on the 3D printer's build-plate

The Library Staff reserve the right to refuse any print job. While use of the 3D Printer is not dangerous provided you follow some basic safety guidelines, you may only use it at your own risk and under the direct approval and supervision of the library staff.

Procedures

1. Create or download a .stl file at home or at the library using a web site with pre-existing files such as those found on Thingiverse.com or a 3D printing design software such as TinkerCAD.
2. Make an appointment at the library to print your object by calling 723-3344. E-mail your file to yourself if you found/created it at home.
3. Come to the library for your appointment. Download your file and save it on a library thumb drive.
4. Print the object with the assistance and under the supervision of the library staff. If the print job is predicted to take longer than you can wait for it, you can get it started and return when it is likely to be complete or, for all day print jobs, the library staff can start it for you the next morning that the library is open.
5. Pick up/pay for your item.

Filament types: The Library currently has PLA and ABS filament. Most recreational print jobs should be done using PLA if at all possible. PLA is more environmentally friendly, but ABS is more flexible and sturdy.

I, the undersigned, have read and agree to abide by the above Minot AFB Library 3D Printing Policy.

Signature: _____   Date: _____