

Goal: two Mylar springs with cut thicknesses of 0.002 and 0.005

Machine Used: Universal Laser Systems #2 Bonderson (find later)

Process:

(File Setup within Illustrator)

Open illustrator file

Dash crease lines

Set dash - gap - dash to 0, 0.5, 3

(Print setup within Universal Laser Systems software)

Print the illustrator file to open within Universal Laser Systems viewing software

Verify file transferred correctly

Place material in print bed and tape down corners

Mylar is a thin material and can be blown away by the air assist/blower
positioning print head above each corner

Verify laser is pointing at material

Lower/raise print head using height jig

Click settings within the Universal Laser Systems software

Change red light setting to 12% power, 100% speed

(Print operation)

Turn on air assist and blower power

Focus lens and mirror will be ruined if print is ran without air assist and blower

Click green arrow in Universal Laser System software to begin print