Axsys Technical Services conducted a test to determine the time and effort required to program and machine a part that is representative of parts encountered by our customers and typically programmed utilizing the 2D toolpath strategies found in the Mastercam Mill product. Key points of differentiation include: modeling requirements, programming time, machine time and surface finish.

**Programming Time:** 60 minutes
Majority of time spent modeling to create containment boundaries & surfaces needed to create toolpath.

*Note:* On the multi-draft pockets offset geometry must be created for the 3D-Sweep tool path. Optionally extract and combine wall surfaces into one surface and use the waterline path. Requires intermediate to advanced skills not typically found in existing users.

**Machining Time:** 61 minutes
Tool paths generated: (7) Roughing, (15) Finishing

**Programming Time:** 5 minutes
No additional modeling required.

**Machining Time:** 66 minutes
Tool paths generated:
- (2) Roughing
- (1) Stock model
- (1) Finish