

Progress Report:

- 3D model of knives
 - SolidWorks models of knives for analysis and fixture design
- Recreation of client current single point rivet press
 - Single rivet press using anvils
 - Force applied manually or with SATEC
- Initial load testing using SATEC compression tester
 - Load testing on rivets in knife assembly
- Rivet force load analysis using SATEC
 - Knife functionality at various applied forces
- FEA analysis on rivet compression forces
 - FEA simulation on single rivet to determine force vs. displacement
- Analysis of knife re-usability
 - Capability to take knife apart after rivet press