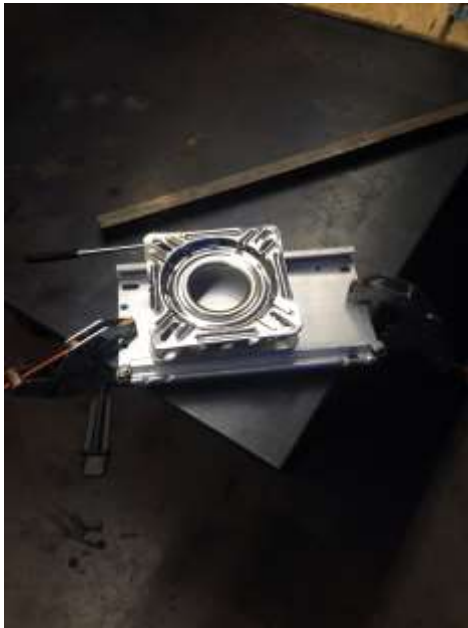


Seat and Slide



The sliding mechanism was brought to the Brinkman Lab where it was clamped to a steel table to see how much leverage is needed to rotate the swivel.



Seat and Slide



The sliding mechanism was then mounted on to the top base of the wood demo to test sliding and rotating with the chair.



The chair was tested by having one of the team members sit on the chair to see for comfort and size. In addition, seeing how the chair dealt with water. As a result the chair was able to drain water out with the hole provided.

Seat and Slide



Test: Group member sat on the seat and slide with weight holding down the board. Slide forward and back as well as rotating was tested.

Results: The mechanism supports both functions. Sliding is easy for the user but rotating is relatively difficult. The lever needs to be held out to rotate so that it will not lock.