

Centaur 50th Anniversary Engineering Design Challenge “Pushing the Limits”

Name _____ Date _____

STUDENT DATA SHEET

Centaur Design Trial # _____

Brief description of design:

Describe how your team’s design worked.

Was the vehicle able to stop on its own while remaining on the playing field?

Was the vehicle able to make a mid-correction manually? _____

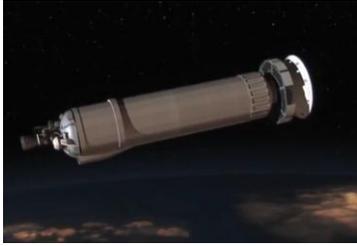
Was the vehicle able to make a mid-correction without a team member touching the Vehicle (Autonomously)? _____ (Optional)

Was the vehicle able to be re-energized with propellant at the mid-point?
Position? _____

Was your team able to restart the vehicle at in the mid-point area? _____

Was your team able to get their vehicle within the bulls-eye area? _____

Was your team able to get their “payload” over one of the bulls-eyes rings? If so which one? Center ___ Middle ___ or Outer ring? _____



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If not, by how many centimeters was the vehicle off (Measure from the center of the payload to the nearest Bulls-eye line.)? _____cm

What and how will you try to improve your Centaur vehicle after this trial?

In the space below, sketch any vehicle modifications you will make for the next trial.