



FACT SHEET

Highlanders FRC

Team #4499

Our Expected Scores:

Autonomous:

Type	Quantity	Points
Low Goal	0	0
Middle Goal	0	0
High Goal	2-3	12-18

Tele-Op:

Type	Quantity	Points
Low Goal	0	0
Middle Goal	0	0
High Goal	3-9	9-27

End Game:

Climb: 2 nd Level in 36 seconds		20
Human Player	0-2	0-4

Totals: 41-69 points

Robot Description:

Our robot both shoots and climbs. It can climb to the second level in 36 seconds. We shoot at the high goal from the pyramid, on the side away from the goals, and will be improving our accuracy over the course of the tournament. We have a defensive shield that we have attached to our bot, it has an adjustable height. We have a particularly tall robot.

Default Strategy (we are open to strategizing):

1. Start on either back corner of the pyramid.
2. Fire three Frisbees at high goal during autonomous. In matches, we were consistently able to score at least 2 goals.
3. Get 3 discs at feeder station, return to pyramid and shoot. Repeat as time allows. We believe we can make 3 trips in a match.
4. With 40 seconds remaining, begin climb. Climb to 2nd level.
5. End Game – our human player has averaged one goal per match.
6. We are flexible, and are willing to put our height to good use as a defensive bot and our defensive shield is adjustable with our climber's belt system.

