

Design Objectives for Shep Project

Low center of gravity (safety, stability)

Ease of entering/exiting

Secured seating position/ comfortable/ adjustable

Roll cage (safety, strength)

Front & rear bumpers

Provisions for splash protection later (i.e. fenders, body covering)

Lightweight

Space for 1 Motor, at least 2 batteries (approx 60 lbs ea)

Assume max vehicle weight of 700 lbs.

Amendments to Design Objectives

(April 20th, 2007)

As flat area for solar panels as reasonable

Controls on steering wheel, no foot operated

Adequate airflow around motor/batteries