

Sheet1

Possible Experiments

	Instrument	Lead
Estimate altitude from Earth Curvature	Side camera	George Ngo
Measure Internal/external Temperature	Temperature sensors	Brian
Measure speed of rotation	Photosensor	Cortney Gras
Thin Film Array	[Near] Max Power	Monroe Kennedy
Infrared sensors/ UV (Dust?) Spectra	Filtered photodiodes	Elwood Aboukhaled
Passive Before/After test		
Dust collection – AeroGel?		Eric Bonder
Land use	Downward camera	James Lane
Cloud cover	Downward camera	
Free fall/ vibration	Accelerometer	
Sky radiation	Thermopile	
Pressure vs Altitude	Pressure guage	Advisors
Marshmallow @low pressure		
UV exposure: seeds		Emily Radson
UV exposure: rubberband		Emily Radson
Other Ideas		