



**Component
Manifest Form
for TREADS**

Your name: _____ Phone: _____

Company: _____ Email: _____

The name of your component/instrument to fly: _____

Desired launch timeframe (please circle): 2012 2013 2014 2015 other: _____

Mass of component: _____ (lbs or kg)

Volume: (in or cm)

- Length: _____
- Width: _____
- Height: _____
- Shape (describe): _____
- Deployables: YES NO

Power usage

- Continuous (W)
- Max (W)
- Duration of experiment (hrs:min:sec)
- Data generated per 24hrs (MB)

	Test1	Test2	Test3

Voltage lines required: _____ (V)

Data interfaces (please fill in the number of interfaces that apply):

___ cPCI ___ EIA232 ___ EIA422 ___ Ethernet ___ I2C ___ Discrete I/O
 ___ SpaceWire ___ other _____

Special requirements (please circle):

- Pointing required YES NO
 - if yes, what accuracy: _____ deg
- Visual verification (i.e. taking an image of a deployment, material degradation, Earth/star to validate instrument) YES NO
- Reprogramming (i.e. JTAG or other external interface) YES NO
- Cleanliness: (Class/ISO) N/A 100,000/8 10,000/7 1,000/6

*(Please attach a specification sheet for this component and email to Redefine or visit:
http://www.redefine.com/services/sign_up/)*