



**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: \_\_\_\_\_

**M**ass of component: \_\_\_\_\_ (lbs or kg)

**V**olume: (in or cm)

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

**P**ower 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/](http://www.redefine.com/services/sign_up/))*