

DEBRIS ASSESSMENT: INPUT & OUTPUT LOGS

name = Solar Array Wing
quantity = 2
parent = 1
materialID = 16
type = Box
Aero Mass = 0.997000
Thermal Mass = 0.892000
Diameter/Width = 0.340000
Length = 0.706000
Height = 0.003000

name = Solar Cells
quantity = 60
parent = 16
materialID = 25
type = Flat Plate
Aero Mass = 0.003500
Thermal Mass = 0.003500
Diameter/Width = 0.037000
Length = 0.076000

DAS Input Log

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```
*****  
name = Solar Array Wing  
Demise Altitude = 0.000000  
Debris Casualty Area = 1.797272  
Impact Kinetic Energy = 92.440338  
  
*****  
name = Solar Cells  
Demise Altitude = 0.000000  
Debris Casualty Area = 0.000000  
Impact Kinetic Energy = 0.000000
```

DAS Output Log