**December 4, 2015**

General Information:

* Sondes 248, 249
* iMet 5, 6

Original Position:

N

~ 330°

NW

Sonde 248

Sonde 249

iMet 6

249

iMet 5

iMet 6 closest to Sun

Test 1:

* Ascent Start – 7:57.30
* Ascent Rate ~ .54 m/s
* Rotated ~ 90° around 95 m
* Max Height – 97 m
* Descent Start – 8:01.44
* Descent Rate ~ -.6 m/s
* Stopped low, not fully to ground
* Rotated ~ 8:04.25
* Descent End - 8:04.47

Test 2:

* Ascent Start – 8:04.55
* Rotated ~ 8:05.10
* Ascent Rate ~ .6 m/s
* Max Height – 97 m
* Descent Start – 8:08.10
* Descent Rate ~ -.6 m/s
* Descent End - 8:11.13

**BATTERY CHANGE**

**Sonde 248 changed before 249**

Test 3:

* Ascent Start – 8:20.38
* Angle Steady
* Max Height ~ 21.59 m
* Descent Start – 8:21.50
* Ascent Start – 8:22.00
* Rotated ~ 90° Counterclockwise
* Rotated ~ 90° Counterclockwise again, almost 180° Clockwise from original position
* Max Height – 97 m @ 8:25.20
* Descent Start – 8:25.48
* Descent Rate ~ -.5 m/s
* Descent End - 8:28.56

Test 4:

* Ascent Start – 8:29.13
* Started ~ 90° Counterclockwise
  + Start Angle ~ 270°
* Max Height – 97 m
* Descent Start – 8:32.15
* Descent Rate ~ -.6 m/s
* Descent End - 8:34.59

**BATTERY CHANGE**

**Sonde 248 changed before 249**

Test 5:

* Ascent Start – 8:45.56
* Ascent Rate ~ .58 m/s
* Rotated ~ 15° Clockwise
* Max Height – 97 m
* Descent Start – 8:49.58
* Descent Rate -.5 m/s
* Stopped low, not fully to ground
* Ascent Start – 8:52.57
* Ascent Rate ~ .5 m/s
* Max Height – 97 m
* Descent Start - 8:56.10
* Descent Rate ~ -.4 m/s
* Descent End - 8:59.00

**BATTERY CHANGE (Sonde & Iris)**

**Sonde 248 changed before 249**

**PLANE FLEW OVER ~ 9:02.15**

Test 6:

* Ascent Start – 9:06.09
* Ascent Rate ~ -.6 m/s
* Max Height – 97 m @ 9:08.45
* Descent End - 9:11.52

Test 7:

* Ascent Start – 9:11.58
* Yaw ~ 69.29°
* Ascent Rate ~ .5 m/s
* Voltage Warning – 9:14.00
* Descent End - 9:14.49