

Winning Score Compilation (Carnegie Mellon University)

| Formula Criteria | Actual Score | Score had disk been picked up | |
|------------------|--------------|-------------------------------|---|
| a | 600 | 600 | For Config A - the test run that counted <ul style="list-style-type: none"> • Identified 8 drums • Manually selected which 6 counted • Therefore 2 false alarms |
| a1 | 600 | 600 | |
| b | 10 | 10 | |
| c | 100 | 100 | |
| d | 0 | 300 | |
| e | 0 | 0 | |
| f | 30 | 30 | |
| g | 70 | 70 | |
| h | 135 | 135 | |
| i | 200 | 200 | |
| j | 10 | 10 | |
| CMU | 445 | 1645 | |

CONFIGURATION D: First Flight (Autonomous Flight— Manual Landing Disqualified Run)

| ACTUAL DRUM LOCATIONS/TYPE | | | MEASURED DRUM LOCATIONS/TYPE | | |
|-----------------------------------|-------|-------|------------------------------|-------|------|
| TYPE | X | Y | X | Y | TYPE |
| B | 2.00 | 0.00 | 2.80 | 0.00 | b |
| M | -1.00 | -1.00 | -0.63 | -1.10 | m |
| M | 0.00 | -1.00 | 0.56 | -1.50 | m |
| M | 1.00 | -1.00 | 1.60 | -1.10 | m |
| R | -1.00 | 2.00 | -1.00 | 1.90 | r |
| R | 1.00 | 3.00 | 1.80 | 2.80 | r |
| Nonexistent extra drum identified | | | -0.40 | 2.00 | r |

CONFIGURATION A: Second Flight (Fully Autonomous)

| ACTUAL DRUM LOCATIONS/TYPE | | | MEASURED DRUM LOCATIONS/TYPE | | |
|-----------------------------------|-------|-------|------------------------------|-------|------|
| TYPE | X | Y | X | Y | TYPE |
| B | 0.00 | -2.00 | -0.32 | -2.03 | b |
| B | 1.00 | 0.00 | 1.34 | 0.00 | b |
| M | -1.00 | 2.00 | -0.46 | 2.04 | m |
| M | 2.00 | -1.00 | 2.54 | -1.30 | m |
| R | -2.00 | -1.00 | -1.90 | -0.61 | r |
| R | 2.00 | 3.00 | 2.65 | 2.90 | r |
| Nonexistent extra drum identified | | | 0.34 | 2.02 | b |
| Nonexistent extra drum identified | | | -1.49 | -0.91 | r |

B = Biohazard R = Radioactive M = Explosive (morph)