

## HU-25A Guardian - LaRC #524 02/21/20

**NOTE:** All flight reports will be archived as NASA public data in the DAAC.

**Aircraft:** [HU-25A Guardian - LaRC #524](#) ([See full schedule](#))

**Flight Number:** ACTIVATE 20-012

**Payload Configuration:** ACTIVATE In Situ Suite

**Nav Data Collected:** No

**Total Flight Time:** 3.3 hours

**Submitted by:** Richard Yasky on 04/17/20

**Flight Segments:**

|                           |   |                |                  |
|---------------------------|---|----------------|------------------|
| <b>From:</b>              | KPHF  | <b>To:</b>     | KPHF             |
| <b>Start:</b>             | 02/21/20 18:36 Z  | <b>Finish:</b> | 02/21/20 21:56 Z |
| <b>Flight Time:</b>       | 3.3 hours   |                |                  |
| <b>Log Number:</b>        | <a href="#">20F001</a>                                  | <b>PI:</b>     | Armin Sorooshian |
| <b>Funding Source:</b>    | Hal Maring - NASA - SMD - ESD Radiation Science Program |                |                  |
| <b>Purpose of Flight:</b> | Science   |                |                  |
| <b>Comments:</b>          | Research flight for ACTIVATE EVS mission.               |                |                  |

**Flight Hour Summary:**

|                                       |               |
|---------------------------------------|---------------|
|                                       | <b>20F001</b> |
| <b>Flight Hours Approved in SOFRS</b> | 149.9         |
| <b>Total Used</b>                     | 149.9         |
| <b>Total Remaining</b>                | 0             |

### 20F001 Flight Reports

| Date                     | Flt #           | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|-----------------|-------------------|----------|---------------|-----------------|-------------|
| <a href="#">11/20/19</a> | ACTIVATE 20-001 | Check             | 2.4      | 2.4           | 147.5           | 0           |
| <a href="#">11/21/19</a> | ACTIVATE 20-002 | Check             | 2.7      | 5.1           | 144.8           | 0           |
| <a href="#">02/12/20</a> | ACTIVATE 20-003 | Check             | 2.9      | 8             | 141.9           | 0           |
| <a href="#">02/12/20</a> | ACTIVATE 20-004 | Check             | 1.7      | 9.7           | 140.2           | 0           |
| <a href="#">02/14/20</a> | ACTIVATE 20-005 | Science           | 3.1      | 12.8          | 137.1           | 0           |
| <a href="#">02/15/20</a> | ACTIVATE 20-006 | Science           | 3.2      | 16            | 133.9           | 0           |
| <a href="#">02/16/20</a> | ACTIVATE 20-007 | Ferry             | 0.7      | 16.7          | 133.2           | 0           |
| <a href="#">02/16/20</a> | ACTIVATE 20-008 | Check             | 1.7      | 18.4          | 131.5           | 0           |
| <a href="#">02/17/20</a> | ACTIVATE 20-009 | Science           | 3.3      | 21.7          | 128.2           | 0           |
| <a href="#">02/18/20</a> | ACTIVATE 20-010 | Check             | 3        | 24.7          | 125.2           | 0           |
| <a href="#">02/20/20</a> | ACTIVATE 20-011 | Ferry             | 0.1      | 24.8          | 125.1           | 0           |
| <a href="#">02/21/20</a> | ACTIVATE 20-012 | Science           | 3.3      | 28.1          | 121.8           | 0           |
| <a href="#">02/22/20</a> | ACTIVATE 20-013 | Science           | 3.2      | 31.3          | 118.6           | 0           |

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|                          |                 |         |     |       |       |     |
|--------------------------|-----------------|---------|-----|-------|-------|-----|
| <a href="#">02/22/20</a> | ACTIVATE 20-014 | Science | 3.5 | 34.8  | 115.1 | 0   |
| <a href="#">02/23/20</a> | ACTIVATE 20-015 | Science | 3.4 | 38.2  | 111.7 | 0   |
| <a href="#">02/23/20</a> | ACTIVATE 20-016 | Science | 3.6 | 41.8  | 108.1 | 0   |
| <a href="#">02/24/20</a> | ACTIVATE 20-017 | Ferry   | 0.2 | 42    | 107.9 | 0   |
| <a href="#">02/27/20</a> | ACTIVATE 20-018 | Science | 3.6 | 45.6  | 104.3 | 0   |
| <a href="#">02/28/20</a> | ACTIVATE 20-019 | Science | 3.4 | 49    | 100.9 | 0   |
| <a href="#">02/28/20</a> | ACTIVATE 20-020 | Science | 3.3 | 52.3  | 97.6  | 0   |
| <a href="#">02/29/20</a> | ACTIVATE 20-021 | Science | 3.8 | 56.1  | 93.8  | 0   |
| <a href="#">03/01/20</a> | ACTIVATE 20-022 | Science | 3.6 | 59.7  | 90.2  | 0   |
| <a href="#">03/01/20</a> | ACTIVATE 20-023 | Science | 3.3 | 63    | 86.9  | 0   |
| <a href="#">03/02/20</a> | ACTIVATE 20-024 | Science | 3.2 | 66.2  | 83.7  | 0   |
| <a href="#">03/06/20</a> | ACTIVATE 20-025 | Science | 3.4 | 69.6  | 80.3  | 0   |
| <a href="#">03/08/20</a> | ACTIVATE 20-026 | Science | 3.2 | 72.8  | 77.1  | 0   |
| <a href="#">03/08/20</a> | ACTIVATE 20-027 | Science | 3.5 | 76.3  | 73.6  | 0   |
| <a href="#">03/09/20</a> | ACTIVATE 20-028 | Science | 3.3 | 79.6  | 70.3  | 0   |
| <a href="#">03/11/20</a> | ACTIVATE 20-029 | Science | 3   | 82.6  | 67.3  | 0   |
| <a href="#">03/12/20</a> | ACTIVATE 20-030 | Science | 3.2 | 85.8  | 64.1  | 0   |
| <a href="#">03/12/20</a> | ACTIVATE 20-031 | Science | 3.4 | 89.2  | 60.7  | 0   |
| <a href="#">08/11/20</a> | ACTIVATE 20-032 | Science | 3.4 | 92.6  | 57.3  | 828 |
| <a href="#">08/13/20</a> | ACTIVATE 20-033 | Science | 3.4 | 96    | 53.9  | 725 |
| <a href="#">08/17/20</a> | ACTIVATE 20-034 | Science | 3.5 | 99.5  | 50.4  | 0   |
| <a href="#">08/20/20</a> | ACTIVATE 20-035 | Science | 3.4 | 102.9 | 47    | 0   |
| <a href="#">08/21/20</a> | ACTIVATE 20-036 | Science | 3.3 | 106.2 | 43.7  | 700 |
| <a href="#">08/25/20</a> | ACTIVATE 20-037 | Science | 3.4 | 109.6 | 40.3  | 720 |
| <a href="#">08/26/20</a> | ACTIVATE 20-038 | Science | 3.3 | 112.9 | 37    | 700 |
| <a href="#">08/28/20</a> | ACTIVATE 20-039 | Science | 3.3 | 116.2 | 33.7  | 700 |
| <a href="#">09/02/20</a> | ACTIVATE 20-040 | Science | 3.4 | 119.6 | 30.3  | 720 |
| <a href="#">09/03/20</a> | ACTIVATE 20-041 | Science | 3.2 | 122.8 | 27.1  | 680 |
| <a href="#">09/10/20</a> | ACTIVATE 20-042 | Science | 3   | 125.8 | 24.1  | 680 |

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|--------------------------|-----------------|---------|-----|-------|------|-----|
| <a href="#">09/11/20</a> | ACTIVATE 20-043 | Science | 3.2 | 129   | 20.9 | 680 |
| <a href="#">09/15/20</a> | ACTIVATE 20-044 | Science | 3.3 | 132.3 | 17.6 | 700 |
| <a href="#">09/16/20</a> | ACTIVATE 20-045 | Science | 3.5 | 135.8 | 14.1 | 700 |
| <a href="#">09/17/20</a> | ACTIVATE 20-046 | Science | 3.2 | 139   | 10.9 | 0   |
| <a href="#">09/21/20</a> | ACTIVATE 20-047 | Science | 3.4 | 142.4 | 7.5  | 740 |
| <a href="#">09/22/20</a> | ACTIVATE 20-048 | Science | 3.7 | 146.1 | 3.8  | 820 |
| <a href="#">09/23/20</a> | ACTIVATE 20-049 | Science | 3.8 | 149.9 | 0    | 800 |

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

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