

HU-25A Guardian - LaRC #524 11/21/19

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

Flight Number: ACTIVATE 20-002

Payload Configuration: ACTIVATE In Situ Suite

Nav Data Collected: No

Total Flight Time: 2.7 hours

Submitted by: Richard Yasky on 04/17/20

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | KLFI | To: | KLFI |
| Start: | 11/21/19 16:28 Z | Finish: | 11/21/19 19:07 Z |
| Flight Time: | 2.7 hours | | |
| Log Number: | 20F001 | PI: | Armin Sorooshian |
| Funding Source: | Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program | | |
| Purpose of Flight: | Check | | |
| Comments: | CFP#2 for outer mold line changes due to probe additions. | | |

Images:

HU25 ACTIVATE Upper Probes



[Read more](#)

Flight Hour Summary:

| | 20F001 |
|---------------------------------------|--------|
| Flight Hours Approved in SOFRS | 149.9 |
| Total Used | 149.9 |
| Total Remaining | 0 |

20F001 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|-----------------|-------------------|----------|---------------|-----------------|-------------|
| 11/20/19 | ACTIVATE 20-001 | Check | 2.4 | 2.4 | 147.5 | 0 |
| 11/21/19 | ACTIVATE 20-002 | Check | 2.7 | 5.1 | 144.8 | 0 |
| 02/12/20 | ACTIVATE 20-003 | Check | 2.9 | 8 | 141.9 | 0 |
| 02/12/20 | ACTIVATE 20-004 | Check | 1.7 | 9.7 | 140.2 | 0 |
| 02/14/20 | ACTIVATE 20-005 | Science | 3.1 | 12.8 | 137.1 | 0 |
| 02/15/20 | ACTIVATE 20-006 | Science | 3.2 | 16 | 133.9 | 0 |
| 02/16/20 | ACTIVATE 20-007 | Ferry | 0.7 | 16.7 | 133.2 | 0 |
| 02/16/20 | ACTIVATE 20-008 | Check | 1.7 | 18.4 | 131.5 | 0 |
| 02/17/20 | ACTIVATE 20-009 | Science | 3.3 | 21.7 | 128.2 | 0 |

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|--------------------------|-----------------|---------|-----|-------|-------|-----|
| 02/18/20 | ACTIVATE 20-010 | Check | 3 | 24.7 | 125.2 | 0 |
| 02/20/20 | ACTIVATE 20-011 | Ferry | 0.1 | 24.8 | 125.1 | 0 |
| 02/21/20 | ACTIVATE 20-012 | Science | 3.3 | 28.1 | 121.8 | 0 |
| 02/22/20 | ACTIVATE 20-013 | Science | 3.2 | 31.3 | 118.6 | 0 |
| 02/22/20 | ACTIVATE 20-014 | Science | 3.5 | 34.8 | 115.1 | 0 |
| 02/23/20 | ACTIVATE 20-015 | Science | 3.4 | 38.2 | 111.7 | 0 |
| 02/23/20 | ACTIVATE 20-016 | Science | 3.6 | 41.8 | 108.1 | 0 |
| 02/24/20 | ACTIVATE 20-017 | Ferry | 0.2 | 42 | 107.9 | 0 |
| 02/27/20 | ACTIVATE 20-018 | Science | 3.6 | 45.6 | 104.3 | 0 |
| 02/28/20 | ACTIVATE 20-019 | Science | 3.4 | 49 | 100.9 | 0 |
| 02/28/20 | ACTIVATE 20-020 | Science | 3.3 | 52.3 | 97.6 | 0 |
| 02/29/20 | ACTIVATE 20-021 | Science | 3.8 | 56.1 | 93.8 | 0 |
| 03/01/20 | ACTIVATE 20-022 | Science | 3.6 | 59.7 | 90.2 | 0 |
| 03/01/20 | ACTIVATE 20-023 | Science | 3.3 | 63 | 86.9 | 0 |
| 03/02/20 | ACTIVATE 20-024 | Science | 3.2 | 66.2 | 83.7 | 0 |
| 03/06/20 | ACTIVATE 20-025 | Science | 3.4 | 69.6 | 80.3 | 0 |
| 03/08/20 | ACTIVATE 20-026 | Science | 3.2 | 72.8 | 77.1 | 0 |
| 03/08/20 | ACTIVATE 20-027 | Science | 3.5 | 76.3 | 73.6 | 0 |
| 03/09/20 | ACTIVATE 20-028 | Science | 3.3 | 79.6 | 70.3 | 0 |
| 03/11/20 | ACTIVATE 20-029 | Science | 3 | 82.6 | 67.3 | 0 |
| 03/12/20 | ACTIVATE 20-030 | Science | 3.2 | 85.8 | 64.1 | 0 |
| 03/12/20 | ACTIVATE 20-031 | Science | 3.4 | 89.2 | 60.7 | 0 |
| 08/11/20 | ACTIVATE 20-032 | Science | 3.4 | 92.6 | 57.3 | 828 |
| 08/13/20 | ACTIVATE 20-033 | Science | 3.4 | 96 | 53.9 | 725 |
| 08/17/20 | ACTIVATE 20-034 | Science | 3.5 | 99.5 | 50.4 | 0 |
| 08/20/20 | ACTIVATE 20-035 | Science | 3.4 | 102.9 | 47 | 0 |
| 08/21/20 | ACTIVATE 20-036 | Science | 3.3 | 106.2 | 43.7 | 700 |
| 08/25/20 | ACTIVATE 20-037 | Science | 3.4 | 109.6 | 40.3 | 720 |
| 08/26/20 | ACTIVATE 20-038 | Science | 3.3 | 112.9 | 37 | 700 |

| | | | | | | |
|--------------------------|-----------------|---------|-----|-------|------|-----|
| 08/28/20 | ACTIVATE 20-039 | Science | 3.3 | 116.2 | 33.7 | 700 |
| 09/02/20 | ACTIVATE 20-040 | Science | 3.4 | 119.6 | 30.3 | 720 |
| 09/03/20 | ACTIVATE 20-041 | Science | 3.2 | 122.8 | 27.1 | 680 |
| 09/10/20 | ACTIVATE 20-042 | Science | 3 | 125.8 | 24.1 | 680 |
| 09/11/20 | ACTIVATE 20-043 | Science | 3.2 | 129 | 20.9 | 680 |
| 09/15/20 | ACTIVATE 20-044 | Science | 3.3 | 132.3 | 17.6 | 700 |
| 09/16/20 | ACTIVATE 20-045 | Science | 3.5 | 135.8 | 14.1 | 700 |
| 09/17/20 | ACTIVATE 20-046 | Science | 3.2 | 139 | 10.9 | 0 |
| 09/21/20 | ACTIVATE 20-047 | Science | 3.4 | 142.4 | 7.5 | 740 |
| 09/22/20 | ACTIVATE 20-048 | Science | 3.7 | 146.1 | 3.8 | 820 |
| 09/23/20 | 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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