

Gulfstream III - JSC 04/15/21 - 04/16/21

Aircraft: [Gulfstream III - JSC](#) (See full schedule)

Flight Number: L-132

Payload Configuration: UAVSAR

Nav Data Collected: No

Total Flight Time: 5.1 hours

Submitted by: Debra Willett on 04/18/21

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | KEFD | To: | KEFD |
| Start: | 04/15/21 23:50 Z | Finish: | 04/16/21 04:55 Z |
| Flight Time: | 5.1 hours | | |
| Log Number: | 21G003 | PI: | Marc Simard |
| Funding Source: | Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program | | |
| Purpose of Flight: | Science | | |
| Miles Flown: | 2200 miles | | |
| Comments: | Flight Plan #: 1681_v01 (East_Terrebonne_V03). •Science lines 1-14 flown Science line 1: Moderate Turbulence during most of the line; The aircraft went out of the tube 3 times (short duration). Science line 2: Turbulence during the science line; The aircraft went out of the tube approximately 5 times. Each time out of the tube was brief (several seconds). Science line 3: Lighter turbulence during the science line; The aircraft went out of the tube for less than 1 second towards the end of the line. Science line 9: Radar had to be reset – line started at 0243 and radar was lost at ~0252 Science lines 4-8 and 10-14 were completed with no issues. | | |

Flight Hour Summary:

| | 21G003 |
|---------------------------------------|--------|
| Flight Hours Approved in SOFRS | 96 |
| Total Used | 51.2 |
| Total Remaining | 44.8 |

21G003 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|-------|-------------------|----------|---------------|-----------------|-------------|
| 03/27/21 | L-125 | Science | 5.6 | 5.6 | 90.4 | 2400 |
| 04/01/21 | L-126 | Science | 6 | 11.6 | 84.4 | 2600 |
| 04/02/21 - 04/03/21 | L-127 | Science | 5.9 | 17.5 | 78.5 | 2500 |
| 04/05/21 | L-128 | Science | 5.4 | 22.9 | 73.1 | 2300 |
| 04/06/21 | L-129 | Science | 6 | 28.9 | 67.1 | 2600 |
| 04/07/21 | L-130 | Science | 5.5 | 34.4 | 61.6 | 2300 |
| 04/12/21 | L-131 | Science | 6.1 | 40.5 | 55.5 | 2600 |
| 04/15/21 - 04/16/21 | L-132 | Science | 5.1 | 45.6 | 50.4 | 2200 |
| 04/18/21 | L-133 | Science | 5.6 | 51.2 | 44.8 | 2400 |

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.

NASA Official: Marilyn Vasques

Source URL: https://espo.nasa.gov/spade/flight_reports/Gulfstream_III_-_JSC_04_15_21_-_04_16_21