

Gulfstream V - JSC 07/20/21

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

Payload Configuration: LVIS

Nav Data Collected: No

Total Flight Time: 6 hours

Submitted by: Debra Willett on 07/21/21

Flight Segments:

From:	KBWI	To:	KBWI
Start:	07/20/21 13:56 Z	Finish:	07/20/21 19:55 Z
Flight Time:	6 hours		
Log Number:	215002	PI:	James Blair
Funding Source:	Hank Margolis - NASA - SMD - ESD Terrestrial Ecology		
Purpose of Flight:	Science		
Miles Flown:	2600 miles		

Flight Hour Summary:

	215002
Flight Hours Approved in SOFRS	74.5
Total Used	59.2
Total Remaining	15.3

215002 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/16/21		Other	2.5	2.5	72	1100
07/19/21		Science	4	6.5	68	1700
07/20/21		Science	6	12.5	62	2600
07/22/21		Transit	3.4	15.9	58.6	1500
07/23/21		Science	8.6	24.5	50	3700
07/27/21		Science	9.1	33.6	40.9	4000
07/29/21		Transit	1.4	35	39.5	600
07/29/21		Transit	1.9	36.9	37.6	800
07/31/21		Transit	2	38.9	35.6	900
07/31/21		Transit	0.1	39	35.5	50
08/01/21		Other	3.5	42.5	32	1500
08/05/21		Science	7.5	50	24.5	3300
08/06/21		Other	9.2	59.2	15.3	4000

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.

Related Science Report:

LVIS GEDI cal/val 2021 - Gulfstream V - JSC 07/20/21 Science Report

Mission: LVIS GEDI cal/val 2021

Mission Summary:

First science collection flight for GEDI cal/val. Flew long GEDI tracks along East Coast over Virginia, West Virginia, and Ohio. Flying 2 LVIS sensors (Classic LVIS and LVIS Facility). All sensors performed well. Some clouds on the southern section of lines

File:

 [LVIS-GV-7-20-2021flighttrack.pdf](#)

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Source URL: https://espo.nasa.gov/firex-aq/flight_reports/Gulfstream_V_-_JSC_07_20_21