

Gulfstream V - JSC 05/29/19

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

Flight Number: GV-16

Payload Configuration: LVIS/GEDI

Nav Data Collected: No

Total Flight Time: 8.7 hours

Submitted by: Derek Rutovic on 05/30/19

Flight Segments:

From:	KEFD	To:	KEFD
Start:	05/29/19 14:27 Z	Finish:	05/29/19 23:11 Z
Flight Time:	8.7 hours		
Log Number:	195003	PI:	James Blair
Funding Source:	James Blair - NASA - SMD - ESD GSFC Laser Remote Sensing Branch		
Purpose of Flight:	Science		
Miles Flown:	3900 miles		

Flight Hour Summary:

	195003
Flight Hours Approved in SOFRS	40
Total Used	43.1
Total Remaining	-3.1

195003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
05/18/19	GV-12	Science	3.2	3.2	36.8	1200
05/21/19 - 05/22/19	GV-13	Science	6.8	10	30	2500
05/23/19	GV-14	Science	7.5	17.5	22.5	3500
05/24/19	GV-15	Science	5.7	23.2	16.8	2500
05/29/19	GV-16	Science	8.7	31.9	8.1	3900
06/04/19	GV-17	Science	11.2	43.1	-3.1	5000

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:

GEDI LVIS Underflights - Gulfstream V - JSC 05/29/19 Science Report

Mission: GEDI LVIS Underflights

Mission Summary:

Took off from JSC/Ellington Field (KEFD) at 09:27 for a mapping flight of Coweeta and Oak Ridge, TN. Underflew a GEDI line to the target area, then mapped the 150x17 km area which is coincident with ground truth, previous LVIS surveys, and UAVSAR coverage. Landed back at KEFD at 18:05

Images:

20190529 LVIS Flight Track



[Read more](#)

Submitted by: Wu, Albert on 05/30/19

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