

## 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:**

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

**Flight Hour Summary:**

	<b>195003</b>
<b>Flight Hours Approved in SOFRS</b>	40
<b>Total Used</b>	43.1
<b>Total Remaining</b>	-3.1

**195003 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">05/18/19</a>	GV-12	Science	3.2	3.2	36.8	1200
<a href="#">05/21/19 - 05/22/19</a>	GV-13	Science	6.8	10	30	2500
<a href="#">05/23/19</a>	GV-14	Science	7.5	17.5	22.5	3500
<a href="#">05/24/19</a>	GV-15	Science	5.7	23.2	16.8	2500
<a href="#">05/29/19</a>	GV-16	Science	8.7	31.9	8.1	3900
<a href="#">06/04/19</a>	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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Page Editor: Brad Bulger

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