

Gulfstream V - JSC 08/01/19 - 08/02/19

Aircraft:

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

Flight Number:

GV-31

Payload Configuration:

LVIS/ABOVE

Nav Data Collected:

No

Total Flight Time:

6.4 hours

Submitted by:

Derek Rutovic on 08/01/19

Flight Segments:

From:	PAFA	To:	PAFA
Start:	08/01/19 19:12 Z	Finish:	08/02/19 01:36 Z
Flight Time:	6.4 hours		
Log Number:	195002	PI:	James Blair
Funding Source:	Hank Margolis - NASA - SMD - ESD Terrestrial Ecology		
Purpose of Flight:	Science		
Miles Flown:	2800 miles		

Flight Hour Summary:

	195002
Flight Hours Approved in SOFRS	97
Total Used	96.3
Total Remaining	0.7

195002 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/03/19	GV-18	Science	2.3	2.3	94.7	1000
07/12/19	GV-19	Science	7.9	10.2	86.8	3500
07/13/19	GV-20	Science	5.8	16	81	2600
07/15/19 - 07/16/19	GV-21	Science	6.2	22.2	74.8	2800
07/16/19	GV-22	Science	8.7	30.9	66.1	3900
07/18/19	GV-23	Science	5.8	36.7	60.3	2600
07/22/19 - 07/23/19	GV-24	Science	8.4	45.1	51.9	3800
07/23/19	GV-25	Science	4.8	49.9	47.1	2150
07/25/19 - 07/26/19	GV-26	Science	7.4	57.3	39.7	3300
07/27/19	GV-27	Science	4	61.3	35.7	1750
07/28/19	GV-28	Science	6	67.3	29.7	2600
07/29/19 - 07/30/19	GV-29	Science	7.1	74.4	22.6	3100
07/31/19 - 08/01/19	GV-30	Science	7	81.4	15.6	3050
08/01/19 - 08/02/19	GV-31	Science	6.4	87.8	9.2	2800
08/06/19	GV-32	Science	5.5	93.3	3.7	2400
08/07/19 - 08/08/19	GV-33	Science	3	96.3	0.7	1300

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:

ABoVE 2019 LVIS - Gulfstream V - JSC 08/01/19 Science Report

Mission:

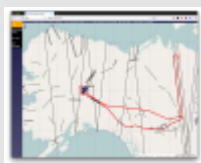
ABoVE 2019 LVIS

Mission Summary:

Took off Fairbanks, transited to underfly ICESat-2 lines over Northwest Territories and Great Bear Lake. Collected ABoVE 2010 lidar lines en route. Flew over the Shovel Creek Fire, obtained calibration ranging over Eielson AFB, and then landed Fairbanks.

Images:

20190801 LVIS Flight Track



[Read more](#)

Submitted by:

Wu, Albert on 08/01/19

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NASA Official: Marilyn Vasques

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