

Gulfstream V - JSC 03/28/19

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

Flight Number: GV-4

Payload Configuration: SWOT Cal/Val Pilot Program

Nav Data Collected: No

Total Flight Time: 1.9 hours

Submitted by: Derek Rutovic on 03/29/19

Flight Segments:

From:	KMRY	To:	KMRY
Start:	03/28/19 17:09 Z	Finish:	03/28/19 19:01 Z
Flight Time:	1.9 hours		
Log Number:	195001	PI:	Luc Lenain
Funding Source:	Parag Vaze - NASA - SMD - ESD SWOT Project Manager		
Purpose of Flight:	Science		
Miles Flown:	700 miles		
Comments:	On the first flight the payload shutdown just prior to the first line when both lidar were turned on at the same time. The system was restarted and powered up correctly when each lidar were turned on separately, but the GPS had dropped out during the shutdown and did not have the resolution that was desired. The PI requested that we RTB and refuel before reacquiring GPS on the ground and then return to the requested lines.		

Flight Hour Summary:

	195001
Flight Hours Approved in SOFRS	50
Total Used	49.7
Total Remaining	0.3

195001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
03/25/19	GV-1	Science	2	2	48	200
03/26/19	GV-2	Science	4.2	6.2	43.8	900
03/26/19 - 03/27/19	GV-3	Ferry	2.5	8.7	41.3	850
03/28/19	GV-4	Science	1.9	10.6	39.4	700
03/28/19 - 03/29/19	GV-5	Science	5.2	15.8	34.2	1500
03/29/19	GV-6	Science	6.6	22.4	27.6	1500
03/30/19 - 03/31/19	GV-7	Science	4.2	26.6	23.4	800
04/01/19 - 04/02/19	GV-8	Science	6.4	33	17	1800
04/09/19 - 04/10/19	GV-9	Science	6.8	39.8	10.2	1800
04/10/19	GV-10	Science	6	45.8	4.2	1600
04/11/19	GV-11	Ferry	3.9	49.7	0.3	1400

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.

Page Editor: Brad Bulger

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