

## Gulfstream V - JSC 11/16/19 - 11/17/19

**Aircraft:**

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

**Flight Number:**

GV-69

**Payload Configuration:**

OIB

**Nav Data Collected:**

No

**Total Flight Time:**

9.9 hours

**Submitted by:**

Derek Rutovic on 11/17/19

**Flight Segments:**

<b>From:</b>	YMHB	<b>To:</b>	YMHB
<b>Start:</b>	11/16/19 21:57 Z	<b>Finish:</b>	11/17/19 07:48 Z
<b>Flight Time:</b>	9.9 hours		
<b>Log Number:</b>	<a href="#">205003</a>	<b>PI:</b>	Joseph MacGregor
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	4300 miles		

**Flight Hour Summary:**

	<b>205003</b>
<b>Flight Hours Approved in SOFRS</b>	350
<b>Total Used</b>	248.4
<b>Total Remaining</b>	101.6

**205003 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/17/19</a>	GV-48	Science	1.9	1.9	348.1	800
<a href="#">10/17/19</a>	GV-49	Science	3.2	5.1	344.9	1400
<a href="#">10/19/19</a>	GV-50	Transit	8.2	13.3	336.7	3600
<a href="#">10/21/19 - 10/22/19</a>	GV-51	Transit	5.3	18.6	331.4	2300
<a href="#">10/22/19</a>	GV-52	Transit	7	25.6	324.4	3100
<a href="#">10/23/19 - 10/24/19</a>	GV-53	Science	10.2	35.8	314.2	4400
<a href="#">10/24/19 - 10/25/19</a>	GV-54	Science	10.1	45.9	304.1	4400
<a href="#">10/26/19 - 10/27/19</a>	GV-55	Science	10.4	56.3	293.7	4500
<a href="#">10/27/19 - 10/28/19</a>	GV-56	Science	10.2	66.5	283.5	4400
<a href="#">10/28/19 - 10/29/19</a>	GV-57	Science	10.1	76.6	273.4	4400
<a href="#">10/29/19 - 10/30/19</a>	GV-58	Science	10	86.6	263.4	4400
<a href="#">10/31/19 - 11/01/19</a>	GV-59	Science	10.2	96.8	253.2	4400
<a href="#">11/02/19 - 11/03/19</a>	GV-60	Science	10.6	107.4	242.6	4600
<a href="#">11/03/19 - 11/04/19</a>	GV-61	Science	9.6	117	233	4200

<a href="#">11/04/19 - 11/05/19</a>	GV-62	Science	10.3	127.3	222.7	4500
<a href="#">11/05/19 - 11/06/19</a>	GV-63	Science	10.2	137.5	212.5	4400
<a href="#">11/07/19 - 11/08/19</a>	GV-64	Science	10	147.5	202.5	4400
<a href="#">11/08/19 - 11/09/19</a>	GV-65	Science	9.5	157	193	4100
<a href="#">11/09/19 - 11/10/19</a>	GV-66	Science	10.2	167.2	182.8	4400
<a href="#">11/13/19 - 11/14/19</a>	GV-67	Science	10.2	177.4	172.6	4400
<a href="#">11/14/19 - 11/15/19</a>	GV-68	Science	10.4	187.8	162.2	4500
<a href="#">11/16/19 - 11/17/19</a>	GV-69	Science	9.9	197.7	152.3	4300
<a href="#">11/17/19 - 11/18/19</a>	GV-70	Science	9.9	207.6	142.4	4300
<a href="#">11/18/19 - 11/19/19</a>	GV-71	Science	10.3	217.9	132.1	4500
<a href="#">11/19/19 - 11/20/19</a>	GV-72	Science	10.4	228.3	121.7	4500
<a href="#">11/20/19 - 11/21/19</a>	GV-73	Science	3.5	231.8	118.2	1500
<a href="#">11/25/19</a>	GV-74	Ferry	5.7	237.5	112.5	2500
<a href="#">11/26/19</a>	GV-75	Ferry	10.9	248.4	101.6	4700

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:**

## OIB - Gulfstream V - JSC 11/17/19 Science Report

**Mission:**

OIB

**Mission Summary:**

Mission: Adelie-Clarie Gap 01  
Priority: Low

This mission is designed to fill gaps in bedrock topography along the Adelie and Clarie Coasts, on a 10 km grid. The gaps are between previous ICECAP surveys in the region.

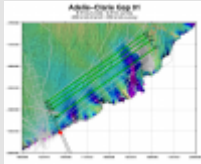
A calm wind today in Hobart and a promising forecast for the Adelie and Clarie coasts let to this mission selection, our first low-priority mission of this campaign. An impressive headwind (at one point exceeding 80 kt) slowed our arrival slightly. The flight proceeded uneventfully under broken skies with occasional moderate turbulence. We completed the whole mission with 100% data collection and no issues reported. A ramp pass at 1,500 ft AGL was performed upon return to Hobart.

Attached images:

1. Map of today's mission (John Sonntag / NASA)
2. Semi-capsized iceberg along Adelie Coast (Joe MacGregor / NASA)
3. Sea ice floes forming a script along Adelie Coast (Joe MacGregor / NASA)

**Images:**

**Map of today's mission**



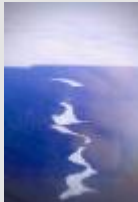
[Read more](#)

## Semi-capsized iceberg along Adelie Coast



[Read more](#)

## Sea ice floes forming a script along Adelie Coast



[Read more](#)

**Submitted by:**

Joseph MacGregor on 11/19/19

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