

Gulfstream III - LaRC 01/27/21

Aircraft: [Gulfstream III - LaRC](#) (See full schedule)

Flight Number: CMIS #1

Payload Configuration: CMIS

Nav Data Collected: No

Total Flight Time: 4.5 hours

Submitted by: Gregory L. Slover on 01/28/21

Flight Segments:

From:	KLFI	To:	KLFI
Start:	01/27/21 16:15 Z	Finish:	01/27/21 20:45 Z
Flight Time:	4.5 hours		
Log Number:	21G021	PI:	Michael Kelly
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Science		
Miles Flown:	1800 miles		
Comments:	Completed first CMIS Data Capture flight. The 4.5 hour flight included overflight of two ground sensors, correlated with two satellite overflights (AQUA and CALIPSO) areas and included overflight of both salt and fresh water areas. The general flight path included a departure out over the Atlantic Ocean, a transition to land over Boston, an overflight of Lake Erie and a large area of land observation from Pennsylvania to North Carolina.		

Flight Hour Summary:

	21G021
Flight Hours Approved in SOFRS	16
Total Used	19.1
Total Remaining	-3.1

21G021 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/21/21	CMIS CFP	Other	3.1	3.1	12.9	800
01/22/21	CMIS ICF	Check	2.7	5.8	10.2	1100
01/27/21	CMIS #1	Science	4.5	10.3	5.7	1800
01/29/21	CMIS #2	Science	4.9	15.2	0.8	1800
02/08/21 - 02/09/21	CMIS #3	Science	3.9	19.1	-3.1	1643

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.

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