

Gulfstream III - LaRC 02/08/21 - 02/09/21

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

Flight Number: CMIS #3

Payload Configuration: CMIS

Nav Data Collected: Yes

Total Flight Time: 3.9 hours

Submitted by: Gregory L. Slover on 02/09/21

Flight Segments:

From:	KLFI	To:	KLFI
Start:	02/08/21 21:50 Z	Finish:	02/09/21 01:47 Z
Flight Time:	3.9 hours		
Log Number:	21G021 - Completed as of this flight.	PI:	Michael Kelly
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Science		
Miles Flown:	1643 miles		
Comments:	This was the final CMIS TRL development science flight conducted 50% at night. All objectives met with overflight of various cloud formations, track repeats over two areas of interest. Over land, over water. A satellite underpass of ALADIN was met with good timing. Foreflight track data collected and provided. This completes the CMIS project. (Note: the 19.1 hours reflects the CFP flight that was not part of the SOFRS request but performed by RSD for safety of flight verification of the recessed portal configuration)		

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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