

B200 - LARC 02/05/22

NOTE: All flight reports will be archived as NASA public data in the DAAC.

Aircraft: [B200 - LARC](#) (See full schedule)

Flight Number: ACTIVATE 5 Research Flt 119

Payload Configuration: ACTIVATE

Nav Data Collected: No

Total Flight Time: 3.4 hours

Submitted by: Michael S. Wusk on 02/05/22

Flight Segments:

From:	klfi	To:	klfi
Start:	02/05/22 13:44 Z	Finish:	02/05/22 17:07 Z
Flight Time:	3.4 hours		
Log Number:	22B003	PI:	Armin Sorooshian
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Miles Flown:	700 miles		
Comments:	First flight of a planned two flight day of cooperative flights with the HU25. Planned take-off for 0830. Planned route JAMIE RADDZ ZIZZI FISSH LYNUS FISSH LYNUS FISSH ZIZZI RADDZ JAMIE. Strong winds at FL. Filed for FL240 due to expected high clouds. prep calls to ZNY and ZDC due to IFR flight plans needed through the B24 corridor, and actual IMC conditions for HU25. Take-off at 8:44. Good climb out and coordination through duration of the flight. 3 sondes dropped at second pass of LYNUS then 1/2 way to FISSH then FISSH. ATC directed a cut from FISSH WARNN SWL on the route home for both aircraft. Maintained FL240 until SWL then descent to RNAV 26 at KLFI. Landed at 1207 L. Quick turn and brief second flight out ZIBUT. Good engine starts but HU had a hydraulic light that would not clear and had to shutdown. Flights cancelled due to the late time of day not sufficient to allow fix and fly. Post flight discussion of Sunday/Monday plan for potential swap over or fly Tuesday.		

Flight Hour Summary:

	22B003
Flight Hours Approved in SOFRS	290
Total Used	93.7
Total Remaining	196.3

22B003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/19/21	ACTIVATE 5 ICF#1	Science	1.4	1.4	288.6	180
11/19/21	ACTIVATE 5 ICF#2	Science	1.7	3.1	286.9	220
11/30/21	ACTIVATE 5 Research Flt 94	Science	3.5	6.6	283.4	720
12/01/21	ACTIVATE 5 Research Flt 95	Science	3.5	10.1	279.9	720
12/07/21	ACTIVATE 5 Research Flt 96	Science	3.5	13.6	276.4	712
12/09/21	ACTIVATE 5 Research Flt 97	Science	3.5	17.1	272.9	698
12/09/21	ACTIVATE 5 Research Flt 98	Science	3.5	20.6	269.4	684
12/10/21	ACTIVATE 5 Research Flt 99	Science	3.3	23.9	266.1	700

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01/11/22	ACTIVATE 5Research Flt 100 and101	Science	3.6	27.5	262.5	705
01/11/22	ACTIVATE 5 Research Flt 100 and 101	Science	3.6	31.1	258.9	710
01/12/22	ACTIVATE 5 Research Flt 102 and 103	Science	3.3	34.4	255.6	705
01/12/22	ACTIVATE 5 Research Flt 102 and 103	Science	3.4	37.8	252.2	747
01/15/22	ACTIVATE 5 Research Flt 104	Science	3.7	41.5	248.5	740
01/18/22	ACTIVATE 5 Research Flt 105/106	Science	3.7	45.2	244.8	715
01/18/22	ACTIVATE 5 Research Flt 105/106	Science	3.8	49	241	706
01/19/22	ACTIVATE 5 Research Flt 107/108	Science	3.5	52.5	237.5	714
01/19/22	ACTIVATE 5 Research Flt 107/108	Science	3.4	55.9	234.1	720
01/24/22	ACTIVATE 5 Research Flt 109/110	Science	3.4	59.3	230.7	708
01/24/22	ACTIVATE 5 Research Flt 109/110	Science	3.4	62.7	227.3	715
01/26/22	ACTIVATE 5 Research Flt 111/112	Science	3.7	66.4	223.6	705
01/26/22	ACTIVATE 5 Research Flt 111/112	Science	3.7	70.1	219.9	710
01/28/22	ACTIVATE 5 Research Flt 113/114	Science	3.1	73.2	216.8	710
01/28/22	ACTIVATE 5 Research Flt 113/114	Science	3.5	76.7	213.3	710
02/01/22	ACTIVATE 5 Research Flt 115	Science	3.3	80	210	715
02/02/22	ACTIVATE 5 Research Flt 116	Science	3.7	83.7	206.3	780
02/03/22	ACTIVATE 5 Research Flt 117/118	Science	3.3	87	203	709
02/03/22	ACTIVATE 5 Research Flt 117/118	Science	3.3	90.3	199.7	711
02/05/22	ACTIVATE 5 Research Flt 119	Science	3.4	93.7	196.3	700

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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