

B200 - LARC 12/10/21

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 99

Payload Configuration: ACTIVATE

Nav Data Collected: No

Total Flight Time: 3.3 hours

Submitted by: Mark Sandeen on 12/11/21

Flight Segments:

From:	KLFI	To:	KLFI
Start:	12/10/21 12:49 Z	Finish:	12/10/21 16:06 Z
Flight Time:	3.3 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:	Final Activate flight for CY 2021. Dual aircraft flight between B200 (529) and HU-25 (524). 4 dropsondes, no significant issues noted with aircraft or with research systems. Flight planned from KLFI ATLIC ZIBUT TILED ZIBUT ATLIC KLFI, modified to replace TILED with DARUX during the flight. Weather: Departure through intermittent cloud layers, used anti-icing equipment preventatively. Arrival was through multiple cloud layers breaking out at 400 ft. During research, encountered a hazy cirrus layer at FL280, descended to FL260 during outbound leg to enter clearer air. Clear of clouds at those altitudes. Note: Pop up airspace reservation restricted altitudes between 9000 - FL250, preventing further altitude changes.		

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
01/11/22	ACTIVATE 5 Research Flt 100 and 101	Science	3.6	27.5	262.5	705

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01/11/22	ACTIVATE 5Research Flt 100 and101	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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