

B200 - LARC 01/15/22

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 104

Payload Configuration: ACTIVATE

Nav Data Collected: No

Total Flight Time: 3.7 hours

Submitted by: Michael S. Wusk on 01/18/22

Flight Segments:

From:	KLFI	To:	KLFI
Start:	01/15/22 12:56 Z	Finish:	01/15/22 16:36 Z
Flight Time:	3.7 hours		
Log Number:	22B003	PI:	Armin Sorooshian
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Miles Flown:	740 miles		
Comments:	Morning cooperative flight with HU-25. Route of flight: KLFI-ATLIC-ZIBUT-35.75N068-ZIBUT-ATLIC-TURET-KLFI. Overweight fuel for HU was requested at morning brief. Ground Crew only able to load about 500# extra. During outbound leg the turn point was altered to 3556N 06845W due to limited fuel upload. Weather clear with winds out of the NE for KLFI 08 departure. Uneventful climb with no undue delays from departure control; continued uninterrupted climb to FL280 and turn towards ATLIC. Positioning with HU-25 was maintained within 10 minutes through duration of science collection. Conditions at altitude were smooth air and clear the most of routing. As expected cirrus cloud cover at flight levels started to appear on second half of return. Descended to FL220 and continued research. 5x dropsondes deployed; ZIBUT, turn/reverse point, 2 evenly spaced between turn point and ZIBUT, and at ATLIC prior to descent. Maintained FL220 until final dropsonde release at ATLIC then commenced descent to achieve 12,000 ft altitude by TURET per ATC instructions. Uneventful recovery to runway 08 at KLFI.		

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

DO NOT CITE

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.

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

Source URL: https://airbornescience.nasa.gov/flight_reports/B200_-_LARC_01_15_22

DO NOT CITE