

## B200 - LARC 01/11/22

**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 100 and 101

Payload Configuration: ACTIVATE

Nav Data Collected: No

Total Flight Time: 7.2 hours

Submitted by: Matthew Coldsnow on 01/12/22

Flight Segments:

From:	KLFI	To:	KLFI
Start:	01/11/22 13:34 Z	Finish:	01/11/22 17:11 Z
Flight Time:	3.6 hours		
Log Number:	<a href="#">22B003</a>	PI:	Armin Sorooshian
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Miles Flown:	705 miles		
Comments:	Flight planned route included KLFI, SIE, AGUNE, 36N/07040W, ZIBUT, ATLIC, KLFI. Weather at takeoff SKC, winds 350 12G17. Departure uneventful. In route to SIE, ATC issued reroute to ZIZZI. Coordinated flight path change with NASA 524 but they were unable to follow due to restricted area. Seven dropsondes released throughout the flight. Winds were generally out of the W-NW 90-110 knots. No issues observed with instrumentation and timing was within 10 min of NASA 524 at all times.		

From:	KLFI	To:	KLFI
Start:	01/11/22 18:33 Z	Finish:	01/11/22 22:08 Z
Flight Time:	3.6 hours		
Log Number:	<a href="#">22B003</a>	PI:	Armin Sorooshian
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Miles Flown:	710 miles		
Comments:	Flight planned route included KLFI, ATLIC, ZIBUT, 3656N/07136W, 3518N/070W, 3656N/07135W, ZIBUT, ATLIC, KLFI. Weather at takeoff SKC, winds 020 11. Departure uneventful. Six dropsondes released throughout the flight (one repeat at 3656N/07136W due to no GPS). Winds were generally out of the W-NW 70-90 knots. No issues observed with instrumentation and timing was within 10 min of NASA 524 at all times.		

Flight Hour Summary:

	<b>22B003</b>
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
<a href="#">11/19/21</a>	ACTIVATE 5 ICF#1	Science	1.4	1.4	288.6	180
<a href="#">11/19/21</a>	ACTIVATE 5 ICF#2	Science	1.7	3.1	286.9	220
<a href="#">11/30/21</a>	ACTIVATE 5 Research Flt 94	Science	3.5	6.6	283.4	720
<a href="#">12/01/21</a>	ACTIVATE 5 Research Flt 95	Science	3.5	10.1	279.9	720

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<a href="#">12/07/21</a>	ACTIVATE 5Research Flt 96	Science	3.5	13.6	276.4	712
<a href="#">12/09/21</a>	ACTIVATE 5 Research Flt 97	Science	3.5	17.1	272.9	698
<a href="#">12/09/21</a>	ACTIVATE 5 Research Flt 98	Science	3.5	20.6	269.4	684
<a href="#">12/10/21</a>	ACTIVATE 5 Research Flt 99	Science	3.3	23.9	266.1	700
<a href="#">01/11/22</a>	ACTIVATE 5 Research Flt 100 and 101	Science	3.6	27.5	262.5	705
<a href="#">01/11/22</a>	ACTIVATE 5 Research Flt 100 and 101	Science	3.6	31.1	258.9	710
<a href="#">01/12/22</a>	ACTIVATE 5 Research Flt 102 and 103	Science	3.3	34.4	255.6	705
<a href="#">01/12/22</a>	ACTIVATE 5 Research Flt 102 and 103	Science	3.4	37.8	252.2	747
<a href="#">01/15/22</a>	ACTIVATE 5 Research Flt 104	Science	3.7	41.5	248.5	740
<a href="#">01/18/22</a>	ACTIVATE 5 Research Flt 105/106	Science	3.7	45.2	244.8	715
<a href="#">01/18/22</a>	ACTIVATE 5 Research Flt 105/106	Science	3.8	49	241	706
<a href="#">01/19/22</a>	ACTIVATE 5 Research Flt 107/108	Science	3.5	52.5	237.5	714
<a href="#">01/19/22</a>	ACTIVATE 5 Research Flt 107/108	Science	3.4	55.9	234.1	720
<a href="#">01/24/22</a>	ACTIVATE 5 Research Flt 109/110	Science	3.4	59.3	230.7	708
<a href="#">01/24/22</a>	ACTIVATE 5 Research Flt 109/110	Science	3.4	62.7	227.3	715
<a href="#">01/26/22</a>	ACTIVATE 5 Research Flt 111/112	Science	3.7	66.4	223.6	705
<a href="#">01/26/22</a>	ACTIVATE 5 Research Flt 111/112	Science	3.7	70.1	219.9	710
<a href="#">01/28/22</a>	ACTIVATE 5 Research Flt 113/114	Science	3.1	73.2	216.8	710
<a href="#">01/28/22</a>	ACTIVATE 5 Research Flt 113/114	Science	3.5	76.7	213.3	710
<a href="#">02/01/22</a>	ACTIVATE 5 Research Flt 115	Science	3.3	80	210	715
<a href="#">02/02/22</a>	ACTIVATE 5 Research Flt 116	Science	3.7	83.7	206.3	780
<a href="#">02/03/22</a>	ACTIVATE 5 Research Flt 117/118	Science	3.3	87	203	709
<a href="#">02/03/22</a>	ACTIVATE 5 Research Flt 117/118	Science	3.3	90.3	199.7	711
<a href="#">02/05/22</a>	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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