

## B200 - LARC 01/28/22

**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 113/114

**Payload Configuration:** ACTIVATE

**Nav Data Collected:** No

**Total Flight Time:** 6.6 hours

**Comments:** Two research flights from KLFI to KPVD @ FL280 (KLFI ATLIC CROAK 3925N06725W YAHOO SKOWL KPVD) and following the same flight plan reversed for the return flight. HU-25 and B200 maintained within 10 minutes during the entire flight. 4 dropsondes released during each flight. No significant issues with collection of data or with aircraft. Weather: No significant clouds at altitude. Winds generally out of West at about 70 knots near Virginia but generally only 25 knots once 50 nm north of CROAK. KPVD: First time refueling at Providence/TF Green, support facilities and airfield quality were good and only issue was delay in receiving fuel receipt, otherwise turnaround could have been faster. No support equipment beyond fuel was required for B200. Colder temperatures led to some concern of keeping research equipment adequately warm in B200, but was not an issue.

**Submitted by:** Mark Sandeen on 01/28/22

### Flight Segments:

<b>From:</b>	klfi	<b>To:</b>	kpvd
<b>Start:</b>	01/28/22 12:55 Z	<b>Finish:</b>	01/28/22 16:00 Z
<b>Flight Time:</b>	3.1 hours		
<b>Log Number:</b>	<a href="#">22B003</a>	<b>PI:</b>	Armin Sorooshian
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	710 miles		

<b>From:</b>	kpvd	<b>To:</b>	klfi
<b>Start:</b>	01/28/22 17:30 Z	<b>Finish:</b>	01/28/22 21:00 Z
<b>Flight Time:</b>	3.5 hours		
<b>Log Number:</b>	<a href="#">22B003</a>	<b>PI:</b>	Armin Sorooshian
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	710 miles		

### Flight Hour Summary:

	<b>22B003</b>
<b>Flight Hours Approved in SOFRS</b>	290
<b>Total Used</b>	93.7
<b>Total Remaining</b>	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
<a href="#">12/07/21</a>	ACTIVATE 5 Research Flt 96	Science	3.5	13.6	276.4	712

DO NOT CITE

<a href="#">12/09/21</a>	ACTIVATE 5Research 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.*

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

---

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/B200\\_-\\_LARC\\_01\\_28\\_22](https://airbornescience.nasa.gov/flight_reports/B200_-_LARC_01_28_22)

DO NOT CITE