

## B-200 (UC-12B) - LARC 05/19/21

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

**Aircraft:** [B-200 \(UC-12B\) - LARC](#) ([See full schedule](#))

**Flight Number:** Activate Flight 59 (Researcher #68) (Update each flight)

**Payload Configuration:** HSRL II/RSP

**Nav Data Collected:** No

**Total Flight Time:** 3.4 hours

**Submitted by:** Michael S. Wusk on 05/19/21

**Flight Segments:**

<b>From:</b>	KLFI	<b>To:</b>	KLFI
<b>Start:</b>	05/19/21 17:39 Z	<b>Finish:</b>	05/19/21 21:05 Z
<b>Flight Time:</b>	3.4 hours		
<b>Log Number:</b>	<a href="#">21B005</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>	720 miles		
<b>Comments:</b>	<p>Second flight of the day, 2-ship cooperative flight with the HU-25; routing KLFI ECG OXANA 3401N07354W 3200N07321W 3401N07354W OXANA ECG KLFI, FL280. The lat/longs constituting a CALIPSO track. CALIPSO overpass at 1854. Due to heavy Air Force take-off push, the UC was delayed about 10 minutes on takeoff. During enroute climb out we were able to negotiate a shortcut passed ECG to make up some time. Nearing OXANA we were able to negotiate an early turn onto the CALIPSO track and cut out the dog leg at OXANA. Winds at altitude were still light but with the HU making an early turn in holding we were able to close to within three nm of the HU at overpass time. Both aircraft were about 30 miles north of the planned overpass point but coincidence was considered priority. On the Northbound return leg, also coordinated a straight continuation of the CALIPSO leg to intercept AR8. Once again attempted to coordinate an off-coast return through W-72, but was denied due to heavy exclusive Navy use. Commenced descent out of FL280 and passed over ECG at FL240 on return to field. Clear visibility at altitude. Crew was Jamison, Wusk, Harper and Seaman. Aircraft performed nominally with no issues and expected ready for next flight.</p>		

### Flight Hour Summary:

	<b>21B005</b>
<b>Flight Hours Approved in SOFRS</b>	200
<b>Total Used</b>	180
<b>Total Remaining</b>	20

### 21B005 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">01/20/21</a>	Activate Flight 33	Science	3	3	197	600
<a href="#">01/29/21</a>	Activate Flight 34	Science	3	6	194	700
<a href="#">02/03/21</a>	Activate Flight 35	Science	3.3	9.3	190.7	700
<a href="#">02/10/21</a>	Activate Flight 36	Science	3.7	13	187	670
<a href="#">02/20/21</a>	Activate Flight 37 (Researcher #46)	Science	3.3	16.3	183.7	600
<a href="#">02/21/21</a>	Activate Flight 38 (Researcher #47)	Science	4	20.3	179.7	650
<a href="#">03/04/21</a>	Activate Flight 39 (Researcher #48)	Science	3.1	23.4	176.6	620
<a href="#">03/05/21</a>	Activate Flight 40 (Researcher #49)	Science	3.5	26.9	173.1	706

<a href="#">03/05/21</a>	Activate Flight 41(Researcher #50)	Science	3.3	30.2	169.8	650
<a href="#">03/08/21</a>	Activate Flight 42(Researcher #51)	Science	3.3	33.5	166.5	680
<a href="#">03/09/21</a>	Activate Flight 43(Researcher #52)	Science	3.4	36.9	163.1	708
<a href="#">03/12/21</a>	Activate Flight 44/45(Researcher #53/54)	Science	3.4	40.3	159.7	700
<a href="#">03/12/21</a>	Activate Flight 44/45(Researcher #53/54)	Science	3.5	43.8	156.2	700
<a href="#">03/20/21</a>	Activate Flight 46 (Researcher #55)	Science	3.4	47.2	152.8	705
<a href="#">03/23/21</a>	Activate Flight 47 (Researcher #56)	Science	4.1	51.3	148.7	704
<a href="#">03/29/21</a>	Activate Flight 48 (Researcher #57) (Update each flight)	Science	3.9	55.2	144.8	767
<a href="#">03/30/21</a>	Activate Flight 49 (Researcher #58) (Update each flight)	Science	3.4	58.6	141.4	712
<a href="#">03/30/21</a>	Activate Flight 50 (Researcher #59) (Update each flight)	Science	3.6	62.2	137.8	797
<a href="#">04/02/21</a>	Activate Flight 51 (Researcher #60) (Update each flight)	Science	2.6	64.8	135.2	710
<a href="#">04/02/21</a>	Activate Flight 51 (Researcher #61) (Update each flight)	Science	4.7	69.5	130.5	710
<a href="#">05/12/21</a>	Activate Flight 52 (Researcher ICF) (Update each flight)	Science	1.3	70.8	129.2	250
<a href="#">05/13/21</a>	Activate Flight 53 (Researcher #62) (Update each flight)	Science	3.7	74.5	125.5	0
<a href="#">05/14/21</a>	Activate Flight 54/55 (Researcher #63/64) (Update each flight)	Science	3.7	78.2	121.8	730
<a href="#">05/14/21</a>	Activate Flight 54/55 (Researcher #63/64) (Update each flight)	Science	3.5	81.7	118.3	720
<a href="#">05/15/21</a>	Activate Flight 56 (Researcher #65) (Update each flight)	Science	3.5	85.2	114.8	0
<a href="#">05/18/21</a>	Activate Flight 57 (Researcher #66) (Update each flight)	Science	3.6	88.8	111.2	720
<a href="#">05/19/21</a>	Activate Flight 58 (Researcher #67) (Update each flight)	Science	3.4	92.2	107.8	710
<a href="#">05/19/21</a>	Activate Flight 59 (Researcher #68) (Update each flight)	Science	3.4	95.6	104.4	720
<a href="#">05/20/21</a>	Activate Flight 60 (Researcher #69) (Update each flight)	Science	3.8	99.4	100.6	710
<a href="#">05/21/21</a>	Activate Flight 61 (Researcher #70) (Update each flight)	Science	3.6	103	97	750
<a href="#">05/21/21</a>	Activate Flight 62 (Researcher #71) (Update each flight)	Science	3.3	106.3	93.7	710
<a href="#">05/25/21</a>	Activate Flight 63 (Researcher #72) (Update each flight)	Science	3.4	109.7	90.3	713
<a href="#">05/26/21</a>	Activate Flight 64/65 (Researcher #73/74) (Update each flight)	Science	3.3	113	87	700
<a href="#">05/26/21</a>	Activate Flight 64/65 (Researcher #73/74) (Update each flight)	Science	3.3	116.3	83.7	722
<a href="#">06/01/21</a>	Activate Flight 66 (Researcher #75) (Update each flight)	Science	3.6	119.9	80.1	710

<a href="#">06/02/21</a>	Activate Flight 67/68 (Researcher #76/77) (Update each flight)	Science	3.4	123.3	76.7	0
<a href="#">06/02/21</a>	Activate Flight 67/68 (Researcher #76/77) (Update each flight)	Science	3.1	126.4	73.6	0
<a href="#">06/05/21</a>	Activate Flight 69 (Researcher #78) (Update each flight)	Science	3.4	129.8	70.2	726
<a href="#">06/07/21</a>	Activate Flight 70/71 (Researcher #79/80) (Update each flight)	Science	3.5	133.3	66.7	720
<a href="#">06/07/21</a>	Activate Flight 70/71 (Researcher #79/80) (Update each flight)	Science	2.9	136.2	63.8	690
<a href="#">06/08/21</a>	Activate Flight 72/73 (Researcher #81/82) (Update each flight)	Science	3.3	139.5	60.5	720
<a href="#">06/08/21</a>	Activate Flight 72/73 (Researcher #81/82) (Update each flight)	Science	3.6	143.1	56.9	720
<a href="#">06/15/21</a>	Activate Flight 74 (Researcher #83) (Update each flight)	Science	3.2	146.3	53.7	680
<a href="#">06/16/21</a>	Activate Flight 75 (Researcher #84) (Update each flight)	Science	3.7	150	50	690
<a href="#">06/17/21</a>	Activate Flight 76 (Researcher #85) (Update each flight)	Science	3	153	47	600
<a href="#">06/22/21</a>	Activate Flight 77 (Researcher #86) (Update each flight)	Science	3.3	156.3	43.7	690
<a href="#">06/24/21</a>	Activate Flight 78 (Researcher #87) (Update each flight)	Science	3.5	159.8	40.2	690
<a href="#">06/26/21</a>	Activate Flight 79/80 (Researcher #88/89) (Update each flight)	Science	3.4	163.2	36.8	690
<a href="#">06/26/21</a>	Activate Flight 79/80 (Researcher #88/89) (Update each flight)	Science	3.4	166.6	33.4	680
<a href="#">06/28/21</a>	Activate Flight 81 (Researcher #90) (Update each flight)	Science	3.3	169.9	30.1	690
<a href="#">06/29/21</a>	Activate Flight 82 (Researcher #91) (Update each flight)	Science	3.3	173.2	26.8	687
<a href="#">06/30/21</a>	Activate Flight 83/84 (Researcher #92/93) (Update each flight)	Science	3.4	176.6	23.4	685
<a href="#">06/30/21</a>	Activate Flight 83/84 (Researcher #92/93) (Update each flight)	Science	3.4	180	20	680

*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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