

## B-200 (UC-12B) - LARC 06/18/22

**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 179/180

**Payload Configuration:** HSRL II/RSP

**Nav Data Collected:** No

**Total Flight Time:** 3.9 hours

**Submitted by:** Matthew Coldsnow on 06/18/22

**Flight Segments:**

<b>From:</b>	TXKF	<b>To:</b>	korf
<b>Start:</b>	06/18/22 11:56 Z	<b>Finish:</b>	06/18/22 15:39 Z
<b>Flight Time:</b>	3.7 hours		
<b>Log Number:</b>	<a href="#">22B005</a>	<b>PI:</b>	Armin Sorooshian
<b>Funding Source:</b>	Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	651 miles		
<b>Comments:</b>	Science flight flown as an RTB from Bermuda. Flight plan included following points TXKF DASER SKPPR ZIBUT ATLIC KORF. Winds were out of the NW between 40-60 knots. Timing with the Falcon was within 10 min for most of the flight. A short period after SKPPR where the Falcon was in excess of 10 min before they started their spiral. A deviation to the east of 10 NM was executed near SKPPR to avoid a thunderstorm. Five dropsondes were released equally spaced across the route. All were nominal.		

<b>From:</b>	korf	<b>To:</b>	klfi
<b>Start:</b>	06/18/22 16:30 Z	<b>Finish:</b>	06/18/22 16:40 Z
<b>Flight Time:</b>	0.2 hours		
<b>Log Number:</b>	<a href="#">22B005</a>	<b>PI:</b>	Armin Sorooshian
<b>Funding Source:</b>	Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program		
<b>Purpose of Flight:</b>	Ferry		
<b>Miles Flown:</b>	20 miles		
<b>Comments:</b>	Reposition after clearing customs in ORF.		

### Flight Hour Summary:

	<b>22B005</b>
<b>Flight Hours Approved in SOFRS</b>	196.3
<b>Total Used</b>	197.2
<b>Total Remaining</b>	-0.9

### 22B005 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">02/14/22</a>	Activate Flight ICF (Update each flight)	Science	1.8	1.8	194.5	400
<a href="#">02/15/22</a>	Activate Flight 120/121 (Update each flight)	Science	3.6	5.4	190.9	708
<a href="#">02/15/22</a>	Activate Flight 120/121 (Update each flight)	Science	3.9	9.3	187	806
<a href="#">02/16/22</a>	Activate Flight 122/123 (Update each flight)	Science	3.5	12.8	183.5	713
<a href="#">02/16/22</a>	Activate Flight 122/123 (Update each flight)	Science	3.7	16.5	179.8	782

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<a href="#">02/19/22</a>	Activate Flight 124/125 (Update each flight)	Science	3.9	20.4	175.9	739
<a href="#">02/19/22</a>	Activate Flight 124/125 (Update each flight)	Science	3.6	24	172.3	690
<a href="#">02/22/22</a>	Activate Flight 126/127 (Update each flight)	Science	3.3	27.3	169	710
<a href="#">02/22/22</a>	Activate Flight 126/127 (Update each flight)	Science	3.5	30.8	165.5	710
<a href="#">02/26/22</a>	Activate Flight 128/129a/129b (Update each flight)	Science	3	33.8	162.5	700
<a href="#">02/26/22</a>	Activate Flight 128/129a/129b (Update each flight)	Science	0.3	34.1	162.2	25
<a href="#">02/26/22</a>	Activate Flight 128/129a/129b (Update each flight)	Science	2.1	36.2	160.1	600
<a href="#">03/02/22</a>	Activate Flight 130 (Update each flight)	Science	3.8	40	156.3	714
<a href="#">03/03/22</a>	Activate Flight 131/132 (Update each flight)	Science	3.5	43.5	152.8	717
<a href="#">03/03/22</a>	Activate Flight 131/132 (Update each flight)	Science	3.4	46.9	149.4	700
<a href="#">03/04/22</a>	Activate Flight 133/134 (Update each flight)	Science	3.8	50.7	145.6	761
<a href="#">03/04/22</a>	Activate Flight 133/134 (Update each flight)	Science	3.7	54.4	141.9	712
<a href="#">03/07/22</a>	Activate Flight 135 (Update each flight)	Science	3.4	57.8	138.5	716
<a href="#">03/13/22</a>	Activate Flight 137/138 (136 was HU only)(Update each flight)	Science	4	61.8	134.5	714
<a href="#">03/13/22</a>	Activate Flight 137/138 (136 was HU only)(Update each flight)	Science	3.9	65.7	130.6	700
<a href="#">03/14/22</a>	Activate Flight139/140	Science	3.4	69.1	127.2	0
<a href="#">03/14/22</a>	Activate Flight139/140	Science	3.5	72.6	123.7	0
<a href="#">03/22/22</a>	Activate Flight142/143	Science	2.6	75.2	121.1	690
<a href="#">03/22/22</a>	Activate Flight142/143	Science	3.8	79	117.3	680
<a href="#">03/26/22</a>	Activate Flight144/145	Science	3.9	82.9	113.4	750
<a href="#">03/26/22</a>	Activate Flight144/145	Science	4	86.9	109.4	800
<a href="#">03/28/22</a>	Activate Flight146	Science	4	90.9	105.4	705
<a href="#">03/29/22</a>	Activate Flight147/148	Science	4	94.9	101.4	700
<a href="#">03/29/22</a>	Activate Flight147/148	Science	3.7	98.6	97.7	700
<a href="#">05/03/22</a>	Activate Flight149	Science	3.2	101.8	94.5	710
<a href="#">05/05/22</a>	Activate Flight150/151	Science	3.4	105.2	91.1	726
<a href="#">05/05/22</a>	Activate Flight150/151	Science	3.5	108.7	87.6	728
<a href="#">05/10/22</a>	Activate Flight 152	Science	3.4	112.1	84.2	720
<a href="#">05/16/22</a>	Activate Flight 153/154	Science	3.4	115.5	80.8	685
<a href="#">05/16/22</a>	Activate Flight 153/154	Science	3.3	118.8	77.5	685
<a href="#">05/17/22</a>	Activate Flight 155	Science	3.4	122.2	74.1	682
<a href="#">05/18/22</a>	Activate Flight 156/157	Science	3	125.2	71.1	732
<a href="#">05/18/22</a>	Activate Flight 156/157	Science	4.2	129.4	66.9	732
<a href="#">05/20/22</a>	Activate Flight 158	Science	3.4	132.8	63.5	700
<a href="#">05/21/22</a>	Activate Flight 159 & 160	Science	3.2	136	60.3	640
<a href="#">05/21/22</a>	Activate Flight 159 & 160	Science	3.7	139.7	56.6	735
<a href="#">05/31/22</a>	Activate Flight 161	Science	3.6	143.3	53	700

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<a href="#">06/05/22</a>	Activate Flight 165	Science	3.5	146.8	49.5	700
<a href="#">06/07/22</a>	Activate Flight 166 and 167	Science	3.7	150.5	45.8	700
<a href="#">06/07/22</a>	Activate Flight 166 and 167	Science	3.5	154	42.3	700
<a href="#">06/08/22</a>	Activate Flight 168 and 169	Science	3.3	157.3	39	700
<a href="#">06/08/22</a>	Activate Flight 168 and 169	Science	3.7	161	35.3	700
<a href="#">06/10/22</a>	Activate Flight 170 & 171	Science	3.7	164.7	31.6	790
<a href="#">06/10/22</a>	Activate Flight 170 & 171	Science	4.1	168.8	27.5	750
<a href="#">06/11/22</a>	Activate Flight 172 & 173	Science	3.9	172.7	23.6	805
<a href="#">06/11/22</a>	Activate Flight 172 & 173	Science	3.7	176.4	19.9	800
<a href="#">06/13/22</a>	Activate Flight 174 & 175	Science	3.7	180.1	16.2	723
<a href="#">06/13/22</a>	Activate Flight 174 & 175	Science	3.6	183.7	12.6	725
<a href="#">06/14/22</a>	Activate Flight 176	Science	3.9	187.6	8.7	800
<a href="#">06/16/22</a>	Activate Flight 177	Science	1.9	189.5	6.8	378
<a href="#">06/17/22</a>	Activate Flight 178	Science	3.8	193.3	3	723
<a href="#">06/18/22</a>	Activate Flight 179/180	Science	3.7	197	-0.7	651
<a href="#">06/18/22</a>	Activate Flight 179/180	Ferry	0.2	197.2	-0.9	20

*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

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