

B-200 (UC-12B) - LARC 08/28/20

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 21

Payload Configuration: HSRL II/RSP

Nav Data Collected: No

Total Flight Time: 4.1 hours

Submitted by: Richard Yasky on 09/03/20

Flight Segments:

From:	KLFI	To:	KLFI
Start:	08/28/20 16:33 Z	Finish:	08/28/20 20:38 Z
Flight Time:	4.1 hours		
Log Number:	20B003	PI:	Armin Sorooshian
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	Flight flown in conjunction with NASA 524 performing in situ sampling along CALIPSO satellite track at overpass time. Route went east from ZIBUT turned NNW along track and then returned through ZIBUT to KLFI. Good geolocation with NASA 524 was maintained along CALIPSO track. No high altitude overflight of the local lidar was performed. Next flight potential is 9/1.		

Date: 09/03/20

Miles Flown: 790 miles

Flight Hour Summary:

	20B003
Flight Hours Approved in SOFRS	138.3
Total Used	138.3
Total Remaining	0

20B003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
12/16/19	Activate CFP	Check	1.2	1.2	137.1	0
12/16/19	Activate ICF	Science	1.7	2.9	135.4	0
02/10/20	Activate Flight 1	Science	2.5	5.4	132.9	0
02/13/20	Activate Flight 2	Science	2.5	7.9	130.4	0
02/14/20	Activate Flight 3	Science	3.5	11.4	126.9	0
02/15/20	Activate Flight 4	Science	3.3	14.7	123.6	0
02/17/20	Activate Flight 5	Science	3.3	18	120.3	0
02/27/20	Activate Flight 6	Science	3.5	21.5	116.8	0
02/28/20	Activate Flight 6	Science	4.3	25.8	112.5	0
02/28/20	Activate Flight 6	Science	4.2	30	108.3	0
02/29/20	Activate Flight 7	Science	3.4	33.4	104.9	0

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03/01/20	Activate Flight 8	Science	3.8	37.2	101.1	0
03/01/20	Activate Flight 8	Science	3.5	40.7	97.6	0
03/02/20	Activate Flight 9	Science	3.3	44	94.3	0
03/06/20	Activate Flight 10	Science	3.6	47.6	90.7	0
03/08/20	Activate Flight 11	Science	2.9	50.5	87.8	0
03/08/20	Activate Flight 11	Science	3.5	54	84.3	0
03/09/20	Activate Flight 12	Science	3.7	57.7	80.6	0
03/11/20	Activate Flight 12	Science	3.1	60.8	77.5	0
03/12/20	Activate Flight 13	Science	3.6	64.4	73.9	0
03/12/20	Activate Flight 13	Science	3.5	67.9	70.4	0
08/11/20	Activate Flight 14	Science	2.7	70.6	67.7	0
08/13/20	Activate Flight 15	Science	3.5	74.1	64.2	400
08/17/20	Activate Flight 16	Science	3.7	77.8	60.5	725
08/20/20	Activate Flight 17	Science	3.6	81.4	56.9	0
08/21/20	Activate Flight 18	Science	3.6	85	53.3	700
08/25/20	Activate Flight 19	Science	4.1	89.1	49.2	0
08/26/20	Activate Flight 20	Science	3.8	92.9	45.4	0
08/28/20	Activate Flight 21	Science	4.1	97	41.3	0
09/02/20	Activate Flight 22	Science	3.9	100.9	37.4	700
09/03/20	Activate Flight 23	Science	3.8	104.7	33.6	0
09/10/20	Activate Flight 24	Science	3.1	107.8	30.5	660
09/11/20	Activate Flight 25	Science	3.6	111.4	26.9	680
09/15/20	Activate Flight 26	Science	3.8	115.2	23.1	700
09/16/20	Activate Flight 27	Science	3.7	118.9	19.4	770
09/21/20	Activate Flight 28	Science	4	122.9	15.4	783
09/22/20	Activate Flight 29	Science	4.2	127.1	11.2	800
09/23/20	Activate Flight 30	Science	3.6	130.7	7.6	800
09/29/20	Activate Flight 31	Science	4	134.7	3.6	843
09/30/20	Activate Flight 32	Science	3.6	138.3	0	620

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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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