

B-200 (UC-12B) - LARC 03/04/21

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

Flight Number: Activate Flight 39 (Researcher #48)

Payload Configuration: HSRL II/RSP

Nav Data Collected: No

Total Flight Time: 3.1 hours

Submitted by: Glenn Jamison on 03/04/21

Flight Segments:

From:	KLFI	To:	klfi
Start:	03/04/21 17:44 Z	Finish:	03/04/21 20:50 Z
Flight Time:	3.1 hours		
Log Number:	21B005	PI:	Armin Sorooshian
Funding Source:	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
Purpose of Flight:	Science		
Miles Flown:	620 miles		
Comments:	Cooperative ACTIVATE sortie with HU-25. Route of flight: ATLIC-ZIBUT-38.2N/072.912W-BEHR-ZIBUT-ATLIC. Airborne decision was made to eliminate originally planned southern portion of flight profile (ZIBUT-36.9N/072.52W-36.5N/072.402W) due to delayed takeoff and desire to sync (location and time) with A-train overflight. FL230 was initial cruising altitude for traffic deconfliction until midway between ATLIC and ZIBUT, then leveled at FL280 until return leg ZIBUT-ATLIC, at which point descent to FL260 was accomplished for high-level cloud considerations. 4x dropsonde were released at prebriefed locations.		

Flight Hour Summary:

	21B005
Flight Hours Approved in SOFRS	200
Total Used	47.2
Total Remaining	152.8

21B005 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/20/21	Activate Flight 33	Science	3	3	197	600
01/29/21	Activate Flight 34	Science	3	6	194	700
02/03/21	Activate Flight 35	Science	3.3	9.3	190.7	700
02/10/21	Activate Flight 36	Science	3.7	13	187	670
02/20/21	Activate Flight 37 (Researcher #46)	Science	3.3	16.3	183.7	600
02/21/21	Activate Flight 38 (Researcher #47)	Science	4	20.3	179.7	650
03/04/21	Activate Flight 39 (Researcher #48)	Science	3.1	23.4	176.6	620
03/05/21	Activate Flight 40 (Researcher #49)	Science	3.5	26.9	173.1	706
03/05/21	Activate Flight 41 (Researcher #50)	Science	3.3	30.2	169.8	650
03/08/21	Activate Flight 42 (Researcher #51)	Science	3.3	33.5	166.5	680
03/09/21	Activate Flight 42 (Researcher #51)	Science	3.4	36.9	163.1	708
03/12/21	Activate Flight 42 (Researcher #51)	Science	3.4	40.3	159.7	700
03/12/21	Activate Flight 42 (Researcher #51)	Science	3.5	43.8	156.2	700

[03/20/21](#)

Activate Flight 43
(Researcher #52)

Science

3.4

47.2

152.8

705

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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