

B-200 (UC-12B) - LARC 08/17/15

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

Flight Number: SIMPL 17

Payload Configuration: SIMPL and ASD

Nav Data Collected: No

Total Flight Time: 3.9 hours

Submitted by: Richard Yasky on 08/18/15

Flight Segments:

From:	BGTL	To:	BGTL
Start:	08/17/15 11:30 Z	Finish:	08/17/15 15:23 Z
Flight Time:	3.9 hours		
Log Number:	15B011	PI:	Kelly Brunt
Funding Source:	Thorsten Markus - NASA - SMD - ESD ICESat-2 Project Scientist		
Purpose of Flight:	Science		
Comments:	SIMPL Land Ice 1/1B repeat mission to capture changes in melt ponds and flight tracks with two weeks difference and a 10,500 ft AGL target altitude. Clouds over southern areas negated both SIMPL and AVIRIS data collection so both aircraft coordinated new flight tracks emphasizing northern area with flight line deviations to capture melt ponds. Performed Pitch and roll maneuver and ramp pass upon return to BGTL.		

Flight Hour Summary:

	15B011
Flight Hours Approved in SOFRS	70
Total Used	73.1
Total Remaining	-3.1

15B011 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/21/15	SIMPL 1	Science	2.8	2.8	67.2	
07/23/15	SIMPL 2	Science	2	4.8	65.2	
07/26/15	SIMPL 3	Ferry	3.1	7.9	62.1	
07/26/15	SIMPL 4	Ferry	2.3	10.2	59.8	
07/27/15	SIMPL 5	Ferry	4.1	14.3	55.7	
07/28/15	SIMPL 6	Ferry	3.4	17.7	52.3	
07/29/15	SIMPL 6	Science	2.6	20.3	49.7	
07/30/15	SIMPL 8	Science	3.8	24.1	45.9	
08/03/15	SIMPL9	Science	3.9	28	42	
08/04/15	SIMPL 10	Science	3.2	31.2	38.8	
08/07/15	SIMPL 11	Science	4.8	36	34	
08/10/15	SIMPL 12	Science	4.7	40.7	29.3	
08/11/15	SIMPL 13	Science	3.2	43.9	26.1	
08/12/15	SIMPL 14	Science	4.4	48.3	21.7	
08/13/15	SIMPL 15	Science	4.1	52.4	17.6	
08/14/15	SIMPL 16	Science	4	56.4	13.6	
08/17/15	SIMPL 17	Science	3.9	60.3	9.7	
08/19/15	SIMPL 18	Ferry	3.2	63.5	6.5	
08/19/15	SIMPL 19	Ferry	4	67.5	2.5	
08/20/15	SIMPL 20	Ferry	2.4	69.9	0.1	
08/20/15	SIMPL 21	Ferry	3.2	73.1	-3.1	

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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