

B-200 (UC-12B) - LARC 11/20/12

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

Flight Number: DAWN R-007

Payload Configuration: DAWN Wind Profiler LIDAR

Nav Data Collected: No

Total Flight Time: 3.5 hours

Submitted by: Michael S. Wusk on 11/20/12

Flight Segments:

From:	LFI	To:	LFI
Start:	11/20/12 14:42 Z	Finish:	11/20/12 18:10 Z
Flight Time:	3.5 hours		
Log Number:	13B007	PI:	Michael Kavaya
Funding Source:	Bruce Fisher - NASA - SMD - ESD LARC Chief Engineer, Research Services Directorate		
Purpose of Flight:	Science		
Comments:	Completed Wind Profiler flight over the Charlotte NC ground based radar site. Made multiple passes (11) at 14,000' on different headings. A lower cloud deck existed over the site at about 6,000' but the instrument appeared to be able to sufficiently penetrate it. The researchers requested a couple of passes below the lower clouds if able and the Charlotte Approach controller was able to work us through for two passes at 5,000'. Throughout the flight the instrument and aircraft operated nominally. The researchers are tentatively scheduled for the next flight on Monday Nov 26.		

Flight Hour Summary:

	13B007
Flight Hours Approved in SOFRS	25
Total Used	21.9
Total Remaining	3.1

13B007 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/22/12	DAWN I-001	Science	1.5	1.5	23.5	
10/24/12	DAWN I-002	Science	2.7	4.2	20.8	
11/01/12	DAWN R-003	Science	2.3	6.5	18.5	
11/02/12	DAWN R-004	Science	2.3	8.8	16.2	
11/06/12	DAWN R-005	Science	1.9	10.7	14.3	
11/16/12	DAWN R-006	Science	2.6	13.3	11.7	
11/20/12	DAWN R-007	Science	3.5	16.8	8.2	
11/26/12	DAWN R-008	Science	2.8	19.6	5.4	
11/28/12	DAWN R-009	Science	2.3	21.9	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.

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

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