

B-200 (UC-12B) - LARC 10/24/12

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

Flight Number: DAWN I-002

Payload Configuration: DAWN Wind Profiler LIDAR

Nav Data Collected: No

Total Flight Time: 2.7 hours

Submitted by: Michael S. Wusk on 10/24/12

Flight Segments:

From:	LFI	To:	LFI
Start:	10/24/12 13:22 Z	Finish:	10/24/12 16:02 Z
Flight Time:	2.7 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:	Continued intial check of DAWN system. Mission conducted to overfly ground based wind profilers at Raleigh and Charlotte, NC and Richmond, Virginia. Crew was Kagey, Wusk, Kavaya, Cowen. Data legs flown at 16,500' and 15,500'. Good weather conditions and apparent nominal operation of the instrument. Next flight scheduled for Friday and planned for an over-water wind profiling flight.		

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.

NASA Official: Bruce A. Tagg

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