

B-200 (UC-12B) - LARC 12/18/13

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

Flight Number: SLAP R004

Payload Configuration: SLAP - Scanning L-Band Active Passive

Nav Data Collected: Yes

Total Flight Time: 3.7 hours

Submitted by: Richard Yasky on 12/18/13

Flight Segments:

From:	KLFI	To:	KESN
Start:	12/18/13 14:34 Z	Finish:	12/18/13 18:15 Z
Flight Time:	3.7 hours		
Log Number:	14B003	PI:	Edward Kim
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		
Comments:	SLAP Research flight #4 conducted to cover the same ground tracks and altitudes as the previous flight day to document differences in ground returns. Strong gusty winds at 2000 ft AGL created more than desired attitude variations but data was collected over the entire planned tracks. Bouy calibrations over the Delaware Bay bouy (SJSN4) were performed with the antenna aimed and fixed in the nadir direction before and after the flight lines at 35 degrees AOB and 40 degrees AOB respectively. Three 50 NM legs, followed by four 35 NM legs and finally a 50 NM leg were completed sequentially from north to south over the instrumented ground truth collection area. Aircraft proceeded to Easton MD Municipal airport to refuel and rebrief.		

Flight Hour Summary:

	14B003
Flight Hours Approved in SOFRS	35.5
Total Used	20.3
Total Remaining	15.2

14B003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/25/13	SLAP CFP	Check	2.4	2.4	33.1	
11/25/13	SLAP CFP	Check	1.2	3.6	31.9	
11/25/13	SLAP CFP	Check	0.6	4.2	31.3	
12/02/13	SLAP ICF#1	Check	2.5	6.7	28.8	
12/03/13	SLAP ICF#2	Check	2.3	9	26.5	
12/16/13	SLAP R003	Science	4.3	13.3	22.2	
12/18/13	SLAP R004	Science	3.7	17	18.5	
12/18/13	SLAP R005	Science	3.3	20.3	15.2	

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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