

B-200 (UC-12B) - LARC 10/25/13

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

Flight Number: G-LiHT/Hyplant Science Flight #4

Payload Configuration: G-LiHT/Hyplant

Nav Data Collected: No

Total Flight Time: 5.8 hours

Submitted by: Gregory L. Slover on 10/25/13

Flight Segments:

From:	KLFI	To:	KRDU
Start:	10/25/13 09:13 Z	Finish:	10/25/13 11:20 Z
Flight Time:	2.1 hours		
Log Number:	14B004	PI:	Bruce Cook
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		
Comments:	<p>We flew 3 G-LiHT sorties today to the Raleigh-Durham / Duke Forrest target area accomplishing a morning, noon and afternoon collect over Duke Forrest. Overall, good data was taken on all runs, all of which had promising results as cloud coverage only affected two runs that was repeated during the noon collect. Larry said sortie was completely effective. Aircraft is now at Newport News with the weekend runway closure. The morning weather reports and forecasts indicated that Duke Forrest and Parker tracks had excellent prospects for a cloud free day, starting with some clouds and improving over the day. A decision to go to Duke made due to its higher priority. The morning collect time was from 1011 – 1108 AM. All lines were flown with no repeats required. We gassed up at RDU and turned in 1+26. The noon collect was characterized by spotty few clouds at 7000 feet, occasionally impacting the data. The noon collect time was from 1258 – 1412 PM. All lines were flown with repeats on lines 3 & 5 required for cloud impacts. We gassed up at RDU and turned in 1+05. The afternoon collect was clear with wispy remains of the noon clouds. The afternoon collect time was from 1535 – 1632 PM. All lines were flown with a repeat of PM2 due to sun alignment for the principle plane since we were there 1 –hr later than the line had planned.</p>		

From:	KRDU	To:	KRDU
Start:	10/25/13 12:46 Z	Finish:	10/25/13 14:20 Z
Flight Time:	1.6 hours		
Log Number:	14B004	PI:	Bruce Cook
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		
Comments:	See sortie 1 comments.		

From:	KRDU	To:	KPHF
Start:	10/25/13 15:25 Z	Finish:	10/25/13 17:31 Z
Flight Time:	2.1 hours		
Log Number:	14B004	PI:	Bruce Cook
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		
Comments:	See sortie 1 comments, day complete/effective.		

Flight Hour Summary:

	13B010	14B004
Flight Hours Approved in SOFRS	30	
Flight Hours Previously Approved		0.9
Total Used	8.6	20.5
Total Remaining		-19.6

14B004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/24/13	G-LiHT/Hyplant Science Flight #3	Science	2.7	2.7	-1.8	
10/24/13	G-LiHT/Hyplant Science Flight #3	Ferry	0.8	3.5	-2.6	
10/25/13	G-LiHT/Hyplant Science Flight #4	Science	2.1	5.6	-4.7	
10/25/13	G-LiHT/Hyplant Science Flight #4	Science	1.6	7.2	-6.3	
10/25/13	G-LiHT/Hyplant Science Flight #4	Science	2.1	9.3	-8.4	
10/26/13	G-LiHT/Hyplant Science Flight #5	Science	2.2	11.5	-10.6	
10/26/13	G-LiHT/Hyplant Science Flight #5	Science	2	13.5	-12.6	
10/26/13	G-LiHT/Hyplant Science Flight #5	Science	2.3	15.8	-14.9	
10/27/13	G-LiHT/Hyplant Science Flight #6	Science	2	17.8	-16.9	
10/27/13	G-LiHT/Hyplant Science Flight #6	Science	2.6	20.4	-19.5	
10/28/13	G-LiHT/Hyplant Science Flight #7	Ferry	0.1	20.5	-19.6	

Source URL: https://espo.nasa.gov/aase/flight_reports/B-200_UC-12B_-_LARC_10_25_13#comment-0

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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.

13B010 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
09/04/13	G-LiHT/Hyplant ICF EMI/EMC	Science	1.4	1.4	28.6	
09/06/13	G-LiHT/Hyplant ICF EMI/EMC	Science	1.4	2.8	27.2	
09/27/13	G-LiHT/Hyplant Science Flight #1	Science	1.5	4.3	25.7	
09/27/13	G-LiHT/Hyplant Science Flight #1	Ferry	1	5.3	24.7	
09/30/13	G-LiHT/Hyplant Science Flight #2	Science	3.3	8.6	21.4	