

B-200 (UC-12B) - LARC 05/21/14

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

Flight Number: SLAP R 1407A/B

Payload Configuration: SLAP - Scanning L-Band Active Passive

Nav Data Collected: No

Total Flight Time: 4.3 hours

Submitted by: Leslie O. Kagey on 05/22/14

Flight Segments:

| | | | |
|---------------------------|--|----------------|------------------|
| From: | KLFI | To: | KRDU |
| Start: | 05/21/14 12:23 Z | Finish: | 05/21/14 16:43 Z |
| Flight Time: | 4.3 hours | | |
| Log Number: | 14B011 - Completed as of this flight. | PI: | Edward Kim |
| Funding Source: | Jared Entin - NASA - SMD - ESD Hydrology Program | | |
| Purpose of Flight: | Science | | |
| Comments: | First research flight of the day. Flight plan was a track out to western NC to complete multiple legs SW-NE over the Boone NC mountains, followed by a transit to the RDU area and some turns over a boat taking measurements on Lake Jordon. Crew was Kagey, Faulkner. Conditions for the flight were good although there were clouds below the aircraft on the NW portion of the tracks. This required the tracks to be flown at 8,500' rather than 7,500'. Light turbulence over the mountains. We had fueled to the max possible today. Transit to RDU was uneventful and a single orbit was made over the boat's location. We landed at RDU for fuel. | | |

Flight Hour Summary:

| | 14B011 |
|---------------------------------------|--------|
| Flight Hours Approved in SOFRS | 32 |
| Total Used | 22.8 |
| Total Remaining | 9.2 |

14B011 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|----------------|-------------------|----------|---------------|-----------------|-------------|
| 04/25/14 | SLAP ICF 1401 | Science | 1.1 | 1.1 | 30.9 | |
| 05/02/14 | SLAP R 1402AB | Science | 3.2 | 4.3 | 27.7 | |
| 05/02/14 | SLAP R 1402AB | Science | 1.2 | 5.5 | 26.5 | |
| 05/05/14 | SLAP R 1403AB | Science | 3.9 | 9.4 | 22.6 | |
| 05/05/14 | SLAP R 1403AB | Science | 1.6 | 11 | 21 | |
| 05/08/14 | SLAP R 1404 | Science | 1.2 | 12.2 | 19.8 | |
| 05/09/14 | SLAP R 1405AB | Science | 3.4 | 15.6 | 16.4 | |
| 05/09/14 | SLAP R 1405AB | Science | 1.4 | 17 | 15 | |
| 05/20/14 | SLAP R 1406 | Science | 1.5 | 18.5 | 13.5 | |
| 05/21/14 | SLAP R 1407A/B | Science | 4.3 | 22.8 | 9.2 | |

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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NASA Official: Bruce A. Tagg

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