

## B-200 (UC-12B) - LARC 04/25/14

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

**Flight Number:** SLAP ICF 1401

**Payload Configuration:** SLAP - Scanning L-Band Active Passive

**Nav Data Collected:** No

**Total Flight Time:** 1.1 hours

**Submitted by:** Michael S. Wusk on 04/25/14

### Flight Segments:

<b>From:</b>	KLFI	<b>To:</b>	KLFI
<b>Start:</b>	04/25/14 14:12 Z	<b>Finish:</b>	04/25/14 15:19 Z
<b>Flight Time:</b>	1.1 hours		
<b>Log Number:</b>	<a href="#">14B011</a>	<b>PI:</b>	Edward Kim
<b>Funding Source:</b>	Jared Entin - NASA - SMD - ESD Hydrology Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	ICF for SLAP after system re-installation. Crew was Slover, Wusk, Faulkner, Wu. Mission profile was a ground track from Langley to FKN to CVI to EDE and back. Flew VFR at 9,500' for the outbound portion and at 1600' on the return portion. The return, landing, taxi, and shutdown were all uneventful. Overall aircraft operation was nominal. No EMI/EMC issues were noted. TACAN was confirmed as non-functional with the SLAP installation (as noted from the previous SLAP missions). The SLAP instrument was operated in flight, including limited radar transmission, but the science crew appeared to be dealing with several off-nominal issues and were less than satisfied with the systems performance. After the flight they were working on their plan for troubleshooting and implementing fixes. Next flight is tentatively scheduled for Monday, contingent upon SLAP readiness, weather, and RSD staffing priorities with competing flight projects.		

**Flight Hour Summary:**

	<b>14B011</b>
<b>Flight Hours Approved in SOFRS</b>	32
<b>Total Used</b>	22.8
<b>Total Remaining</b>	9.2

**14B011 Flight Reports**

<b>Date</b>	<b>Flt #</b>	<b>Purpose ofFlight</b>	<b>Duration</b>	<b>Running Total</b>	<b>Hours Remaining</b>	<b>MilesFlown</b>
<a href="#">04/25/14</a>	SLAP ICF1401	Science	1.1	1.1	30.9	
<a href="#">05/02/14</a>	SLAP R1402AB	Science	3.2	4.3	27.7	
<a href="#">05/02/14</a>	SLAP R1402AB	Science	1.2	5.5	26.5	
<a href="#">05/05/14</a>	SLAP R1403AB	Science	3.9	9.4	22.6	
<a href="#">05/05/14</a>	SLAP R1403AB	Science	1.6	11	21	
<a href="#">05/08/14</a>	SLAP R 1404	Science	1.2	12.2	19.8	
<a href="#">05/09/14</a>	SLAP R1405AB	Science	3.4	15.6	16.4	
<a href="#">05/09/14</a>	SLAP R1405AB	Science	1.4	17	15	
<a href="#">05/20/14</a>	SLAP R 1406	Science	1.5	18.5	13.5	
<a href="#">05/21/14</a>	SLAP R1407A/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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