

## B-200 - LARC 01/16/13 - 01/17/13

**Aircraft:**

[B-200 - LARC \(See full schedule\)](#)

**Flight Number:**

2013 DISCOVER AQ R-005

**Payload Configuration:**

HSRL 2 and ACAM

**Nav Data Collected:**

No

**Total Flight Time:**

7.5 hours

**Submitted by:**

Michael S. Wusk on 01/16/13

**Flight Segments:**

<b>From:</b>	KPMD	<b>To:</b>	KPMD
<b>Start:</b>	01/16/13 15:30 Z	<b>Finish:</b>	01/16/13 19:11 Z
<b>Flight Time:</b>	3.7 hours		
<b>Log Number:</b>	<a href="#">13B201</a>	<b>PI:</b>	James Crawford
<b>Funding Source:</b>	Hal Maring - NASA - SMD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Completed first DISCOVER AQ flight over the SJV. Take-off from PMD at 0730 Local. Climb out and on path went without incident. About mid-flight the instrument experienced a power glitch and had to reset. The remaining portion of the research path was flown nominally. While completing end of the flight calibrations the instrument experienced another power glitch, popping a 50 amp breaker. The instrument was secured for landing, which was nominal. After shut down on the ramp, the aircraft was refueled then pulled in the hangar and troubleshooting of the electrical fault begun. Second flight dependent on troubleshooting results and time.		

<b>From:</b>	KPMD	<b>To:</b>	KPMD
<b>Start:</b>	01/16/13 21:13 Z	<b>Finish:</b>	01/17/13 01:00 Z
<b>Flight Time:</b>	3.8 hours		
<b>Log Number:</b>	<a href="#">13B201</a>	<b>PI:</b>	James Crawford
<b>Funding Source:</b>	Hal Maring - NASA - SMD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Completed second flight of deployment and second flight of the day for Discover AQ. Standard SJV flight path. Nominal operations. Successful fix of research power issue from first flight. No-fly day tomorrow in preparation for another two flight day on Friday.		

**Flight Hour Summary:**

	<b>13B201</b>
<b>Flight Hours Approved in SOFRS</b>	130
<b>Total Used</b>	54.3
<b>Total Remaining</b>	75.7
<b>13B201 Flight Reports</b>	

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">01/08/13</a>	2013 DISCOVER AQ I-001	Science	1.7	1.7	128.3
<a href="#">01/10/13</a>	2013 DISCOVER AQ I-002	Science	4.2	5.9	124.1
<a href="#">01/13/13</a>	2013 DISCOVER AQ R-003	Science	3.7	9.6	120.4
<a href="#">01/13/13</a>	2013 DISCOVER AQ R-003	Science	2.5	12.1	117.9
<a href="#">01/14/13</a>	2013 DISCOVER AQ R-004	Science	1.9	14	116
<a href="#">01/14/13</a>	2013 DISCOVER AQ R-004	Science	2.8	16.8	113.2
<a href="#">01/16/13</a>	2013 DISCOVER AQ R-005	Science	3.7	20.5	109.5
<a href="#">01/16/13 - 01/17/13</a>	2013 DISCOVER AQ R-005	Science	3.8	24.3	105.7
<a href="#">01/18/13</a>	2013 DISCOVER AQ R-006	Science	3.6	27.9	102.1
<a href="#">01/18/13 - 01/19/13</a>	2013 DISCOVER AQ R-006	Science	3.8	31.7	98.3
<a href="#">01/20/13</a>	2013 DISCOVER AQ R-007	Science	3.7	35.4	94.6
<a href="#">01/20/13</a>	2013 DISCOVER AQ R-007	Science	3.7	39.1	90.9
<a href="#">01/21/13</a>	2013 DISCOVER AQ R-008	Science	3.6	42.7	87.3
<a href="#">01/21/13</a>	2013 DISCOVER AQ R-008	Science	3.7	46.4	83.6
<a href="#">01/22/13</a>	2013 DISCOVER AQ R-009	Science	3.9	50.3	79.7
<a href="#">01/22/13 - 01/23/13</a>	2013 DISCOVER AQ R-009	Science	4	54.3	75.7

*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.*

**Source URL:** [http://airbornescience.nasa.gov/flight\\_reports/B-200\\_-\\_LARC\\_01\\_16\\_13\\_-\\_01\\_17\\_13](http://airbornescience.nasa.gov/flight_reports/B-200_-_LARC_01_16_13_-_01_17_13)