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Flight Report

Aircraft :	NASA 528 (LaRC UC-12)
Operating Site(s) From / To :	KFAF (Felker) -KLF1
Flight Date :	7/29/2011
Flight Number :	HSRL R289 F/A/ B (DISCOVER AQ 14 A/B) And a Ferry Flight (KFAF to KLF1) prior to research
Take Off Time :	F: 1344 Z KFAF A: 1437 Z KLF1 B: 1926 Z KLF1
Landing Time :	F: 1349 Z KLF1 A: 1836 Z KLF1 B: 2326 Z KLF1
Flight Time :	F: 0.1 A: 4.0 B: 4.0 8.1 hours Total
Flt Request # / PI:	11B-201 SOFRS 11-096 LaRC
Purpose of Flight :	Data <input checked="" type="checkbox"/> Ferry <input type="checkbox"/> Functional Check <input type="checkbox"/> Other <input type="checkbox"/>
Aircraft Status:	Up <input checked="" type="checkbox"/> Down <input type="checkbox"/>
Sensor Payload :	DISCOVER-AQ (HSRL & ACAM)
Comments :	Discover AQ Research Flights with HSRL & ACAM. (Ferry hop from FAF to LFI required for runway reopening). FL260, good ATC coordination. Completion of flights for this phase of DISCOVER-AQ.

SUBMITTED BY **Luci Crittenden** DATE: **7/29/11**

Flight Hours Summary

Flight	Date	Aircraft Flight #	Data Flight#	Duration (hr)	Running Total(hr)	Remaining Hours*
						100.00
KLFI-KLFI	6/25/11	11-066	ICF	1.7	1.7	98.3
KLFI-KLFI	7/01/11	11-070	1A	4.3	6.0	94.0
KLFI-KLFI	7/01/11	11-070	1B	3.4	9.4	90.6
KLFI-KLFI	7/2/11	11-071	2A	4.0	13.4	86.6
KLFI-KLFI	7/2/11	11-071	2B	3.6	17.0	83.0
KLFI-KLFI	7/5/11	11-072	3A	4.0	21.0	79.0
KLFI-KLFI	7/5/11	11-072	3B	3.9	24.9	75.1
KFAF-KPHF	7/10/11	11-079	4F	0.1	25.0	75.0
KPHF-KPHF	7/10/11	11-079	4A	3.9	28.9	71.1
KPHF-KFAF	7/10/11	11-079	4B	3.8	32.7	67.3
KFAF-KPHF	7/11/11	11-080	5F	0.1	32.8	67.2
KPHF-KPHF	7/11/11	11-080	5A	3.8	36.6	63.4
KPHF-KFAF	7/11/11	11-080	5B	3.9	40.5	59.5
KFAF-KPHF	7/14/11	11-081	6F	0.1	40.6	59.4
KPHF-KPHF	7/14/11	11-081	6A	4.0	44.6	55.4
KPHF-KFAF	7/14/11	11-081	6B	4.1	48.7	51.3
KFAF-KPHF	7/16/11	11-083	7F	0.2	48.9	51.1
KPHF-KFAF	7/16/11	11-083	7B	3.8	52.7	47.3
KFAF-KPHF	7/19/11	11-086	ICF-F	0.1	52.8	47.2
KPHF-KFAF	7/19/11	11-086	ICF	1.5	54.3	45.7
KFAF-KPHF	7/20/11	11-087	8F	.1	54.4	45.6
KPHF-KPHF	7/20/11	11-087	8A	3.9	58.3	41.7
KPHF-KFAF	7/20/11	11-087	8B	3.9	62.2	37.8
KFAF-KPHF	7/21/11	11-089	9F	.1	62.3	37.7
KPHF-KPHF	7/21/11	11-089	9A	3.9	66.2	33.8
KPHF-KFAF	7/21/11	11-089	9B	4.0	70.2	29.8
KFAF-KPHF	7/22/11	11-090	10F	.1	70.3	29.7
KPHF-KPHF	7/22/11	11-090	10A	3.8	74.1	25.9
KPHF-KFAF	7/22/11	11-090	10B	3.7	77.8	22.2
KFAF-KPHF	7/26/11	11-091	11F	.3	78.1	21.9
KPHF-KPHF	7/26/11	11-091	11A	4.0	82.1	17.9
KPHF-KFAF	7/26/11	11-091	11B	4.1	86.2	13.8

KFAF-KPHF	7/27/11	11-092	12F	.1	86.3	13.7
KPHF-KPHF	7/27/11	11-092	12A	3.9	90.2	9.8
KPHF-KFAF	7/27/11	11-092	12B	3.2	93.4	6.6
KFAF-KPHF	7/28/11	11-093	13F	.1	93.5	6.5
KPHF-KFAF	7/28/11	11-093	13A	3.9	97.4	2.6
KFAF-KLFI	7/29/11	11-096	14F	.1	97.5	2.5
KLFI-KLFI	7/29/11	11-096	14A	4.0	101.5	-1.5
KLFI-KLFI	7/29/11	11-096	14B	4.0	105.5	-5.5

Flight Notes

Flight Name: R-283a

Date: 7/29/2011

Personnel: Yasky, Crittenden, Obland, Hare

Take Off Time: 10:37 UTC

- First flight of day for DISCOVER-AQ.
- 14:45 UTC ACAM Started @ 10500
- 15:10 UTC Finished first set of Cals
- 16:12 UTC Cameras off for pass over Aberdeen
- 16:18 UTC Cameras On after pass over of Aberdeen
- 17:14 UTC Cameras off for pass over for Aberdeen
- 17:18 UTC Cameras on after Aberdeen pass over
- 17:55 UTC Cameras off after Aberdeen pass over
- 17:59 UTC Cameras on after Aberdeen pass over
- 18:15 UTC Finished Second Set of Cals

Flight Name: R-283b

Date: 7/29/2011

Personnel: Yasky, Crittenden, Obland, Hare

Take Off Time: UTC 19:26

- Second Flight of the day for Discover-AQ
- 19:34 UTC ACAM Powered
- 19:37 UTC ACAM receiving packets
- 19:59 UTC First Set of Cals Completed
- 21:02 UTC Cameras off for pass over Aberdeen
- 21:06 UTC Cameras on after pass over Aberdeen

- 22:04 UTC Cameras off for pass over Aberdeen
- 22:09 UTC Cameras on after pass over Aberdeen
- 22:46 UTC Cameras off for pass over Aberdeen
- 22:53 UTC Cameras on after pass over Aberdeen
- 23:08 UTC Second Set of Cals complete