

Other: Dynamic Aviation B200 T 09/06/17

Aircraft: Other: Dynamic Aviation B200 T - 17M048

Flight Number: OIBSM17-SciF08

Payload Configuration: OIB-LVISF2017

Nav Data Collected: No

Total Flight Time: 4.2 hours

Submitted by: J. Bryan Blair on 10/04/17

Flight Segments:

From:	BGSF	To:	BGSF
Start:	09/06/17 11:19 Z	Finish:	09/06/17 15:29 Z
Flight Time:	4.2 hours		
Log Number:	17M048	PI:	Nathan Kurtz
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		
Comments:	return to base early due to oil leak		

Flight Hour Summary:

	17M048
Flight Hours Approved in SOFRS	123
Total Used	128.5
Total Remaining	-5.5

17M048 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/16/17	OIBSM17-TF01	Check	2.1	2.1	120.9	
08/17/17	OIBSM17-TF02	Check	4	6.1	116.9	
08/19/17	OIBSM17-TF03	Check	2.6	8.7	114.3	
08/21/17	OIBSM17-TF04	Check	2.4	11.1	111.9	
08/21/17	OIBSM17-TF04	Check	1.7	12.8	110.2	
08/22/17	OIBSM17-FF01	Ferry	2.2	15	108	
08/22/17	OIBSM17-FF01	Ferry	3.1	18.1	104.9	
08/23/17	OIBSM17-FF02	Ferry	4	22.1	100.9	
08/24/17	OIBSM17-FF03	Ferry	3.6	25.7	97.3	
08/25/17	OIBSM17-SciF01	Science	5.3	31	92	
08/29/17	OIBSM17-SciF02	Science	7	38	85	
08/30/17	OIBSM17-SciF03	Science	5.5	43.5	79.5	
09/01/17	OIBSM17-SciF04	Science	4	47.5	75.5	
09/02/17	OIBSM17-SciF05	Science	5.6	53.1	69.9	
09/04/17	OIBSM17-SciF06	Science	7.7	60.8	62.2	
09/05/17	OIBSM17-SciF07	Science	7.3	68.1	54.9	
09/06/17	OIBSM17-SciF08	Science	4.2	72.3	50.7	
09/09/17	OIBSM17-SciF09	Science	6.5	78.8	44.2	

09/12/17	OIBSM17- SciF10	Science	5.9	84.7	38.3
09/12/17	OIBSM17- SciF11	Science	5.1	89.8	33.2
09/13/17	OIBSM17- SciF12	Science	6	95.8	27.2
09/18/17	OIBSM17- SciF13	Science	4.4	100.2	22.8
09/19/17	OIBSM17- SciF14	Science	6.6	106.8	16.2
09/20/17	OIBSM17- SciF15	Science	6.5	113.3	9.7
09/21/17	OIBSM17-FF04	Ferry	4.1	117.4	5.6
09/22/17	OIBSM17-FF05	Ferry	4	121.4	1.6
09/22/17	OIBSM17-FF05	Ferry	2.1	123.5	-0.5
09/22/17	OIBSM17-FF05	Ferry	1	124.5	-1.5
10/05/17	OIBSM17-TF05	Check	4	128.5	-5.5

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.

Related Science Report:

OIB 2017 - Other: 09/06/17 - 10/06/17 Science Report

Mission: OIB 2017

Mission Summary:

Hi everyone

Today turned out to be a slightly shorter flight day than planned with the plane returning to base with an oil leak. From the planned Umanaq flight, we surveyed the 2 coastal lines plus Icesat tracks for the transit to and from Kangerlussuaq. There were clear skies on the lines and both LVIS and the camera operated normally. After returning to base early afternoon, our crew worked to identify the problem part, and have arranged with Dynamic for a new one to be hand carried from Bridgewater, arriving Friday (thank you for the quick turnaround!). Plan is to resume operations on Saturday. In the meantime, we'll get to enjoy a mid-week down day.

Thanks!

Michelle

File:

 [lvis_Umanaq_904.pdf](#)

Submitted by: J. Bryan Blair on 10/05/17

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