

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

**Aircraft:** Other: Dynamic Aviation B200 T - 17M048

**Date:** Wednesday, September 6, 2017 - Friday, October 6, 2017

**Mission:** OIB 2017

**Mission Location:** Kangerlussuaq, Greenland

**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

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

**File:**

 [lvis\\_Umanaq\\_904.pdf](#)

**Related Flight Report:**

### Other: Dynamic Aviation B200 T 09/06/17

**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:**

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

**Flight Hour Summary:**

	<b>17M048</b>
<b>Flight Hours Approved in SOFRS</b>	123
<b>Total Used</b>	128.5
<b>Total Remaining</b>	-5.5

**17M048 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">08/16/17</a>	OIBSM17-TF01	Check	2.1	2.1	120.9	
<a href="#">08/17/17</a>	OIBSM17-TF02	Check	4	6.1	116.9	
<a href="#">08/19/17</a>	OIBSM17-TF03	Check	2.6	8.7	114.3	
<a href="#">08/21/17</a>	OIBSM17-TF04	Check	2.4	11.1	111.9	

<a href="#">08/21/17</a>	OIBSM17-TF04	Check	1.7	12.8	110.2
<a href="#">08/22/17</a>	OIBSM17-FF01	Ferry	2.2	15	108
<a href="#">08/22/17</a>	OIBSM17-FF01	Ferry	3.1	18.1	104.9
<a href="#">08/23/17</a>	OIBSM17-FF02	Ferry	4	22.1	100.9
<a href="#">08/24/17</a>	OIBSM17-FF03	Ferry	3.6	25.7	97.3
<a href="#">08/25/17</a>	OIBSM17-SciF01	Science	5.3	31	92
<a href="#">08/29/17</a>	OIBSM17-SciF02	Science	7	38	85
<a href="#">08/30/17</a>	OIBSM17-SciF03	Science	5.5	43.5	79.5
<a href="#">09/01/17</a>	OIBSM17-SciF04	Science	4	47.5	75.5
<a href="#">09/02/17</a>	OIBSM17-SciF05	Science	5.6	53.1	69.9
<a href="#">09/04/17</a>	OIBSM17-SciF06	Science	7.7	60.8	62.2
<a href="#">09/05/17</a>	OIBSM17-SciF07	Science	7.3	68.1	54.9
<a href="#">09/06/17</a>	OIBSM17-SciF08	Science	4.2	72.3	50.7
<a href="#">09/09/17</a>	OIBSM17-SciF09	Science	6.5	78.8	44.2
<a href="#">09/12/17</a>	OIBSM17-SciF10	Science	5.9	84.7	38.3
<a href="#">09/12/17</a>	OIBSM17-SciF11	Science	5.1	89.8	33.2
<a href="#">09/13/17</a>	OIBSM17-SciF12	Science	6	95.8	27.2
<a href="#">09/18/17</a>	OIBSM17-SciF13	Science	4.4	100.2	22.8
<a href="#">09/19/17</a>	OIBSM17-SciF14	Science	6.6	106.8	16.2
<a href="#">09/20/17</a>	OIBSM17-SciF15	Science	6.5	113.3	9.7
<a href="#">09/21/17</a>	OIBSM17-FF04	Ferry	4.1	117.4	5.6
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	4	121.4	1.6
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	2.1	123.5	-0.5
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	1	124.5	-1.5
<a href="#">10/05/17</a>	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.*

Page Editor: Brad Bulger

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