

## Other: Dynamic Aviation B200 T 09/02/17

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

**Flight Number:** OIBSM17-SciF05

**Payload Configuration:** OIB-LVISF2017

**Nav Data Collected:** No

**Total Flight Time:** 5.6 hours

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

**Flight Segments:**

<b>From:</b>	BGSF	<b>To:</b>	BGSF
<b>Start:</b>	09/02/17 12:40 Z	<b>Finish:</b>	09/02/17 18:16 Z
<b>Flight Time:</b>	5.6 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		

**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.*

**Related Science Report:**

**Other: Dynamic Aviation B200 T 09/02/17 Science Report**

**Mission Summary:**

All,

LVIS successfully completed a flight to the Helheim/Kangerdlussuaq area today. We flew the 2 grid lines closest to the coast as well as transiting to and from along transit/K-transect (though predicted cloudy) since no impact to flight time.

A stronger than forecast tail/head wind and impacts to fuel meant that we were not able to fly the short lines over Kangerdlussuaq glacier - though we have another chance to get these on a second flight to this area. Data collection along the lines was clear with LVIS and the camera operating normally. Although cloudy on the transits, the laser was able to often range to the surface meaning elevation measurements were collected en route particularly on the eastern side of the island. The transit along the K-transect was too cloudy for surface returns.

Tomorrow will be a down day and we will start ops again on Monday.

Thanks!

Michelle

**File:**

 [lvis\\_closeHelKang1\\_902.pdf](#)

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

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

**Source URL:**

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