

OIB 2017 - Other: 09/13/17 Science Report

Aircraft: Other: Dynamic Aviation B200 T - 17M048

Date: Wednesday, September 13, 2017

Mission: OIB 2017

Mission Location: Kangerlussuaq, Greenland

Mission Summary:

HI folks

Today we completed flight HelKang2, adding 3 glacier lines that were dropped from flight HelKang1 last week because of wind/range concerns. The western half of the country was predominantly clouded, but data were collected on the transits on the eastern side to and from the lines. Data lines were clear although some clouds were present around the calving front of Helheim. LVIS and camera operated normally.

Attached are a couple pictures taken by David Rabine (61A) of a couple of the smaller glacier systems between Helheim and Kangerdlussuaq from 28,000' along with a map of the lines flown on today's flight.

Thanks,
michelle

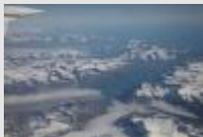
Images:

Images of a couple of the smaller glacier systems between Helheim and



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Images of a couple of the smaller glacier systems between Helheim and



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

File:

 [Ivis_HelKang2_913r.pdf](#)

Related Flight Report:

Other: Dynamic Aviation B200 T 09/13/17

Flight Number: OIBSM17-SciF12

Payload Configuration: OIB-LVISF2017

Nav Data Collected: No

Total Flight Time: 6 hours

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

Flight Segments:

From:	BGSF	To:	BGSF
Start:	09/13/17 12:07 Z	Finish:	09/13/17 18:06 Z
Flight Time:	6 hours		
Log Number:	17M048	PI:	Nathan Kurtz
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		

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.

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Page Editor: Brad Bulger

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