

Twin Otter - GRC 07/26/18

Aircraft: [Twin Otter - GRC](#) ([See full schedule](#))

Flight Number: GREX 2018-10 (KLNK Flight 7)

Payload Configuration: GREX Sensor

Nav Data Collected: Yes

Total Flight Time: 3 hours

Submitted by: Kurt Blankenship on 07/26/18

Flight Segments:

From:	LNK	To:	LNK
Start:	07/26/18 14:04 Z	Finish:	07/26/18 17:04 Z
Flight Time:	3 hours		
Log Number:	18T003	PI:	Edward Kim
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		
Comments:	Last GREX flight in Lincoln NE, all 5 lines were flown except that the last segment of line five was dropped. Lines were flown at 2,600' MSL. Good weather no issues noted.		

Flight Hour Summary:

	18T003
Flight Hours Approved in SOFRS	35
Total Used	28.6
Total Remaining	6.4

18T003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/12/18	GREX 2018-1 (Engineering Check Flight)	Science	1.1	1.1	33.9	
07/16/18	GREX 2018-2 (Ferry to KLNK)	Ferry	2.9	4	31	
07/16/18	GREX 2018-3 (Ferry to KLNK)	Ferry	2.2	6.2	28.8	
07/17/18	GREX 2018-4 (KLNK Flight 1)	Science	1	7.2	27.8	
07/19/18	GREX 2018-5 (KLNK Flight 2)	Science	3.5	10.7	24.3	
07/20/18	GREX 2018-6 (KLNK Flight 3)	Science	2.3	13	22	
07/23/18	GREX 2018-7 (KLNK Flight 4)	Science	3.2	16.2	18.8	
07/24/18	GREX 2018-8 (KLNK Flight 5)	Science	3.1	19.3	15.7	
07/25/18	GREX 2018-9 (KLNK Flight 6)	Science	1.7	21	14	
07/26/18	GREX 2018-10 (KLNK Flight 7)	Science	3	24	11	
07/27/18	GREX 2018-11 (Ferry KLNK to KMLI)	Ferry	2	26	9	
07/27/18	GREX 2018-12 (Ferry KMLI to KCLE)	Ferry	2.6	28.6	6.4	

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:

GREX GRAINEx Overflight - Twin Otter - GRC 07/26/18 Science Report


Mission: GREX GRAINEx Overflight

Mission Summary:

Flight went well. Completed all lines except 5.2 (nominal for the max fuel load). Quicklook is attached.

Submitted by: Wu, Albert on 07/26/18

Flight Tracks:

Attachment	Size
 GREX track for July 26,2018	6.24 MB

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

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