

SnowEx Winter 1 - Other: NRL P-3 02/18/17 Science Report

Aircraft: Other: NRL P-3 - 17M034

Date: Saturday, February 18, 2017

Mission: SnowEx Winter 1

Mission Location: Petersen AFB, Colorado Springs, CO

Mission Summary:

Flew an abbreviated version of the full science flight over the Mesa. Successfully flew all the SnowSAR lines planned and also obtained CAR circles. The conditions were pretty cloudy, so IR Sensor Suite collected some data during the times when there were breaks in the clouds. Also had significant cross winds, which forced the aircraft to re-do some lines. Altitudes varied between 1300 ft AGL and 7600 ft AGL. Pilots were Cmrdr Neall, Duration: 3.7 hours.

Submitted by: Eugenia De Marco on 02/24/17

Related Flight Report:

Other: NRL P-3 02/18/17

Payload Configuration: SnowEx - Winter 1 (2018)

Nav Data Collected: No

Total Flight Time: 3.7 hours

Submitted by: Eugenia De Marco on 04/13/17

Flight Segments:

From:	Petersen AFB, CO	To:	Petersen AFB, CO
Start:	02/18/17 15:15 Z	Finish:	02/18/17 18:55 Z
Flight Time:	3.7 hours		
Log Number:	17M034	PI:	Edward Kim
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	17M034
Flight Hours Approved in SOFRS	48
Total Used	32.5
Total Remaining	15.5

17M034 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/16/17		Transit	5.7	5.7	42.3	
02/16/17 - 02/17/17		Science	4.4	10.1	37.9	
02/18/17		Science	3.7	13.8	34.2	
02/20/17		Science	4	17.8	30.2	
02/21/17		Science	5.8	23.6	24.4	
02/22/17		Science	5	28.6	19.4	
03/04/17 - 03/05/17		Ferry	3.9	32.5	15.5	

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 Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

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