

Other: Twin Otter International 10/15/20 - 10/25/20

Aircraft: Other: Twin Otter International

Flight Number: Flight Test Period 3

Payload Configuration: IIP MURI (Multiband Uncooled Radiometer Instrument)

Nav Data Collected: No

Total Flight Time: 31.2 hours

Submitted by: Scott Ventresco on 10/27/20

Flight Segments:

From:	GJT	To:	GJT
Start:	10/15/20 16:50 Z	Finish:	10/15/20 18:40 Z
Flight Time:	1.8 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Check		
Miles Flown:	140 miles		
Comments:	Shakedown checkout		

From:	GJT	To:	CSN
Start:	10/20/20 15:10 Z	Finish:	10/20/20 21:10 Z
Flight Time:	5 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Ferry		
Miles Flown:	550 miles		
Comments:	Ferry to Carson City, NV (CSN)		

From:	CSN	To:	MCE
Start:	10/21/20 16:50 Z	Finish:	10/21/20 20:50 Z
Flight Time:	4 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Science		
Miles Flown:	526 miles		
Comments:	Data collect over Lake Tahoe and Russel Ranch coincident with Landsat8 overpass		

From:	MCE	To:	SNA
Start:	10/21/20 20:50 Z	Finish:	10/22/20 00:10 Z
Flight Time:	3.3 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Ferry		
Miles Flown:	340 miles		
Comments:	Refuel in Merced (MCE) then ferry to SNA		

From:	SNA	To:	SNA
Start:	10/22/20 21:30 Z	Finish:	10/23/20 00:30 Z
Flight Time:	3 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		

Purpose of Flight:	Science
Miles Flown:	372 miles
Comments:	Data Collect over JFTB Pool, EDP Lake, Res Inn Pool, NOAA Buoys 46253 and 46222

From:	SNA	To:	SNA
Start:	10/23/20 17:15 Z	Finish:	10/23/20 21:15 Z
Flight Time:	4 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Science		
Miles Flown:	372 miles		
Comments:	Data Collect over Lake Isabella, CA -Landsat8 underflight		

From:	SNA	To:	TRM
Start:	10/25/20 17:10 Z	Finish:	10/25/20 20:25 Z
Flight Time:	3.3 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Science		
Miles Flown:	382 miles		
Comments:	Data collects over Salton Sea Buoy and East shoreline -Landsat8 underflight, refuel in Thermal		

From:	TRM	To:	SLI
Start:	10/25/20 21:50 Z	Finish:	10/25/20 23:00 Z
Flight Time:	1.2 hours		
Log Number:	21M019	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Transit		
Miles Flown:	135 miles		
Comments:	Transit from Thermal, CA to Los Alamitos JFTB (SLI)		

From:	SLI	To:	GJT
Flight Time:	5.6 hours		
Log Number:	21M019 - Completed as of this flight.	PI:	Philip Ely
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Ferry		
Miles Flown:	581 miles		
Comments:	De-install system at SLI. Aircraft ferry back to GJT.		

Flight Hour Summary:

	21M019
Flight Hours Approved in SOFRS	40
Total Used	31.2
Total Remaining	8.8

21M019 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
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10/15/20	Flight Test Period 3	Check	1.8	1.8	38.2	140
10/20/20	Flight Test Period 3	Ferry	5	6.8	33.2	550
10/21/20	Flight Test Period 3	Science	4	10.8	29.2	526
10/21/20 - 10/22/20	Flight Test Period 3	Ferry	3.3	14.1	25.9	340
10/22/20 - 10/23/20	Flight Test Period 3	Science	3	17.1	22.9	372
10/23/20	Flight Test Period 3	Science	4	21.1	18.9	372
10/25/20	Flight Test Period 3	Science	3.3	24.4	15.6	382
10/25/20	Flight Test Period 3	Transit	1.2	25.6	14.4	135
10/26/20	Flight Test Period 3	Ferry	5.6	31.2	8.8	581

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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