

HU-25A Guardian - LaRC #524 03/12/21

Aircraft: [HU-25A Guardian - LaRC #524](#) (See full schedule)

Flight Number: ACTIVATE 21-058

Payload Configuration: ACTIVATE In Situ Suite

Nav Data Collected: No

Total Flight Time: 7 hours

Submitted by: Gregory L. Slover on 03/12/21

Flight Segments:

From:	KLFI	To:	KLFI
Start:	03/12/21 12:35 Z	Finish:	03/12/21 16:05 Z
Flight Time:	3.5 hours		
Log Number:	21F001	PI:	Armin Sorooshian
Funding Source:	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
Purpose of Flight:	Science		
Miles Flown:	705 miles		
Comments:	ACTIVATE Science flight from KLFI ECG OXANA 34/-73.2517 32.3/-72.7821 34/-73.2517 OXANA ECG KLFI. Altitudes flown were from 500' over water, 1000' min over land up to about 6500' MSL above the cloud layers. Clouds were thin, no more than 1000' thick and scattered throughout the route. Route flown as planned with a few deviations from centerline when needed to ensure 3-min legs for wind calibration. Flown in conjunction with NASA528 at high altitude.		

From:	KLFI	To:	KLFI
Start:	03/12/21 17:15 Z	Finish:	03/12/21 20:48 Z
Flight Time:	3.5 hours		
Log Number:	21F001	PI:	Armin Sorooshian
Funding Source:	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
Purpose of Flight:	Science		
Miles Flown:	705 miles		
Comments:	ACTIVATE Science flight from KLFI ECG OXANA 34/-73.2517 32.3/-72.7821 34/-73.2517 OXANA ECG KLFI in concert with a CALIPSO underpass at 1845Z. Altitudes flown were from 500' over water, 1000' min over land up to about 6500' MSL above the cloud layers. Clouds were thin, no more than 1000' thick and scattered throughout the route. Route flown as planned with a few deviations from centerline when needed to ensure 3-min legs for wind calibration. Flown in conjunction with NASA528 at high altitude.		

Flight Hour Summary:

	21F001
Flight Hours Approved in SOFRS	200
Total Used	45.6
Total Remaining	154.4

21F001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/20/21	ACTIVATE 20-049	Science	3	3	197	700
01/27/21	ACTIVATE 20-049	Science	2.7	5.7	194.3	700
01/29/21	ACTIVATE 21-050	Science	3	8.7	191.3	664
02/03/21	ACTIVATE 21-051	Science	3.1	11.8	188.2	675

03/04/21	ACTIVATE 21-052	Science	3.1	14.9	185.1	675
03/05/21	ACTIVATE 21-054	Science	3.5	18.4	181.6	625
03/05/21	ACTIVATE 21-054	Science	3.2	21.6	178.4	675
03/08/21	ACTIVATE 21-055	Science	3.5	25.1	174.9	690
03/09/21	ACTIVATE 21-056	Science	3.3	28.4	171.6	745
03/12/21	ACTIVATE 21-058	Science	3.5	31.9	168.1	705
03/12/21	ACTIVATE 21-058	Science	3.5	35.4	164.6	705
03/20/21	ACTIVATE 21-058	Science	3.4	38.8	161.2	705
03/20/21	ACTIVATE 21-058	Science	3.4	42.2	157.8	705
03/20/21	ACTIVATE 21-059	Science	3.4	45.6	154.4	705

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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