B200 - LARC 02/24/21

Aircraft: B200 - LARC (See full schedule)
Flight Number: SLAP Inst Cal/Op Trng
Payload Configuration: SLAP
Nav Data Collected: No
Total Flight Time: 3.1 hours
Submitted by: Glenn Jamison on 02/24/21
Flight Segments:

From:	klfi	**To:**	klfi
Start:	02/24/21 15:09 Z	**Finish:**	02/24/21 16:29 Z
Flight Time:	1.3 hours		
Log Number:	21B009	**PI:**	Edward Kim
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		
Miles Flown:	220 miles		
Comments:	Instrument calibration/characterization and Operator Training sortie, first of two sorties conducted on 24 Feb 21. QNC: Kim. Airborne shutdown and startup of instrument; east-west transects conducted south of Lake Drummond; buoy/water calibration at York river, northeast of KFLI.		

From:	klfi	**To:**	klfi
Start:	02/24/21 18:35 Z	**Finish:**	02/24/21 20:22 Z
Flight Time:	1.8 hours		
Log Number:	21B009	**PI:**	Edward Kim
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		
Miles Flown:	240 miles		
Comments:	Instrument calibration/characterization and Operator Training sortie, second of two sorties conducted on 24 Feb 21. QNC: Izadkhah. Airborne shutdown and startup of instrument; water calibration over Kerr reservoir; east-west transects conducted east of Roanoke Falls, VA; buoy/water calibration at York river, northeast of KLFI.		

Flight Hour Summary:

	21B009
Flight Hours Approved in SOFRS	25
Total Used	19.9
Total Remaining	5.1

21B009 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/04/21	SLAP ICF/EMI/EMC	Check	2.1	2.1	22.9	320
02/10/21	SLAP Temp Cal	Science	2.6	4.7	20.3	374
02/10/21	SLAP Temp Cal	Science	2.6	7.3	17.7	375
02/17/21	SLAP Temp Cal	Science	2.8	10.1	14.9	375
02/23/21	SLAP Inst Cal/Op Trng	Science	1.7	11.8	13.2	220
02/23/21	SLAP Inst Cal/Op Trng	Science	1.4	13.2	11.8	220
02/24/21	SLAP Inst Cal/Op Trng	Science	1.3	14.5	10.5	220
02/24/21	SLAP Inst Cal/Op Trng	Science	1.8	16.3	8.7	240

02/25/21	SLAP Inst Cal/Op Trng	Science	1.9	18.2	6.8	250
02/25/21	SLAP Inst Cal/Op Trng	Science	1.7	19.9	5.1	220

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:

SLAP Local 2021 - B200 - LARC 02/24/21 Science Report

Mission: SLAP Local 2021
Mission Summary:

Third of six operator training flights to prepare for science flights this summer.

Departed KLFI and leveled off at 1000 AGL science altitude. Proceeded to farmland south of the Great Dismal Swamp which contains irrigated and non-irrigated areas in an East-West gradient, and flew two science lines. Fault conditions were intentionally introduced into the instrument data system to train operator.

Performed a water calibration over buoys in the Chesapeake Bay Northeast of Hampton, then returned to KLFI.

Second flight was fourth of six operator training flights to prepare for science flights this summer.

Departed KLFI and leveled off at 1000 AGL science altitude. Proceeded to perfom water calibration over Kerr Reservoir, then flew three science lines in the farmland West of Murfreesboro. Fault conditions were intentionally introduced into the instrument data system to train operator.

Performed a water calibration over buoys in the Chesapeake Bay Northeast of Hampton, then returned to KLFI.

Submitted by: Wu, Albert on 02/25/21

SLAP Local 2021 - B200 - LARC 02/24/21 Science Report

Mission: SLAP Local 2021
Mission Summary:

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Submitted by: Wu, Albert on 02/25/21

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