

SLAP LIAISE 2021 - B200 - LARC 07/17/21 Science Report

Aircraft: [B200 - LARC](#) (See full schedule)

Date: Saturday, July 17, 2021

Mission: SLAP LIAISE 2021

Mission Location: Ebro Basin, Spain

Mission Summary:

Saturday, 17 July was the third IOP (intensive observation) day of the two-week LIAISE special observation period (SOP). SLAP was flown at our low-altitude mapping lines, 17 km long spaced 350 m apart, to maximize spatial resolution. At this altitude, SLAP can only operate in the passive (radiometer) mode, though the last line was flown at 3,500 ft in order to see whether our scatterometer transmissions interfered with the ground-based radar used by LIAISE for atmospheric profiling.

Submitted by: Wu, Albert on 07/17/21

Related Flight Report:

B200 - LARC 07/17/21

Flight Number: SLAP LIAISE research flight #3

Payload Configuration: SLAP

Nav Data Collected: No

Total Flight Time: 3.4 hours

Submitted by: Gregory L. Slover on 07/17/21

Flight Segments:

From:	LEVC	To:	LEVC
Start:	07/17/21 05:58 Z	Finish:	07/17/21 09:20 Z
Flight Time:	3.4 hours		
Log Number:	21B004	PI:	Edward Kim
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		
Miles Flown:	550 miles		
Comments:	SLAP LIAISE Spain sortie #3. Low profile completed at 2,200' MSL. One transect, two cal lines and one 4,500' MSL transmitting parallel leg. All objectives met.		

Flight Hour Summary:

	21B004
Flight Hours Approved in SOFRS	95.8
Total Used	78.1
Total Remaining	17.7

21B004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
06/28/21	SLAP Ferry #1	Ferry	4.8	4.8	91	0
06/28/21	SLAP Ferry #1	Ferry	5	9.8	86	0
06/29/21	SLAP Ferry #2	Ferry	3.3	13.1	82.7	0
07/08/21	ICF#1	Science	2	15.1	80.7	292
07/11/21	SLAP ferry #3/#4	Ferry	3.8	18.9	76.9	620
07/11/21	SLAP ferry #3/#4	Science	2.8	21.7	74.1	540
07/15/21	SLAP LIAISE research flight #1	Science	3.4	25.1	70.7	560
07/16/21	SLAP LIAISE research flight #2	Science	3.8	28.9	66.9	530

07/17/21	SLAP LIASE research flight #3	Science	3.4	32.3	63.5	550
07/24/21	SLAP LIASE research flight #4 & #5	Science	4	36.3	59.5	540
07/24/21	SLAP LIASE research flight #4 & #5	Science	4	40.3	55.5	540
07/25/21	SLAP LIASE research flight #6	Science	3.8	44.1	51.7	530
07/27/21	SLAP LIASE research flight #7	Science	3.8	47.9	47.9	640
07/28/21	SLAP LIASE research flight #8	Science	4.1	52	43.8	655
07/29/21	SLAP LIASE research flight #9	Science	4.1	56.1	39.7	678
08/06/21	SLAP ferry #5/#6	Transit	2.9	59	36.8	412
08/06/21	SLAP ferry #5/#6	Transit	3.2	62.2	33.6	589
08/09/21	SLAP ferry #7	Ferry	3.9	66.1	29.7	799
08/10/21	SLAP ferry #8/#9	Ferry	2.9	69	26.8	649
08/10/21	SLAP ferry #8/#9	Ferry	3.7	72.7	23.1	674
08/11/21	SLAP ferry #10/#11	Ferry	2.8	75.5	20.3	607
08/11/21	SLAP ferry #10/#11	Ferry	2.6	78.1	17.7	575

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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