



Payload 1 Daily Flight Report



Date: 2022-05-19

Flight Campaign ID: P1C1

Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA

Aircraft: N331AR

Domain: 02 (Mid-Atlantic)

Sites Flown: N02B (D02 Nominal Runway)

Days left in Domain: 14

Report Author: Elissa

Lidar Operators: Elissa

Spectrometer Operators: Cameron

Pilots: Justin, Magnus

Ground Crew: Abe

Flight Hours: 00:18

Hours until maintenance: 85.73

GPS Instruments: 06 - KOKV

Summary

A full-system test flight was conducted today using the KOKV nominal runway flight plan. The NIS appeared to function normally. No smoke or smell was observed, and the current measured on ECS cable 6 did not exceed 5A.

Concerns

None

Comments

- Abe arrived in Winchester last night
- Elissa departing tomorrow

Daily Coverage

Estimated Cloud Cover Key

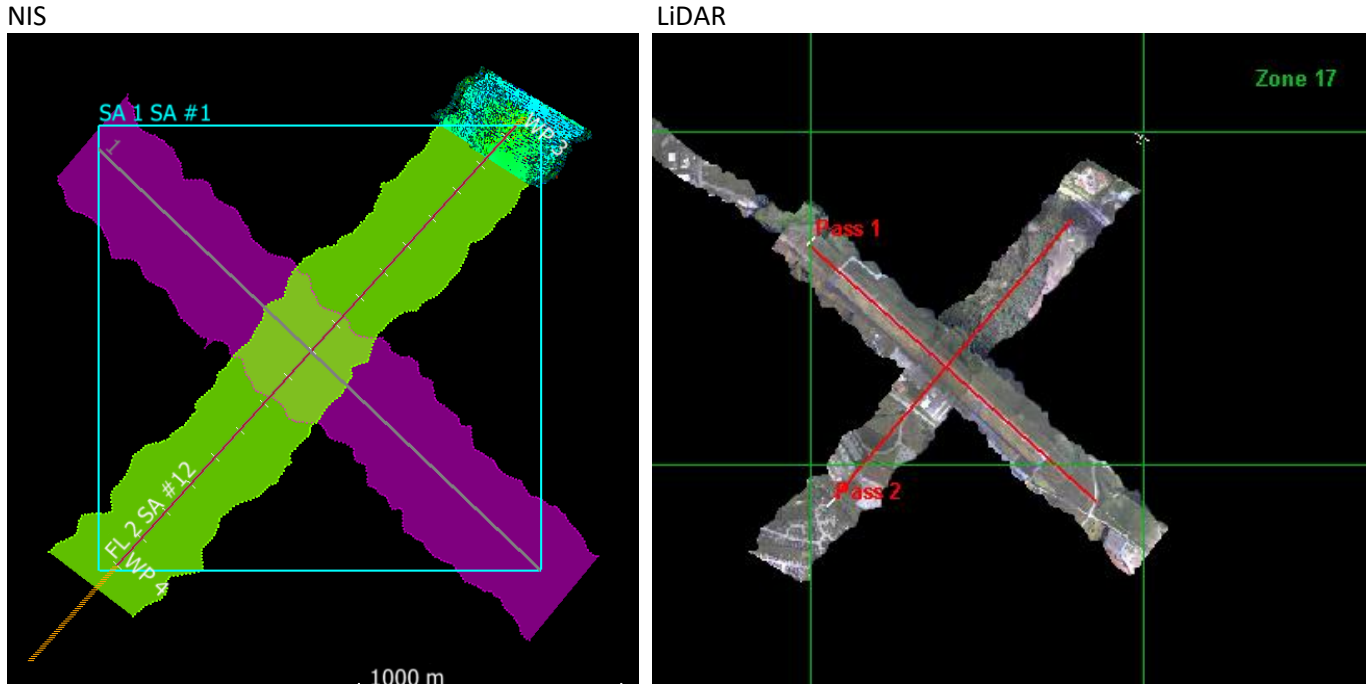
Green:	Yellow:	Red:
0-10%	11-50%	>50%

D02 | N02B

Line #	1	2
Lidar	✓	✓
Spectrometer	✓	✓
Camera	✓	✓
Cloud Cover		

Total number of lines flown: 2

Flight Screenshots



Cumulative Domain Coverage

D02 | BLAN (Blandy Experimental Farm)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33							

Flown: 0% (0/33)

Green: 0% (0/33)

Yellow: 0% (0/33)

Red: 0% (0/33)

D02 | N02A (D02 Nominal Runway)

1

Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

D02 | N02B (D02 Nominal Runway)

1

Flown: 100% (1/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 100% (1/1)

D02 | SCBI (Smithsonian Conservation Biology Institute)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32								

Flown: 0% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

D02 | SERC (Smithsonian Ecological Research Center)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26														

Flown: 0% (0/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)

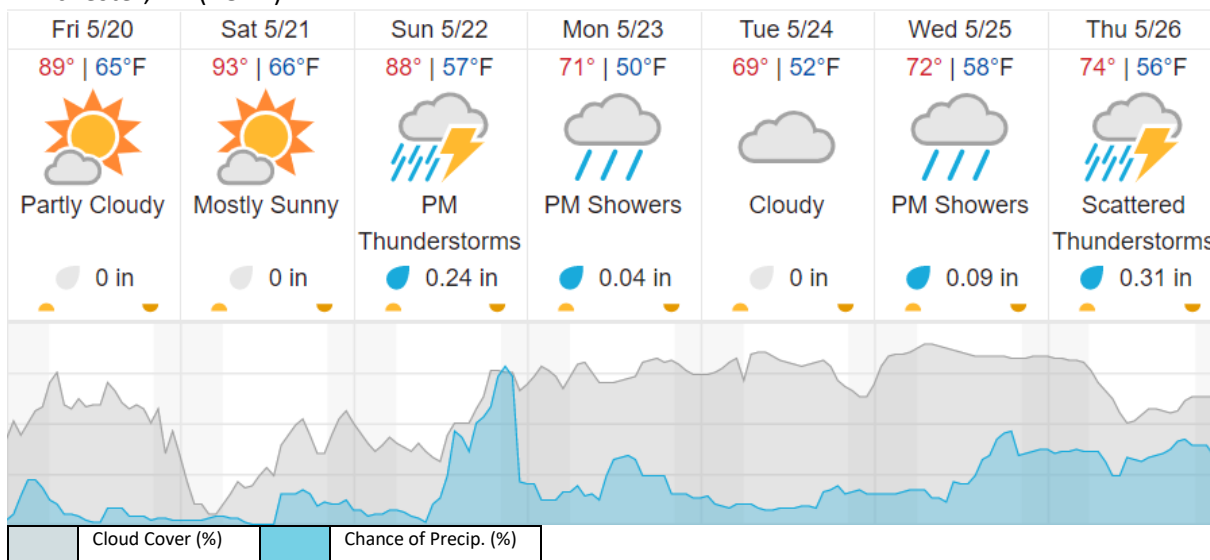
D02 | T02A ()

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----

Flown: 0% (0/19)
 Green: 0% (0/19)
 Yellow: 0% (0/19)
 Red: 0% (0/19)

Weather Forecast

Winchester, VA (KOKV)



source: wunderground.com

Flight Collection Plan for 20 May 2022

Flyority 1

Collection Area: Smithsonian Conservation Biology Institute (SCBI)
 Flight Plan Name: D02_SCBI_C1_P1_v1_PRM.xml
 On-station Time: 1330 UTC / 0930 L

Flyority 2

Collection Area: Smithsonian Environmental Research Center (SERC)
 Flight Plan Name: D02_SERC_R1_P1_v1_PRM.xml
 On-station Time: 1330 UTC / 0930 L

Flyority 3

Collection Area: Blandy Experimental Farm (BLAN)
 Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml
 On-station Time: 1330 UTC / 0930 L

Flight Crew:

Cameron (Lidar), Abe (NIS)