May 19, 2019 Payload 2 Daily Flight Report

Date: 2019-05-19  
Flight Campaign ID: 2019_P2C1  
Airport, FBO ID, City: Manassas Regional (KHEF) - Manassas, VA

Domain: 02  
Sites Flown: None  
Days left in Domain: 16

Report Author: Abe Morrison  
Flight Crew: Abe Morrison, Mitch Haynes  
Flight Hours: 00:00  
Ground/GPS: Michael Wussow  
Hours until maintenance: 38.57  
Pilots: Justin Eddington, Mark Solper  
Additional Personnel:  
GPS Instruments:

Summary  
Clouds again today at all of the sites eliminated collection flights.

Concerns  
--A faulty fuel boost pump in the plane will be fixed during our scheduled no-fly day this Tuesday. The faulty boost pump has not caused any flight delays and the plane is still operational as it is. TOIL is sending a mechanic to perform the work.

Comments  
--The mercury lamp calibration test was completed today.  
--Mike Wussow collected drone video footage over the BLAN tower site today.

Pictures

Mitch Haynes completing the mercury lamp test at the NIS operators position in the Otter. Pic by Abe M.
Cumulative Domain Coverage

**BLAN**

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**N02A**

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Yellow: 31% (8/26)
Red: 0% (0/26)
Weather Forecast
Front Royal, VA

Annapolis, MD

Flight Collection Plan for 20 May 2019
Flyority1:
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v1.pln
On Station Time: 09:40 L / 13:40 UTC

Flyority2:
Collection Area: Smithsonian Ecological Research Center (SERC)
**Lines 2-4 & 18-26 If “Green” Conditions, include lines 5-11
Flight Plan Name: D02_SERC_R1_P1_v1.pln
On Station Time: 09:30 L / 13:30 UTC

Flyority3:
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v2.pln
On Station Time: 09:40 L / 13:40 UTC

Flyority4:
Collection Area: Nominal Runway – D02
Flight Plan Name: D02_N02A_Nominal_Runway_Test_v1.pln
On Station Time: N/A
Crew: Abe Morrison (LiDAR), Mitch Haynes (NIS), Mike Wussow (Ground/GPS)

Flight Collection Plan for 21 May 2019
Scheduled no-fly day. No flights planned.