



## 2017 P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

**FBO ID & City:** Charlottesville Albemarle Airport  
(KCHO) - Charlottesville, VA

**Domain:** 02

**Sites Flown:** BLAN

**Days left in Domain:** 9

**Flight Hours:** 03:09

**Hours until maintenance:** 47.30

**Date:** 2017-08-01

**Report Author:** David Gambino

**Pilots:** David Hanks, Stephen Brawder

**Flight Crew:** David Gambino, Heather Rogers

**Ground/GPS:** Doug Cavender

**Additional Personnel:**

### **GPS Instruments:**

01 - FBO - KCHO, 02 - SCBI/BLAN

**Summary:** With unfavorable clouds at MLBS, crew collected remaining lines at BLAN under green conditions.

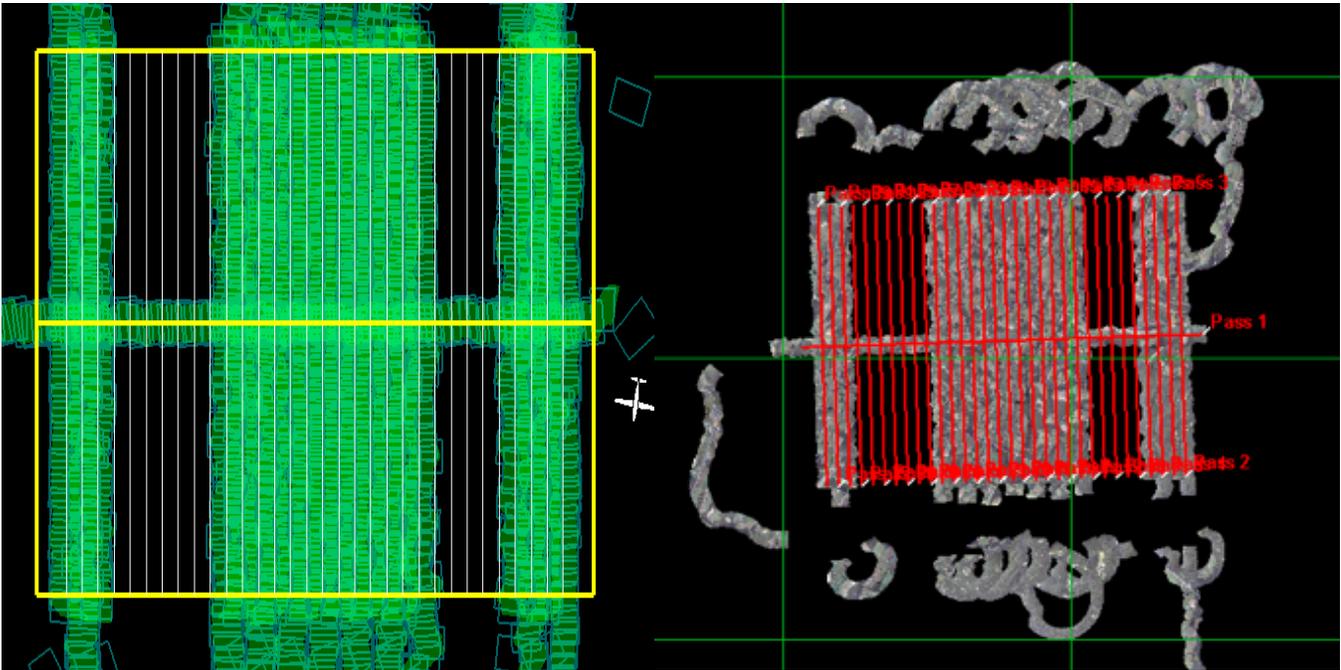
### **Issues/Concerns:**

- We are continuing to manually trigger camera in order to mitigate image corruption.
- We had systems power cycle or shut down shortly after switching to survey power today and yesterday. Pilots indicated the left engine had abnormally high voltage load. David Hanks has reached back to TOIL; we're awaiting further information.

### **Comments:**

- Collected lines 2-5, 11-23, 31-33 of BLAN (green)
- Tomorrow is a crew rotation day (Doug departs; Abe arrives)

## NIS/Lidar Screenshot



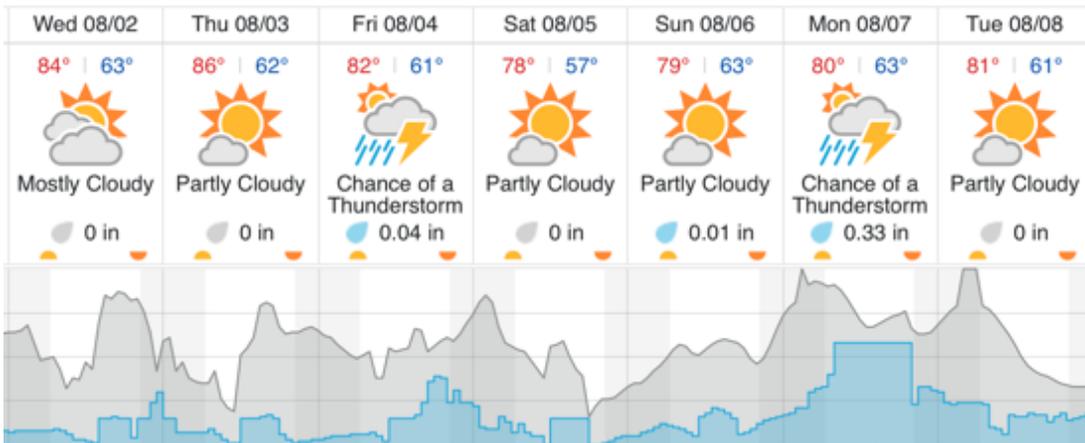
## Pictures:



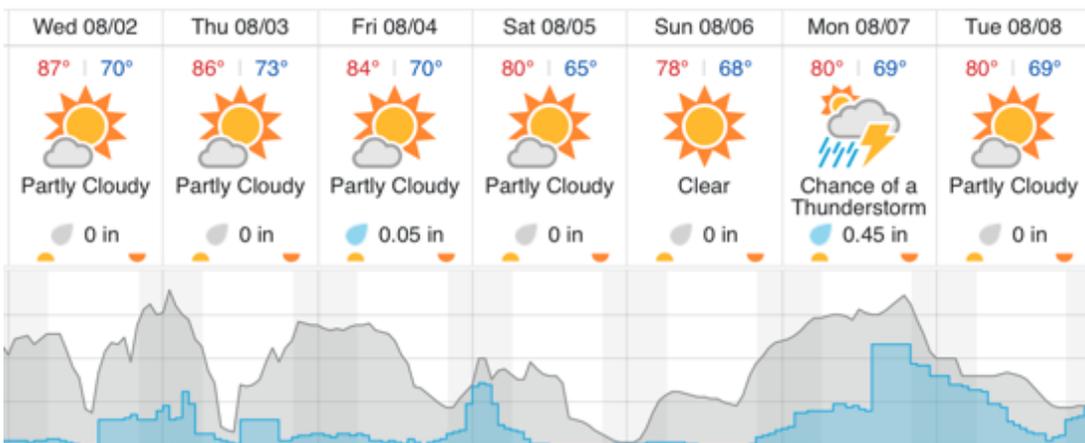
Above: Sky view over BLAN.

## Weather Forecast

### Pembroke, VA (MLBS)



### Londontowne, MD (SERC)



Cloud Cover (%)
  Chance of Precip. (%)

D02   BLAN	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	2							NLC
	3							NLC
	4							NLC
	5							NLC
	11							NLC
	12							NLC
	13							NLC
	14							NLC
	15							NLC
	16							NLC
	17							NLC
	18							NLC
	19							NLC
	20							NLC
	21							NLC

	22							NLC
	23							NLC
	31							NLC
	32							NLC
	33							NLC
Completed:	(20/21)							60.61%

**Flight collection Plan for 03 August 2017:**

**Flyority 1:** Collection Area: Mountain Lake Biological Station (MLBS)

Flight Plan Name: D07\_MLBS\_R2\_P1\_v5.pln

On Station: 1000L / 1400 UTC

**Flyority 2:** Collection Area: Smithsonian Ecological Research Center (SERC – 70 PRF)

Flight Plan Name: D02\_SERC\_R1\_P1\_v1\_70PRF.pln

On Station: 0950L / 1350 UTC

**Crew:**

**August 02 2017**

Crew Rotation Day

Doug Cavender departs.

Abe Morrison arrives.

**August 03 2017**

Lidar: Heather Rogers

NIS: Abe Morrison

Ground / GPS: David Gambino