Flight Campaign ID: 2017_P2C1  
FBO ID & City: Boulder Municipal Airport (KBDU) - Boulder, CO  
Domain: 10  
Sites Flown: Training, Calibration H10B, Calibration W10B  
Days left in Domain: 0  
Flight Hours: 02:02 / 00:51  
Hours until maintenance: 00.00  

Date: 2017-05-15  
Report Author: Doug Cavender  
Pilots: Justin Eddington, Ben Wooten  
Flight Crew: Doug Cavender (Lidar), Heather Rogers (NIS), John Adler (Trainer)  
Ground/GPS: Matt Devoe  
Additional Personnel:  

GPS Instruments:  
03 - KBDU  

Summary: We attempted to collect the Greeley boresight but were unable due to low clouds. From there we ferried to and completed the HQ Lidar calibration and wiggle calibrations. A second flight was launched and cut short with no data collected. Cryocoolers are now back online in hangar but we are continuing to investigate root causes of the issue.  

Issues/Concerns: Cryocooler failure on second flight prohibited data acquisition.  

Comments: This was Doug’s last training flight in the Lidar seat. Check ride comes next.
NIS/Lidar Screenshots:

NIS capture showing HQ Lidar and Wiggle calibrations

Wiggle Test
Low clouds over Greely prevented acquisition.
Weather Forecast:

Flight collection Plan for 16 May 2017:

Flyority 1:
Collection Area: NIS Offset Calibration
Flight Plan Name: D10_O10A_NIS_Offset_v1.pln
On Station: 0830L / 1430 UTC

Crew:
Lidar: Heather Rogers (Training)
NIS: Mike Wussow
Observer: John Adler
Ground/GPS: Doug Cavender