Flight Campaign ID: 2017_P2C1  
FBO ID & City: Fresno Yosemite International Airport (KFAT) - Fresno, CA  
Domain: 17  
Sites Flown: SOAP  
Days left in Domain: 10  
Flight Hours: 04:08  
Hours until maintenance: 41.12  

Date: 2017-06-26  
Report Author: Heather Rogers  
Pilots: Kyler Dalton, Stephen Brawder  
Flight Crew: Heather Rogers, John Adler, None  
Ground/GPS: David Gambino  
Additional Personnel: None  

GPS Instruments:  
01 - KFAT, UNAVCO - MUSB  

Summary: Lines 10 – 41 of SOAP were flown in green conditions in addition to a cross-strip. The camera computer froze. There are no photos for line 15. The issue has been resolved.  

Issues/Concerns: ALTM-NAV software showed that the laser was still firing after the collect off button was pressed.  
Action: The laser safety key was turned off and removed and the interlock on the lidar was pulled. It was confirmed that the indicator light for the laser on the power supply box was off despite the software continuing to show that the laser was still firing. ALTM-NAV software was closed and restarted in order to close the shutters.  
Result: The problem is believed to be the result of a software issue and not an instrument issue. It will be monitored.  

Comments: None.
### Domain Coverage

<table>
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<tr>
<th>D17</th>
<th>SOAP</th>
<th>Line</th>
<th>SpecG</th>
<th>SpecY</th>
<th>SpecR</th>
<th>NIS</th>
<th>Lidar</th>
<th>Camera</th>
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NLC: Not Listed/Collected
NC: Not Collected
• Note: line 18 was good and line 15 was bad. Database error.

Pictures:

NEON Tower at Soaproot Saddle just to the left of the wheel
**Weather Forecast**

**Fresno, CA:**

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<th>Mon 06/26</th>
<th>Tue 06/27</th>
<th>Wed 06/28</th>
<th>Thu 06/29</th>
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**Flight collection Plan for 27 and 28 Month 2017:**

*Flyority 1*

Collection Area: Soaproot Saddle (SOAP)
Flight Plan Name: D17_SOAP_R1_P1_v5.pln
On Station: 0920 L / 1620 UTC

Flyority 2

Collection Area: Teakettle (TEAK)
Flight Plan Name: D17_TEAK_R2_P1_v3.pln
On Station: 0920 L / 1620 UTC

Crew

Flight: John Adler, Heather Rogers Ground/GPS: David Gambino