Flight Campaign ID: 2017_P2C1
FBO ID & City: Fresno Yosemite International Airport (KFAT) - Fresno, CA
Domain: 17
Sites Flown: TEAK, N17A
Days left in Domain: 7
Flight Hours: 02:47
Hours until maintenance: 31.90

Date: 2017-06-29
Report Author: John Adler
Pilots: Kyler Dalton, Stephen Brawder
Flight Crew: John Adler, Heather Rogers, None
Ground/GPS: David Gambino
Additional Personnel: None

GPS Instruments:
01 - KFAT, 02 - TEAK

Summary: Clear skies during the TEAK collection, followed by the Nominal Runway flight.

Issues/Concerns: Continuing to monitor the slow increase in pressure on NIS2.

Comments: The vacuum pump arrived today, Pony Express hard drives were re-ordered.
NIS/Lidar Screenshots:

NIS Nominal Runway

NIS TEAK

Lidar Nominal Runway

Lidar TEAK
Above: Looking southwest from the TEAK priority 2 box, the haze of pollution and forest fire smoke stands in stark contrast to the view to the north (see below)

Below: Looking north from the TEAK priority 2 box.
Above: *Dogtooth Peak.*

**Weather Forecast:** Shaver Lake

**10-Day Weather Forecast**

Domain Coverage:

<table>
<thead>
<tr>
<th>D17</th>
<th>N17A</th>
<th>Line</th>
<th>SpecG</th>
<th>SpecY</th>
<th>SpecR</th>
<th>NIS</th>
<th>Lidar</th>
<th>Camera</th>
<th>Cumulative</th>
</tr>
</thead>
</table>

[Image of weather forecast chart with details on temperature, cloud cover, chance of precipitation, snow, and pressure.]

[Image of Dogtooth Peak, a mountainous landscape with a lake at its base.]
Flight collection Plan for 30 June:

Flyority 1
Collection Area: Teakettle (TEAK)
Flight Plan Name: D17_TEAK_R2_P3_v3.pln
On Station: 0920 L / 1620 UTC

Flyority 2
Collection Area: Teakettle (TEAK)
Flight Plan Name: D17_F17C_SOAP_BRDF_v1.pln
On Station: 0920 L / 1620 UTC

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

01 July 2017: Down Day