April 4, 2019 Payload 3 Daily Flight Report

Date: 2019-04-04
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00
Sites Flown: B10D_1600m (Greeley Boresight), V10C (Boulder City South)
Days left in Domain: 12

Report Author: Ivana Vu
Flight Crew: None
Flight Hours: 00:00
Ground/GPS: None
Hours until maintenance: 116.90
Pilots: Mike Francis, Mark Solper
Additional Personnel: None
GPS Instruments: None

Summary
Cloudy skies prevented calibration flights today.

Concerns
None

Comments
Crew will likely attempt the Radiometric Calibration Flight at Table Mountain on Sunday.

Cumulative Domain Coverage

### B10D_1600m

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<tbody>
<tr>
<td>Flown:</td>
<td>100% (3/3)</td>
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<tr>
<td>Green:</td>
<td>0% (0/3)</td>
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<tr>
<td>Yellow:</td>
<td>0% (0/3)</td>
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<td>Red:</td>
<td>100% (3/3)</td>
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### B10D_1000m

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<tbody>
<tr>
<td>Flown:</td>
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<td>Green:</td>
<td>0% (0/8)</td>
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<td>Yellow:</td>
<td>0% (0/8)</td>
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<td>Red:</td>
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### B10D_500m

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<th>9</th>
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<tbody>
<tr>
<td>Flown:</td>
<td>0% (0/9)</td>
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<td>Green:</td>
<td>0% (0/9)</td>
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<tr>
<td>Yellow:</td>
<td>0% (0/9)</td>
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<tr>
<td>Red:</td>
<td>0% (0/9)</td>
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H10C

Flown: 200% (4/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 450% (9/2)

N10D

Flown: 85% (22/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 85% (22/26)

O10B

Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

R10C

Flown: 0% (0/5)
Green: 0% (0/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

W10C

Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

Weather Forecast
Boulder, CO

Weather Forecast for Boulder, CO from Sat 4/6 to Fri 4/12:
- Sat 4/6: 65° | 42° F, Mostly Sunny
- Sun 4/7: 68° | 45° F, Mostly Sunny
- Mon 4/8: 71° | 45° F, Mostly Cloudy
- Tue 4/9: 72° | 43° F, Cloudy
- Wed 4/10: 45° | 30° F, Light Rain
- Thu 4/11: 43° | 27° F, Cloudy
- Fri 4/12: 46° | 30° F, PM Showers

Precipitation:
- Sat 4/6 to Fri 4/12: 0.09 in

Cloud Cover:
- Sun 4/7: 0 in
- Mon 4/8: 0 in
- Tue 4/9: 0.09 in
- Wed 4/10: ~1 in
- Thu 4/11: 0 in
- Fri 4/12: ~1 in
Flight Collection Plan for 06-08 April 2019

Flyority 1
Collection Area: Radiometric Calibration – Table Mountain
Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780.rpp

Flyority 2
Collection Area: Greeley Boresight
Flight Plan Name: D10_B10D_Boresight_Apx_Q780.rpp

Flyority 3
Collection Area: NIS Offset
Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780.rpp

Crew: Matt DeVoe, Ivana Vu, Robb Walker