Date: 2019-05-16  
Flight Campaign ID: 2019_P3C1  
Airport, FBO ID, City: Topeka Regional Airport (KFOE) - Topeka, KS

Domain: 06  
Sites Flown: KONZ_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site) 
Days left in Domain: 13

Report Author: John Adler  
Flight Crew: John Adler, Elissa Barris  
Ground/GPS: Nick Marusich  
Pilots: Jeff Quintanilla, Stephen Brawders  
Additional Personnel: none  
GPS Instruments: 01 - FBO_KFOE, U-KSU1

Flight Hours: 01:28  
Hours until maintenance: 51.90

Summary: While a gap in cloud cover was forecasted for KONZ_KONA, and appeared to be flyable, the shadows from the cumulus in the area stayed over the KONZ_KONA region. Flight was terminated after four lines.

Concerns: None.

Comments: None.

Flight Screenshots:
### Daily Coverage

<table>
<thead>
<tr>
<th>D06</th>
<th>KONZ_KONA</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>
<tbody>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>NLC</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>NLC</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>NLC</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>NLC</td>
</tr>
<tr>
<td></td>
<td>32</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✗</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>NL</td>
</tr>
</tbody>
</table>

Flown: 5

### Cumulative Domain Coverage

#### KONZ_KONA

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 13% (5/38)
Green: 0% (0/38)
Yellow: 13% (5/38)
Red: 0% (0/38)

#### UKFS

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)
Weather Forecast

Topeka:

Lawrence:

Manhattan:
Flight Collection Plan for 17 May 2019

Flyority 1
Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA)
Flight Plan Name: D06_KONZ_KONA_C1_P1_v4_Q780
On-station Time: 1450 – 2150Z

Flyority 2
Collection Area: University of Kansas Field Station (UKFS)
Flight Plan Name: D06_UKFS_R1_P1_v3_Q780
On-station Time: 1450 – 2150Z

Crew: Elissa Barris (Lidar), Nick Marusch (NIS), John Adler (GPS/Ground)