Date: 2021-08-17
Flight Campaign ID: P1C2
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA
Aircraft: N331AR

Domain: 02 (Mid-Atlantic)
Sites Flown: None
Days left in Domain: 9

Report Author: John Adler
Lidar Operators: John Adler
Spectrometer Operators: Abe Morrison
Pilots: Justin Eddington, Nick Koukoutsakis
Flight Hours: 00:00
Hours until maintenance: 54.40
GPS Instruments: N/A

Summary
Poor weather continues here in Virginia, no flights were conducted. Replacement lidar boards arrived and were inserted into the digitizer box.

Concerns
None.

Comments
Replaced pilot’s video cable with the new one-piece cable. Expect to install the updated digitizer box tomorrow morning, then conduct a test flight with the new flight plan, assuming the weather meets requirements.

Cumulative Domain Coverage

D02|BLAN (Blandy Experimental Farm )

<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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 100% (33/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 100% (33/33)

D02|N02B (D02 Nominal Runway)

<table>
<thead>
<tr>
<th>1</th>
</tr>
</thead>
</table>

Flown: 100% (1/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 100% (1/1)
D02|SCBI (Smithsonian Conservation Biology Institute)

Flown: 100% (32/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 100% (32/32)

D02|SERC (Smithsonian Ecological Research Center)

Flown: 88% (23/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 88% (23/26)

D02|T02A

Flown: 0% (0/19)
Green: 0% (0/19)
Yellow: 0% (0/19)
Red: 0% (0/19)

Weather Forecast
Annapolis, MD (SERC)

Winchester, VA (SCBI, BLAN)

source: wunderground.com
Flight Collection Plan for 18 August 2021

Flyority 1 – if Green
Collection Area: Smithsonian Environmental Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1_PRM.xml
On-Station Time: 1350 UTC/ 0950 L

Flyority 2 – if Green
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v1_PRM.xml
On-Station Time: 1400 UTC/ 1000 L

Flyority 3 – if Green
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml
On-Station Time: 1400 UTC/ 1000 L

Flyority 4 – Flight testing of the lidar system
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_T02A_C1_P1_v1_PRM_dig_test.xml
On-Station Time: anytime

Crew: John, Abe