

## Twin Otter - GRC 08/14/18

Aircraft: [Twin Otter - GRC](#) ([See full schedule](#))

Flight Number: HAB 2018-4

Payload Configuration: HSI-3.1 Sensor

Nav Data Collected: No

Total Flight Time: 3 hours

Comments: HAB Algal bloom flight over the western basin of Lake Erie. Altitude was 8,500'

Submitted by: Kurt Blankenship on 08/20/18

### Flight Segments:

|                           |  |                |                  |
|---------------------------|--|----------------|------------------|
| <b>From:</b>              | CLE  | <b>To:</b>     | CLE              |
| <b>Start:</b>             | 08/14/18 13:30 Z   | <b>Finish:</b> | 08/14/18 16:30 Z |
| <b>Flight Time:</b>       | 3 hours  |                |                  |
| <b>Log Number:</b>        | <a href="#">18T004</a>   | <b>PI:</b>     | John Lekki       |
| <b>Funding Source:</b>    | Jared Entin - NASA - SMD - ESD Hydrology Program                               |                |                  |
| <b>Purpose of Flight:</b> | Science  |                |                  |
| <b>Comments:</b>          | HAB Algal bloom flight over the western basin of Lake Erie. Altitude was 8,500 |                |                  |

### Flight Hour Summary:

|   | 18T004 | 19T001 |
|---|--------|--------|
| <b>Flight Hours Approved in SOFRS</b>   | 37     |        |
| <b>Flight Hours Previously Approved</b> |        | 12     |
| <b>Total Used</b>                       | 25     | 6.1    |
| <b>Total Remaining</b>                  |        | 5.9    |

### 19T001 Flight Reports

| Date                     | Flt #       | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|-------------|-------------------|----------|---------------|-----------------|-------------|
| <a href="#">10/01/18</a> | HAB 2018-11 | Science           | 1.7      | 1.7           | 10.3            | 0           |
| <a href="#">10/12/18</a> | HAB 2018-12 | Science           | 2.3      | 4             | 8               | 0           |
| <a href="#">10/12/18</a> | HAB 2018-13 | Science           | 2.1      | 6.1           | 5.9             | 0           |

Source URL: [https://espoarchive.nasa.gov/flight\\_reports/Twin\\_Otter\\_-\\_GRC\\_08\\_14\\_18#comment-0](https://espoarchive.nasa.gov/flight_reports/Twin_Otter_-_GRC_08_14_18#comment-0)

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Page Editor: Katja Drdla

NASA Official: Marilyn Vasques

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

### 18T004 Flight Reports

| Date                     | Flt #      | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|------------|-------------------|----------|---------------|-----------------|-------------|
| <a href="#">07/03/18</a> | HAB 2018-1 | Check             | 2.2      | 2.2           | 34.8            |             |
| <a href="#">07/09/18</a> | HAB 2018-2 | Science           | 3.1      | 5.3           | 31.7            |             |
| <a href="#">08/02/18</a> | HAB 2018-3 | Science           | 3        | 8.3           | 28.7            |             |
| <a href="#">08/14/18</a> | HAB 2018-4 | Science           | 3        | 11.3          | 25.7            |             |

|                          |             |         |     |      |      |   |
|--------------------------|-------------|---------|-----|------|------|---|
| <a href="#">08/23/18</a> | HAB 2018-5  | Science | 2.3 | 13.6 | 23.4 |   |
| <a href="#">08/23/18</a> | HAB 2018-6  | Science | 2.1 | 15.7 | 21.3 |   |
| <a href="#">08/27/18</a> | HAB 2018-7  | Science | 3.1 | 18.8 | 18.2 |   |
| <a href="#">09/14/18</a> | HAB 2018-8  | Science | 1.4 | 20.2 | 16.8 | 0 |
| <a href="#">09/17/18</a> | HAB 2018-9  | Science | 2.7 | 22.9 | 14.1 | 0 |
| <a href="#">09/28/18</a> | HAB 2018-10 | Science | 2.1 | 25   | 12   | 0 |