



**SYMBIOTICS**

Flight Test - Introduction  
Flight Test - Assessment

Candidate: A149  
Generated: 11/10/2021  
Expiry: 01/10/2022

● Flight Test

Minor Concerns

● Performance

No Concerns

● Learning

Some Concerns

## Summary



Overall Level



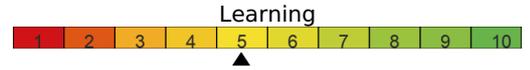
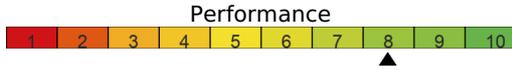
Performance



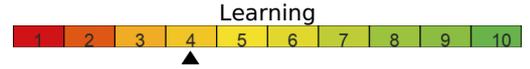
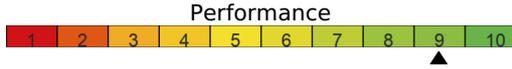
Learning

Note: Overall Level is a combination of Performance and Learning using a 2 to 1 ratio.

Accuracy

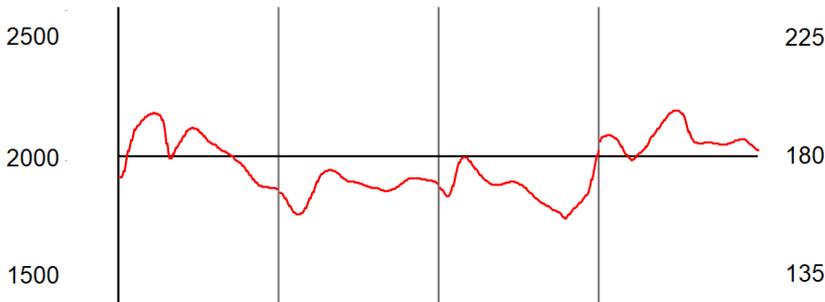


Control



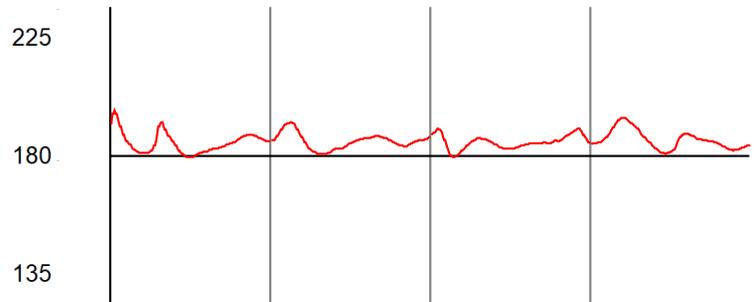
## Physical Dexterity

Altitude



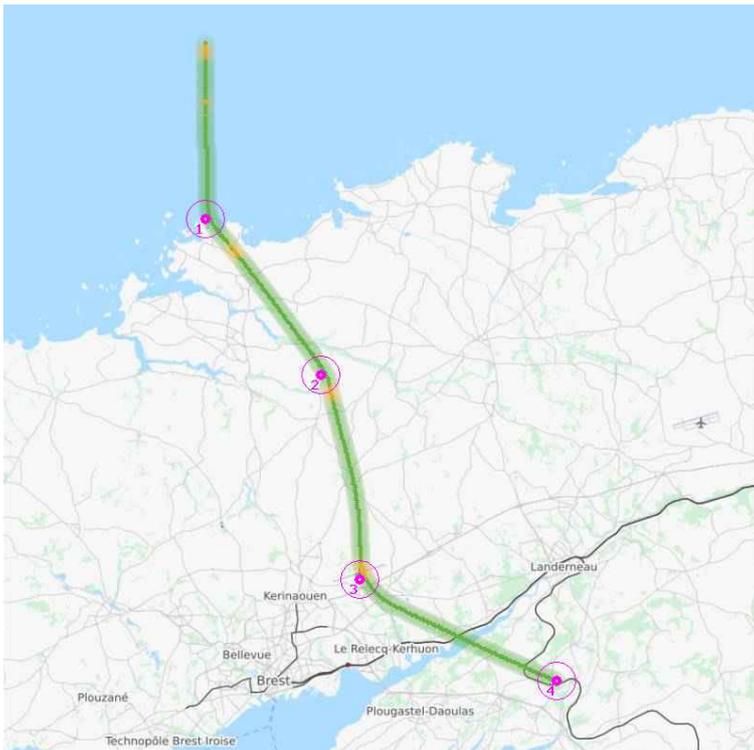
Altitude shown in ft against target of 2000ft, during the 4 flight legs

Speed



Speed shown in kts against target of 180kts, during the 4 flight legs

Heading



Map indicates aircraft flight path and locations of waypoints. Colour of line indicates degree of aircraft control at that point. Waypoints:

1. A park on the coastline
2. Middle of a windfarm
3. Control tower of airfield
4. Power station

## Detail

In the table below, the Accuracy measures all indicate how close the candidate performed to expectation / instruction – for waypoints this is how close they got to the waypoint in metres (< 500m being good performance); for altitude this is the average variation in ft from the instructed target, and for speed this is the average variation in kts from the target of 180kts. The Control measures are counters of how many times the targets were exceeded – as these are sampled once per second, they can be interpreted as the time in seconds that the candidate exceeded the targets – ideally these numbers should be zero, which indicates that the candidate never exceeded the instructed limits.

|   | Flight legs |        |        |       |
|---|-------------|--------|--------|-------|
|   | 1           | 2      | 3      | 4     |
| <b>0 = Attempted, 1 = Not attempted</b> | 0           | 0      | 0      | 0     |
| <b>Accuracy</b>                         |             |        |        |       |
| Waypoint adherence                      | 267.4       | 283.68 | 357.67 | 41.54 |
| Altitude deviation                      | 69.2        | 106.38 | 112.66 | 56.95 |
| Speed deviation                         | 3.74        | 4.16   | 3.86   | 4.55  |
| <b>Control</b>                          |             |        |        |       |
| Pitch exceedance > +/- 5 deg            | 12          | 8      | 17     | 1     |
| Pitch exceedance > +/- 10 deg           | 0           | 0      | 0      | 0     |
| Roll exceedance > +/- 30 deg            | 0           | 0      | 0      | 0     |
| Roll exceedance > +/- 45 deg            | 0           | 0      | 0      | 0     |

Report generated from Symbiotics Ltd, A Blakebrook Group Company  
Teme House, Whittington Road, Worcester WR5 2RY.

[www.symbioticsltd.co.uk](http://www.symbioticsltd.co.uk)

To discuss other assessment programmes -

Contact our team on +44 (0) 1905 368175, [adapt.admin@symbioticsltd.co.uk](mailto:adapt.admin@symbioticsltd.co.uk)