

### **TICKET #IE314\_152**

**QTG 2dvi – Rudder response during approach, was run manually during this evaluation. The graph for tolerance item 'yaw rate' was completely outside allowed tolerances and could not be passed. Also the manual procedure should state that the Left rudder pedal should be pressed. Also it was noted that the rudder pedal position was offset at the start of the QTG by 9 degs (left pedal), 13 degs (right pedal) and 12 degs (no pedal movement).**

#### **24-03-2023**

Ran the recalibration software on the IOS, this has **corrected the "offset"** - Still cannot pass the QTG with additional pilot input not specified in the instructions.

#### **27-03-2023**

Alsim have agreed to internally test this and report back.  
If they can or cannot reproduce - a remote session will be scheduled.

#### **04-04-2023**

ALSIM requesting remote access.  
I have provided a list of potential times and dates.

#### **14-04-2023**

ALSIM want access week starting the 17th April - They also require a pilot.  
I have sent dates for myself and Dan Lynch to be available.  
Expecting feedback/resolution week starting the 17th April

#### **18-04-2023**

##### **Session time changed.**

Remote session booked for the 26th April - Booked a 2 hour maintenance slot on the 314.  
Requested Dan Lynch to be there too so he can fly the plane according to the instructions whilst ALSIM monitor the inputs remotely.

#### **26-04-2023**

Remote session. Alsim confirmed. Instructions are not clear and cannot pass the QTG without input from pilot not specified in the instructions.

#### **18-05-2023**

Requested update from ALSIM

#### **28-05-2023**

Instructions given from Alsim on how to adjust instructions on the MQTG file.

I have requested Dan Lynch create different instructions allowing the QTG to pass.

**01-08-2023**

Delayed ticket. Annual leave of both myself and Dan. Instructions created and suggested to Alsim that these updated instructions conform to the requirements of the testing of this QTG

**08-08-2023**

Reran this test with Dan Lynch. Initial conditions were correct. Adjusted manual instructions as suggested in the evaluation.

Ran test - correct trend and and magnitude - the YAW is out but nothing unexpected for a manual test.

**25-03-2023**

Re-Ran Test with Barry Twomey today - Was unable to find the one I created last year with Dan Lynch

[Manual MQTG](#)

Closed Michael SMith