

Alan and Matt made notes on the first DECADES test flight B751 including the following list of snags that has been compiled. A responsible person has been pencilled in to resolve each of these issues.

	Issue	Person	Complete?
1	SSP6 (or any indicator) should be able to be greyed out if the user is not bothered about the status.	MG	
2	Check MS1/MS2/MS3 IP addresses on the aircraft to make sure they are correct.	MG	
3	The lower BBR DLU needed resetting before it would accept a flight number. Check that the code is the same as the other DLUs.	MG	
4	Also check the lower BBR TCP routine on the CRIO.	MG	
5	FM Display font is not mono-spaced and is a bit too small for normal use.	MG	
6	FM Laptop Sync button doesn't seem to work. Or if it does then the comparison with a timeserver is not being done.	MG	
7	It would be useful if we could see the DLU time and compare it with timeservers and the tanks. To make sure all systems are running on the same time.	MG	
8	The summary panel of the decades plot is reporting height in ft instead of Kft.	DKDW	
9	The summary panel of the decades plot is representing Temp and Dew point to 6 decimal places. This should probably 2 decimal places.	DKDW	
10	We should be able to remove the last 2 parameters from the PRTAFT packet as they were just used for diagnostics.	MG	
11	Connecting to the tanks makes the FM display hang until the timeouts have been reached. This needs to be fixed.	MG/DKDW	
12	Rad-Alt Data not coming in??? - coz it's not plugged in	AMW	
13	Nevz data not possible as cable is plugged into horace, not decades. And then cable tied in place!!	AMW	
14	GIN Wander angle doesn't plot.	DKDW	
15	Vertical vorticity doesn't plot.	DKDW	
16	Do we need to plot the flight number? No	DKDW	
17	Get abouttime on work laptop.	MG	
18	Can we use different colours from horace and decades menu screens?	DKDW	
19	GIN should be ping'ed and shown on main overview.	MG	
20	Flight/Ground should be shown on main overview (also the other status flags?).	MG	
21	Fish Values/Septic Values are shown in wrong Tank info indicators.	MG	
22	TAS not calculated properly on horace - around	AMW/DKDW	

	60m/s too low because the deiced temp is connected to DECADES. This needs to be reversed, and the DECADES parameters that currently use Deiced temperature need to use Non-Deiced for the testing period.		
23	Time from midnight reporting 37s higher on DECADES	AMW	
24	Di/ndi temps good - 1.5C different, probably a cal issue.	AMW	
25	JW liquid water cal consts need looking at DECADES is under-reading by about 20%	AMW	
26	Lower BBR overreading by around 40% on DECADES	AMW	
27	AOSS underreading on DECADES by about half - connected to the dit issue?	AMW	
28	Decades vertical wind components are not computed	DKDW	
29	Turbulence pressure data is fine for all sensors - 1-2mb differences probably just a cal issue.	AMW	
30	S9SP not connected properly - need to bell this through.	AMW	
31	Plots generally feature erroneous points on decades where the data trace is instantaneously joined to the plot maximum. This is only on the plot, not the data. Example saved in temp plot data.pdf also nans appear in the header list.	DKDW	
32	Cabin pressure looks ok, but way too noisy (+/-20 mb!)	AMW	
33	Cabin temperature looks real, but needs scaling.	AMW	
34	Track plot needs changing to GIN params in the plot window. Currently uses INU params which don't exist any more.	DKDW	
35	Text plot doesn't work - all params are zero - probably because some of the ones on the list are duff, the java seems to crash?	DKDW	
36	DECADES flight summary doesn't work	DKDW	
37	Wind data from the quick 5-minute l-pattern were not good. TAS or AOSS may not be being calculated correctly on DECADES? IAS is compatible with aircraft data from early runs.	AMW	