



C/o BINDT
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UNCONFIRMED NOTES OF THE 57th MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Tuesday 6th December 2016, 10:00

Location: Airbus, Chester Road, Broughton, Chester, CH4 0DR

NANDTB/2016/M4

1. Confirmation of the agenda (and any other business)

Nothing was to be added to AOB.

2. Attendance & apologies for absence (Annex A) Refer to attached.

JB asked TB if he was the sole representative for the CAA, TB confirmed he was hoping to bring a different colleague with him and would remind him for the next meeting.

3. Notes of the 56th meeting (distributed earlier)

a. Confirmation

The minutes were approved will be uploaded as confirmed to the website.

b. Review of allocated actions below with special mention to the following;

Ref	Actions brought forward	Remarks
67/2015	TB, JB, CS, MC, JT and CT to provisionally draft GR23	Ongoing - TB confirmed that he had circulated GR23 but had not had anything back, TB to progress this further.
68/2015	TB will try and organise an agenda for this for the meeting to be held at CAA	Ongoing
New Action 03/2016	Working Group to consider alternative methods of experience/competence	Ongoing - JD confirmed that there had been a meeting between the CAA and MAA and there are some ongoing areas which need addressing so these will be dealt with and then the WG will come back to the Board – hopefully this will be by the mid-year meeting.
04/2016	TB will review to the document to make sure that the scope was acceptable.	OAQS6 – TB has reviewed this and will get back to NLB

14/2016	TB asked NLS if she could get together some demographics for PCN L3s with the ages. NLS did state that this was currently in the process of being done so would add this to the list	<p>Ongoing - NLS stated that at the moment this is not possible and this is something that is being looked into. At the current time the sector/level and method cannot be broken down.</p> <p>TB stated that it may be helpful if people could provide him with how many apprentice/trainee personnel they have as they are looking in to people coming in through industry. These are L3 and L2.</p> <p>Action 25/2016 – TB will put out an official question to everyone with what he wants and requesting info on numbers of L2/L3 personnel</p>
15/2016	NLS to speak to David Gilbert about looking at the NANDTB microsite	Closed – on hold 2018 – NLS stated that she had spoken to David Gilbert and the NANDTB could have its own microsite, the initial outline proposal will however need updating. This cannot be done in 2017 due to budget cuts, hold and carry forward to 2018.
19/2016	PB to see if NANDTB_14 and NANDTB_19 Power Points are still needed	Agenda
20/2016	TG to withdraw NANDTB_23	<p>Completed</p> <p>Action 26/2016 - TG to get the Under Review removed from the PP line on the website</p>
21/2016	TG to ask TA to add KP to the matrix for 2017	Complete
22/2016	TG to put the Excel spreadsheet in to a Word document and give it a NANDTB number and issue on website	Complete - NANDTB 28
23/2016	JB will speak to GMcC about the question raised and then if this is a safety issue then will speak to TB at CAA	<p>Closed - GMcC stated that a discussion point regarding red dye had been brought up at the OA/IA meeting.</p> <p>TB stated that in principal it does happen in the rotary and light aircraft area. If the OEM has asked for red dye and it is optional a licenced engineer can do it. If it is a mandatory inspection unless it is specified in the service bulletin that a licensed engineer can do it in the UK, it should be a L2 but this is down to the OEM. The OEM can specify who can do the inspection.</p> <p>Action 27/2016 – GMcC to speak to Simon Wright and send the details to TB will look at this and forward to EASA to look at</p>
24/2016	JB to provide the EASA letter to TG so she can circulate with the minutes	Complete

c. Other matters arising (not covered by the agenda)

4. Membership (current list) No other matters arising.

- a. To note status and confirm contact details

NANDTB_06 was tabled and amended in real time.

NLB confirmed that a letter from Rolls Royce is needed and also a letter from Flybe.

JB also welcomed Michelle Clapham as the new Chair from the OA/IA group.

Action 28/2016 – JB to get a nomination letter sent to TG regarding Rolls Royce Membership

Action 29/2016 – RB to get a nomination letter sent to TG regarding Flybe membership

5. Documents for discussion and/or approval

- a. **NANDTB_14** – PB confirmed that the power point could be removed, however the document itself needs changing. Discussing the document which was tabled. Agreement of the removal of the power point was confirmed. NANDTB_14 was discussed and the document was agreed.

- b. **NANDTB_19** – PB confirmed that the document and power point are the same – however suggested the removal of the last paragraph which refers to the power point presentation.

The Board were in agreement that the NANDTB_19 power point presentation could be removed and that the last paragraph be removed.

NANDTB_01 was tabled and documents up for renewal are as follows :-

NANDTB_02 – **Action 30/2016 – JB and BS to review**

NANDTB_04 – **Action 31/2016 – JB and BS to review**

NANDTB_22 – **Action 32/2016 – MC and DG to review**

NANDTB_23 - **Action 33/2016 – MC and DG to review but to keep TB informed of any changes**

Action 34/2016 – TG to review the titles on the webpage in accordance with NANDTB_01 to ensure both lists are the same

6. Qualifying Agencies

a. Oversight Matrix

The matrix was tabled.

Karen Reader would be witnessed – Tata Steel 1 February 2017 - KP

Clive Hammond will need to be witnessed to be signed off in 2017 – ATH 19 January 2017 – KG

At the current time there are no dates for Alan Parsons, who, is witnessing Clive Hammond to get him through the process. When dates are received for Alan in order that he can be witnessed, these will be circulated.

7. prEN4179:2014

JB stated that FprEN4179:2016, which went out for ballot to all Member States for voting, was approved based upon 7 votes to approve. There were no disapprovals. All, other countries, including the UK, were recorded as abstention. Changes were submitted by Germany only, these were editorial changes and have been accepted, to be incorporated into the next revision (not this one).

JD requested that the submitted changes be captured on the Boards spreadsheet for changes required to the next revision of EN4179.

8. ANDTBF (JB)

- a. JB went through the power point he gave at the ANDTBF meeting.

JB stated that this potential industry managed program was a long way off, firstly the business case needed to be made in order to determine if an organisation like PRI would be willing to take it on.

TB did state from JB's presentation that there was benefit in this, however when discussing this it is about how you engage the National Authority, especially when dealing with Europe. JB stated this wouldn't replace what was being done at the current time, UK NANDTB will remain the same as what they have been doing, however it was the oversight of how anybody on the outside could be satisfied that what is being done complies with the standard.

JB stated that having presented this at the ANDTBF meeting on 16 November 2016, it was not well received. EASA are very supportive of such a process as they recognise that NANDTB's are not harmonised/standardised and self-certification by NANDTB's is not acceptable.

JB advised that the next Forum meeting would be a 2 day meeting, one day for normal business and a second day to generate a checklist for auditing NANDTB's. General consensus of the Forum was that it would be better to identify any non-conformances ourselves before an independent audit did.

Action 35/2016 – TG to circulate JB's power point with the minutes

- b. ANDTBF_10

This document was tabled and JB explained this was discussed as at the last forum meeting as a standardised approach was trying to be reached as to what could be done to fulfil the requirements as stated in 4179. At the time it was agreed that a minimum of 70 questions which have to cover the 7 methods in the standard with a minimum of 5 questions on each of the methods so you could have 5 on one method and say 10 on another method. This was agreed verbally and then put in to this document.

On the agenda this then got changed to 60 questions at the meeting but covering the other 6 methods other than the method for which L3 certification is being sought.

Discussions took place regarding this document and following the ANDTBF meeting, the draft which was tabled needed the UK Board's comments. After discussing this document

the UK Board suggested that it should go back to 70 questions covering all methods and 2.2 needs to state in it “basic” examination.

A document with the revisions is to be created as a NANDTB document and will be circulated for approval. If there are comments on this document then this will be discussed at the next NANDTB meeting.

c. Annual Maintenance Review – proposed template for harmonisation

This document was tabled. JB explained that Juergen Lindgens who put this power point together is from an MRO. JB went through the power point.

There were discussions around this power point. JB stated he was bringing this to the Board to see whether it was acceptable or not. If the checklist was to get accepted then it would be created as an ANDTBF document which would become policy and all Aerospace Boards and members of the Forum would need have to adhere to it.

It was agreed after much discussion that the document was acceptable to the UK NANDTB as guidance only. To be made mandatory, the requirements should be incorporated into the next revision of EN4179.

Action 36/2016 – TG to circulate AMR power point with the minutes

d. Next meeting

No date or venue has been agreed. The Portuguese NANDTB will most likely host the second meeting in 2017 in Lisbon. JB asked if the CAA would be willing to host the first meeting in 2017 at Aviation House nr Gatwick. TB instructed JB to request via an email.

9. Pt. 145 Orgs and SIG members Update – (GMcC)

GMcC stated that he had had no questions from Pt. 145 organisations. JB asked if there was a list of all Pt. 145 organisations, TB confirmed that he should be able to get a list and then he would forward a list to GMcC.

Action 37/2016 – TB to send a list of all Pt. 145 organisations to GMcC

10. Regulators Update – (TB)

TB stated that he represents the CAA, the Latvian Authority and now the Icelandic Authority have approached the CAA to see if TB can also represent them on the Board. The CAA have entered in to a similar agreement with the Icelandic Authority as they have the Latvian Authority. Therefore the minutes and the agenda of the NANDTB meetings get circulated to them and if there are any queries then these are dealt with.

The Latvian Authority have stated that they are being audited by EASA next year and they have confirmed to TB that they may like a face to face meeting with TB and potentially with JB, however TB may get them to try and attend a Board meeting.

11. OA/IA Group

DG reported there was no OA/IA meeting due to lack of attendance. As from next meeting MC will be giving the report from the OA/IA group and a meeting in January is hopefully going to be set up.

12. AOB

None

13. Date and location of the next meeting

1 March – BAE Systems – Samlesbury

20 June – Bombardier – Belfast

12 September – Applus Aerospace – Reigate

7 December – MTD – Cardiff

Annex A – attendance and apologies for absence 6 December 2016 NANDTB meeting no. 57

Name	Representing	In attendance	Apologies for absence
Alun Williams (AW)	Airbus UK	1	
Bobby Scott (BS)	Bombardier	1	
Carl Sheppard (CS)	British Airways		
Chris Durrant (CD)	Messier-Bugatti-Dowty		1
Clive Worrall (CW)	British Airways	1	
Dave Griffin (Co-opted) (DG)	Vice Chair representing BINDT OA/IA Group	1	
Jes Dugard (JD)	MoD	1	
Graham Mcleod (GMcC)	Honeywell		1
Graham McCully (Co-opted) (GMcC)	Pt. 145 Orgs and SIG members	1	
Jon Biddulph (Chair) (JB)	Rolls Royce	1	
Keith Griffiths (KG)	Rolls Royce	1	
Kevin Pickup (KP)	BAE Systems	1	
Luke Talbot (LT)	Messier-Bugatti-Dowty		1
Mandy Cox (Observer) (MC)	MAA		1
Michelle Clapham (Co-opted) (MCI)	Chair representing BINDT OA/IA Group	1	
Nicole Banks (Observer) (NB)	BINDT	1	
Patrick Boulton (Voting member) (PJB)	BINDT	1	
Phil Byram (PB)	MoD	1	
Ralph Duff (RD)	Bombardier		1
Rob Bright (RB)	Flybe		1
Stuart Wroot (SW)	Agusta Westland		1
Ted Blacklay (Observer) (TB)	Civil Aviation Authority	1	
Tracy Grant (Secretary) (TG)	BINDT	1	
	Totals	15	7

Actions allocated and carried over from meeting 57th Meeting

Ref	Actions brought forward	Remarks
67/2015	TB, JB, CS, MC, JT and CT to provisionally draft GR23	Ongoing
68/2015	TB will try and organise an agenda for this for the meeting to be held at CAA	Ongoing
New Action 03/2016	Working Group to consider alternative methods of experience/competence	Ongoing - report due at June meeting
04/2016	TB will review to the document to make sure that the scope was acceptable.	Closed
14/2016	TB asked NLS if she could get together some demographics for PCN L3s with the ages. NLS did state that this was currently in the process of being done so would add this to the list	Closed – superseded by Action 25
25/2016	BF will put out an official question to everyone with what he wants and requesting info on numbers of L2/L3 personnel	
26/2016	TG to get the Under Review removed from the power point line on the website	Closed
27/2016	GMcC to speak to Simon Wright and send the details to TB will look at this and forward to EASA to look at	Closed
28/2016	JB to get a nomination letter sent to TG regarding Rolls Royce	Closed
29/2016	RB to get a nomination letter sent to TG regarding Flybe membership	Closed
30/2016	JB and BS to review - NANDTB_02	
31/2016	JB and BS to review - NANDTB_04	
32/2016	MC and DG to review - NANDTB_22	
33/2016	MC and DG to review but to keep TB informed of any changes - NANDTB_23	
34/2016	TG to review the titles on the webpage in accordance with NANDTB_01 to ensure both lists are the same	Closed
35/2016	TG to circulate JB's power point with the minutes	Closed
36/2016	TG to circulate this AMR power point with the minutes	Closed
37/2016	TB to send a list of all Pt. 145 organisations to GMcC	