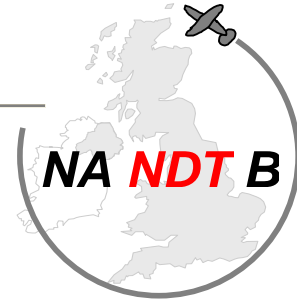


UK National Aerospace **NDT** Board



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CONFIRMED MINUTES OF THE SEVENTH MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Wednesday 22nd February 2006

Location: Bombardier, Belfast

NANDTB/06/M1

1. The agenda was confirmed with the addition of three items of additional business.
2. Attendance & apologies for absence
 - a. In attendance: The meeting was attended by Messrs Jon Biddulph (Chairman), Brian Williams (British Airways), Eric McIlroy (Bombardier), Geoff Millar (Airbus UK), Trevor Hiscox (Airbus UK), Ian Chapman (Observer, CAA), Chris Dootson (BAe Systems), [Bobby Scott](#), Graham McCully (MML, Co-opted) and John Thompson (BINDT, Co-opted, Secretary). The Chairman welcomed Graham McCully to his first meeting.
 - b. Apologies: John Hewitt, Stan Gane, Phil Berkley, Mark Barker and Keith Phillips.
3. [Notes of the last meeting](#)
 - a. The notes of the last meeting were accepted without amendment. It was agreed that the status of the minutes on the Board's website be updated (this would apply to all the minutes of past meetings). **Action 01/06: Nicole Scutt.**
 - b. The meeting reviewed actions assigned at the last meeting (and matters arising not covered by the agenda):

Ref	Action	Assignment	Status
26/05	Write to Mr. McCully setting out conditions for cooption and update the membership list	Thompson	Discharged
27/05	circulate confidentiality agreements and Level 2 specific examination papers as detailed below: ET to PB, MT to SG, PT to EM, RT to CD and UT to KP <i>Those that had reviewed papers would mark them up with comments – or just approval – and send them to JRT. The review would then be formally recorded.</i>	Thompson	Discharged Ongoing
28/05	Upload seminar Q&A for publication on NANDTB web page.	Thompson	Ongoing
29/05	Put in place arrangements to differentiate between Level 3 [practitioner] and Level 3 [Supervisor] in PCN/AERO and on PCN certificates issued after 31 st March 2006	Thompson	Discharged
30/05	Amend NANDTB/10 and circulate for comment before publication	Thompson	Discharged

Ref	Action	Assignment	Status
31/05	Co-ordinate and promote NANDTB Forum, inviting representation from EASA (part 145 maintenance director?).	Thompson	Ongoing
32/05	Send questions from D Parker to Vice Chairman for review	Thompson	Discharged
33/05	Forward B. Crabb email to Chairman for review and comment	Thompson	Superseded
34/05	Send paper on Level 3 recertification to Chairman	Thompson	Superseded
35/05	Aero-specific basic part A1 (prod tech) exam module to be developed and circulated for comment. Feed back from CMC: suggest consider PCN-wide Basic exam to include typical aero Prod Tech.	Thompson	Superseded
36/05	Draft and publicise announcement on transition from PCN/GEN App A to PCN/AERO. Draft approved 2006-02-22, action to publicise	Thompson	Ongoing

- c. The meeting discussed the possibility of the Board looking at areas of significant failures detected and reported during NUCAP process audits. Some suggestion that these might provide avenues for action by the Board – even becoming a possible source for PCN aerospace specific examination questions. Discussion was inconclusive.

4. Membership.

- a. The membership list (NANDTB/06) was updated, and it was agreed that the Secretary would write to Part 145 organisations, Outside Agencies and the SIG, pointing out that Mr. G McCully had been co-opted as a member of the Board in order to represent the interests of these groups. **Action 02/06: Secretary**
- b. The meeting considered a written request from Steve Lavender, on behalf of the Training and Examination Group of Testing and Inspection Organisations (TEGTIO) for two full voting representatives on the Board. This was discussed at length, and the Board recalled that it had already decided that, should it require input from the NDT training industry, it would co-opt an appropriately qualified individual for that purpose. This had been communicated by the Chairman, but he nevertheless agreed to contact Mr. Lavender to discuss (unspecified) issues referred to in his letter. **Action 03/06: Chairman**

5. Airworthiness requirements for information/discussion

- a. [GR23](#). Mr. Chapman reported that GR23 will appear in the April revision of CAP 747.
- b. [CAIP Leaflet 4-10](#). Mr. Chapman reported that Mr. Barker intended to circulate a further revision for the Board to comment on, and was hoping to publish the leaflet in July 2006.
- c. Mr. Barker (CAA) had written: "With regard to ASNT, Ian (Chapman) and I have agreed that we will continue to accept ASNT Level III for the management position of the Nominated Level III, but that a valid EN4179 or EN473 authorisation is required for certification of actual work (i.e., leading to a certificate of release to service)". The Board supported this position.

6. Control of Outside Agencies

- a. The Board noted the Assessment Schedule, and that Mr. Gane would attend the 31st October 2006 audit at Lavender International as an observer in order to witness Mr. Thompson's assessment.
- b. The Secretary reported on two assessments completed since last meeting, bringing to seven the number of qualification agencies accredited thus far. The Board noted the assessment reports and resulting certificates of accreditation awarded to TAECO (Xiamen, China) and ISA (Norwich, UK).

7. Control of PCN examinations
 - a. The Board reviewed the recently drafted and approved [PCN/AERO](#) requirements and, in the light of the recent publication of EN 4179:2005, agreed a number of amendments. **Action 04/06: Secretary.**
 - b. The Board reviewed [CP17A](#) draft issue 1 and directed that a number of changes be incorporated. The document was given prior approval for publication (with the changes agreed). **Action 05/06: Secretary.**
 - c. A document on the [Transition](#) from PCN/GEN Appendix A to PCN/AERO was reviewed and approved for publication. It was agreed that this would be enclosed with every PCN aerospace certificate sent out from now on, as well as being published in NDT News and on the website. **Action 06/06: Secretary.**
 - d. A number of aerospace specific PCN examination papers had been assigned for review under [NANDTB/13](#). Mr. Dootson had been allocated some of this work, and was of the opinion that the questions that he had seen were not sufficiently specific. There was lengthy discussion concerning what comprised a 'specific' question, and it was agreed to establish a WG to review the written comments of those that had undertaken the reviews. This was to be deferred until the next meeting in order that the specific written comments of the reviewers could be considered. **Action 27/05 (ongoing).**
 - e. Continuation of recognition of PCN certification. [NAndtB/10](#) Rev dated 2006-02-22 was approved for publication. **Action 07/06: Secretary.**
8. [Liaison](#) and contact with [other NANDTB](#).
 - a. The Board discussed the prospective forum for NANDTB, scheduled to take place during the 9th ECNDT in Berlin, on Friday 29th September 2006 @ 14:00. It was agreed to establish a WG comprised of JB, CD and JRT to discuss the pros and cons of establishing some form of formal liaison group for EU NANDTB, and what might be developed for tabling prior to the first forum. In the mean time, The Secretary was asked to complete the survey and to confirm that a meeting was to be held as arranged. Calls for items for discussion were to be deferred until the UK WG had met and agreed its position. **Action 08/06: Chairman, Mr. Dootson and Secretary.**
9. The meeting noted upcoming conferences and other events (and UK NAndtB contributions)
 - a. Aerospace Testing Expo 2006 – Hamburg – 4th to 6th April. The Board did not agree to an official presence at this event.
 - b. Aerospace Symposium, BAWA (Bristol) 26th/27th April. BW making presentation.
 - c. BINDT annual conference (Stratford) 12th – 14th September. Offer of UK NANDTB presentation to be made to PAK (title/presenter TBD).
 - d. 9th ECNDT, 25th – 29th September (Berlin). JRT to mention UK NANDTB and to agree slides with JB.
 - e. 7th APC NDT, 6th – 10th November 2006 (NZ). JRT to mention UK NANDTB and to agree slides with JB.
10. Any other business
 - a. Brian Williams asked for clarification of AMC 145.A.30 clause 8
 - i) "8. Boroscopying and other techniques such as delamination coin tapping are nondestructive inspections rather than non-destructive testing. Notwithstanding such differentiation, the maintenance organisation should establish an exposition procedure accepted by the competent authority to ensure that personnel who carry out and interpret such inspections are properly trained and assessed for their competence with the process. Non-destructive inspections, not being considered as NDT by Part-145 are not listed in Appendix 2 under class rating D1."
 - ii) Ian Chapman stated that the Authority would expect to find that adequate competence assessment procedures were in place and recorded for any such inspections.

- b. There was considerable discussion on how to cater for the introduction of new inspection technologies. It was concluded that the Board might be presented with specific proposals which it could evaluate and perhaps approve in order to assist industry to introduce new technology.

11. Dates and locations of future meetings:

- a. 17th May 2006 @ BAE Warton
 b. 23rd August 2006 @ RR Derby
 c. 22nd November 2006 @ Airbus UK, Filton

Ref	Action	Assignment	Status
27/05	Circulate confidentiality agreements and Level 2 specific examination papers as detailed below: ET to PB, MT to SG, PT to EM, RT to CD and UT to KP <i>Those that had reviewed papers would mark them up with comments – or just approval – and send them to JRT. The review would then be formally recorded.</i>	Thompson Nominated members	Discharged Ongoing
28/05	Upload seminar Q&A for publication on NANDTB web page.	Thompson	Discharged 2006-03-30
31/05	Co-ordinate and promote NANDTB Forum, inviting representation from EASA (part 145 maintenance director?).	Thompson	Started 2006-04-06 & ongoing
36/05	Draft and publicise announcement on transition from PCN/GEN App A to PCN/AERO. Draft approved 2006-02-22, action to publicise via web, and circulate with all new PCN aero certificates issued by PCN CRO.	Thompson	Discharged 2006-03-29 uploaded to website
01/06	Update the status of the minutes on the Board's website	Nicole Scutt	Discharged 2006-03-30
02/06	Write to Part 145 organisations, Outside Agencies and the SIG, pointing out that Mr. G McCully had been co-opted as a member of the Board in order to represent the interests of these groups	Secretary	Discharged 2006-03-29
03/06	Contact Mr. Lavender to discuss (unspecified) issues referred to in his letter	Chairman	Discharged
04/06	Update PCN/AERO	Secretary	Discharged 2006-03-23
05/06	Update and publish CP17A	Secretary	Discharged
06/06	Publish document on the Transition from PCN/GEN Appendix A to PCN/AERO	Secretary	Discharged
07/06	Publish revised NANDTB/10	Secretary	Discharged
08/06	WG comprised of JB, CD and JRT to discuss the pros and cons of establishing some form of formal liaison group for EU NANDTB, and what might be developed for tabling prior to the first forum	Chairman, Mr. Dootson and Secretary	