

航空航天无损检测认证部

认证部（2021）01号

关于修订发布《章程》和《职权范围》的通知

各成员单位：

认证部《关于对章程、职权范围修改内容表决的通知》（认证部秘（2021）5号）已于2021年5月23日发布，《章程（修订草案）》和《职权范围（修订草案）》已按规定程序经全体成员代表审议表决通过，现予公布执行。

- 附件：1. 章程（NANDTB-CN-101 Edition3.1）
2. 职权范围（NANDTB-CN-102 Edition3.2）
3. 成员单位列表

航空航天无损检测认证部
2021年8月6日



1 总则

General

- 1.1 航空航天无损检测认证部，简称“认证部”（NANDTB-CN）。

The Board is called “National Aerospace NDT Board—China (NANDTB-CN)”.

- 1.2 认证部是由政府主管部门授权DiNDT成立，由主承包商和航空航天企业代表参加的，独立的非法人航空航天技术组织。认证部接受国家监管部门监督。

The NANDTB-CN (Hereafter Board) is established by the Qualification and Certification Committee for NDT Personnel of Defense Industry (DiNDT) under accreditation of Government department. It is an independent non-corporation aerospace technique organization, with the participation of prime contractors, company of aerospace industry, and accept supervision by the nation's regulatory agencies.

- 1.3 认证部成员代表来自主承包商和航空航天工业企业，包括观察员和特殊成员。

Membership of the Board, including observers and special members, from the participating prime contractors and company of aerospace industry.

- 1.4 认证部设专门委员会（CorP，简称：专委会）、技术部（TG）。

The Board consist of the Core Participating Panel (CorP) Membership, and the Technology Group (TG) Experts.

- 1.4.1 专门委员会成员由主承包商代表或型号适航证持有者无损检测3级人员组成，以及其他支持认证部工作、有投票权或无投票权的增选代表（Co-opted member）组成。

The CorP staffs are memberships from participating prime contractors or type certificate holders, as a minimum, the voting members in the deciding entity are NDT Level 3 personnel. Other members may be co-opted as voting or non-voting members as necessary to support the Board.

- 1.4.2 技术部由无损检测技术人员、主考人和培训教师等组成，为认证部提供无损检测技术支持。

TG staffs are NDT technicians, examiner, training teachers, to provide support in NDT technology.

- 1.5 认证部秘书处（以下称：秘书处），是认证部常设办事机构，负责其文件的发布及管理、资格鉴定与认证日常工作。

The Secretariat of the NANDTB-CN (Hereafter Secretariat) is the administrative body of the Board. The Secretariat is in charge of the qualification and certification, publishes and controls the documentation approved by the Board and the routine of the Board.

- 1.6 认证部秘书处对认证部政策的执行受认证部成员的监督。

The Board shall maintain oversight of the implementation of its policies by the secretariat of the Board.

- 1.7 认证部制定的文件和工作活动，不能违反国家的法律和法规，其制定的原则政策与程序应和法律法规的相关要求一致。

Actions and Documents of the Board shall not act against the national laws and statutes. The Board shall maintain its principles, policies and procedures consistent with the framework established by the national laws and regulation.

2 目标

Aims and Objective

- 2.1 认证部的工作目标是：根据中国航空航天制造业企业或组织的需求，按照NAS 410 / EN 4179标准要求提供或支持无损检测资格鉴定与考试服务。

The activity of the Board is aimed to satisfy the requirement of China prime contractors and other organizations of aerospace industry. And to provide or support NDT qualification, examination services in accordance with NAS 410 / EN 4179 standard.

3 成员

Membership

- 3.1 认证部成员代表由航空航天制造业企业或组织提名，代表其利益并行使表决权。成员代表应具有3级人员的技术资格。

The member representatives of the Board shall be nominated by the aerospace industry corporations or organizations to represent their interests and vote on their behalf at meetings of the Board. These member representatives shall be technically qualified individuals (holder of level 3 certification).

- 3.2 航空航天制造业企业或组织可以向认证部推荐观察员，观察员代表其委派单位或组织参加认证部活动，为认证工作提供支持、对认证活动进行监督。观察员无表决权。

The aerospace industry corporations or organizations may recommend observers to represent their interests and oversight of the work and procedure of the Board. The Observer shall not have voting rights.

3.3 认证部可以批准一些特别成员，为其提供有利于认证部运行或资格鉴定/认证活动的咨询和帮助。特别成员无表决权。

The Board may approve Special Members to provide expertise that is beneficial to the operation of the Board or Qualification/Certification Program. These members shall not have voting rights.

3.4 工业主管部门、中国民航局(CAAC)委派观察员参加认证部的会议。

The Industry regulatory agencies, CAAC shall nominate a person or persons to attend meetings of the Board with Observer status.

3.5 由认证部的成员代表选举1名部长和1名副部长，任期为5年，可以连任。部长仅在表决双方票数出现相等的情况下，才具有表决权。

Member representatives of the Board elect a Chairperson and a Vice-Chairperson for the duration of 5 years. Re-election is possible. The Chairperson shall only vote to break a tie.

3.6 部长和副部长应是认证部的成员代表。

The Chairperson and the Vice-chairperson shall be a member of the Board.

3.7 认证部秘书，由秘书处委派、认证部通过。秘书没有表决权。

Secretary shall be appointed by the Secretariat and approved by the Board. Secretary shall not be a voting member.

3.8 代表的资格必须通过认证部的确认，获得秘书处的批准。

Member representatives shall be confirmed by the Board and approved by the Secretariat.

3.9 成员单位可以随时以书面方式通知认证部秘书替换和改变他们的代表。

Member organizations may at any time nominate alternates or change their representation by informing the Secretary of the Board in writing.

3.10 成员单位可以向认证部提交书面辞呈声明，终止其成员单位资格。成员单位无正当理由连续2次缺席认证部会议，成员单位资格将被取消。

Participation of member organization may be terminated by a written statement of resignation to the Board or two consecutive absences without a valid excuse.

3.11 如果代表的行为有损于认证部工作，其代表资格可由认证部全体有表决权的成员（见成员列表）以不低于其三分之二的表决通过后，予以取消。

A member representative whose behavior is detrimental to the Board may be dismissed with a majority of not less than two-thirds of all the voting members (see: List of NANDTB-CN Members).

4 职责

Responsibility

- 4.1 部长负责认证部的工作，副部长协助部长工作。部长缺席时，由副部长行使部长职责。

The Chairperson presides over the Board. The Vice-Chairperson will help the Chairperson to carry out the agenda of the Board or, in the absence of the Chairperson, assume the responsibilities of the Chairperson.

- 4.2 认证部全体成员大会对认证部政策规章和程序规则起草和变更的表决批准，表决选举部长、副部长，提出提议并对提议进行表决，对认证部工作监督。

The plenary meeting approves the drafting and change of the policy rules and procedure rules of the Board, votes on the election of Chairperson and Vice-Chairperson, puts forward proposals and votes on them, and supervises the work of the Board.

- 4.3 认证部专门委员会，负责批准认证部资格鉴定与考试的政策、规则、程序流程。包括但不限于：培训大纲和培训教材、NDT新型方法资格鉴定要求、内部和/或外部机构提供培训和/或考试服务、批准/指定认可的审核员、主考人和培训教师。

The CorP is responsible for approval the qualification and examination services in the policies, procedure and regulation, and process include as a minimum: training course outlines and training material, requirements for qualification and examination in emerging NDT method, outside and/or internal organizations providing training and/or examination, approval/designate of accredited auditors examiners and instructors.

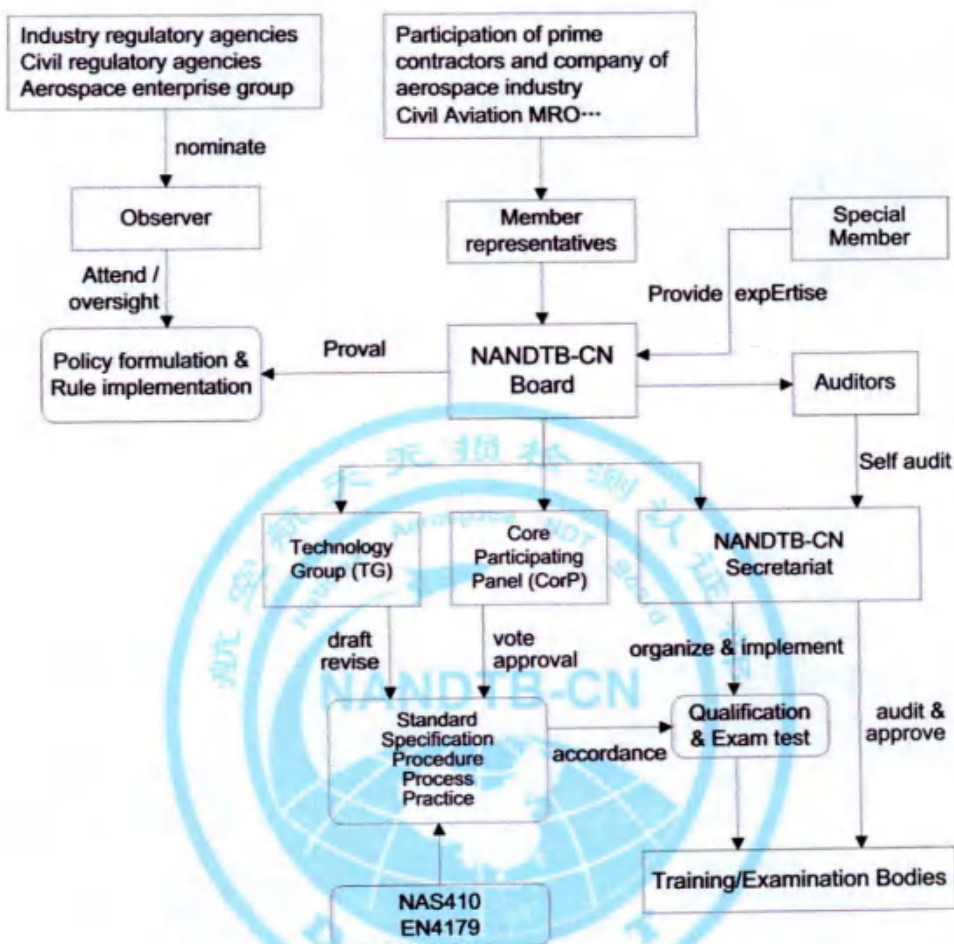
- 4.4 秘书处负责向认证部全体成员大会提交年度工作计划、工作总结，经费使用审计报告。

The Secretariat is responsible for submitting annual work plan, summary of work and audit report on the use of funds to the plenary meeting of the Board.

- 4.5 组织结构图。

Organization structure.





NANDTB-CN Organization Structure

5 会议和表决

Meetings & Voting

- 5.1 认证部每年至少召开1次全体成员代表会议。

The Board will have plenary meeting at least once per year.

- 5.2 认证部中的任何3名成员单位，可以联名以书面形式提请召开特别会议，并向秘书明确提议召开的目的。召开会议应经部长同意，并在收到请求的30天之内进行。

Any three voting members of the Board may request a special meeting at any time by written

notification to the Secretary. Such notification must state clearly the purpose of the proposed meeting and the meeting shall be carried out under the agreement of Chairperson within 30 days of receipt of the notification.

5.3 每一成员单位只有1个表决权。

Each member organization shall have one vote.

5.4 在保证所有成员能得到相同信息的前提下，可选择电子邮件、电话会议或其它的方式进行讨论和表决。秘书应确认成员收到相关信息。

The execution of discussions and voting by email, telephone-conference or comparable media is allowed if is guaranteed that all members get the same information. Secretary shall confirm the receipt of the information.

5.5 表决可以通过信函、电子邮件或传真的方式向秘书递交。表决信息在传输过程中丢失或延迟由成员单位自己负责。超过截止时间的表决不予考虑。

Members are not required to be present to vote. Votes can be made to the Secretary by letter, email, or fax. Responsibility for late arrival or lost information lies with the voting members. Votes received after the designated closure date shall not be considered.

5.6 全体成员代表会议对于本章程的起草和变更的表决，以及对部长和副部长的选举，表决通过人数应不低于全体有表决权成员的三分之二，其他决议的表决只需全体有表决权的成员半数以上表决通过即可。

Approval of PM in the draft and changes to this Constitution for the Board, and election of Chairperson and Vice-Chairperson, shall be decided by a majority of not less than two-thirds of the all the voting members. Other matters shall be decided by a simple majority.

6 文件起草和发布

Document Draft & Publication

6.1 由秘书起草会议纪要，其内容包括会议的地点、交流的方式、日期和时间、表决结果，以及认证部的会议议题、议题状态和进展情况等。秘书须在会议纪要上签字。

Resolutions are minuted in writing by the secretary including the location, type of communication and the date and time of the meeting and the voting results. A list of action items, generated by the Board, shall be maintained and status and progress shall be documented. The minutes are signed by the secretary.

6.2 会议纪要在NANDTB-CN网页上公布。

The minutes shall be posted on NANDTB-CN webpage.

6.3 秘书按照认证部要求起草文件，或者接收来自于认证部成员的草案。

Secretary drafts documents at the request of the Board, or receives drafts from Board members.

6.4 认证部批准的文件由秘书处发布和管理。

The Secretariat publishes and controls the documentation approved by the Board for publication.

6.5 由认证部批准的文件在NANDTB-CN网页上公布。

Documents approved by the Board shall be posted on NANDTB-CN webpage.

7 文件生效

Commencement

7.1 本章程由秘书处起草，经认证部表决通过后生效。

The Constitution, drafted by Secretariat, shall become effective agreed upon by the Board.

7.2 本章程的中文版优先于英文版。

The Chinese version of the Constitution takes precedence over the English one.

7.3 本章程由认证部负责解释。

The Board reserves the right of interpretation for the Constitution.

8 修订记录

Revised Records

所有者	版本/修订	更改摘要	修订时间
NANDTB-CN	3/1	对 1.2、1.3 和 1.4 款内容文字进行了修改，将“决策部(CorT)”更名为“专门委员会(CorP)”；修改了“组织结构图(organization structure)”的相关内容。	2021.5.22

认证部秘书处批准（签字/盖章）：



1 总则

General Principles

- 1.1 根据认证部章程制定发展策略，依据NAS410/EN4179开发制度。

Formulate policy according to the Constitution of the Board. Developing system in accordance with NAS410/EN4179.

- 1.2 依据NAS410/EN4179、AC7114/11制定流程和程序，控制无损检测培训和考试的实施。

Draw up processes and procedures based on NAS410/EN4179 and AC7114/11, Control the conduct of NDT training and examination.

- 1.3 为雇主和责任3级提供符合NAS410/EN4179要求的支持和指导。

Provide support and guidance to employers and Responsible Level 3 to meet requirements of NAS410/EN4179.

- 1.4 审核、监督和控制无损检测人员的培训和考试。

Audit, supervise and control the training and examination of NDT personnel.

- 1.5 制定NDT新方法资格鉴定与考试政策和流程。

Developing policies and process of qualification and examination in emerging NDT method.

- 1.6 寻求其他国家航空航天无损检测委员会及相关机构对认证部政策和程序的认可。

Seek recognition in policies and procedures with other NANDTB, and pertinent bodies.

- 1.7 制订政策流程可在其他国家NANDTB控制下取得的人员资格。

To formulate policy and process to recognition of qualifications under the control of the NANDTB of other countries.

- 1.8 向主管部门/航空当局提供无损检测人员认证政策咨询和信息服务。

Provide policy and information advisory services to competent authorities/aviation authorities on certification of NDT personnel.

2 成员

Membership

- 2.1 全体成员大会

- 表决批准认证部章程、选举规则、标识使用文件的起草和变更。
- 表决选举部长、副部长。
- 审阅财务报告和年度工作总结。
- 提出提议。

The Plenary Meet of all voting members of the Board

- Voting to approve the drafting and revise of the constitution, terms of reference, election rules and Logo usage.
- Vote on the election of the Chairperson and the Vice-chairperson.
- Review of financial reports and summary of annual work.
- Put forward proposals.

2.2 成员单位

- 使用认证部的资格鉴定与考试。
- 支持成员代表参加认证部工作和活动，并为他们提供便利。
- 承办认证部会议，支持认证部工作。
- 为认证部培训考试提供试件。

Membership Unit

- Shall use the qualification and examination of the Board.
- Support and facilitate the participation of members' representatives in the work and activities of the Board.
- Undertaking meetings and to support the work of the Board.
- Provide test samples for training and examination of the Board.

2.3 成员代表

- 认证部中的任何3名成员单位，可以联名以书面形式向秘书处提请召开特别会议通告，并明确提议召开会议的目的。
- 见证认证部审核。

Member Representatives

- Any three voting members of the Board may request a special meeting at any time by written notification to the Secretary. Such notification must state clearly the purpose of the proposed meeting.
- Witness audits undertaken by the Board.

2.4 部长和副部长

- 部长负责主持召开认证部全体会议，获得表决结果。
- 审查成员提议，批准召开特别会议(接到通告后30天内)。
- 副部长协助部长工作。部长缺席时，由副部长行使部长职责。

The chairperson and the vice-chairperson

- The Chairperson presides over Plenary Meet of the Board, get the result of the vote.
- Investigate members' proposal, and to approve the convening of the special meeting (within 30 days of receipt of the notification)
- The Vice-Chairperson will help the Chairperson to carry out the agenda of the Board or, in the absence of the Chairperson, assume the responsibilities of the Chairperson.

3 专门委员会

The Core Participating Panel (CorP)

3.1 认证部专门委员会（专委会），负责批准认证部资格鉴定与考试的政策、规则、程序流程。包括但不限于：

- 批准资格鉴定与考试政策、程序和规则。
- 批准培训大纲和培训教材。
- 批准内部和/或外部机构提供培训和/或考试服务。
- 批准NDT新型方法资格鉴定要求。
- 批准/指定认可的审核员、主考人和培训教师。

The CorP is responsible for approval the qualification and examination services in the policies, procedure and regulation, and process include as a minimum:

- Approval of qualification and examination policies, procedures and rules.
- Approval training course outlines and training material.
- Approve outside and/or internal organizations providing training and/or examination services.
- Approval requirements for qualification and examination in emerging NDT method.
- Approval/designate of accredited auditors examiners and instructors.

4 技术部

The Technology Group (TG)

4.1 认证部技术部，负责起草、修订认证部资格鉴定与考试的技术规则、程序和规程，在技术上支撑认证部开展资格鉴定与考试活动，包括但不限于：

- 开发、修订和/或评审培训大纲和培训教材。
- 审查考试试题和考试试件。
- 根据标准和实施规程，提出NDT方法/技术的资格鉴定与考试要求。
- 提出培训和考试技术能力要求。
- 拟订NDT新增/新型方法/技术的资格鉴定与考试要求。
- 提出NDT方法/技术主考人和培训教师要求。
- 拟定各专业工作计划，起草专业组年度工作总结。

The TG is responsible for drafting and revising the technique regulation, procedures and practice of the qualification and examination, and to support the Board in carrying out the activities of qualification and examination technically. include as a minimum:

- Develop revision and/or review training course outlines and training material.
- Review examination question and examination testing samples.
- Put forward the qualification and examination requirements of NDT method/technique, according to the standards and written practice.

- Put forward the requirements of training and/or examination provider.
- Define requirements for qualification and examination of NDT personnel in new/emerging NDT method/technique.
- Put forward requirements for examiner and instructor of NDT method/technique.
- Draw up the working plan and the annual summary of the Technology Group.

5 秘书处

Secretariat

5.1 秘书处负责认证部日常工作，包括文件的发布及管理、资格鉴定和考试等，但不限于：

- 起草、修订认证部文件，发布通知。
- 建立考试题库和试件库。
- 组织资格鉴定和命题考试，管理考试。
- 对内部和/或外部机构培训和考试进行审核。
- 保留档案文件、资格鉴定与笔试和实操考试记录。
- 组织审核员、主考人和培训教师的培训和资格审查。
- 负责认证部职权范围的拟订和修改。
- 组织出版发行。
- 向全体成员大会提交年度工作计划、工作总结。

The Secretariat is in charge of the routine of the Board, include the issuance and management of documents, qualification and examination, etc., but not limited to:

- Drafting and revising documents of the Board, issuing announcements and notices.
- Setup examination question bank and sample bank.
- Conduct qualification, create examination questions and administer examinations.
- Auditing outside and/or internal organizations providing training and examination.
- Retain archives and records of qualification, written and practical examinations.
- Conduct training and qualification review of auditor, examiner and instructor.
- Responsible for the formulation and revision of the Terms of Reference of the Board.
- Publishing and distribution.
- Submit annual work plan and summary to the Plenary Meet of the Board.

6 秘书处挂靠单位

The company of support on the Secretariat

6.1 秘书处挂靠单位是一个或几个实体单位，为秘书处日常工作提供办公行政支持和财务管理，包括但不限于：

- 日常工作、差旅会议、涉外活动等事务管理。
- 人力资源管理（秘书处长期或临时雇员合同、保险等）。
- 财务管理：培训考试及其他相关收入；工资性支出，劳务评审费，日常办公事务，会

议差旅及食宿费，出版发行，信息系统开发费用等。

- 提供办公及会议场所设施、办公用品及固定资产、信息设备和相关载体。
- 提供文档资料、考试试件存放场所，并采取必要的安全措施。
- 开发资格鉴定与考试信息管理系统软件及设备。
- 向全体成员大会提供年度财务报告。

The supported unit of the Secretariat is one or several entity units, which provides office administrative support and financial management for the daily work of the Secretariat, including but not limited to:

- Manage for routine duties, travel & meetings, foreign-related activities and other affairs.
- Human resources management (Secretaries, temporary employee contracts and insurance, etc.).
- Financial management: training examination and other other dependent income; salary expenditure, labor service and audit fees, office routine, conference travel board and lodging expenses, publishing and distribution, information system development costs, etc.
- Provide office and conference facilities, office supplies and fixed assets, information equipment and related carriers.
- Provide the storage place for documents and examination test samples, and take necessary safety measures.
- Develop the software and equipment of qualification and examination information system.
- Providing annual financial reports to the Plenary Meet of the Board.

7 附 则

Annex

- 7.1 本规定自发布之日起执行，送秘书处挂靠单位存档。

These regulations shall be implemented since issued and submitted to affiliated units of the Secretariat for filing.

- 7.2 本规定由认证部秘书处负责解释。

The Secretariat of the Board shall be responsible for the interpretation of these regulations.

8 修订记录

Revised Records

所有者 Owner	版本/修订 Edition/Rev	更改摘要 Change summary	修订时间 Revision Date
NANDTB-CN	3/2	(1) 定义秘书处挂靠单位职责/define the responsibility of the company which support on the Secretariat of the Board. (2) 将“决策部(CorT)”更名为“专门委员会(CorP)”/rename the Core Participating term (CorT) as the Core Participating Panel (CorP).	2021.5.22
/	/	/	/

认证部秘书处批准 (签字/盖章):

Secretariat (Signature/Seal):



附件 3

成员单位列表

List of Members

序号 No	成员单位 Member Organization
1	中国商用飞机有限责任公司 (COMAC) Commercial Aircraft Corporation of China Ltd
2	中国航发上海商用航空发动机制造有限责任公司 (AECC-CAEM) AECC Commercial Aircraft Engine Co., Ltd
3	通用电气 (中国) 研究开发中心有限公司 (GE-CTC) GE (China) Research and development Center Co.,Ltd.
4	西安航空发动机 (集团) 有限公司 (XAE) Xi'an Aeroengine (Group) LTD
5	上海飞机制造有限公司 (SAMC) Shanghai Aircraft Manufacturing Company
6	厦门太古飞机工程公司 (TAECO) Taikoo (Xiamen) Aircraft Engineering Co.,Ltd.
7	沈阳飞机工业 (集团) 有限公司 (SAC) Shenyang Aircraft Group Industry Co.,Ltd.
8	中国南方航空工业 (集团) 有限公司 (SAIC) South Aeroengine Corporation of China
9	中国航发航空科技股份有限公司 AECC Aero Science & Technology Co, LTD.
10	西安航空动力控制有限责任公司 (AECC) Xi'an Aero-Engine Controls Co.
11	哈尔滨飞机工业 (集团) 有限责任公司 (HAFEI) Harbin Aircraft Industry Group Co.LTD.
12	普拉特-惠特尼管理上海有限公司 Pratt & Whitney Management Shanghai.
13	中航工业金城南京机电液压工程研究中心 Nanjing Engineering Institute of Aircraft Systems, Jinchen Group, AVIC
14	中国航空工业集团公司北京航空制造工程研究所 AVIC Beijing Aeronautical Manufacturing Technology Research Institute
15	中航金属材料理化检测科技有限公司 AVIC METAL TEST TECHNOLOGY CO.,LTD
16	北京星航机电设备厂 (XHMEF) BeiJing XingHang Mechanical-Electrcal Equipment Factory
17	航天特种材料及工艺技术研究所 Aerospace Research Institue of special Material and process Technology
18	贵州安大航空锻造有限责任公司 (ANDA) Guizhou Anda Aviation Forging Co.,Ltd.

序号 No	成员单位 Member Organization
19	宝钛集团有限公司 (BAOTI) BAOTI Group Co.,Ltd
20	西安飞机工业 (集团) 有限责任公司 (XAC) Xi'an Aircraft Company
21	贵州红林机械有限公司 Guizhou Honglin Machinery corporation LTD.
22	中航工业西安飞行自动控制研究所 AVIC XiAn Flight Automatic Control Research Institute
23	鹏翔飞控作动系统 (西安) 有限责任公司 Parker FACRI Actuation System (Xi'an) Co.,Ltd
24	中国第二重型机械集团德阳万航模锻有限责任公司 China National Erzhong Group Deyang Wanhang Die Forging Co.,Ltd.
25	东方蓝天钛金科技有限公司 (OBTC) Oriental Bluesky Titanium Technology Co.,Ltd.
26	中国航发北京航科发动机控制系统科技有限公司 AECC Beijing Hangke Engine Control System Science&Technology Co.,Ltd
27	北京航瀛精诚检测技术有限公司 Beijing Hangyingjingcheng Testing Service Co.,Ltd
28	中航力源液压股份有限公司 AVIC Liyuan Hydraulic Co.,Ltd