



中国民用航空总局

## 咨 询 通 告

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编 号：AC-ARJ21-00

颁发日期：2008 年 1 月 10 日

# ARJ21 飞机可使用的指导性政策指南

中国民用航空总局航空器适航审定司

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# 中国民用航空总局航空器适航审定司

## 咨 询 通 告

编 号：AC-ARJ21-00

部门代号：AAD

生效日期：2008 年 1 月 10 日

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## 接受国外咨询通告的政策指南

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### 1. 目的

本咨询通告就 ARJ21 飞机型号合格审定过程中符合性验证工作可以接受国外的咨询通告和技术政策指南提供政策指导。

### 2. 适用性

在 ARJ21 飞机的型号合格审定过程中，申请人应当依据能被局方接受的符合性方法进行相关的符合性验证工作。通常，咨询通告包含这种由局方和工业界的经验所确定的、对适航规章表明符合性的方法。在 ARJ21 飞机的型号合格审定过程中，申请人在表明对审定基础的符合性时可使用和遵循 FAA 颁发的咨询通告和技术政策指南。

### 3. 一般要求和说明

在型号合格审定过程中，申请人在符合性验证的计划准备阶段，应充分考虑使用和遵循咨询通告和技术政策指南的要求来开展符合性验证工

作，通常应在试验大纲中明确符合性验证工作所依据的咨询通告和技术政策指南；在符合性验证报告的编制阶段应包括一个摘要，概述该符合性验证工作所依据的咨询通告和技术政策指南。对于 ARJ21 飞机的型号合格审定过程，申请人可以使用和遵循 FAA 颁发的咨询通告或者技术政策指南(清单见附件 1)。局方接受这些咨询通告和技术政策指南，承认其具有与中国民航咨询通告相同的法律地位。

#### **4. 附则**

4.1 本程序由中国民用航空总局航空器适航审定司负责解释。

附件 1

截至 2007 年 7 月 FAA 颁发的和运输类飞机相关的咨询通告和技术政策指南清单

编号	英文标题	中文标题
AC 00-58A	Voluntary Disclosure Program	自愿披露项目
AC 20-30B	Aircraft Position Light and Anti-collision Light Installation	航空器位置灯和防撞灯的安装
AC 20-34D	Prevention of Retractable Landing Gear Failures	防止可收放起落架失效
AC 20-38A	Measurement of Cabin Interior Emergency Illumination in Transport Airplanes	运输类飞机客舱内部紧急照明测量
AC 20-41A	Substitute Technical Standard Order (TSO) Aircraft Equipment	替代技术标准规定 (TSO) 航空器设备
AC 20-42C	Hand Fire Extinguishers for Use in Aircraft	航空器上使用的手持式灭火器
AC 20-45	Safetying of Turnbuckles On Civil Aircraft	民用飞机锁定卡箍的安全锁定
AC 20-65A	U.S. Airworthiness Certificates	美国适航证
AC 20-67B	Airborne VHF Communication Equipment Installation	机载 VHF 通信设备的安装
AC 20-71	Dual Locking Devices on Fasteners	紧固件上的双锁定装置
AC 20-73A	Ice Protection	防冰
AC 20-74	Aircraft Position and Anti-Collision Light Measurements	航空器位置灯和防撞灯的测量
AC 20-88A	Guidelines on the Marking of Aircraft Powerplant Instruments (Displays)	航空动力装置仪表 (显示) 标记指导

编号	英文标题	中文标题
AC 20-97B	Aircraft Tire Maintenance And Operational Practices	航空器轮胎维修和使用措施
AC 20-99	Anti Skid and Associated Systems	防滑及其相关系统
AC 20-107A	Composite Aircraft Structure	复合材料航空器结构
AC 20-109A	Service Difficulty Program	使用困难项目
AC 20-128A	Design Considerations For Minimizing Hazards Caused By Uncontained Turbine Engine and APU Rotor Failure	非包容涡轮发动机和 APU 转子失效引起的最小危害设计考虑
AC 20-121A	Airworthiness Approval of Airborne Loran-C Navigation Systems for Use in the US National Airspace System	美国国家空域系统内使用的机载 Loran-C 导航系统的适航批准
AC 20-129	Airworthiness Approval of Vertical Navigation (VNAV) Systems for use in the US NAS and Alaska	美国国家空域系统和阿拉斯加使用的垂直导航 (VNAV) 系统的适航批准
AC 20-130A	Airworthiness Approval of Navigation or Flight Management Systems Integrating Multiple Navigation Sensors	导航或者飞行管理系统集成多功能导航感应器的适航批准
AC 20-134	Test Procedures for Maximum Allowable Airspeed Indicators	最大允许空速指示的试验程序
AC 20-135	Powerplant Installation and Propulsion System Component Fire Protection Test Methods	动力装置安装和推进系统组件防火试验方法
AC 20-136	Protection of Aircraft Electrical/Electronic Systems Against the Indirect Effects of Lightning	航空器电子电气系统对闪电非直接影响的保护

编号	英文标题	中文标题
AC 20-138	Airworthiness Approval of Global Positioning System (GPS) Navigation Equipment for use as a VFR and IFR Supplemental Systems	用作 VFR 和 IFR 补充系统的 GPS 导航设备的适航批准
AC 20-141	Airworthiness and Operational Approval of Digital Flight Data Recorder Systems	数字飞行数据记录器系统的适航和运行批准
AC 20-140	Guideline for Design Approval of Aircraft Data Communications Systems	航空器数据通信系统设计批准指导
AC 20-144	Recommended Method For FAA Approval Of Aircraft fire Extinguishing System Components	FAA 批准航空器灭火系统组件的建议方法
AC 20-145	Guidance for Integrated Modular Avionics that Implement TSO-C153 Authorized Hardware Elements	实施 TSO-C153 授权硬件原件的集成模块航电设备指导
AC 20-148	Reusable Software Components	可重复使用软件组件
AC 20-151	Airworthiness Approval of Traffic Alert and Collision Avoidance Systems (TCASII) V.7.0 and Associated Mode S Transponders	交通警告和防撞系统 (TCASII) 7.0 版本和 S 模式应答机的适航批准
AC 20-153	Acceptance of Data Processes and Associated Navigation Databases	数据处理和相关导航数据库的接受
AC 20-154	Receiving Inspection Procedures	接收检查程序
AC 20-155	SAE Document to Support Aircraft Lightning Protection Certification	支持航空闪电防护审定的 SAE 文件
AC 20-156	Aviation Databus Assurance	航空数据总线保证

编号	英文标题	中文标题
AC 21-1B	Production Certificate	生产合格证
AC 21-6A	Production under TC Only	仅依据型号合格证的生产
AC 21-12B	Application for Standard Airworthiness Certificate	标准适航证的申请
AC 21-20B	Supplier Surveillance	供应商监督
AC 21-26	Quality Control for the Manufacture of Composite Structures	复合材料结构制造的质量控制
AC 21-29B	Suspected Unapproved Parts Reporting	可疑的未经批准零部件的报告
AC 21-32A	Control of parts shipped prior to Production Certificate	在生产合格证前交付零部件的控制
AC 21-33	Quality Assurance of Software used in Aircraft of Related Products	用于航空器相关产品的软件的质量保证
AC 21-36	Product acceptance Software Control	产品接受软件控制
AC 21.101-1	Establishing the Certification Basis of Changed Aeronautical Products	确定更改航空产品的审定基础
AC 25-4	Inertial Navigation Systems (INS)	惯性导航系统 (INS)
AC 25-7	Flight Test Guide for Certification of Transport Category Airplanes	运输类飞机合格审定试飞指导
AC 25-11	Transport Category Airplane Electronic Display Systems	运输类飞机电子显示系统
AC 25-12	Airworthiness Criteria for the Approval of Airborne Windshear Warning Systems in Transport Category	运输类飞机机载风切变警告系统的适航批准准则
AC 25-13	Airworthiness Criteria for the Approval of Airborne Windshear Warning Systems in Transport Category	运输类飞机机载风切变警告系统的适航批准准则

编号	英文标题	中文标题
AC 25-15	Approval of Flight Management Systems in Transport Category Airplanes	运输类飞机飞行管理系统的批准
AC 25-16	Electrical Fault and Fire Prevention and Protection	电子差错和防火及保护
AC 25-17	Transport Airplane Cabin Interiors Crashworthiness Handbook	运输类飞机客舱内饰适坠性手册
AC 25-19	Certification Maintenance Requirements	审定维修要求
AC 25-20	Pressurization, Ventilation and Oxygen System Assessment for Subsonic Flight Including High Altitude Operations	亚音速、高高度飞行的增压、排气和氧气系统评估
AC 25-21	Certification of Transport Airplane Structure	运输类飞机结构的合格审定
AC 25-22	Certification of Mechanical Systems	机械系统的合格审定
AC 25-24	Sustained Engine Imbalance	连续发动机不平衡
AC 25.571-C	Damage Tolerance and Fatigue Evaluation of Structure	结构的损伤容限和疲劳评估
AC 25.613-1	Material Strength Properties and Material Design Values	材料强度性能和材料设计值
AC 25.629-1A	Aeroelastic Stability Substantiation of Transport Category Airplanes	运输类飞机气弹稳定性验证
AC 25-672-1	Active Flight Controls	主动飞行控制
AC 25-703-1	Takeoff Configuration Warning Systems	起飞构型警告系统
AC 25-723-1	Shock Absorption Tests	冲击吸收试验
AC 25-735-1	Brakes and Braking Systems Certification Tests and Analysis	刹车和刹车系统合格审定试验和分析
AC 25-773-1	Pilot Compartment View Design Considerations	驾驶舱评审设计考虑



编号	英文标题	中文标题
AC 25.775-1	Windows and Windshields	窗户和风挡
AC 25-783-1	Fuselage Doors and Hatches	机身舱门和口盖
AC 25.795-1	Flightdeck Intrusion Resistance	驾驶舱入侵抵抗
AC 25-853-1	Flammability Requirements For Aircraft Seat Cushions	航空器座椅垫的可燃性要求
AC 25-856-1	Thermal/Acoustic Insulation Flame Propagation Test Method Details	隔音隔热材料的火焰穿透试验方法细节
AC 25-856-2	Installation of Thermal/Acoustic Insulation for Burn Through Protection	隔音隔热材料垂直燃烧保护的安装
AC 25-869-1	Electrical System Fire and Smoke Protection	电气系统火焰和烟雾保护
AC 25.963-1	Fuel Tank Access Covers	燃油箱进出口盖
AC 25-981-1B	Fuel Tank Ignition Source Prevention Guidelines	燃油箱点燃源防护指南
AC 25-1309A	System Design and Analysis	系统设计和分析
AC 25-1329-1A	Automatic Pilot Systems Approval	自动驾驶系统批准
AC 25-1353-1	Electrical Requirement and Installations	电气要求和安装
AC 25-1357-1	Circuit Protective Device Accessibility	电路保护装置的可达性
AC 25-1419A	Certification of Transport Category Airplanes for Flight In Icing Conditions	运输类飞机结冰条件飞行的合格审定
AC 25-1435-1	Hydraulic System Certification Tests and Analysis	液压系统合格审定试验和分析
AC 25-1455-1	Waste Water/Potable Water Drain System Certification Testing	废水/饮用水系统合格审定试验
AC 25-1457-1A	Cockpit Voice Recorder Installations	驾驶舱语音记录器安装

编号	英文标题	中文标题
AC 25.1529-1	Instructions for Continued Airworthiness of Structural Repairs on Transport Airplanes	运输类飞机结构修理的持续适航文件
AC 27-9A	Smoke Detection, Penetration, and Evaluation Tests and Related Flight Manual Emergency Procedures	烟雾探测、传统和评估试验和相关的飞行手册应急程序
AC 43-4A	Corrosion Control for Aircraft	航空器的腐蚀控制
AC 43-13-1B Change 1	Acceptable Methods, Techniques, and Practices – Aircraft Inspection and Repair	航空器检查和修理 – 可接受的方法、技术和措施
AC 91-56A	Continuing Structural Integrity Program For Large Transport Category Airplanes	大型运输类飞机连续结构完整性大纲
AC 91-60	The Continued Airworthiness Of Older Airplanes	老旧飞机的持续适航
AC 120-16D	Air Carrier Maintenance Programs	航空承运人维修大纲
AC 120-28D	Criteria for Approving Category III Landing Weather Minima	III 类着陆最低气象条件的批准准则
AC 120-29A	Criteria for Approving Category I and Category II Landing Minima for 14 CFR 121 Operators	121 部运营人的 I 类和 II 类着陆最低条件的批准准则
AC 120-73	Damage Tolerance Assessment Of Repairs To Pressurized Fuselages	对增压机身修理的损伤容限评估
AC 120-76	Guidelines for the Certification, Airworthiness and Operational Approval of Electronic Flight Bag Computing Devices	电子飞行包计算机设备的合格审定、适航和运行批准指南
AC 120-79	Developing and Implementing a Continuing Analysis and Surveillance System	开发和实施连续分析和监视系统

编号	英文标题	中文标题
AC 121-13	Self-Contained Navigation Systems (Long Range)	自包容导航系统（远程）
AC 121-22A	Maintenance Review Board Procedures	维修评审委员会程序
AC 129-4	Maintenance Programs For U.S.-Registered Aircraft Under Far Part 129	129 部美国注册航空器的维修大纲
PS-ANM-02-113-016	Below Deck Cargo Compartment Smoke Penetration Into Occupied Areas	下货舱烟雾穿透进入有乘员区域
PS-ANM-03-112-16	Interim Policy On High Altitude Cabin Decompression	高高度客舱失压的内部政策
PS-ANM-03-117-09	Guidance for Determination of System, Hardware, and Software Development Assurance Levels on Transport Category Airplanes	确定运输类飞机系统、硬件和软件设计保证等级（DAL）的指导
PS-ANM100-00-113-1034	Use of ARAC (Aviation Rulemaking Advisory Committee) Recommended Rulemaking not yet formally adopted by the FAA, as a basis for equivalent level of safety or exemption to Part 25	使用未正式被 FAA 采纳的 ARAC 建议立法草案作为 25 部的等效安全或者豁免
PS-ANM100-1981-00022	Separation of Control Systems	控制系统的隔离
PS-ANM100-1982-00038	FAR 25.723 Energy Absorption Tests	25.723 条能量吸收试验
PS-ANM100-1984-00039	Failsafe Tab Control Systems, FAR 25.629	破损安全调整片控制系统, 25.629 条
PS-ANM100-1984-00053	Requirement for Fail-Safe Wing Flap Design	破损安全翼尖小翼的设计要求
PS-ANM100-1985-00017	Definition of Terms Used in FAR 25.1439	用于 25.1439 条的术语定义

编号	英文标题	中文标题
PS-ANM100-1986-00019	Policy Regarding Compliance With Control System Operations Test § 25.683	符合 25.683 条控制系统操作试验的政策
PS-ANM100-1987-00016	Fire Containment Testing of Special Purpose Waste Receptacles	特殊用途废物容器的火焰包容试验
PS-ANM100-1987-00052	Rapid Decompression into Normally Un-pressurized Areas	快速失压进入正常非增压区域
PS-ANM100-1989-00018	Guidance for Installation of Door Warning Lights	舱门警告灯安装指南
PS-ANM100-1989-00044	Guidance Concerning Continued Operational Safety and Airworthiness Directives (AD)	持续运行安全和适航指令指南
PS-ANM100-1990-00042	Additional Guidance Concerning Continued Operational Safety and Airworthiness Directives (AD)	持续运行安全和适航指令的附加指南
PS-ANM100-1993-00015	Guidance on Passenger Cabin Fire Extinguishers	客舱灭火器指南
PS-ANM100-1995-00020	Policy Regarding Flight Control Jams For "Normally Encountered Positions" § 25.671(c)(3)	对 25.671 条(c)(3)正常使用位置飞控系统卡阻的政策考虑
PS-ANM100-1995-00104	The Role of Maintenance Computers in Exposure Time Assumptions For Quantitative Safety Analyses	用于定量安全分析的维修计算机暴露时间假设
PS-ANM100-1999-00062	Airplane Operation with Air Conditioning Packs-Off	空调系统包关闭状态下的飞机运行
PS-ANM100-2000-00106	Free-Play Limits and Inspection Procedures For Flutter Prevention, § 25.629 and Advisory Circular (AC) 25.629-1A	与 25.629 条和 AC 25.629-1A 相关的颤振预防的自由行程限制和检查程序

编号	英文标题	中文标题
PS-ANM100-2000-00118	Use of the Aircraft Materials Fire Test Handbook	航空器材料燃烧试验手册的使用
PS-ANM100-2001-01109	Ram Air Turbine (RAT) Approval	冲压涡轮 (RAT) 批准
PS-ANM100-1999-115-99-22	Transport Airplane Directorate Policy Regarding Methods Used to Determine the Likelihood of Catastrophic Failure Events	运输类飞机审定中心政策, 确定灾难性失效事件概率所用的方法
ANM-01-04	System Wiring Policy for Certification of Part 25 Airplanes Type design data must include: Drawing package or equivalent, Specifications referenced by drawings, Drawings that define location, installation, and routing of all equipment	系统布线政策: 25 部飞机型号设计资料必须包括: 图纸包, 图纸所依据的规范, 定义所有设备的位置、安装和线路的图纸
No. 00-111-160	Interim Policy Guidance for Certification of In-flight Entertainment Systems (IFE) on Title 14 CFR Part 25 Aircraft	25 部飞机飞行娱乐系统 (IFE) 合格审定的内部政策指南
PS-ANM-01-02	FAA Policy on Type Certification Assessment of Thrust Management Systems	对推力管理系统合格审定评估的 FAA 政策
	FAA Human Factors Team Report - The interfaces Between Flight crews and Modern Flight Deck Systems	FAA 人为因素研究组报告 - 机组和现代驾驶舱系统的界面
PS-ANM100-1992-00057	Airspeed Displays for Electronic Flight Instrument System (EFIS)	电子飞行仪表系统 (EFIS) 的空速显示
PS-ANM100-1996-00056	Low and High Speed Awareness Cues for Liner Tape Airspeed Displays	线性带状空速显示的低速和高速警告标志

编号	英文标题	中文标题
PS-ANM100-2001-116	Policy statement with respect to all Electric Attitude, Altitude, Direction & Airspeed Systems using Battery Standby Power	使用电池备份能源的所有电子高度、姿态、方向和空速系统的政策
PS-ANM111-1999-99-2	Guidance for Reviewing Certification Plans to address Human Factors for Certification of Transport Airplane Flight Decks	评审关于运输类飞机驾驶舱合格审定人为因素审定计划的指南
ANM-01-03	Factors to Consider When Reviewing an Applicant's Proposed Human Factors Methods for Compliance for Flight Deck Certification	评审申请人提交的驾驶舱合格审定中人为因素符合性方法的要素
ANM-100-1992-00057	Airspeed Displays for Electronic Flight Instrument Systems (EFIS)	电子飞行仪表系统 (EFIS) 的空速显示
ANM-100-1996-00056	Low and High Speed Awareness Cues for Linear Tape Airspeed Displays	线性带状空速显示的低速和告诉警告标志
PS-ANM-03-117-09	Guidance for Determination of System, Hardware, and Software Development Assurance Levels on Transport Category Airplanes	确定运输类飞机系统、硬件和软件设计保证等级 (DAL) 的指南
ANM-111-05-004	Lightning Direct Effects	闪电直接影响
PS-ANM100-1999-00021	Requirements of FAR 25.1357(e)	25.1357 条(e)的要求
ANM-03-111-18	Policy Statement on the Installation of Transport Category Airplane Flight deck Liquid Crystal Displays	运输类飞机驾驶舱液晶显示安装的政策