

主要制造商一览

下面为您介绍世界顶级商务机制造商，及其现有机型和即将推出的机型。

The major aircraft manufacturers AT A GLANCE

Here's a look at the world's leading business jet manufacturers and their current and upcoming models.

by Matt Thurber



空中客车
AIRBUS 空中客车商务机 Airbus ACJ
www.airbus.com

总部：法国布拉尼亚克
Headquarters: Blagnac, France

销售（商务机）：2012-9架，6亿1600万美元
Sales (business aircraft): 2012-nine units, \$616 million

在生产的机型：ACJ318, ACJ319, ACJ320, 以及VIP宽体机型
Aircraft in production: ACJ318, ACJ319, ACJ320, plus VIP widebodies

空中客车公司于1997年推出A319系列飞机的行政机型——空客商务机（ACJ），进军商务机市场。该公司推出的三种单通道商务机现命名为ACJ318，ACJ319和ACJ320。空客商务机公司计划在2018年初为ACJ319和ACJ320启用“新引擎选项”。由于政府和其他客户要求飞机在空间和远程航行方面表现一流，空中客车公司同时也生产了宽体A330，A340，A350和A380系列行政机。

Airbus entered the bizliner market in 1997 with the Airbus Corporate Jet (ACJ), an executive version of its A319 airliner. The company's three single-aisle bizliners are now named the ACJ318, ACJ319 and ACJ320. Airbus Corporate Jets plans to offer the "new-engine option" (neo) for the ACJ319 and ACJ320 beginning in 2018. For government and other customers requiring the ultimate in space and long-distance capability, Airbus also produces executive versions of its A330, A340, A350 and A380 widebody jetliners.



豪客 King Air C90GTX Hawker King Air C90GTX
比奇飞机公司
BEECHCRAFT CORPORATION
www.beechcraft.com

总部：美国堪萨斯州威奇托
Headquarters: Wichita, Kansas, U.S.

销售（商务机）：2012-177架，11.18亿美元
（其中包括36架活塞式飞机）
Sales (business aircraft): 2012-177 units, \$1.118 billion (totals include 36 piston aircraft)

在生产的机型：King Air C90GTX, 250,350
Aircraft in production: King Air C90GTX, 250, 350i

比奇公司的历史可以追溯到1937年，这一年瓦特·比奇（Walter Beech）推出了Model 18，该飞机可以认为是第一款有争议的客舱级、双引擎商务机。在此基础上，1964年，比奇推出了双涡轮螺旋桨发动机飞机King Air，这一款飞机历经数次改进升级，时至今日仍在生产。1980年，Raytheon收购了比奇公司，并将豪客商务喷气机品牌与之融合，于是就诞生了豪客比奇这一品牌。今年二月，豪客比奇根据破产法第11章重组为比奇公司，成功脱离破产保护。该公司以后将不再制造商务喷气机，而将专注于涡轮螺旋桨飞机产品线。

Beechcraft Corporation traces its roots back to 1937, when Walter Beech introduced the Model 18, arguably the first cabin-class, twin-engine business airplane. That effort morphed in 1964 into the twin-turboprop King Air model, which has since undergone multiple upgrades and remains in production to this day. Raytheon bought Beech in 1980, adding the Hawker business jet brand, and the company became Hawker Beechcraft. It emerged from Chapter 11 bankruptcy in February of this year as the Beechcraft Corporation, which no longer produces a business jet and instead focuses exclusively on its turboprop line.



BBJ3, BBJ2
波音商务机
BOEING BUSINESS JETS
www.boeing.com/commercial/bbj

总部：美国华盛顿西雅图
Headquarters: Seattle, Washington, U.S.

销售（商务机）：2012-12架，2.32亿美元
Sales (business aircraft): 2012-12 units, \$232 million

在生产的机型：BBJ, BBJ2, BBJ3, 以及VIP宽体机型
Aircraft in production: BBJ, BBJ2, BBJ3 plus VIP widebodies

BBJ综合了两个737模型的部件：737-700系列机身和较大的737-800系列机翼，降落传动装置和中心机身部分。较大较长的BBJ2飞机机舱容量号称增加了25%，而机身更大的飞机BBJ3是在737-900ER的基础上设计而成。自2018年起，BBJ1, BBJ2, BBJ3将过渡到Max平台，并升级到CFM国际Leap-1B引擎，燃油效率将提高12%。所有的波音喷气机，从波音737到最大最先进的747-8和787都有VIP机型。

The BBJ combines components of two 737 models: the 737-700 series airframe and the larger 737-800 series wing, landing gear and center fuselage section. A larger, stretched version called the BBJ2 boasts 25 percent more cabin capacity and the even larger BBJ3 is based on the 737-900ER. Starting in 2018, the BBJ1, BBJ2 and BBJ3 will be transitioning into the Max platform, with 12 percent improved fuel burn offered by the upgrade to the CFM International Leap-1B engine. All Boeing jets from the 737 to its largest and newest 747-8 and the 787 are available in VIP versions.



庞巴迪宇航

BOMBARDIER

环球 5000 Global 5000

www.bombardier.com

总部：加拿大蒙特利尔
Headquarters: Montreal, Canada

销售（商务机）：2012-179架，58.33亿美元
Sales (business aircraft): 2012-179 units, \$5.833 billion

在生产的机型：里尔喷气机 70,75,60XR；挑战者 300, 605, 850；环球 5000, 6000
Aircraft in production: Learjet 70, 75, 60XR; Challenger 300, 605, 850; Global 5000, 6000

1942年庞巴迪公司以生产雪上汽车起家，如今已成长成为世界上最大的商务机和区域航线飞机的制造商之一。在过去的二十年里，庞巴迪公司推出了几款商用飞机模型，包括里尔喷气机 40/45和70/75，挑战者300和605，环球5000和6000。即将出品的里尔喷气机85将成为首款全复合材料商务机。超远航程的环球7000和8000机型将分别于2016和2017年服役。

Bombardier started out as a snowmobile manufacturer in 1942 and has grown into one of the world's largest producers of business jets and regional airliners. In the last two decades, the company has introduced several business jet models, including the Learjet 40/45 and 70/75, Challenger 300 and 605 and Global 5000 and 6000. The forthcoming Learjet 85 will be the first all-composite business jet. The ultra-long-range Global 7000 and 8000 models will join the fleet in 2016 and 2017, respectively.



日蚀 500 Eclipse 500

日蚀航宇

ECLIPSE AEROSPACE

www.eclipseaerospace.net

总部：美国墨西哥州阿尔布开克
Headquarters: Albuquerque, New Mexico, U.S.

在生产的机型：日蚀 550
Aircraft in production: Eclipse 550

日蚀航空重新开始生产标志性的超轻型喷气式飞机日蚀550。这款新型喷气机与其旧版日蚀500使用相同的空气动力装置，都是加拿大普惠（Pratt & Whitney Canada）出品的PW610F涡轮风扇引擎。不过，该新型喷气机配备了更精密的飞行甲板和Avio IFMS系统。这一系统是在创新方案及支持（Innovative Solutions & Support）设计的航空电子设备的基础上制成的。

Eclipse Aerospace has resumed production of its iconic very light jet, now dubbed the Eclipse 550. The new jet is aerodynamically the same as its predecessor, the 500, with the same Pratt & Whitney Canada PW610F turbofan engines, but sports a more sophisticated flight deck, the Avio IFMS system based on avionics made by Innovative Solutions & Support.

赛斯纳奖状君主 Cessna Citation Sovereign



赛斯纳飞机公司

CESSNA AIRCRAFT

www.cessna.com

总部：美国堪萨斯州威奇托
Headquarters: Wichita, Kansas, U.S.

销售（商务机）：2012-822架，18.52亿美元（其中包括283架活塞式飞机）

Sales (business aircraft): 2012-822 units, \$1.852 billion (totals include 283 piston aircraft)

在生产的机型：大篷车；奖状野马，CJ2+，CJ3，CJ4，奖状加演+，XLS+，以及新型奖状君主飞机和X系列飞机
Aircraft in production: Caravan; Citation Mustang, CJ2+, CJ3, CJ4, Encore+, XLS+ and original Sovereign and X models

1927年赛斯纳飞机公司制造了第一架飞机，迄今已出产超过19万架飞机。在全球服役的商务机大约有1万6000架，其中三分之一是赛斯纳制造的。该公司推出11款商务机，其中既有超轻型野马喷气机，也有最新型的奖状X系列飞机。一旦被认证，奖状X系列飞机将成为世界上速度最快的民用飞机，最高速度可达到0.935马赫。其他机型有新型M2飞机，纬度飞机，经度飞机，超十飞机和升级版的奖状君主飞机。为了应对不断扩大的亚洲市场的需求，赛斯纳飞机公司将在中国生产XLS+飞机，奖状君主飞机和纬度飞机，并联合中国航空工业公司制造一款全新的喷气式飞机。

Cessna built its first airplane in 1927 and has since rolled out more than 190,000. Of the roughly 16,000 business jets in operation worldwide, Cessna has produced a third of them. The company's 11 business jet models span the Mustang very light jet and continue up the spectrum to the new version of the Citation X, which when certified will be the world's fastest civil airplane with a top speed of Mach 0.935. Other offerings include the new M2, Latitude, Longitude, X and upgraded Sovereign. To serve the growing Asian market, Cessna will produce models in China—the XLS+, Sovereign and Latitude—and develop an entirely new jet with China's Avic.

达索猎鹰 2000S Dassault Falcon 2000S



达索猎鹰

DASSAULT FALCON

www.dassaultfalcon.com

总部：法国圣克鲁
Headquarters: Saint-Cloud, France

销售（商务机）：2012-66架，29.39亿美元
Sales (business aircraft): 2012-66 units, \$2.939 billion

在生产的机型：猎鹰 2000LX, 2000S, 900LX, 7X
Aircraft in production: Falcon 2000LX, 2000S, 900LX, 7X

达索工业集团，欧洲宇航防（EADS），以及一批私人投资者共同拥有达索航空，位于美国的达索猎鹰喷气机是达索航空的营销和技术支持子公司达索航空公司出品的机身是由位于法国西南部的工厂生产的。达索推出猎鹰900和2000系列商务喷气机以及猎鹰7X三引擎喷气机，这些飞机的驾驶舱配备了最先进的电传操纵飞行控制技术和战斗机式压杆。下一款猎鹰飞机暂时称为SMS—将采用双引擎，不过该飞机的详细信息尚未发布。价格较低的猎鹰2000S飞机于去年获得认证，明年2000LXS将服役，取代2000LX。

Dassault Industries, EADS and a group of private investors own Dassault Aviation, of which Dassault Falcon Jet is its marketing and support subsidiary in the U.S. The company builds airframes at its factory in southwest France. Dassault offers the Falcon 900 and 2000 family of business jets, as well as the Falcon 7X trijet, featuring the latest in fly-by-wire flight-control technology and fighter-jet-style sidesticks in the cockpit. The next Falcon—tentatively called the SMS—will be a twin-engine jet, but no details have been released on that aircraft. The lower-cost Falcon 2000S was certified last year, and next year will see entry-into-service of the 2000LXS, which replaces the 2000LX.

巴西航空飞鸿 300 Embraer Phenom 300



巴西航空

EMBRAER

www.embraer.com

总部：巴西圣保罗
Headquarters: São Paulo, Brazil

销售（商务机）：2012-99架，12.53亿美元
Sales (business aircraft): 2012-99 units, \$1.253 billion

在生产的机型：飞鸿 100, 飞鸿 300；莱格赛 600, 莱格赛 650；世袭 1000
Aircraft in production: Phenom 100, 300; Legacy 600, 650; Lineage 1000

巴西航空1999年推出了第一款商务喷气机莱格赛600，该飞机是在 ERJ135/145 机身的基础上发展而来的。在过去的10年里，巴西航空推出了小机舱的飞鸿 100和飞鸿 300，中型的莱格赛 450和莱格赛 500，世袭1000商务机以及远航程莱格赛 650，强势进军商务机市场。莱格赛 500和莱格赛 450中型机采用电传操纵飞行控制技术和压杆技术，预计分别将于 2013年和 2014年末获得认证。

Embraer's ERJ 135/145 airframe served as the foundation for the company's first business jet, the Legacy 600, which was introduced in 1999. In the past decade, Embraer has made a strong push into the business jet market by developing the Phenom 100 and 300 small-cabin jets, the midsize Legacy 450 and 500, the Lineage 1000 bizliner and the longer-range Legacy 650. The Legacy 500 and 450 midsize jets feature fly-by-wire flight controls and sidesticks and will be certified in late 2013 and 2014, respectively.

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其他商务机制造商

OTHER BUSINESS AIRCRAFT MANUFACTURERS

西锐飞机工业公司 派珀飞机
Cirrus Aircraft Piper Aircraft
Duluth, Minnesota, U.S. Vero Beach, Florida, U.S.
www.cirrusaircraft.com www.piper.com

达尔斯科塔 探索飞机公司
Daher-Socata Quest Aircraft
Tarbes, France Sandpoint, Idaho, U.S.
www.tbm850.com www.questaircraft.com

钻石飞机公司 西博杰飞机公司
Diamond Aircraft SyberJet Aircraft
London, Ontario, Canada Cedar City, Utah, U.S.
www.diamondaircraft.com www.sj30jet.com

埃克斯塔飞机公司
Extra Aircraft
Hünxe, Germany
www.extraaircraft.com

皮亚乔 Avanti Piaggio Avanti

皮亚乔航空工业公司 PIAGGIO AERO INDUSTRIES

www.piaggioaero.com

总部：意大利 Genoa Sestri
Headquarters: Genoa Sestri, Italy

销售（商务机）：2012-5架，3600万美元
Sales (business aircraft): 2012-5 units, \$36 million

在生产的机型：P.180 Avanti II
Aircraft in production: P.180 Avanti II

为了应对七十年代出现的能源危机，皮亚乔公司补充插入公司位置：美国亚利桑那州默兹螺旋桨推动的皮亚乔Avanti飞机。皮亚乔公司于九十年代推出了第一款Avanti飞机。2005年，Avanti飞机配备了最先进的洛克韦尔柯林斯Pro Line航空电子系统，外加加拿大惠普引擎，升级为Avanti II。皮亚乔公司确认本公司正在研制一款商务喷气机，不过，该喷气机的具体信息皮亚乔公司并未披露。皮亚乔航空由Tata, Mubadala Development, 及Ferrari and di Mase家族所有。

The sleek, pusher-turboprop Piaggio Avanti was developed in response to the energy crisis of the 1970s. Piaggio delivered the first Avanti in 1990. In 2005, the aircraft was updated with the Rockwell Collins Pro Line 21 avionics system, given slightly more powerful Pratt & Whitney Canada engines and branded the Avanti II. Piaggio has confirmed development of a business jet but has revealed few details about the product so far. Piaggio Aero is jointly owned by Tata, Mubadala Development and the Ferrari and di Mase families.



湾流航空 GULFSTREAM AEROSPACE

www.gulfstream.com

总部：美国佐治亚州萨凡纳
Headquarters: Savannah, Georgia, U.S.

销售（商务机）：2012-94架，40.67亿美元
Sales (business aircraft): 2012-94 units, \$4.067 billion

在生产的机型：G150, G280, G450, G550, G650
Aircraft in production: G150, G280, G450, G550, G650

去年，两款湾流喷气机获得了美国联邦航空管理局的认证。这两款飞机分别为超中型 G280 和超远程、大机舱的 G650。G280 由以色列的合作伙伴以色列飞机工业公司制造，取代了 G200。G550 是该公司之前最先进的机型，而旗舰机型 G650 的机舱比 G550 更大更宽，窗户也更大，可以一次性飞行 7000 海里。G650 最高飞行速度可达到 0.925 马赫。这使得 G650 赢得了世界最快的民用飞机的美誉——至少在更先进的奖状超十获得认证之前是如此。

Last year, two new Gulfstream jets received certification from the U.S. Federal Aviation Administration, the super-midsize G280, built in Israel by partner IAI, and the ultra-long-range, large-cabin G650. The G280 replaces the G200. The flagship G650 has a larger and wider cabin and larger windows than the G550, the manufacturer's previous top model, and can fly 7,000 nautical miles unrefueled. The G650 has a maximum operating speed of Mach 0.925, giving it the title of the world's fastest civil airplane—at least until the upgraded Citation X receives certification.

直升机制造商 HELICOPTER MANUFACTURERS

奥古斯塔-维斯特兰 MD直升机
AgustaWestland MD Helicopters
Cascina Costa di Samarate, Italy Mesa, Arizona, U.S.
www.agustawestland.com www.mdhelicopters.com

贝尔直升机 罗宾逊直升机
Bell Helicopter Robinson Helicopter
Hurst, Texas, U.S. Torrance, California, U.S.
www.bellhelicopter.com www.robinsonheli.com

恩斯特龙直升机 西斯科基飞机公司
Enstrom Helicopter Sikorsky Aircraft
Menominee, Michigan, U.S. Stratford, Connecticut, U.S.
www.enstromhelicopter.com www.sikorsky.com

欧洲直升机
Eurocopter
Marignane, France
www.eurocopter.com

本田喷气机 HondaJet

本田航空 HONDA AIRCRAFT

www.hondajet.honda.com

总部：美国北卡罗来纳州格林斯博罗
Headquarters: Greensboro, North Carolina, U.S.

销售（商务机）：不适用（FAA认证今年到期）
Sales (business aircraft): not applicable
FAA certification due this year

在生产的机型：本田喷气机
Aircraft in production: HondaJet

本田航空已经开始生产本田喷气机，预计今年将从美国联邦航空管理局获得认证。本田喷气机是一款轻型喷气机，最多能够载客六人，引擎安装在机翼上方，这样一来机身就可以腾出更多空间，同时可以设置全封闭式厕所，这种设计在这类机型中是很独特的。

Honda Aircraft has begun production of the HondaJet and expects to receive certification this year from the U.S. Federal Aviation Administration. The light jet carries up to six passengers and features over-the-wing engine mounting, which frees up space in the fuselage and allows for a fully enclosed lavatory, unique in this size aircraft.

皮拉图斯 PC-12 Pilatus PC-12

皮拉图斯商务机 PILATUS BUSINESS AIRCRAFT

www.pilatus-aircraft.com

总部：瑞士Stans
Headquarters: Stans, Switzerland

销售（商务机）：2012-62架，2.87亿美元（其中包括六架PC-6搬运工通用飞机）
Sales (business aircraft): 2012-62 units, \$287 million (total includes six PC-6 Porter utility aircraft)

在生产的机型：PC-12NG
Aircraft in production: PC-12NG

皮拉图斯公司是世界上最大的单引擎涡轮螺旋桨飞机制造商。皮拉图斯公司出品的PC-12于1994年获得认证，获得认证以后一下子就火起来，客户很喜欢这款飞机的结实、宽大的机舱及其性能。今天，全球有1000架PC-12在服役。这个系列中最新的机型是PC-12NG，这款飞机配备了更强劲的引擎，以及霍尼韦尔公司出品的Primus Apex航空电子系统。皮拉图斯公司目前正在抓紧设计皮拉图斯PC-24，皮拉图斯公司表示这款飞机将是双引擎飞机。

Pilatus is the world's largest manufacturer of single-engine turboprops. The company's PC-12 was certified in 1994 and became an instant hit with buyers, who appreciated its ruggedness, spacious cabin and performance. Today, more than 1,000 PC-12s are in service. The newest version, the PC-12NG, features a more powerful engine and Honeywell Primus Apex avionics. Pilatus is busy designing the Pilatus PC-24, which the company has indicated will be a twin-engine jet.