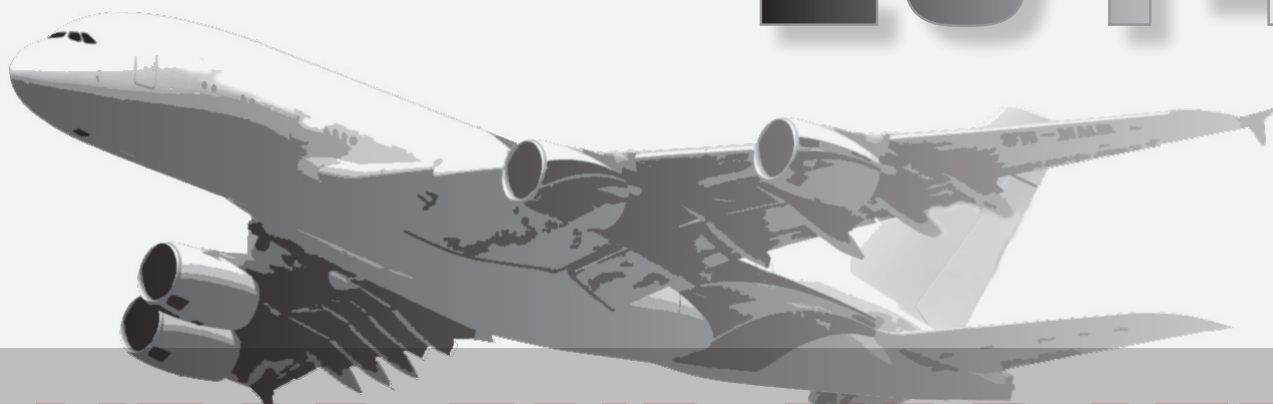


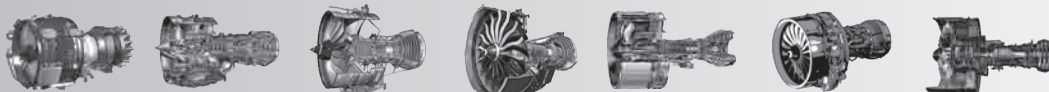
SPECIAL REPORT **FG**

COMMERCIAL ENGINES

2014



YEAR-END UPDATE



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Making your brand stand out from the crowd has never been more important than in today's fast changing media world. That is why Flightglobal offers sponsorship opportunities for a series of cost-effective but data-rich Special Reports designed to attract the attention of some of the aviation world's key professional audiences.

Calling on Flightglobal's unrivalled industry data, each report provides a sophisticated package of market analysis, technical information and graphics. The output is typically a glossy 32-page report, promoted through Flightglobal's website, magazines, e-newsletters and show dailies, often around a key industry show or conference.

Clients to date have included Bombardier, CAE, CFM International, L3, Pratt & Whitney, Raytheon, Rosavia, Ruag and Transaero.

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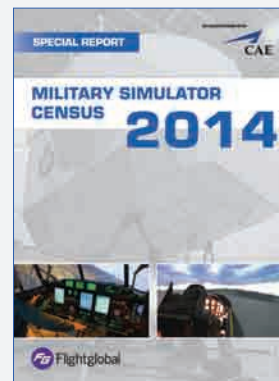


Opportunities

Produced by the Flightglobal Insight research team, recent editions have ranged from fleet reports covering military, air transport and business aviation through to more specialist studies on maintenance and aircraft finance. The team has access to world-beating information on everything from fleets, financials and technology through to airline networks and programme updates.

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AT A GLANCE

Commercial engines: manufacturer market share

NORTH AMERICA		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	2,093	4,186
General Electric	1,999	4,233
Pratt & Whitney	1,019	2,208
Rolls-Royce	981	1,962
International Aero Engines	595	1,190
Other	3	12
TOTAL	6,690	13,791

SOUTH AMERICA		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	641	1,310
General Electric	294	592
International Aero Engines	242	484
Pratt & Whitney	148	323
Rolls-Royce	79	158
Other	45	139
TOTAL	1,449	3,006

EUROPE		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	2,446	5,050
General Electric	828	1,863
International Aero Engines	536	1,072
Rolls-Royce	532	1,314
Pratt & Whitney	140	304
Other	117	464
TOTAL	4,599	10,067

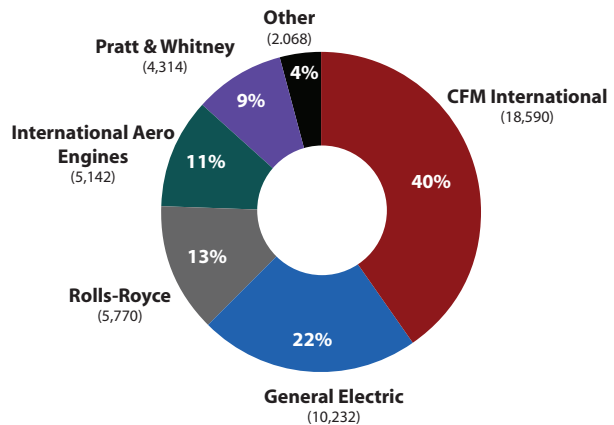
AFRICA		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	358	754
General Electric	148	300
Rolls-Royce	92	208
Pratt & Whitney	84	194
International Aero Engines	47	94
Other	48	179
TOTAL	777	1,729

RUSSIA & CIS		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	481	962
General Electric	176	408
Aviadvigatel	117	387
Ivchenko-Progress	101	283
Rolls-Royce	78	174
Other	133	286
TOTAL	1,086	2,500

MIDDLE EAST		
MANUFACTURER	AIRCRAFT	ENGINES
General Electric	414	882
CFM International	274	578
Rolls-Royce	175	398
International Aero Engines	119	238
Pratt & Whitney	95	251
Other	95	368
TOTAL	1,172	2,715

ASIA-PACIFIC		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	2,839	5,750
International Aero Engines	995	1,990
General Electric	860	1,954
Rolls-Royce	702	1,556
Pratt & Whitney	363	888
Other	45	170
TOTAL	5,804	12,308

WORLD COMMERCIAL AIRCRAFT		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	9,132	18,590
General Electric	4,719	10,232
Rolls-Royce	2,639	5,770
International Aero Engines	2,571	5,142
Pratt & Whitney	1,917	4,314
Other	599	2,068
TOTAL	21,577	46,116



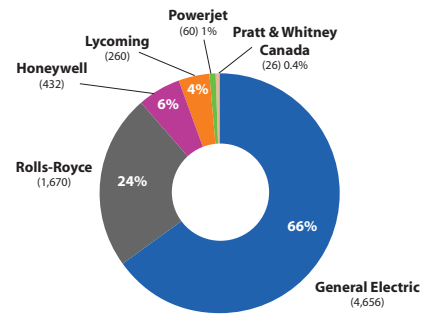
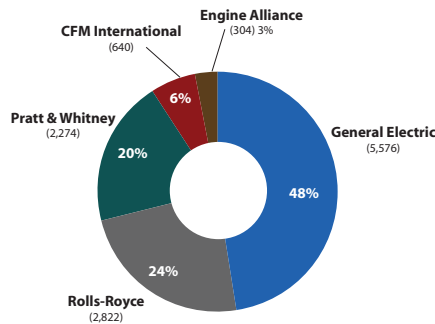
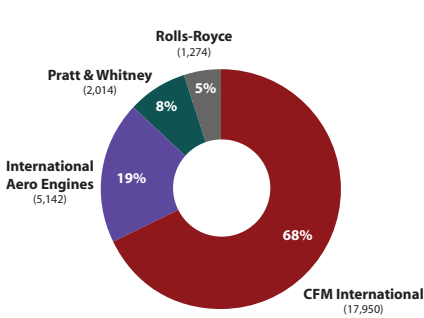
NOTE: Information for active commercial jet aircraft in operation with airlines. Information includes narrowbody, widebody, regional and Russian jets in passenger, freighter, combi and quick change roles. CIS countries include Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan and Uzbekistan. **SOURCE:** Ascend Fleets database from Flightglobal (November 2014)

Engine market share by market group

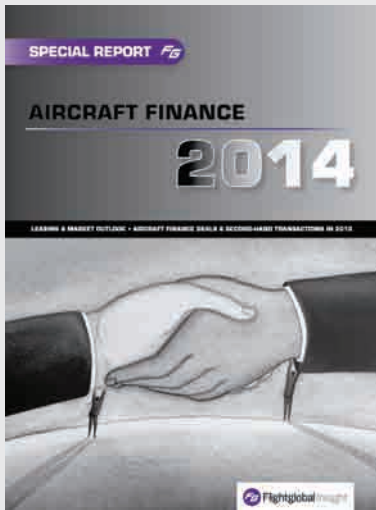
COMMERCIAL NARROWBODY AIRCRAFT		
MANUFACTURER	AIRCRAFT	ENGINES
CFM International	8,972	17,950
International Aero Engines	2,571	5,142
Pratt & Whitney	971	2,014
Rolls-Royce	637	1,274
TOTAL	13,151	26,380

COMMERCIAL WIDEBODY AIRCRAFT		
MANUFACTURER	AIRCRAFT	ENGINES
General Electric	2,391	5,576
Rolls-Royce	1,165	2,822
Pratt & Whitney	933	2,274
CFM International	160	640
Engine Alliance	76	304
TOTAL	4,725	11,616

COMMERCIAL REGIONAL JETS		
MANUFACTURER	AIRCRAFT	ENGINES
General Electric	2,328	4,656
Rolls-Royce	835	1,670
Honeywell	108	432
Lycoming	65	260
Powerjet	30	60
Pratt & Whitney	13	26
TOTAL	3,379	7,104



NOTE: Information for active commercial jet aircraft in operation with airlines.
SOURCE: Ascend Fleets database from Flightglobal (November 2014)



Download the **FREE** Aircraft Finance 2014 report

Flightglobal Insight's Aircraft Finance 2014 report provides a market leasing overview which includes lessor rankings by fleet value and fleet size. It also features a breakdown of aircraft deals and transactions that took place in 2013, based on information from Flightglobal's Ascend Online database and media reports. In addition, it includes an analytical overview of the financing outlook for this year's new aircraft deliveries.

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ENGINE CENSUS

Operator listing by commercial engine type

EXPLANATORY NOTES

This census data covers all engines powering commercial jet aircraft in service or on firm order with airlines worldwide.

The information has been compiled by Flightglobal Insight using the Ascend Online Fleets database.

The information is correct up to 24 November 2014 and excludes non-airline operators, such as leasing companies and the military.

Engines are listed in alphabetical order, first by manufacturer and then type. The figures are for fitted

engines only and don't include spares.

Operators are listed by region. **Fleet data comprises the number of installed engines on the in-service fleet and, where applicable, the number of installed engines for the outstanding firm aircraft orders in parentheses in the right-hand column.** The census does not include any parked aircraft/engines at the time of the data extraction.

The region is listed by operator base and does not necessarily indicate the area of operation. Options and letters of intent (where a firm contract has not been signed)

are not included. Orders by, and aircraft with, leasing companies are excluded, unless a confirmed end-user is known – in which case the aircraft is shown against the airline concerned.

Operators' fleets include leased aircraft/engines. Aircraft/engines being operated on wet-lease are generally listed with the company for which they are being operated, and not the airline flying the aircraft on their behalf.

The outstanding firm orders information includes airline holding companies.



AVIADVIGATEL

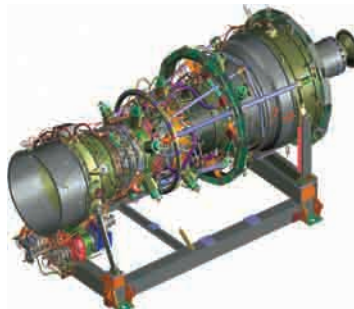
AVIADVIGATEL D-30	TOTAL 489
Africa	Total 54
Alfa Airlines	4
Almajara Aviation	4
Badr Airlines	8
CEIBA Intercontinental	4
Delta Air Aviation	4
Dove Air Services	2
El Dinder Aviation	4
Global Air	4
Green Flag Aviation	4
Kush Aviation	8
Lina Congo	4
Victoria Air	4
Asia, Australasia & Middle East	Total 138
Air Almaty	8
Air Koryo	22
Air Kyrgyzstan	3
AlNaser Airlines	4
Asia Airways	4
Barash Aviation	4
Jordan International Air Cargo	4
Kaz Air Trans	3
Khatton Air	16
Pouya Air	12
Sayakhat	3
Syrianair	16
Tajik Air	3
TAPC Aviatrans	8
Turkmenistan Airlines	12
Uzbekistan Airways	16
Europe	Total 297
223rd State Airline Flight Unit	8
Aerotrascargo	8
AK Eleron	8

ALROSA Air Company	20
Aviacon Zitotrans	24
Azal Avia Cargo	4
Belavia	9
Center-South Airlines	12
Europa Air	4
Gazpromavia	12
KAPO Avia - Gorbunova	12
Katekavia	10
Kosmos Airlines	14
Maximus Airlines	8
Royal Flight	24
Ruby Star	16
Russian Sky	4
Shar ink	12
Silk Way Airlines	20
Sky Prim Air	12
Trans Avia Export Cargo Airlines	24
Veteran Avia	4
Yuzhmashavia	8
ZetAvia	20
AVIADVIGATEL PS-90	TOTAL 110 (34)
Asia, Australasia & Middle East	Total 12
Air Koryo	4
Jordan International Air Cargo	8
Europe	Total 74 (34)
Aviastar-TU	6
Red Wings Airlines	16 (20)
Rossiya Special Flight Detachment	14 (4)
Silk Way Airlines	8
Transaero Airlines	10
VIM Airlines	(10)
Volga-Dnepr Airlines	20
North/South America	Total 24
Cubana	24



The Power of Flight

CFM INTERNATIONAL CFM56	TOTAL 18,590 (3,508)
Africa	Total 754 (82)
AeroContractors	24
Afriqiyah Airways	8
Air Algeria	44 (20)
Air Arabia Egypt	2
Air Arabia Maroc	6
Air Austral	4
Air Cairo	10
Air Cote d'Ivoire	6
Air Ghana	2
Air Madagascar	14
Air Mauritius	28
Air Namibia	8
Air Peace	6
Alexandria Airlines	4
Allied Air Cargo	6
AMC Airlines	2
Arik Air	26 (16)
ASKY Airlines	8
Azman Air	4
Badr Airlines	6
Buraq Air	4
CAA - Compagnie Africaine d'Aviation	4
Camair Co	4
CEIBA Intercontinental	4 (2)
Comair (South Africa)	28 (8)
Daallo Airlines	2
Discovery Air	4
ECAir	6
Egyptair	50



COMMERCIAL ENGINES 2014

Eritrean Airlines	2	China Eastern Airlines	286 (92)	Orient Thai Airlines	18
Ethiopian Airlines	30 (6)	China Eastern Airlines Jiangsu	60	Pakistan International Airlines	14
Fastjet Tanzania	6	China Eastern Yunnan	116	PAL Express	26
First Nation Airways	4	China Postal Airlines	42	Palau Pacific Airways	2
FlyAfrica.com	2	China Southern Airlines	408 (34)	Peach	28 (6)
Gambia Bird	2	China United Airlines	54	Pegasus Airlines Asia	2
Ghadames Air Transport	2	China Xinhua Airlines	14	Petra Airlines	2
Jambo Jet	6	Chongqing Airlines	2	Philippine Airlines	48
Jubba Airways	4	Citilink	52 (28)	Philippines AirAsia	2
Karinou Airlines	2	City Airways	2	Qantas	134
Kenya Airways	22 (6)	Dalian Airlines	14	Qeshm Airlines	6
Korongo Airlines	2	Donghai Airlines	20	Qingdao Airlines	6 (8)
Kulula	24	Druk Air	6 (2)	R Airlines	4
Libyan Airlines	8	Eastar Jet	20	Regent Airways	4
Linhas Aereas de Mocambique	4 (6)	Eastern Skyjets	4	Rotana Jet	2
Malawian Airlines	2	El Al	34 (8)	Royal Falcon Airlines	4
Mango	18	Emirates Airline	16	Royal Jordanian	8
Mauritania Airlines International	6	Ethiad Airways	2	Royal Wings	2
Med-View Airline	4	EVA Air	24 (16)	Ruilu Airlines	6 (2)
Midwest Airlines (Egypt)	(2)	Express Air	14	Safi Airways	6
Nouvelair Tunisie	18	Express Freighters Australia	8	Saudia	104
Royal Air Maroc	74	Fiji Airways	8	SCAT	14
RwandAir	8	flydubai	84 (40)	SF Airlines	14
Safair	12	Flynas	48 (40)	Shaheen Air International	10
SonAir	4	Fuzhou Airlines	4	Shandong Airlines	144 (2)
South African Airways	58	Gading Sari Aviation Services	4	Shanghai Airlines	112
South Supreme Airlines	2	Garuda Indonesia	158 (4)	Shenzhen Airlines	230
Star Air Cargo	4	GoAir	38	Siam Air	4
Sudan Airways	2	Grand China Air	6	Sichuan Airlines	4 (6)
Syphax Airlines	4 (6)	Gulf Air	32	SilkAir	16 (30)
TAAG Angola Airlines	10	Hainan Airlines	194 (18)	Sky Bishkek	2
TACV - Cabo Verde Airlines	4	Hebei Airlines	12	Skymark Airlines	56
Tarco Air	6	Hong Kong Airlines	14 (12)	Skywings Asia Airlines	4
Tassili Airlines	8	Hong Kong Express Airways	10	Solaseed Air	22
Trans Air Cargo Services	4	Indonesia AirAsia	60 (8)	Solomon Airlines	2
Trans Air Congo	6	Iran Air	6	Somon Air	12
Tunisair	54 (10)	Iran Aseman Airlines	4	SpiceJet	52 (16)
United Nigeria	2	Iraqi Airways	22 (46)	Spring Airlines	88 (6)
Asia, Australasia & Middle East	Total 6,394 (1,138)	Japan Airlines	100	Spring Airlines Japan	6
Air Arabia	68 (30)	Japan TransOcean Air	22 (12)	SriLankan Airlines	34
Air Busan	10	Jazeera Airways	14	Sriwijaya Air	72
Air China	386 (32)	Jeju Air	32 (10)	Star Flyer	18 (2)
Air China Inner Mongolia	4	Jet Airways	122 (4)	Tajik Air	6
Air Do	20	JetConnect	16	Thai AirAsia	80 (4)
Air Incheon	4	JetKconnect	28	Thai Airways International	8
Air India	92 (10)	Jin Air	24	Thai Express Cargo	2
Air India Express	34	Jordan Aviation	12	Thai Lion Air	12
Air Indus	4	Juneyao Airlines	74 (10)	Thai VietJet Air	2
Air Kyrgyzstan	4	Kalstar Aviation	6	Tianjin Airlines	10
Air New Zealand	8	Kam Air	4	Tibet Airlines	18 (2)
Air Niugini	6	K-Mile Air	2	Tigerair Philippines	8
Air Post	2	Korean Air	78 (12)	Toll Priority	8
Air Tahiti Nui	20	Kunming Airlines	26 (4)	Tri MG Airlines	4
Air Vanuatu	2	Kuwait Airways	22	Trigana Air	10
AirAsia	158 (42)	Lao Airlines	8	Turkmenistan Airlines	16 (6)
AirAsia India	4	Lion Air	208 (264)	t'way	16
AirAsia X	4	Loong Air	18	Union Express Charter Airline	2
AirAsia Zest	14	Lucky Air	52	Up	8
Airblue	8	Mahan Air	12	Urumqi Airlines	6
Al Maha Airways	(16)	Malaysia Airlines	112 (22)	Uzbekistan Airways	18
AlNaser Airlines	2	Maldivian	2	Vanilla Air	12 (4)
ANA - All Nippon Airways	108 (4)	Malindo Air	14	VietJet Air	32 (42)
ANA Wings	32	Mena Aerospace	4	Virgin Australia	130 (42)
Ariana Afghan Airlines	4	MIAT - Mongolian Airlines	6 (4)	Virgin Australia (New Zealand)	20
Asian Wings Airways	2	Middle East Airlines	8	Virgin Samoa	2
Avia Traffic Company	8	Mihin Lanka	-4	West Air (China)	8
Batik Air	30 (6)	My Indo Airlines	2	Wings of Lebanon	2
Bhutan Airlines	4	Myanmar Airways	(12)	Xiamen Airlines	206 (22)
Biman Bangladesh Airlines	4 (4)	Myanmar Airways International	8	Yangtze River Express	40
Capital Airlines	40 (8)	Nam Air	4	Zagros Airlines	4
Cardig Air	6	Nauru Airlines	8	Europe	Total 5,946 (1,214)
Cathay Pacific	44	Neptune Air	2	Aegean Airlines	2
Cebu Pacific Air	70 (18)	NewGen Airways	4	Aer Lingus	70
Chang An Airlines	8	Nok Air	34 (14)	Aeroflot Russian Airlines	204 (142)
Chengdu Airlines	30 (2)	Okay Airways	28 (26)	Aigle Azur	20
China Airlines	56 (6)	Oman Air	42 (14)	Air Bucharest	2

Air Contractors	6	KLM Royal Dutch Airlines	96	Aloha Air Cargo	4
Air Corsica	10	LOT Polish Airlines	6	American Airlines	532 (140)
Air Europa	40 (16)	Lufthansa	290 (38)	Avianca	114 (24)
Air France	304 (6)	Luxair	8	Avianca (Brazil)	38
Air Malta	20	Meridiana	22	Avianca (Costa Rica)	4
Air Mediterranee	12	MetroJet	2	Avianca (Ecuador)	18
Air Moldova	4	Mistral Air	10	Avianca Holdings	(28)
Air Serbia	4	Monarch Airlines	18	Avior Airlines	6
airBaltic	26	NEOS	12	Bahamasair	6
airberlin	172 (28)	Niki	30	Boliviana de Aviacion	20
AirExplore	8	Nordavia - Regional Airlines	18	Canadian North	18
Airzena - Georgian Airways	6	Nordwind Airlines	12	Canjet Airlines	6
AlbaStar	6	Norwegian	172 (90)	Caribbean Airlines	30
Alitalia	178	Orenair	46	Cayman Airways	8
ALROSA Air Company	4	Pegasus Airlines	94 (4)	Coit Transportes Aereos	2
Anadolu Jet	60	Primera Air Nordic	2	Conviasa	10
Arkefly	10	Primera Air Scandinavia	14	Copa Airlines	136 (60)
Atlantic Airlines	14	Rossiya - Russian Airlines	58	Copa Airlines Colombia	8
Atlantic Airways (Faroe Islands)	6	Ryanair	604 (350)	Cubana	6
Atlasjet Airlines	18	S7 Airlines	86 (62)	Delta Air Lines	476 (232)
Atran	4	SAS	200	Eastern Air Lines	(20)
Aurora	18	SATA International	8	EG&G Special Projects	12
Austrian	58	Small Planet Airlines (Lithuania)	2	Enerjet	6
Aviolet	6	Small Planet Airlines (Poland)	4	Estafeta Carga Aerea	8
Avion Express	4	Smartlynx	12	First Air	6
Azerbaijan Airlines	20	Smartlynx Estonia	4	Flair Airlines	8
B&H Airlines (4)	(4)	Smartwings	14	Frontier Airlines	108
Belair	16	Solnair	4	GOL	274 (42)
Belavia	30 (6)	SunExpress	40 (50)	Interjet	80
BH Air	4	SunExpress Germany	22	LAN Airlines	74 (36)
Blue Air	22	Swiftair	14	LAN Colombia	18
Bluebird Airways	2	Swiss	132 (2)	LAN Peru	6
Bluebird Cargo	8	Tailwind Airlines	10	Magnicharters	18
Blu-Express	10	Taimyr Air - NordStar	20	Miami Air International	14
Bravo Cargo Air	4	TAP Portugal	102	Northern Air Cargo	4
British Airways	24	TAROM	26	ONE Airlines	2
Brussels Airlines	44	Thomas Cook Airlines	20 (6)	Peruvian Airlines	18
Bulgaria Air	12	Thomas Cook Airlines Belgium	8	Rio Linhas Aereas	2
Cargo Air	10	Thomas Cook Airlines Scandinavia	22 (18)	Sideral Air Cargo	6
Condor	30	Thomson Airways	60	Sky Airline	26
Corendon Airlines	12	Titan Airways	6	Southern Air	6
Corendon Dutch Airlines	4	TNT Airways	28	Southwest Airlines	1278 (162)
Croatia Airlines	12 (8)	Transaero Airlines	90 (24)	Sudamericana de Aviacion	2
Czech Airlines	22 (14)	Transavia Airlines	62 (4)	Sun Country Airlines	38 (2)
Donavia	22	Transavia France	32	Sunwing Airlines	48 (4)
easyJet	400 (140)	Travel Service Airlines	22	Surinam Airways	10
easyJet Switzerland	48	Travel Service Hungary	2	TACA International Airlines	6
Edelweiss Air	10	Travel Service Poland	2	TAM - Transporte Aereo Militar	2
Enter Air	28	Travel Service Slovakia	2	TAM Linhas Aereas	102 (48)
EuroAtlantic airways	2	TUIfly	40 (10)	TAME	4
Europe Airpost	30	TUIFly Nordic AB	12	United Airlines	560 (74)
Eurowings	(26)	Turkish Airlines (THY)	188 (50)	US Airways	238
Evelop Airlines	4	Ukraine International Airlines	56 (2)	Vensecar Internacional	2
Farnair Hungary	2	Ural Airlines	66 (14)	Virgin America	106 (20)
Finnair	78	UTAir	124 (92)	Vision Airlines	4
flyvista	4	UTAir Ukraine	8	VivaAerobus	30 (4)
Freebird Airlines	6	VIM Airlines	8	VivaColombia	12
Gazpromavia	4	Virgin Atlantic Airways	16	WestJet	214 (38)
Germania	44	Vista Georgia	4	Xtra Airways	10
Germanwings	62	Vueling Airlines	132 (4)	CFM INTERNATIONAL LEAP	TOTAL (4,934)
Globus	30	White	2	Africa	Total (62)
Grand Cru Airlines	4	Wind Rose Aviation Company	6	Comair (South Africa)	(16)
Hamburg Airways	8	XL Airways France	4	Ethiopian Airlines	(40)
Hamburg International	(4)	Yakutia Airlines	10	Syphax Airlines	(6)
Helvetic Airways	2	Yamal Airlines	16	Asia, Australasia & Middle East	Total (1,864)
Hermes Airlines	4	North/South America	Total 5,496 (1,074)	Air China	(10)
Hermes Aviation Ltd	2	Aerolineas Argentinas	100 (50)	Air New Zealand	(8)
Hi Fly	4	Aeromexico	98 (10)		
Iberia	106	Air Canada	122		
Iberia Express	34	Air Canada Jetz	14		
Izair	12	Air Canada Rouge	42		
Jet Time	28	Air North	8		
Jet Time Finland	4	Air Panama	4		
Jet2	88	Air Transat	10 (8)		
Jetairfly	30	Alaska Airlines	274 (72)		
Kharkiv Airlines	2	Allegiant Air	20		

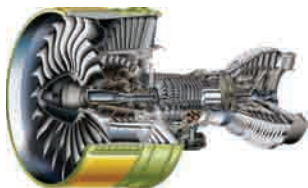


COMMERCIAL ENGINES 2014

AirAsia	(582)
China Eastern Airlines	(10)
China Southern Airlines	(10)
Citilink	(20)
Etihad Airways	(52)
flydubai	(150)
Garuda Indonesia	(100)
Hainan Airlines	(40)
Jetstar	(198)
Lion Air	(402)
Myanma Airways	(8)
Nok Air	(16)
Okay Airways	(12)
Sichuan Airlines	(40)
SilkAir	(62)
SpiceJet	(84)
Virgin Australia	(46)
Vistara	(14)
Europe	Total (1,076)
easyJet	(200)
Icelandair	(32)
Lufthansa	(80)
Monarch Airlines	(60)
Norwegian	(200)
Pegasus Airlines	(150)
SAS	(60)
SunExpress	(30)
Thomson Airways	(94)
Travel Service Airlines	(14)
TUI Travel PLC	(26)
Turkish Airlines (THY)	(130)
North/South America	Total (1,932)
Aeromexico	(120)
Air Canada	(122)
Alaska Airlines	(4)
American Airlines	(400)
Avianca Holdings	(66)
Frontier Airlines	(160)
GOL	(120)
Interjet	(80)
Southwest Airlines	(400)
United Airlines	(200)
Virgin America	(60)
WestJet	(130)



ENGINE ALLIANCE GP7200	TOTAL 304 (248)
Africa	Total (8)
Air Austral	(8)
Asia, Australasia & Middle East	Total 264 (216)
Emirates Airline	216 (144)
Etihad Airways	(40)
Korean Air	40
Qatar Airways	8 (32)
Europe	Total 40 (24)
Air France	40 (8)
Transaero Airlines	(16)



GENERAL ELECTRIC CF34	TOTAL 4,656 (802)
Africa	Total 148 (14)
Air Burkina	2
Air Cote d'Ivoire	2
Arik Air	10 (4)
CemAir	2
DAC Aviation East Africa	4
Egyptair Express	24
Fly540	6
Fly-SAX	2
Kenya Airways	34
Libyan Airlines	6
Linhas Aereas de Mocambique	4
MGC Airlines (Matekane Air)	4
Nova Airways	6
Petroleum Air Services	2 (2)
Proflight Zambia	2
Royal Air Maroc	(8)
RwandAir	4
SA Express	28
Senegal Airlines	2
Skyward International Aviation	2
Tunisair Express	2
Asia, Australasia & Middle East	Total 500 (300)
7th Sky	4
Afghan Jet International Airlines	4
Air Astana	18
Air Costa	8
Air India Regional	4
Aimorth	8
Arkia	4
Chengdu Airlines	(60)
China Express Airlines	30 (34)
China Southern Airlines	40
Felix Airways	4 (12)
Flynas	2 (14)
Fuji Dream Airlines	16 (6)
Garuda Indonesia	30 (6)
Hebei Airlines	10 (4)
Henan Airlines	(100)
Ibex Airlines	20
Iraqi Airways	12
J-Air	48 (30)
Mandarin Airlines	16
Myanma Airways	4
Myanmar Airways International	(4)
Oman Air	8
Royal Jordanian	16
Saudia	30
Saurya Airlines	2
SCAT	12
Shandong Airlines	14 (20)
Shanghai Airlines	(10)
Tianjin Airlines	100
Virgin Australia	36
Europe	Total 900 (64)
Adria Airways	16
Air Dolomiti	20
Air Europa	22



Air Lituania	2
Air Moldova	4
Air Nostrum	54 (50)
Airzena - Georgian Airways	8
AK Bars Aero	30
Alitalia Cityliner	40
Aurigny Air Services	2
Azerbaijan Airlines	10 (4)
BA CityFlyer	34
Belavia	16
Binter Canarias	4
BoraJet	8
Brit Air	(2)
Bulgaria Air	8
Estonian Air	14
Flybe	30 (8)
Flybe Nordic	28
Germanwings	46
HOP!	110
Iraero Airlines	10
Jetairfly	4
KLM cityhopper	56
LOT Polish Airlines	56
Lufthansa CityLine	108
Montenegro Airlines	8
Niki	14
People's Vienna Line	2
Rusline	34
Saravia	4
SAS	34
Severstal Aircompany	10
Ukraine International Airlines	10
UTair	24
West Air Europe	6
Yamal Airlines	14
North/South America	Total 3,108 (424)
Aerolineas SOSA	2
Aeromar Airlines	6
Aeromexico Connect	72
Air Canada	90
Air Georgian	12
Air Wisconsin	142
Amazonsas	12
American Airlines	-80
Austral Lineas Aereas	44
Azul	158 (18)
Compass Airlines	84 (40)
Conviasa	28
Copa Airlines	24
Copa Airlines Colombia	28
Delta Air Lines	20
Endeavor Air	312 (6)
Envoy	94
Estafeta Carga Aerea	4
ExpressJet Airlines	316
Flair Airlines	2
GoJet Airlines	76
Jazz	84
JetBlue Airways	120 (48)
LAC - Linea Aerea Cuencana	2
Mesa Airlines	180 (34)
PSA Airlines	122 (36)
R1 Airlines	4
Republic Airlines	210 (14)
SATENA	2
Shuttle America	132 (100)
Sky Regional Airlines	30
SkyWest Airlines	608 (48)
TACA International Airlines	24
TAME	8
US Airways	40
Voyageur Airways	16
GENERAL ELECTRIC CF6	TOTAL 3,356 (230)
Africa	Total 56 (8)
Afriqiyah Airways	(4)
Air Algerie	16

Air Mauritius	4
CEIBA Intercontinental	2
ECAir	2
Egyptair	2
Ethiopian Airlines	10
Libyan Airlines	2 (4)
Royal Air Maroc	12
Services Air	2
Tradecraft Air Nigeria	2
Tristar Air	2
Asia, Australasia & Middle East	Total 1,082 (64)
AHS Air International	8
Air Do	8
Air Hong Kong	16
Air Japan	20
Air New Zealand	10
Air Niugini	2
AirAsia X	2 (50)
AirCalin	4
ANA - All Nippon Airways	90
Ariana Afghan Airlines	2
Asiana Airlines	72
Business Air	2
Cargo Air Lines	4
China Airlines	136
China Cargo Airlines	8
Emirates Airline	8
Etihad Airways	12
EVA Air	86 (4)
Express Freighters Australia	2
Garuda Indonesia	8
Global Charter Services	4
Global Jet Airlines	2
InvestAvia Airline	2
Iran Air	30
Iraqi Airways	10
Japan Airlines	82
Jet Airways	14 (10)
Jetstar	8
Jordan Aviation	6
Kam Air	8
Kuwait Airways	16
Mahan Air	54
Mega Maldives Airlines	4
MIAT - Mongolian Airlines	2
Midex Airlines	12
Nippon Cargo Airlines	20
Orient Thai Airlines	4
Pakistan International Airlines	4
Qantas	100
Qatar Airways	58
Qeshm Airlines	6
Royal Jordanian	4
Saudia	52
Shaheen Air International	6
Sunday Airlines	2
Taban Air	2
Thai Airways International	56
Unique Air	2
Yangtze River Express	12
Europe	Total 813 (42)
Aer Lingus	14
Air Cargo Global	4
Air Europa	12
Air France	62



AirBridgeCargo	28
Airbus Transport International	10
Alitalia	24
Arkefly	4
Azerbaijan Airlines	4
Blue Panorama Airlines	6
Brussels Airlines	6
Cargolux	4
Condor	12
Continental Airways	4
DHL Air	8
EuroAtlantic Airways	4
Finnair	16
Hi Fly	2
Iberia	16 (16)
Ikar Airlines	2
Jetairfly	2
KLM Royal Dutch Airlines	120 (2)
Lufthansa	72
Lufthansa Cargo	45
Martinair	12
Meridiana	6
MNG Airlines	8
NEOS	4
Nordic Global Airlines	12
Nordwind Airlines	16
Privilege Style	2
Pullmantur Air	4
Rossiya - Russian Airlines	6
S7 Airlines	4
SATA International	6
Silk Way West Airlines	4
Star Air	24
TAP Portugal	14
Thomson Airways	6
Titan Airways	2
TNT Airways	8
Transaero Airlines	72
TUIfly	2
TUIfly Nordic AB	6
Turkish Airlines (THY)	38 (24)
ULS Airlines Cargo	6
UTAir	12
Veteran Avia	4
Virgin Atlantic Airways	48
West Air Europe	2
White	2
XL Airways France	2
North/South America	Total 1,405 (116)
21 Air	4
ABX Air	60
Aerolineas Argentinas	(8)
AeroUnion	6
Air Canada	42
Air Transat	18
American Airlines	116
Amerijet International	12
ATI - Air Transport International	6
Atlas Air	68
Avianca Cargo	2
Boliviana de Aviacion	4
Cargojet Airways	14
Centurion Air Cargo	19
Delta Air Lines	122 (20)
Dynamic Airways	2
FedEx	435 (88)
Florida West International Airways	2
Hawaiian Airlines	4
Kalitta Air	32
Kelowna Flightcraft	6
LAN Airlines	46
LAN Argentina	4
LAN Cargo	4
LAN Cargo Colombia	2
LAN Colombia	6
MasAir	2

National Airlines	8
Omni Air International	14
Polar Air Cargo	32
Rio Linhas Aereas	2
SBA Airlines	4
Solar Cargo	3
Southern Air	4
TAB Airlines	9
TAM Cargo	8
TAM Linhas Aereas	26
Transcarga International Airways	4
United Airlines	32
UPS Airlines	203
US Airways	10
Vision Airlines	2
Western Global Airlines	6
GENERAL ELECTRIC GE90	TOTAL 1,678 (468)
Africa	Total 64 (12)
Air Austral	8
CEIBA Intercontinental	2
Egyptair	12
Ethiopian Airlines	24 (8)
Kenya Airways	6
TAAG Angola Airlines	12 (4)
Asia, Australasia & Middle East	Total 1,012 (332)
Air China	40
Air China Cargo	10 (6)
Air India	26 (6)
Air New Zealand	14
ANA - All Nippon Airways	38 (18)
Biman Bangladesh Airlines	8
Cathay Pacific	90 (16)
China Airlines	6 (14)
China Cargo Airlines	12
China Eastern Airlines	4 (36)
China Southern Airlines	38 (20)
Emirates Airline	246 (104)
Etihad Airways	58 (2)
EVA Air	36 (20)
Garuda Indonesia	12 (8)
Hong Kong Airlines	(12)
Iraqi Airways	2
Japan Airlines	48
Jet Airways	12
Korean Air	32 (26)
Kuwait Airways	4
Pakistan International Airlines	18 (10)
Philippine Airlines	12
Qatar Airways	88 (2)
Saudia	70 (16)
Singapore Airlines	44 (10)
Thai Airways International	22 (6)
Turkmenistan Airlines	4
Vietnam Airlines	8
Virgin Australia International	10
Europe	Total 368 (88)
Aeroflot Russian Airlines	20 (20)
AeroLogic	16
Air France	128 (8)
Alitalia	20
Austrian	10
British Airways	78
KLM Royal Dutch Airlines	46 (12)



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Lufthansa Cargo	8 (2)
Nordwind Airlines	6
Swiss	(12)
TNT Airways	6
Turkish Airlines (THY)	30 (34)
North/South America	Total 234 (36)
Aeromexico	8
Air Canada	46 (4)
American Airlines	30 (10)
Delta Air Lines	20
FedEx	50 (18)
LAN Cargo	8
Southern Air	8
TAM Cargo	(4)
TAM Linhas Aereas	20
United Airlines	44
GENERAL ELECTRIC GE9X	TOTAL (572)
Asia, Australasia & Middle East	Total (532)
ANA - All Nippon Airways	(40)
Cathay Pacific	(42)
Emirates Airline	(300)
Ethihad Airways	(50)
Qatar Airways	(100)
Europe	Total (40)
Lufthansa	(40)



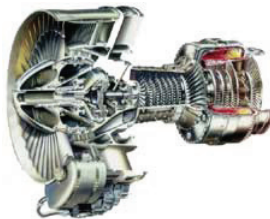
GENERAL ELECTRIC GENX	TOTAL 542 (926)
Africa	Total 32 (42)
Arik Air	(22)
Ethiopian Airlines	20 (6)
Kenya Airways	12 (6)
Royal Air Maroc	(8)
Asia, Australasia & Middle East	Total 280 (470)
Air China	8 (12)
Air India	32 (20)
Cathay Pacific	52 (4)
China Southern Airlines	20
Ethihad Airways	4 (142)
Hainan Airlines	16 (4)
Japan Airlines	30 (60)
Jetstar	14
Korean Air	20 (70)
Nippon Cargo Airlines	28 (28)
Oman Air	(12)
Qantas	(14)
Qatar Airways	34 (26)
Royal Jordanian	10 (12)
Saudia	8 (16)
Uzbekistan Airways	(4)
Vietnam Airlines	(38)
Xiamen Airlines	4 (8)
Europe	Total 152 (142)



Air France	(22)
Air France-KLM Group	(4)
airberlin	(6)
AirBridgeCargo	24
Arkefly	2 (4)
Azerbaijan Airlines	(4)
Cargolux	44 (12)
Jetairfly	2
KLM Royal Dutch Airlines	(48)
Lufthansa	60 (16)
Silk Way West Airlines	8
Thomson Airways	12 (6)
Transaero Airlines	(16)
TUIFly Nordic AB	(4)
North/South America	Total 78 (272)
Aeromexico	10 (20)
Air Canada	10 (64)
American Airlines	(84)
Atlas Air	12
Polar Air Cargo	20
United Airlines	26 (104)

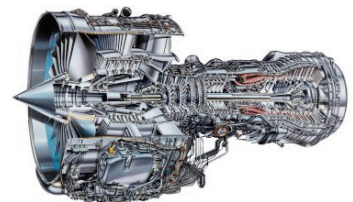
Honeywell

HONEYWELL LF507	TOTAL 432
Africa	Total 64
Air Annobon	4
Air Botswana	8
Air Libya	4
Airlink	48
Asia, Australasia & Middle East	Total 80
Anugrah Mandiri Walesi	4
Mahan Air	28
National Jet Express	28
Qeshm Airlines	20
Europe	Total 256
Brussels Airlines	48
Cityjet	68
Dart Airlines	4
Ellinair	8
Malmo Aviation	48
Swiss European Air Lines	80
North/South America	Total 32
Aerovias DAP	4
Eco Jet	16
North Cariboo Air	8
Summit Air Charters	4



INTERNATIONAL AERO ENGINES V2500	TOTAL 5,142 (1,030)
Africa	Total 94 (24)
Air Cairo	2
Air Cote d'Ivoire	2
Air Go Airlines	4
Almasria Universal Airlines	4
Buraq Air	2
Egyptair	28

Fastjet Tanzania	2
Global Aviation Operations	2
Nesma Airlines	6
Nile Air	4
Nouvelair Tunisie	2
South African Airways	36 (24)
Asia, Australasia & Middle East	Total 2,256 (366)
Air Astana	26
Air Bishkek	2
Air Busan	18
Air China	74
Air India	24
Air Macau	32 (2)
Air New Zealand	46 (10)
AirAsia Zest	18
Airblue	2
AirCalin	4
Apsara International Air	2
Ariana Afghan Airlines	2
Asiana Airlines	64
ATA Air	6
Atrak Air	4
Bangkok Airways	36
Cambodia Angkor Air	8
Capital Airlines	58 (8)
China Eastern Airlines	160 (32)
China Eastern Airlines Jiangsu	6
China Southern Airlines	342 (24)
Chongqing Airlines	20
Citilink	14
Dragonair	46
Ethihad Airways	56 (16)
EVA Air	6
Golden Myanmar Airlines	2
Gulf Air	12
Hong Kong Express Airways	8
IndiGo	168
Iran Air	4
Iran Aseman Airlines	4
Iraqi Airways	4
Israir	4 (2)
Jetstar	118 (2)
Jetstar Asia	36
Jetstar Japan	38 (2)
Jetstar Pacific Airlines	16
Kingfisher Airlines	(134)
Middle East Airlines	18
Mihin Lanka	6
Nepal Airlines	(4)
Pakistan International Airlines	4
Philippine Airlines	28 (40)
Qatar Airways	82
Royal Brunei Airlines	12 (4)
Royal Jordanian	24
SaudiGulf Airlines	-8
Shaheen Air International	12
Shenzhen Airlines	56
Sichuan Airlines	170 (6)
SilkAir	38
Skywings Asia Airlines	2
SriLankan Airlines	8
Syrianair	12
Thai Smile	32 (8)
Tianjin Airlines	18
Tigerair	48 (10)
Tigerair Australia	26



Tigerair Taiwan	4
TransAsia Airways	14 (8)
UNI Air	8
V air	2
Vietnam Airlines	102 (6)
Virgin Australia Regional Airlines	4
Vistara	4 (22)
West Air (China)	24 (2)
Yemenia	4 (16)
Zagros Airlines	2
Zagrosjet	2
Europe	Total 1,118 (200)
Adria Airways	4
Aegean Airlines	70 (14)
Air Moldova	2
Air Serbia	20
Air VIA	2
Astra Airlines	2
Atlasjet Airlines	24
BH Air	4
British Airways	238
Cyprus Airways	12
DAT - Danish Air Transport	2
Finnair	10
Freebird Airlines	10
Germanwings	52
Lufthansa	124 (4)
Meridiana	6
MetroJet	16
Monarch Airlines	54 (4)
Nordwind Airlines	14
Novair	6
Onur Air	36
SAS	50
Small Planet Airlines (Lithuania)	6
Small Planet Airlines (Poland)	8
Thomas Cook Airlines Belgium	2
Turkish Airlines (THY)	174 (50)
Ural Airlines	2
Vista Georgia	2
Vueling Airlines	40 (60)
Wind Rose Aviation Company	4
Wizz Air	100 (68)
Wizz Air Ukraine	4
WOW air	6
Yamal Airlines	12
North/South America	Total 1,674 (440)



American Airlines	56 (136)
Aruba Airlines	8
Avianca	4
Avianca (Costa Rica)	22
Avianca Holdings	-4
Cubana	2
Delta Air Lines	130
JetBlue Airways	284 (88)
LAN Airlines	34
LAN Argentina	26
LAN Ecuador	10
LAN Peru	40
Mexicana	(8)
Sky Airline	6
Spirit Airlines	124 (108)
TACA International Airlines	44 (6)
TACA Peru	6
TAM Linhas Aereas	158 (14)
TAME	14
United Airlines	304
US Airways	292 (26)
VivaAerobus	10 (20)
Volaris	100 (30)



IVCHENKO-PROGRESS AI-25		TOTAL 99
Asia, Australasia & Middle East		Total 36
Bek Air	6	
East Kazakhstan Region Air Enterprise	6	
Syrianair	12	
Zhetyu Aviakompania	6	
Zhezair	3	
Europe	Total 60	
Aerobratsk	3	
Amur Airlines	9	
Aviakompaniya SKOL	3	
Gazpromavia	12	
Khabarovsk Airlines	9	
Petropavlovsk-Kamchatsky Air Enterprise	9	
Rossiya Special Flight Detachment	3	
Severstal Aircompany	3	
Tulpar Air	6	
Vologda Air Enterprise	3	
North/South America	Total 3	
Aerocaribbean	3	



IVCHENKO-PROGRESS D-18		TOTAL 78
Europe		Total 78
Antonov Airlines	34	
Maximus Airlines	4	
Volga-Dnepr Airlines	40	



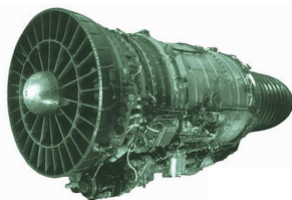
IVCHENKO-PROGRESS D-36		TOTAL 164
Africa		Total 15
Golaf Air	2	
Green Flag Aviation	4	
Tarco Air	9	
Asia, Australasia & Middle East	Total 9	
Asia Airways	2	
Pouya Air	2	
SCAT	3	
Yas Air	2	
Europe	Total 140	
Aerom	2	
Antonov Airlines	2	
Ayk Avia	4	
Cavok Air	2	
FGUAP MCHS Rossii	7	
Gazpromavia	12	
Grozny-Avia	24	
Izhavia Udmurtia	21	
KrasAvia	6	
Motor Sich Airlines	2	
Saravia	21	
Shar ink	6	
Skiva Air	2	
South Airlines (Armenia)	6	
Tulpar Air	9	
Uktus Avia Company	2	
UTAir Cargo	12	



IVCHENKO-PROGRESS D-436-148		TOTAL 32 (10)
Asia, Australasia & Middle East		Total 2 (2)
Air Koryo	2 (2)	
Europe	Total 20 (6)	
Angara Airlines	8 (4)	
Rossiya - Russian Airlines	12	
Rossiya Special Flight Detachment	(2)	
North/South America	Total 10 (2)	
Cubana	10 (2)	



KUZNETSOV DESIGN NK-8		TOTAL 30
Asia, Australasia & Middle East		Total 6
Air Koryo	6	
Europe	Total 24	
223rd State Airline Flight Unit	24	



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LYCOMING ALF502	TOTAL 260
Africa	Total 36
Air Annobon	8
Air Libya	4
Cronos Airlines	12
Starbow	12



Asia, Australasia & Middle East	Total 88
Avia Traffic Company	4
Aviastar Mandiri	8
Mahan Air	32
Manunggal Air	4
National Jet Express	32
Nusantara Air Charter	4
Skyjet Airlines	4
Europe	Total 76
Astra Airlines	8
Bulgaria Air	4
Pan Air	32
TNT Airways	20
WDL	12
North/South America	Total 60
Aerovias DAP	8
Star Peru	32
TAM - Transporte Aereo Militar	20



PowerJet

POWERJET SAM146	TOTAL 60 (128)
Asia, Australasia & Middle East	Total (34)
Bek Air	(14)
Lao Central Airlines	(2)
Sky Aviation	(18)
Europe	Total 38 (76)
Aeroflot Russian Airlines	20 (40)
Center-South Airlines	4
Gazpromavia	10 (8)
Transaero Airlines	(12)
UTAir	(12)
VLM Airlines	(4)
Yakutia Airlines	4
North/South America	Total 22 (18)
Interjet	22 (18)



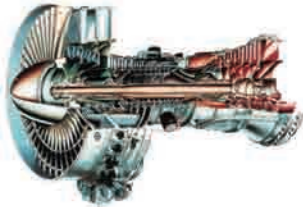
PRATT & WHITNEY JT3D	TOTAL 4
Africa	Total 4
Trans Air Cargo Services	4
PRATT & WHITNEY JT8D	TOTAL 1,402
Africa	Total 102
Africa Charter Airline	8
African Express Airways	7
Air Burkina	2
Air Zimbabwe	2
Allegiance Airways - Gabon	2
Astral Aviation	2
Blue Sky Airways	2
CAA - Compagnie Africaine d'Aviation	2
Canadian Airways Congo	6
DANA Air	8
Emirate Touch Aviation Services	3
Fly-SAX	2
Ghadames Air Transport	2
Global Aviation Operations	2
Gomair	5
Interair	2
ITAB - International Trans Air Business	2
JedAir	2
Jubba Airways	4
Karinou Airlines	2
Niger Airlines	2
Services Air	15
Star Air Cargo	6
TAAG Angola Airlines	4
Trans Air Congo	8
Asia, Australasia & Middle East	Total 181
AIRFAST Indonesia	8
Airstream Aviation	2
ATA Air	10
Caspian Airlines	10
Express Air	6
Far Eastern Air Transport	16
FitsAir	2
Gryphon Airlines	2
Iran Air	6
Iran Airtours	14
Iran Aseman Airlines	12
Iraqi Airways	2
Jayawijaya Dirgantara	2
Kam Air	10
Kish Air	14
Lankan Cargo	3
Majestic Air Cargo	3
Neptune Air	3
Raya Airways	9
RPX Airlines	2
Seair International	2
SKA Air & Logistics (SkyLink Arabia)	3
Sky Capital Airlines	2
Taban Air	10
TAC Airlines	2
Tri MG Airlines	2
Trigana Air	6
Zagros Airlines	18
Europe	Total 64
Aurora	4
Bravo Air	2
Bulgarian Air Charter	14
Dart Airlines	6
DAT - Danish Air Transport	4
Meridiana	20
Mistral Air	6
Ten Air	6
UM Air	2
North/South America	Total 1,055
Aeronaves TSM	16

Aerpostal	10
Aerosucre Colombia	16
Aerovias DAP	4
Air Class Lineas Aereas	3
Air Inuit	4
Air North	2
Allegiant Air	106
Aloha Air Cargo	6
American Airlines	280
Amerijet International	12
Ameristar Charters	14
Andes Lineas Aereas	8
ARjet Airlines	2
Aserca Airlines	12
Asia Pacific Airlines	9
Avior Airlines	8
Canadian North	14
Cargojet Airways	15
Century Airlines	2
Conviasa	2
Danaus Lineas Aereas	4
Delta Air Lines	234
Everts Air Alaska	6
Falcon Air Express	10
First Air	10
Global Air	4
Gulf & Caribbean Cargo	12
InselAir	8
InselAir Aruba	4
Kalitta Charters II	24
Kelowna Flightcraft	6
LASER	18
Lineas Aereas Suramericanas	21
Magnicharters	2
Nolinor Aviation	8
Northern Air Cargo	4
PanAir Cargo	3
PAWA Dominicana	2
Perla Airlines	4
Peruvian Airlines	6
Rio Linhas Aereas	15
Rutaca	12
SELVA Colombia	3
Sierra Pacific Airlines	4
SkyWay Enterprises	2
TAM - Transporte Aereo Militar	15
Total Linhas Aereas	18
TransAir	6
Uneworld Air Cargo (1)	2
USA Jet Airlines	16
Venezolana	14
Vensecar Internacional	3
World Atlantic Airlines	10

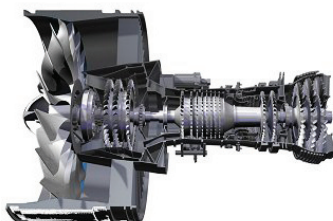


PRATT & WHITNEY JT9D	TOTAL 138
Africa	Total 32
Eritrean Airlines	2
Interair	2
Kabo Air	12
MaxAir	16
Asia, Australasia & Middle East	Total 60
Asian Air	2
Caspian Airlines	8
Iran Air	4
Iran Aseman Airlines	2
Japan Airlines	10
Jet Asia Airways	6
Orient Thai Airlines	14

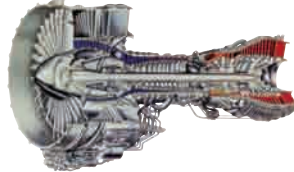
Safi Airways	2
Uni-Top Airlines	12
North/South America	Total 46
Atlas Air	8
Dynamic Airways	4
FedEx	8
Kalitta Air	24
Vision Airlines	2



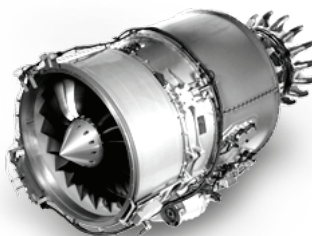
PRATT & WHITNEY PW1000G	TOTAL (2,840)
Asia, Australasia & Middle East	Total (1,062)
Air Costa	(100)
Air Mandalay	(12)
Air New Zealand	(2)
ANA - All Nippon Airways	(90)
Cebu Pacific Air	(60)
GoAir	(144)
Gulf Air	(20)
IndiGo	(360)
Iraqi Airways	(10)
Korean Air	(20)
Qatar Airways	(100)
Royal Brunei Airlines	(14)
SaudiGulf Airlines	(32)
Tigerair	(74)
TransAsia Airways	(24)
Europe	Total (618)
Aeroflot Russian Airlines	(150)
airBaltic	(26)
Lufthansa	(120)
Malmo Aviation	(20)
Norwegian	(100)
Novair	(6)
Odyssey Airlines	(20)
Red Wings Airlines	(30)
Swiss	(60)
Transaero Airlines	(36)
UTAir	(30)
UTAir Ukraine	(10)
VIM Airlines	(10)
North/South America	Total (1,160)
Eastern Air Lines	(40)
Hawaiian Airlines	(32)
JetBlue Airways	(120)
LAN Airlines	(64)
Republic Airways Holdings Inc	(80)
SkyWest Airlines	(400)
Spirit Airlines	(110)
TAM Linhas Aereas	(42)
Trans States Holdings	(100)
VivaAerobus	(80)
Volaris	(92)



PRATT & WHITNEY PW2000	TOTAL 578
Africa	Total 8
Ethiopian Airlines	6
TACV - Cabo Verde Airlines	2
Asia, Australasia & Middle East	Total 26
China Cargo Airlines	2
Shanghai Airlines	10
Tajik Air	4
Uzbekistan Airways	10
Europe	Total 54
Aer Lingus	6
Ikar Airlines	6
Nordwind Airlines	10
OpenSkies	4
UTAir	12
VIM Airlines	16
North/South America	Total 490
ATI - Air Transport International	10
Delta Air Lines	284
DHL Aero Expresso	4
FedEx	44
United Airlines	76
UPS Airlines	70
Vensecar Internacional	2



PRATT & WHITNEY PW300	TOTAL 26
Africa	Total 4
Air Peace	4
Asia, Australasia & Middle East	Total 4
Express Air	2
InvestAvia Airline	2
Europe	Total 14
Sun-Air of Scandinavia	14
North/South America	Total 4
Calm Air	2
Key Lime Air	2



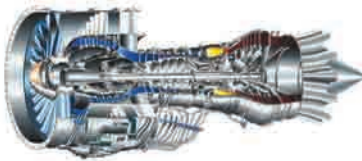
PRATT & WHITNEY PW4000	TOTAL 2,136 (58)
Africa	Total 44
Air Zimbabwe	2
Arik Air	2
Camair Co	2
Egyptair	6
Ethiopian Airlines	20
Global Africa Aviation	6
Med-View Airline	2
Sudan Airways	4
Asia, Australasia & Middle East	Total 910 (58)
Air Astana	6
Air China	32
Air China Cargo	12
Air Hong Kong	4

Air India	24
Air Niugini	2
ANA - All Nippon Airways	70
Asia Atlantic Airlines (Thailand)	4
Asiana Airlines	54
Biman Bangladesh Airlines	8
Business Air	2
Cargo Air Lines	4
Cathay Pacific	32
China Airlines	36
China Cargo Airlines	4
China Southern Airlines	34 (18)
El Al	40
Hainan Airlines	6
Hong Kong Airlines	12
Iraqi Airways	4
Japan Airlines	40
Jet Asia Airways	2
Kingfisher Airlines	(30)
Korean Air	214 (10)
Lion Air	8
Mahan Air	2
Malaysia Airlines	46
Orient Thai Airlines	4
Pakistan International Airlines	8
Royal Jordanian	6
Saudia	74
Shanghai Airlines	12
Silk Road Cargo Business	2
Singapore Airlines Cargo	32
Thai Airways International	18
United Airways	2
Uzbekistan Airways	18
Vietnam Airlines	28
Yemenia	4
Europe	Total 276
Air Cargo Global	4
Air Greenland	2
airberlin	28
Arkefly	2
Austrian	12
BH Air	2
Brussels Airlines	10
Cargolux	8
Condor	18
Corsair	12
Czech Airlines	2
Edelweiss Air	2
EuroAtlantic airways	6
European Air Transport	40
lfly	4
Ikar Airlines	6
Martinair	22
MNG Airlines	4
myCARGO Airlines	4
Nordwind Airlines	2
Orenair	6
Pullmantur Air	4
SATA International	2
SkyGreece Airlines	2
TAP Portugal	14
TAROM	2
Transaero Airlines	38
Turkish Airlines (THY)	10
Ukraine International Airlines	6



COMMERCIAL ENGINES 2014

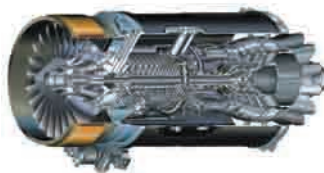
Wind Rose Aviation Company	2
North/South America	Total 906
ABX Air	4
Aerolineas Argentinas	8
Aeromexico	10
Air Canada Rouge	16
Air Caraibes	10
Aloha Air Cargo	2
Atlas Air	16
Caribbean Airlines	4
Delta Air Lines	184
FedEx	124
Hawaiian Airlines	18
Omni Air International	4
Sky Lease Cargo	9
Southern Air	8
TAM Linhas Aereas	16
United Airlines	270
UPS Airlines	185
US Airways	18
PRATT & WHITNEY PW6000	TOTAL 30
North/South America	Total 30
Avianca (Brazil)	30



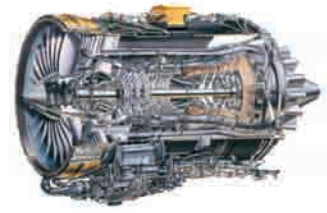
Avianca (Brazil) is the world's only carrier who operates PW6000-powered A318 aircraft



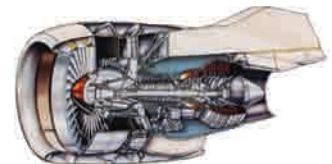
ROLLS-ROYCE AE 3007	TOTAL 1,310
Africa	Total 86
Afric Aviation	2
Africa World Airlines	6
Air 26	6
Air Namibia	8
Air Taraba	2
Airlink	26
ALS Limited	6
Dixim Expresso	2
Equaflight Service	4
Mauritania Airlines International	2
Mocambique EXpresso	4
Punto Azul	4
Solenta Aviation	8
Swaziland Airlink	6
Asia, Australasia & Middle East	Total 72
China Eastern Airlines	10
JetGo Australia	6
NovoAir	6
Rotana Jet	6
Tianjin Airlines	44
Europe	Total 126
Air Europa	2
Air Lituanica	2
BMI Regional	34
Denim Air	2
Dniproavia	10
Eastern Airways	8
HOP!	36
Luxair	12
Pan Europeenne Air Service	4
PGA - Portugalia Airlines	16
North/South America	Total 1,026
ADI Charter Services	4
Aereo Calafia	2
Aeromexico Connect	46
BizCharters Inc	2
Chautauqua Airlines	84
Envoy	338
ExpressJet Airlines	470
IBC Airways	4
SATENA	4
TAR Aerolineas	6
Tortug Air	6
Trans States Airlines	60



ROLLS-ROYCE BR700	TOTAL 296
Asia, Australasia & Middle East	Total 48
QantasLink	36
Turkmenistan Airlines	12
Europe	Total 48
Blue1	18
Volotea	30

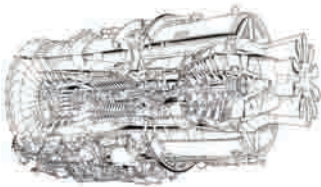


North/South America	Total 200
Delta Air Lines	96
Hawaiian Airlines	36
Southwest Airlines	68
ROLLS-ROYCE RB211	TOTAL 1,318
Africa	Total 18
Cairo Aviation	4
ECAir	4
Ethiopian Airlines	6
MaxAir	4
Asia, Australasia & Middle East	Total 188
Air Astana	10
Air China Cargo	8
Air Hong Kong	12
Arkia	4
Blue Dart Aviation	12
Cathay Pacific	28
China Southern Airlines	24
DHL International Aviation EEMEA	8
Jet Asia Airways	2
Mega Maldives Airlines	2
MIAT - Mongolian Airlines	2
Nepal Airlines	4
Qantas	24
Raya Airways	2
Saudia	2
SCAT	4
SF Airlines	16
Sunday Airlines	4
Tasman Cargo Airlines	2
Turkmenistan Airlines	6
Xiamen Airlines	12
Europe	Total 524
Azerbaijan Airlines	8
British Airways	202
Cargolux	24
Cargolux Italia	8
Condor	26
Cygnus Air	4
DHL Air	42
European Air Transport	22
Icelandair	46
Iffy	10
Jet2	22
La Compagnie	2
OpenSkies	2
Privilege Style	4
Royal Flight	10
Silk Way West Airlines	12
Thomas Cook Airlines	18
Thomson Airways	28
Titan Airways	4
TNT Airways	2
Transaero Airlines	16
UTair	6
Yakutia Airlines	6
Transaero Airlines	16
UTair	6

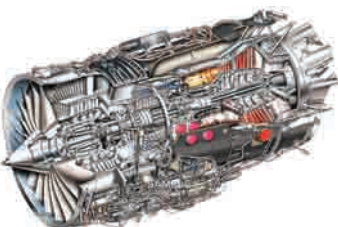


Yakutia Airlines	6
North/South America	Total 598
Allegiant Air	12
American Airlines	156
ATI - Air Transport International	6
Cargojet Airways	8
FedEx	136
Fly Jamaica	2
Morningstar Air Express	10
National Airlines	4
SBA Airlines	4
United Airlines	124
UPS Airlines	80
US Airways	46

ROLLS-ROYCE SPEY	TOTAL 6
Africa	Total 4
Fly-SAX	2
Toumai Air Tchad	2
Asia, Australasia & Middle East	Total 2
Myanma Airways	2

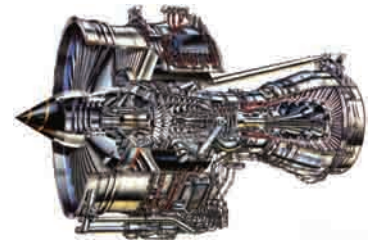


ROLLS-ROYCE TAY	TOTAL 354
Africa	Total 6
Ghadames Air Transport	2
Golden Wings Aviation	2
Kush Air	2
Asia, Australasia & Middle East	Total 198
Air Niugini	14
Alliance Airlines	48
Bek Air	12
InvestAvia Airline	6
Iran Air	22
Iran Aseman Airlines	20
Iranian Naft Airlines	8
Kish Air	6
Network Aviation Australia	24
Pelita Air Service	4
Qeshm Airlines	6
Transwisata Air	2
Vietnam Airlines	4
Virgin Australia Regional Airlines	22
Europe	Total 124
Carpatair	6
Denim Air	4
Helvetic Airways	12
KLM cityhopper	38
Montenegro Airlines	4
PGA - Portugalia Airlines	12
Trade Air	4
Tyrolean Airways	44
North/South America	Total 26
Air Panama	4
Avianca (Brazil)	22



ROLLS-ROYCE TRENT	TOTAL 2,486 (2,324)
Africa	Total 94 (68)
Afriqiyah Airways	(20)
Air Mauritius	(4)
Air Namibia	4
Air Seychelles	4
Arik Air	8
Egyptair	22 (2)
Ethiopian Airlines	(24)
Kenya Airways	8
Libyan Airlines	(12)
South African Airways	48
Tunisair	(6)
Asia, Australasia & Middle East	Total 1,482 (1,328)
Air Astana	(6)
Air China	96 (60)
Air New Zealand	20 (16)
Air Niugini	(2)
AirAsia X	34 (42)
AINaser Airlines	8
ANA - All Nippon Airways	66 (94)
Asiana Airlines	8 (76)
Cathay Pacific	114 (102)
Cebu Pacific Air	10 (2)
China Airlines	(28)
China Eastern Airlines	86 (16)
China Eastern Yunnan	6
China Southern Airlines	48
Dragonair	36
El Al	12
Emirates Airline	108
Ethiad Airways	100 (126)
Fiji Airways	6
Garuda Indonesia	42 (28)
Gulf Air	12 (12)
Hainan Airlines	32 (2)
Hong Kong Airlines	22 (32)
Japan Airlines	(62)
Kuwait Airways	(20)
Malaysia Airlines	50
Middle East Airlines	8
Oman Air	16 (4)
PAL Express	4
Philippine Airlines	24 (2)
Qantas	48 (32)
Qatar Airways	22 (170)
Royal Brunei Airlines	8 (2)
Saudia	26
Scot	12 (40)
Shanghai Airlines	10
Sichuan Airlines	12 (2)
Singapore Airlines	204 (230)
Skymark Airlines	8 (12)
SriLankan Airlines	16 (24)
Thai AirAsia X	4 (2)
Thai Airways International	124 (34)
TransAsia Airways	4
Vietnam Airlines	(28)
Virgin Australia	12
Yemenia	4 (20)
Europe	Total 630 (478)
Aer Lingus	(18)
Aeroflot Russian Airlines	44 (44)
Air Europa	16 (16)
Air France	(50)
Azerbaijan Airlines	8
British Airways	86 (120)
Corsair	8
Edelweiss Air	4
EuroAtlantic airways	2
Evelop Airlines	2
Finnair	(22)
Iberia	68 (16)
Icelandair	(2)
LOT Polish Airlines	12 (4)
Lufthansa	182 (58)

MNG Airlines	2 (6)
Monarch Airlines	4
NEOS	(4)
Norwegian	(14)
Norwegian Long Haul	14
SAS	8 (24)
Swiss	26 (2)
TAP Portugal	(24)
Thomas Cook Airlines	8
Thomas Cook Airlines Scandinavia	8
Transaero Airlines	18
Turkish Airlines (THY)	32
Virgin Atlantic Airways	74 (54)
XL Airways France	4
North/South America	Total 280 (450)
Air Canada	16
Air Caraibes	(12)
Air Transat	24
American Airlines	94
Avianca	20 (34)
Avianca (Brazil)	4 (26)
Avianca Cargo	8 (2)
Azul	6 (10)
Delta Air Lines	16 (136)
Hawaiian Airlines	38 (18)
LAN Airlines	20 (44)
TACA Peru	2
TAM Linhas Aereas	(54)
TAME	2
United Airlines	(70)
US Airways	30 (44)



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