

Value Trends Glossary and Coverage

For an in-depth understanding of our Values Methodology, please view the full values [methodology document](#).

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Definitions – Value Metrics

All value metrics are calculated at the mid-year point, i.e. July 1.

Half Life Base Value (Past)

The underlying economic value of an aircraft in balanced market conditions which assumes the aircraft and its engines are half-way between major overhauls, inspections or performance restorations as appropriate and all LLPs have 50% of their certified lives remaining. A Current Base Value (CBV) reflects our opinion of balanced market conditions on the Date Created and incorporates depreciation for the age of the aircraft (in months) on the selected Valuation As At Date. Ascend by Cirium follows the definition of Base Value as given by the International Society of Transport Aircraft Trading (ISTAT): Base Value is the appraiser's opinion of the underlying economic value of an aircraft in an open, unrestricted, stable market environment with a reasonable balance of supply and demand, and assumes full consideration of its "highest and best use". An aircraft's Base Value is founded on the historical trend of values and in the projection of value trends and presumes an arm's-length, cash transaction between willing, able and knowledgeable parties, acting prudently, with an absence of duress and with a reasonable period of time available for marketing. The term "Half-Life" refers to the

airframe, engines, landing gear and all major components being half-way between major overhauls, inspections or performance restorations as appropriate; with any life limited parts having 50% of their certified lives remaining. For aircraft that are new or nearly new, the aircraft is assumed to be in better than "Half-Life" maintenance condition during the first 48 months of operation for fixed wing aircraft or 24 months of operation for helicopters, after which the condition is assumed to be true 50% Half-Life condition.

Half Life Base Values (Future)

The Future underlying economic value of an aircraft in balanced market conditions, assuming the given inflation rate and which assumes the aircraft and its engines are half-way between overhauls and all LLPs have 50% life remaining. Inflated HLBV assumes Future Values with 2% annual inflation (or a user [selected inflation rate](#)). Flight Ascend Consultancy follows the definition of Base Value as given by the International Society of Transport Aircraft Trading (ISTAT): Base Value is the appraiser's opinion of the underlying economic value of an aircraft in an open, unrestricted, stable market environment with a reasonable balance of supply and demand, and assumes full consideration of its "highest and best use". An aircraft's Base Value is founded on the historical trend of values and in the projection of value trends and presumes an arm's-length, cash transaction between willing, able and knowledgeable parties, acting prudently, with an absence of duress and with a reasonable period of time available for marketing. The term "Half-Life" refers to the airframe, engines, landing gear and all major components being half-way between major overhauls, inspections or performance restorations as appropriate; with any life limited parts having 50% of their certified lives remaining.

Inflation Rate

This is a specific annual USD Inflation rate of the price of goods and services over the forecast horizon. Future Values assume 2% annual inflation by default. Alternatively, the user can select a different inflation rate.

Half Life Market Value

The value that an aircraft can best achieve under market conditions that exist at a given point in time, which assumes the aircraft and its engines are half-way between overhauls and all LLPs have 50% life remaining. A Current Market Value (CMV) reflects the market conditions on the Date Created and incorporates depreciation for the age of the aircraft (in months) on the selected Valuation As At Date. Market Value takes into account such parameters as market activity and known transaction data involving the subject aircraft type around that time. It additionally considers perceived demand for the type, its availability on the market and further takes into account the expressed views of informed industry sources. Under this scenario, the value is intended to reflect what might be expected from the result of an 'arms length, single sale' transaction, for cash or equivalent consideration, conducted in an orderly manner (for which we consider a period of up to 12 months to come to fruition to be reasonable) between a 'willing buyer and willing seller', with the aircraft free of any lease or charge. We also assume that the aircraft is free of any onerous restrictions in respect of its ownership and title documentation. The term "Half-Life" refers to the airframe, engines, landing gear and all major components being half-way between major overhauls, inspections or performance restorations as appropriate; with any life limited parts having 50% of their certified lives remaining. For aircraft that are new or nearly new, the aircraft is assumed to be in better than "Half-Life" maintenance condition during the first 48 months of operation for fixed wing aircraft or 24 months of operation for helicopters, after which the condition is assumed to be true 50% Half-Life condition.

Market Lease Rate

Based on a "Net-Dry" operating lease, to a lessee of typical credit rating relative to the rest of the airline industry, with fixed payments in advance and typical lease term. The Market Lease rate takes into account the current market dynamics to capture a snapshot of what could be obtained in the current market when leasing an aircraft. The given Lease Rates do not include any provision for maintenance reserves. Like Market Values, Market Lease Rates assume that both parties in the transaction are willing, knowledgeable and acting at "arm's length".

Base Lease Rate

Based on a "Net-Dry" operating lease, to a lessee of typical credit rating relative to the rest of the airline industry, with fixed payments in advance and typical lease term. The BLR assumes a stable market environment with a reasonable balance of supply and demand. BLRs are provided in the year of value US Dollars. The Lease Rate Factor (LRF) curve approach is used to forecast lease rates. The LRF curve methodology is derived from historical transactions that occurred in all previous market conditions. The given Lease Rates do not include any provision for maintenance reserves. Like Base Values, Base Lease Rates assume that both parties in the transaction are willing, knowledgeable and acting at "arm's length".

Market Lease Rate to Market Value (aka, Lease Rate Factor)

The ratio of the [Market Lease Rate](#) to the [Half Life Market Value](#). Expressed as a percentage.

Market Value to Base Value Ratio

The ratio of the [Half Life Market Value](#) to the [Half Life Base Value](#). Expressed as a percentage (above or below the Half Life Base Value), e.g. +10%.

Definitions – Liquidity Metrics

All liquidity metrics are calculated at the mid-year point, i.e. July 1.

Total In Service

The total number of aircraft (of the chosen Value Sub Series) with a status of In Service.

Total In Storage

The total number of aircraft (of the chosen Value Sub Series) with a status of Storage.

Number of Lessors

The total number of Lessors identified as managing the chosen Value Sub Series (In Service and Stored).

Number of Operators

The total number of Operators identified as operating the chosen Value Sub Series (In Service and Stored).

Percentage (%) In Storage

The percentage of In Storage aircraft of the chosen Value Sub Series (as a percentage of In Service + In Storage).

Coverage

The following Aircraft Value Sub Series (and their engines) are included in Ascend Value Trends (correct as of 25th May 2023).

aircraft_type	aircraft_value_sub_series	baseline_engine
707	320C All cargo (Stage 2 Hushkits)	JT3D 3B
707	120B Series (Stage 2 Hushkits)	JT3D 3B
707	320B Series	JT3D 3B
707	320B Series (Stage 2 Hushkits)	JT3D 3B
707	320C All cargo series	JT3D 3B
707	320B SCD Series	JT3D 3B
707	320C (Stage 2 Hushkits)	JT3D 3B
707	320B SCD Series (Stage 2 Hushkits)	JT3D 3B
707	320C (Stage 3 hushkits)	JT3D 3B
707	120B Series	JT3D 3B
707	320 Series	JT4A 11
707	320 (F) Series	JT4A 12
707	320C Series (JT8D)	JT8D 219
707	320C	JT3D 3B
717	200	BR715A
720	020B (Stage 2 Hushkits)	JT3D 3B
720	020B	JT3D 3B
727	100	JT8D 7B
727	100F (Stage 3 Hushkits/System)	JT8D 7B
727	100QF (Tay)	Tay Mk 651-54
727	200	JT8D 7B
727	200F RE Advanced (Super 27)	[NULL]
727	200F (Stage 3 Hushkits/System)	JT8D 7B
727	100RE (Super 27)	[NULL]
727	200 Advanced	JT8D 9A
727	200 Advanced (Stage 3 hushkits/system)	JT8D 9A
727	100C / 100F	JT8D 7B
727	100 (Stage 3 Hushkits/System)	JT8D 7B
727	200F/M	JT8D 7B
727	200 (Stage 3 Hushkits/System)	JT8D 9A
727	200F Advanced	JT8D 15A
727	200RE Advanced (Super 27)	[NULL]
727	200F/A (Stage 3 hushkits/system)	JT8D 15A
747	SR-100	JT9D 7A
747	100B & -100B/SR	CF6-45A2
747	SP	JT9D 7F
747	8F	GEnx-2B67/P
747	200B Combi	JT9D 7F
747	300 Series & -200B (SUD)	JT9D 7R4G2
747	300 SR & -100B/SR (SUD)	JT9D 7R4G2

747	8I	GENx-2B67
747	400D	CF6-80C2B1F
747	200B	JT9D 7F
747	200F / 200SF / 300SF	JT9D 7Q
747	300 Combi Series & -200B (SUD) Combi	CF6-50E2
747	400	CF6-80C2B1F
747	400F	CF6-80C2B1F
747	400SF / 400BCF	PW4056
747	SR-100F	JT9D 7A
747	100	JT9D 7A
747	100F & -100 Combi	JT9D 7A
747	400 Combi	CF6-80C2B1F
747	400ER	CF6-80C2B5F
747	400ERF	CF6-80C2B5F
757	200 Combi	RB211-535E4
757	200 Combi (Mod)	RB211-535E4
757	200 (RR -535C engines)	RB211-535C
757	200	RB211-535E4
757	200SF	RB211-535E4
757	300	RB211-535E4B
767	300	CF6-80C2B2
767	300ERF	CF6-80C2B6F
767	200ER / 200ERM	CF6-80C2B2
767	200	CF6-80A
767	200SF	CF6-80A2
767	400ER	CF6-80C2B8F
767	200PC	JT9D 7R4D
767	200EM	CF6-80A2
767	300ER	PW4056
767	300SF/BCF	CF6-80C2B6F
777	200LR	GE90-110B1L
777	300ERSF	GE90-115BL
777	9	GE9X-105B1A
777	200LRF	GE90-110B1L
777	8	GE9X-105B1A
777	200ER	PW4090
777	300	PW4090
777	200	PW4074
777	300ER	GE90-115BL
787	8 (LN 1-22)	GENx-1B67 PIP II
787	10	GENx-1B74/75 PIP II
787	3	Trent 1000-E1
787	9	GENx-1B74/75 PIP II
787	8	GENx-1B67 PIP II

737 (CFMI)	300	CFM56-3B1
737 (CFMI)	300SF	CFM56-3B1
737 (CFMI)	300QC	CFM56-3B1
737 (CFMI)	400	CFM56-3B2
737 (CFMI)	400SF	CFM56-3B2
737 (CFMI)	500	CFM56-3B1
737 (CFMI)	400 Combi	CFM56-3C1
737 (CFMI)	300 Combi	CFM56-3C1
737 (JT8D)	100 Series	JT8D 7A
737 (JT8D)	200C Advanced	JT8D 9
737 (JT8D)	200F Advanced (Stage 3 Hushkits)	JT8D 9A
737 (JT8D)	200F (Stage 3 hushkits)	JT8D 9A
737 (JT8D)	200 Advanced (Stage 3 hushkits)	JT8D 9A
737 (JT8D)	200 (Stage 3 hushkits)	JT8D 9
737 (JT8D)	200C / 200F	JT8D 9A
737 (JT8D)	200 Advanced	JT8D 9A
737 (JT8D)	200	JT8D 9
737 (JT8D)	200QC Advanced (Stage 3 Hushkits)	JT8D 17
737 (JT8D)	200F Advanced	JT8D 9A
737 Max	8	LEAP-1B27
737 Max	Max 8 BBJ	LEAP-1B28C
737 Max	9	LEAP-1B28
737 Max	Max 9 BBJ	LEAP-1B28C
737 Max	7	LEAP-1B23
737 Max	8-200 (Max 200)	LEAP-1B27
737 Max	10	LEAP-1B28
737 NG	700	CFM56-7B20
737 NG	700SF	CFM56-7B20
737 NG	800	CFM56-7B24
737 NG	900ER	CFM56-7B26
737 NG	700C Series	CFM56-7B26E
737 NG	BBJ2	CFM56-7B26
737 NG	600	CFM56-7B20
737 NG	800BCF/SF	CFM56-7B24
737 NG	900	CFM56-7B24
737 NG	700ER	CFM56-7B24
737 NG	BBJ1	CFM56-7B26
737 NG	BBJ3	CFM56-7B27
A220 (C-Series)	100 (CS100)	PW1519G
A220 (C-Series)	300 (CS300)	PW1521G-3
A220 (C-Series)	ACJ	PW1521G
A300	600R SAT (Beluga)	CF6-80C2A8
A300	C4 / F4	CF6-50C2
A300	600R	CF6-80C2A5

A300	600F	CF6-80C2A5F
A300	B4-100F	CF6-50C2
A300	B4	CF6-50C2
A300	B4-200F	CF6-50C2
A300	600	CF6-80C2A1
A300	B1 / B2	CF6-50C
A300	600C	JT9D 7R4H1
A310	200	CF6-80A3
A310	300	CF6-80C2A2
A310	200F	CF6-80A3
A310	300F	CF6-80C2A2
A318	100	CFM56-5B8/P
A318	ACJ	CFM56-5B9/3
A319	100 Sharklets	CFM56-5B6/3
A319	100 neo	PW1124G-JM
A319	100	V2522-A5
A319	ACJ Sharklets	CFM56-5B7/3 PIP
A319	ACJ	V2527M-A5
A319	ACJ neo	LEAP-1A26CJ
A320	100	CFM56-5A1
A320	200 (5A/A1)	CFM56-5A1
A320	ACJ	CFM56-5B4/3
A320	ACJ Sharklets	CFM56-5B4/3
A320	200 (5B/A5)	CFM56-5B4/P
A320	P2F (5B/A5)	CFM56-5B4/P
A320	ACJ neo	LEAP-1A26CJ
A320	P2F (5A)	CFM56-5A1
A320	200 Sharklets	CFM56-5B4/3
A320	200 neo	PW1127G-JM
A321	100	CFM56-5B1
A321	P2F/PCF	CFM56-5B3/P
A321	200	CFM56-5B3/P
A321	200 Sharklets	CFM56-5B3/3
A321	200 neo (non-ACF)	PW1133G-JM
A321	200 neo (ACF)	PW1133G-JM
A321	200 neo (XLR)	PW1133G-JM
A330	300 (LGW)	PW4168
A330	200	PW4168A
A330	300 P2F (HGW)	Trent 772B-60
A330	300 (HGW)	Trent 772B-60
A330	300 E Class Freighter (HGW)	Trent 772B-60
A330	900 neo	Trent 7000-72
A330	800 neo	Trent 7000-72
A330	300 P2F (LGW)	PW4168

A330	200 P2F	Trent 772B-60
A330	200F	Trent 772B-60
A340	300	CFM56-5C2
A340	200	CFM56-5C2
A340	600	Trent 556A2-61
A340	500	Trent 553A2-61
A350	A350F	Trent XWB-97
A350	1000	Trent XWB-97
A350	900	Trent XWB-84
A380	800	Trent 970-84
Arava	All variants	PT6A 36
ARJ21	700	CF34-10A16
ATP	Freighter (LCD)	PW126A
ATP	Bulk Freighter	PW126A
ATP	Passenger	PW126
ATR 42	300	PW120
ATR 42	500	PW127
ATR 42	300F (Bulk)	PW120
ATR 42	600	PW127M
ATR 42	300F (Large Cargo Door)	PW121
ATR 72	600 Combi	PW127M
ATR 72	600F Freighter (LCD)	PW127M
ATR 72	200F Freighter (LCD)	PW124B
ATR 72	210F (Large Cargo Door)	PW127
ATR 72	500F (Large Cargo Door)	PW127F
ATR 72	200F (Bulk)	PW124B
ATR 72	200	PW124B
ATR 72	500 / 210	PW127
ATR 72	210F (Bulk)	PW127
ATR 72	500F (Bulk)	PW127F
ATR 72	600	PW127M
BAe 146	100QT	ALF502 R-5
BAe 146	200QC Quick Change	ALF502 R-5
BAe 146	200	ALF502 R-5
BAe 146	200F	ALF502 R-5
BAe 146	300	ALF502 R-5
BAe 146	100	ALF502 R-5
BAe 146	200 Tanker	ALF502 R-5
BAe 146	300F	ALF502 R-5
Beech 1900	1900C	PT6A 65B
Beech 1900	1900	PT6A 65B
Beech 1900	1900C-1	PT6A 65B
Beech 1900	1900D	PT6A 67D
Beech 99	99A	PT6A 27

Beech 99	B99	PT6A 27
Beech 99	C99	PT6A 36
Beech 99	99	PT6A 20
C-130/L-100 Hercules	100-20	501-D22A
C-130/L-100 Hercules	All C-130s	T56 A-15
C-130/L-100 Hercules	100-30	501-D22A
Caravelle	11R	JT8D 7
Caravelle	10B & 10R	JT8D 217
Caravelle	1 to 10A	Avon RA.29/3 Mk 527
CASA C-212	200	TPE331 10-501C
CASA C-212	300	TPE331 10R-513C
CASA C-212	400	TPE331 12JR-701C
CASA C-212	100	TPE331 5-251C
CASA CN-235	100/200	CT7-9C
CASA CN-235	100QC	CT7-9C
CASA CN-235	10	CT7-7A
Cessna 208 Caravan	208B Grand Caravan	PT6A 114
Cessna 208 Caravan	208 Caravan	PT6A 114
Cessna 408 SkyCourier	SkyCourier Cargo	PT6A 65SC
Challenger 300	CL300	HTF7000
Challenger 350	CL350	HTF7350
Challenger 3500	CL3500	HTF7350
Challenger 600 / 601 / 604 / 605	Challenger 601-1A	CF34-1A
Challenger 600 / 601 / 604 / 605	Challenger 600	ALF502 L-2/L-2C
Challenger 600 / 601 / 604 / 605	Challenger 601-3A	CF34-1A
Challenger 600 / 601 / 604 / 605	Challenger 601-3R	CF34-1A
Challenger 600 / 601 / 604 / 605	Challenger 604	CF34-3B
Challenger 600 / 601 / 604 / 605	Challenger 605	CF34-3B
Challenger 650	CL650	CF34-3BMTO
Citation Bravo (Cessna 550)	Bravo	PW530A
Citation Encore (Cessna 560)	Encore	PW535A
Citation Encore (Cessna 560)	Encore+	PW535B
Citation Excel (Cessna 560XL)	Excel	PW545A
Citation I (Cessna 500)	500/501 & I/SP	JT15D 1
Citation II (Cessna 550)	550/551	JT15D 4
Citation III (Cessna 650)	III	TFE731 3B-100S
Citation Latitude (Cessna 680A)	Latitude	PW306D
Citation Longitude (Cessna 700)	Longitude	HTF7700L
Citation M2	CM2	FJ44 1AP-21
Citation Mustang (Cessna 510)	Mustang	PW615F
Citation S/II (Cessna S550)	S/II (Williams)	FJ44 3A
Citation S/II (Cessna S550)	S/II	JT15D 4B
Citation Sovereign (Cessna 680)	Sovereign	PW306C
Citation Sovereign (Cessna 680)	Sovereign+	PW306D

Citation Ultra (Cessna 560)	Ultra	JT15D 5D
Citation V (Cessna 560)	V	[NULL]
Citation VI (Cessna 660)	VI	TFE731 3B-100S
Citation VII (Cessna 650)	VII	TFE731 4R-2S
Citation X (Cessna 750)	X	AE 3007 C
Citation X (Cessna 750)	X+	AE 3007 C2
Citation XLS (Cessna 560XLS)	XLS	PW545B
Citation XLS (Cessna 560XLS)	XLS+	PW545C
CitationJet CJ1 (Cessna 525)	CJ1	FJ44 1A
CitationJet CJ1 (Cessna 525)	CitationJet	FJ44 1A
CitationJet CJ1 (Cessna 525)	CJ1+	FJ44 1AP
CitationJet CJ2 (Cessna 525A)	CJ2	FJ44 2C
CitationJet CJ2 (Cessna 525A)	CJ2+	FJ44 3A-24
CitationJet CJ3 (Cessna 525B)	CJ3	FJ44 3A
CitationJet CJ4 (Cessna 525C)	CJ4	FJ44 4A
CL-44	D4	Tyne Ty.12 Mk 515/10
CL-44	O Cargomonster	Tyne Ty.12 Mk 515/10
Convair 580	Super Convair	501-D22G
Convair 600	Freighter	Dart RDa.10 Mk 542-4
Convair 600	Passenger	Dart RDa.10 Mk 542-4
Convair 640	Freighter	Dart RDa.10 Mk 542-4
Convair 640	Passenger	Dart RDa.10 Mk 542-4
CRJ100/200	200 ER / LR	CF34-3B1
CRJ100/200	440	CF34-3B1
CRJ100/200	Challenger CL850	CF34-3B1
CRJ100/200	100 ER / LR	CF34-3A1
CRJ100/200	100PF (Bulk)	CF34-3A1
CRJ100/200	Challenger CL800	CF34-3B1
CRJ100/200	200SF Freighter	CF34-3B1
CRJ100/200	200PF (Bulk)	CF34-3B1
CRJ100/200	CRJ Executive	CF34-3B1
CRJ1000	1000ER NG/1000LR NG	CF34-8C5A1
CRJ700	Challenger CL870	CF34-8C5B1
CRJ700	705	CF34-8C5
CRJ700	700	CF34-8C5B1
CRJ900	ER / LR	CF34-8C5
DC-10	10	CF6-6D
DC-10	30AF (MD-10)	CF6-50C2
DC-10	40I International	JT9D 59A
DC-10	40 Freighter	JT9D 59A
DC-10	15	CF6-50C2F
DC-10	40	JT9D 20
DC-10	30/30ER	CF6-50C
DC-10	30F	CF6-50C2

DC-10	40D Domestic	JT9D 59A
DC-10	10F	CF6-6D
DC-10	10F (M) (MD-10)	CF6-6D
DC-8	52 to -55 (Stage 2 Hushkits)	JT3D 3B
DC-8	61 (Stage 2 Hushkits)	JT3D 3B
DC-8	62F (Stage 2 Hushkits)	JT3D 3B
DC-8	63 (Stage 2 Hushkits)	JT3D 7
DC-8	63F (Stage 2 Hushkits)	JT3D 7
DC-8	63 (Stage 3 hushkits)	JT3D 7
DC-8	51F (Stage 2 Hushkits)	JT3D 3B
DC-8	61 (Stage 3 hushkits)	JT3D 3B
DC-8	63F (Stage 3 hushkits)	JT3D 7
DC-8	52 to -55	JT3D 3B
DC-8	52F to -55F (Stage 2 Hushkits)	JT3D 3B
DC-8	52F to -55F	JT3D 3B
DC-8	61F(M) (Stage 3 hushkits)	JT3D 3B
DC-8	72	CFM56-2C1
DC-8	62F (Stage 3 hushkits)	JT3D 3B
DC-8	51 (Stage 2 Hushkits)	JT3D 3B
DC-8	52F to 55F (Stage 3 Hushkits)	JT3D 3B
DC-8	51F (Stage 3 Hushkits)	JT3D 3B
DC-8	71F	CFM56-2C1
DC-8	61F (Stage 2 Hushkits)	JT3D 3B
DC-8	62 (Stage 3 hushkits)	JT3D 3B
DC-8	72F	CFM56-2C1
DC-8	73F	CFM56-2C1
DC-9	10	JT8D 7
DC-9	10F	JT8D 7
DC-9	30	JT8D 7B
DC-9	30 (Stage 3 hushkits)	JT8D 7B
DC-9	40	JT8D 11
DC-9	30F	JT8D 7B
DC-9	50	JT8D 17
DC-9	51 (stage 3 Hushkits)	JT8D 17
DC-9	10 (Stage 3 hushkits)	JT8D 7
DC-9	30F (Stage 3 hushkits)	JT8D 7B
DC-9	10F (Stage 3 hushkits)	JT8D 7
DC-9	20 (Stage 3 hushkits)	JT8D 11
DC-9	41 (Stage 3 hushkits)	JT8D 11
DHC-5	DHC-5D	CT-64 820
DHC-6	1 / 100	PT6A 20
DHC-6	200	PT6A 20
DHC-6	300 Vista Liner	PT6A 27
DHC-6	400	PT6A 34

DHC-6	300	PT6A 27
DHC-7	7	PT6A 50
DHC-7	7C	PT6A 50
DHC-8	200	PW123D
DHC-8	300	PW123
DHC-8	400C	PW150A
DHC-8	100F (Bulk)	PW120A
DHC-8	300F Bulk Freighter	PW123
DHC-8	400	PW150A
DHC-8	400PF	PW150A
DHC-8	100	PW120A
Dornier 228	200NG	TPE331 10
E170	E1	CF34-8E5
E175	E2	PW1715G
E175	E1	CF34-8E5
E190	E1	CF34-10E5
E190	Lineage 1000	CF34-10E7
E190	E2	PW1919G
E195	E1	CF34-10E5A1
E195	E2	PW1921G
Eclipse 500	Eclipse 500	PW610F
Eclipse 500	Eclipse 550	PW610F
EMB-110	All other variants	PT6A 27
EMB-110	P1	PT6A 34
EMB-110	P2	PT6A 34
EMB-120	120 / 120ER	PW118
ERJ-135	ER	AE 3007 A1/3
ERJ-135	Legacy 650	AE 3007 A2
ERJ-135	LR	AE 3007 A1/3
ERJ-135	Legacy 600	AE 3007 A1P
ERJ-140	LR	AE 3007 A1/3
ERJ-145	LR / LU / LI	AE 3007 A1
ERJ-145	XR	AE 3007 A1E
ERJ-145	ER / EP/ EU	AE 3007 A
ERJ-145	MP	AE 3007 A1/1
ERJ-145	ER / EP/ EU Bulk Freighter	AE 3007 A1
F-27	F / J / J (SCD) / M	Dart RDa.7/2 Mk 529-7E
F-27	F-27, F-27A	Dart RDa.6 Mk 514-7
F-27	F-27B	Dart RDa.6 Mk 511
Falcon 10/100	10	TFE731 2-1C
Falcon 10/100	100	TFE731 2-1C
Falcon 20/200	45066	TFE731 5AR-1C
Falcon 20/200	200	ATF3-6A-4C
Falcon 20/200	E to G	CF700 2D2

Falcon 20/200	C to D	CF700 2D2
Falcon 2000	2000EX EASy	PW308C
Falcon 2000	2000LXS	PW308C
Falcon 2000	2000EX	PW308C
Falcon 2000	2000	CFE738-1-1B
Falcon 2000	2000S	PW308C
Falcon 2000	2000DX	PW308C
Falcon 2000	2000LX	PW308C
Falcon 50	50-4	TFE731 4-1C
Falcon 50	50EX	TFE731 40
Falcon 50	50	TFE731 3-1C
Falcon 6X	Falcon 6X	PW812D
Falcon 7X	7X	PW307A
Falcon 8X	8X	PW307D
Falcon 900	900/A	TFE731 5BR-1C
Falcon 900	900DX	TFE731 60
Falcon 900	900EX	TFE731 60
Falcon 900	900B/C	TFE731 5BR-1C
Falcon 900	900EX EASy	TFE731 60
Falcon 900	900LX	TFE731 60
FH-227	Passenger	Dart RDa.7 Mk 532-7
FH-227	Passenger/freight	Dart RDa.7 Mk 532-7
Fokker 100	100	Tay Mk 650-15
Fokker 50	100	PW125B
Fokker 50	Bulk Freighter	PW125B
Fokker 50	Freighter (LCD)	PW125B
Fokker 70	70	Tay Mk 620-15
Fokker F.27	600	Dart RDa.7 Mk 536-7R
Fokker F.27	500F (no large freight door)	Dart RDa.7 Mk 532-7R
Fokker F.27	400	Dart RDa.7 Mk 536-7R
Fokker F.27	500	Dart RDa.7 Mk 536-7R
Fokker F.27	100 / 700	Dart RDa.6 Mk 514-7
Fokker F.27	300	Dart RDa.6 Mk 514-7
Fokker F.27	200	Dart RDa.7 Mk 532-7
Fokker F.28	1000 / 1000C	Spey Mk 555-15
Fokker F.28	2000	Spey Mk 555-15
Fokker F.28	4000 / 6000	Spey Mk 555-15H
Fokker F.28	3000	Spey Mk 555-15H
G-1159 Gulfstream II	GII / GII-TT	Spey Mk 511-8
G-1159 Gulfstream II	GII-SP (Stage 3 Hushkit)	Spey Mk 511-8
G-1159 Gulfstream II	GII-B	Spey Mk 511-8
G-1159 Gulfstream II	GII-SP	Spey Mk 511-8
G-1159A Gulfstream III	GIII	Spey Mk 511-8
G-1159A Gulfstream III	GIII (Stage 3 Hushkit)	Spey Mk 511-8

G-1159A Gulfstream III	GIII (SCD)	Spey Mk 511-8
G-159 Gulfstream I	Commuter (24 pax configuration)	Dart RDa.7/2 Mk 529-8H
G-159 Gulfstream I	Standard aircraft	Dart RDa.7/2 Mk 529-8H
G-159 Gulfstream I	Freighter	Dart RDa.7/2 Mk 529-8H
Global 5000	5000 (Global Vision)	BR710A2-20
Global 5000	5000	BR710A2-20
Global 5500	5500	Pearl 15
Global 6500	6500	Pearl 15
Global 7500	7500	Passport 20-18BB1A
Global Express / Global 6000	Global Express	BR710A2-20
Global Express / Global 6000	Global XRS	BR710A2-20
Global Express / Global 6000	Global 6000	BR710A2-20
Gulfstream G100 / IAI 1125 Astra	Astra SPX/G100	TFE731 40AR-200G
Gulfstream G100 / IAI 1125 Astra	Astra (1125)	TFE731 3A-200G
Gulfstream G100 / IAI 1125 Astra	Astra SP	TFE731 3C-200G
Gulfstream G150	G150	TFE731 40AR-200G
Gulfstream G200 / IAI Galaxy	G200	PW306A
Gulfstream G280	G280	HTF7250G
Gulfstream G300	G300	Tay Mk 611-8
Gulfstream G350	G350	Tay Mk 611-8C
Gulfstream G400 (Classic)	G400 (Classic)	Tay Mk 611-8
Gulfstream G450	G450	Tay Mk 611-8C
Gulfstream G500	G500	PW814GA
Gulfstream G500 (Classic)	G500 Classic	BR710C4-11
Gulfstream G550	G550	BR710C4-11
Gulfstream G600	G600	PW815GA
Gulfstream G650	G650 / G650ER	BR725
Gulfstream IV	GIV	Tay Mk 611-8
Gulfstream IV	GIV-SP	Tay Mk 611-8
Gulfstream V	GV	BR710A1-10
HA-420 HondaJet	HondaJet Elite	HF-120
HA-420 HondaJet	HondaJet	HF-120
Hawker 400 / Beechjet 400	400NXT	FJ44 3AP
Hawker 400 / Beechjet 400	400XPR	FJ44 4A-32
Hawker 400 / Beechjet 400	400/400A/400XP	JT15D 5
Hawker 4000	4000	PW308A
HS 748	2	Dart RDa.7 Mk 533-2
HS 748	2 (SCD)	Dart RDa.7 Mk 533-2
HS 748	1 / 1A	Dart RDa.6 Mk 514-2
HS 748	Super 2B	Dart RDa.7 Mk 535-2
HS 748	2B (SCD)	Dart RDa.7 Mk 535-2
HS 748	2A	Dart RDa.7 Mk 534-2

HS 748	2A (SCD)	Dart RDa.7 Mk 534-2
HS 748	2B	Dart RDa.7 Mk 535-2
HS 748	Andover	Dart RDa.12 Mk.201
HS125/Hawker	F400	TFE731 3
HS125/Hawker	850XP	TFE731 5BR
HS125/Hawker	1000	PW305B
HS125/Hawker	800A/B	TFE731 5R-1H
HS125/Hawker	400	Viper 522
HS125/Hawker	F1 / F3 / F3RA	TFE731 3
HS125/Hawker	600	Viper 601
HS125/Hawker	700	TFE731 3
HS125/Hawker	900XP	TFE731 50R
HS125/Hawker	1 to 3	Viper 520
HS125/Hawker	F600	TFE731 3
HS125/Hawker	750	TFE731 5BR
HS125/Hawker	800XPR	TFE731 50R
HS125/Hawker	800XP	TFE731 5BR
HS125/Hawker	800XPi	TFE731 5BR
IAI 1121 Jet Commander	All variants	CJ610-1
IAI 1123/1124 Westwind	1124 & 1124A	TFE731 3-1G
IAI 1123/1124 Westwind	1123	CJ610-9
Jetstar (L-1329/L-329)	JetStar II	TFE731 3
Jetstream	1 & 200	Astazou XIV.C1
Jetstream	Riley Jetstream 1 & Century II	TPE331 3U-303V
King Air 200	B200GT	PT6A 52
King Air 200	B200	PT6A 42
King Air 200	250	PT6A 52
King Air 200	260	PT6A 52
King Air 350	350i	PT6A 60A
King Air 350	350	PT6A 60A
King Air 350	350ER	PT6A 60A
King Air 360	King Air 360	PT6A 60A
King Air 90	C90GTx	PT6A 135A
King Air 90	C90B	PT6A 21
King Air 90	C90GT	PT6A 135A
King Air 90	C90GTi	PT6A 135A
L-1011 TriStar	1 (Upgradeable)	RB211-22B
L-1011 TriStar	100	RB211-22B
L-1011 TriStar	150	RB211-22B
L-1011 TriStar	200 Freighter	RB211-524B
L-1011 TriStar	500	RB211-524B4
L-1011 TriStar	1 - C/n 1013 to 1051	RB211-22B
L-1011 TriStar	200	RB211-22B
L-1011 TriStar	1 - C/n 1001 to 1012	RB211-22B

L-1011 TriStar	250	RB211-524B4
L-1011 TriStar	50	RB211-22B
L-188 Electra	C	501-D13
L-188 Electra	All freighters	501-D13
L-188 Electra	A	501-D13
Learjet 23	23	CJ610-1
Learjet 24	24 to 24D	CJ610-4
Learjet 24	24E	CJ610-8A
Learjet 24	24F	CJ610-6
Learjet 25	25D	CJ610-8A
Learjet 25	25G	CJ610-8A
Learjet 25	25 to 25C	CJ610-8A
Learjet 28	28	CJ610-8A
Learjet 29	29	CJ610-8A
Learjet 31	31 and 31A	TFE731 2-3B
Learjet 35	35 and 35A	TFE731 2-2B
Learjet 36	36 and 36A	TFE731 2-2B
Learjet 40	40XR	TFE731 20BR
Learjet 40	40	TFE731 20AR
Learjet 45	45	TFE731 20
Learjet 45	45XR	TFE731 20BR
Learjet 55	55 to 55C	TFE731 3A-2B
Learjet 60	60 / 60SE / 60XR	PW305A
Learjet 70	70	TFE731 40-BR
Learjet 75	75 Liberty	TFE731 40-BR
Learjet 75	75	TFE731 40-BR
Legacy 450	450	HTF7500E
Legacy 500	500	HTF7500E
MD-11	F / CF	CF6-80C2D1F
MD-11	Passenger / ER / Combi	CF6-80C2D1F
MD-11	F (ex combi)	CF6-80C2D1F
MD-80	81	JT8D 217
MD-80	82	JT8D 217A
MD-80	82SF	JT8D 219
MD-80	83	JT8D 219
MD-80	87	JT8D 217C
MD-80	88SF	JT8D 219
MD-80	88	JT8D 219
MD-80	83SF	JT8D 219
MD-90	30	V2525-D5
Merlin IV/Metro	I, II, IIA	TPE331 3UW-303G
Merlin IV/Metro	Expediter I	TPE331 11U-601G
MU300	All Variants	JT15D 4D
Nomad	N22 & N22B	250-B17B

Nomad	N24, N24A & GA18	250-B17B
Nord 262	All 262s	Bastan VI-C
One-Eleven	475	Spey Mk 512-14DW
One-Eleven	400	Spey Mk 511-14
One-Eleven	200	Spey Mk 506-14
One-Eleven	300	Spey Mk 511-14
One-Eleven	500	Spey Mk 512-14DW
PC-12	41 / 45 / 47	PT6A 67B
PC-12	NG	PT6A 67P
PC-12	NGX	PT6E 67XP
PC-24	PC-24	FJ44 4A
Phenom 100	100	PW617F-E
Phenom 300	300	PW535E
Praetor 500	500	HTF7500E
Praetor 600	600	HTF7500E
Premier I	Premier 1	FJ44 2A
RJ	RJ70	LF507 1F
RJ	RJ85	LF507 1F
RJ	RJ100	LF507 1F
Saab 340	A Cargo	CT7-5A2
Saab 340	A	CT7-5A2
Saab 340	B	CT7-9B
Saab 340	B Cargo	CT7-9B
Sabreliner	65	TFE731 3-1D
Sabreliner	60/60A	JT12A 8
Sabreliner	75/75A/80A	CF700 2D2
Sabreliner	40	JT12A 8
SC.5 Belfast	All	Tyne Ty.12 Mk 515/101W
SC.7 Skyvan	3	TPE331 2-201A
Short 360 (SD3-60)	C-23B Plus (Sherpa)	PT6A 65AR
SJ30	2	FJ44 2C
SpaceJet	SpaceJet M90	PW1217G
VFW-614	All variants	M45H Mk 501
Viscount	710	Dart RDa.3 Mk 506
Viscount	710D	Dart Series
Viscount	800	Dart RDa.6 Mk 510
Viscount	810	Dart RDa.7/2 Mk 530
YS-11	Series 100	Dart RDa.10 Mk 542-10
YS-11	Series 500	Dart RDa.10 Mk 542-10
YS-11	Series 400	Dart RDa.10 Mk 542-10
YS-11	Series 600	Dart RDa.10 Mk 542-10
YS-11	Series 500F	Dart RDa.10 Mk 542-10
YS-11	Series 200	Dart RDa.10 Mk 542-10
YS-11	Series 300	Dart RDa.10 Mk 542-10

