
Aircraft Performance Profiles



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2. Overview

This manual contains a list of all available Aircraft Performance Profiles for each aircraft type accessible in Skyplan's Flight Planning System. They have all been grouped by manufacturer. This manual complements the Generic Aircraft Database manual.

To request a flight plan with any one of these aircraft listed, use the system identification code (ID) as the Aircraft ID.

Abbreviations:

The following define the abbreviations used in this manual:

TYPE:	Aircraft Type
SERIES:	Aircraft Series (Manufacturer)
ENGINES:	Engine Type
UNITS:	KGS or LBS
LRC:	Long Range Cruise
STD:	Standard (fixed Mach)
Mach # Range:	Range of available Standard fixed Mach profiles

Performance Profiles:

1EO:	1 Engine Out
2EO:	2 Engines Out
20K:	200KIAS
22K:	220KIAS
23K:	230KIAS
25K:	250KIAS
27K:	270KIAS
28K:	280KIAS
29K:	290KIAS
30K:	300KIAS
31K:	310KIAS
32K:	320KIAS
35K:	350KIAS
C30:	Cost Index 30
C65:	Cost Index 65
ECO:	Economy Cruise
EXP:	Experimental
HSC:	High Speed Cruise
INT:	Intermediate Cruise
L09:	LRC 900RPM
L10:	LRC 1000RPM
L11:	LRC 1100RPM
L12:	LRC 1200RPM
LAC:	Low Altitude Cruise
LG1:	Landing Gear Extended 1EO
LGE:	Landing Gear Extended
LR1:	LRC No Hold
LSC:	Low Speed Cruise
MAX:	Max Cruise
MC3:	Max Continuous RPM 900
MCP:	Max Cruise Power

MCR: Max Cruise Range
MEC: Max Endurance Cruise
MRC: Max Range Cruise
MRP: Max Range Power
NCP: Normal Cruise Power
YDI: Yaw Damper Inoperative

3. Manufacturers

- Aermacchi (SIAI-Marchetti)
- Aerospatial (ATR)
- Aero-Vodochody
- Agusta Westland
- Airbus Industries
- Antonov
- Beech Aircraft Corp.
- Bell Helicopters
- Boeing
- British Aerospace Engineering
- Canadair Ltd, Canada
- CASA / IPTN / Airtech
- Cessna Aircraft Co.
- Cirrus Design
- Commander Premier Aircraft Corporatio
- Convair
- Dassault-Berguet, France
- DeHaviland Aircraft of Canada Ltd.
- Diamond Aircraft
- Dornier
- EADS Socata
- Eclipse Aviation
- Embraer
- Eurocopter
- Fairchild Industries Inc.
- Fokker B.V., Nederland
- Gates Learjet Corporation
- Gulfstream Aerospace, USA
- Ilyushin, C.I.S.
- Israeli Aircraft Corp.
- Lancair
- Lockheed Corp. U.S.A.

- McDonnell Douglas Corporation/Boeing
- Mitsubishi
- Mooney Airplane Company
- Partenavia
- Piaggio Aero
- Pilatus
- Piper
- Quest Aircraft Company
- Rockwell
- Saab-Scania AB, Sweden
- Shorts Brothers
- Sikorsky
- Tupolev, C.I.S.
- Vulcanair Aircraft



Manufacturer: Aermacchi (SIAI-Marchetti)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	INT	MCP	MRC	NCP
							Range						
SF260	SF260	O-540-E4A5	LBS	L928	X		-		X	X	X	X	X

Manufacturer: Aerospatial (ATR)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	LGE	MAX
							Range				
ATR42	300	PW121	KGS	K061	X		-		X	X	X
ATR42	400	PW127E	KGS	K062	X		-		X	X	X
ATR42	500	PW127E	KGS	K063	X		-		X	X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	LGE	MAX
							Range				
ATR72	210	PW127	LBS	L060	X		-				
ATR72	500	PW127F	KGS	K064			-				X
ATR72	600	PW127M	LBS	L065			-				X
ATR72	600	PW127M	LBS	K065			-				X
ATR72	600	PW127F	LBS	L066			-				X
ATR72	600	PW127F	LBS	K066			-				X

Manufacturer: Aero-Vodochody



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	MCP	LGE	MRC	NCP
							Range					
L39	C	AI-25TL	LBS	K940	X	X	50					
L39	C	AI-25TL	KGS	L940	X	X	50					

Manufacturer: Agusta Westland



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	MRC
AW139	139	PT6C-67C	KGS	K965	X		-	X
AW139	139	PT6C-67C	LBS	L965	X		-	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	MRC
A109S	GRAND	PW207C	KGS	K964	X		-	
A109S	GRAND	PW207C	LBS	L964	X		-	

Manufacturer: Airbus Industries



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	C65
							Range			
A300	203	CF6-50C2	KGS	K001	X	X	78-82			
A300	203	CF6-50C2	LBS	L001	X	X	80-82			
A300	600	PW4158	KGS	K005	X	X	76-82			
A300	600	PW4158	LBS	L005	X	X	76-82			
A300	B4	CF6-50C1	KGS	K010	X	X	76-82			
A300	B4	CF6-50C1	LBS	L010	X	X	76-82			
A300	B4	JT9D-59A	KGS	K011	X		-			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	C65
							Range			
A310	300	CF6-80	KGS	K020	X	X	77-80			
A310	300	CF6-80	LBS	L020	X	X	80			
A310	300	CF6-80C2	KGS	K021	X	X	79-81			
A310	300	CF6-80C2A2	KGS	K022	X	X	77-80			
A310	300	CF6-80C2A2	LBS	L022	X	X	70-80			
A310	300	PW4152	KGS	K023	X	X	78-82			
A310	300	PW4152	LBS	L023	X	X	78-82			
A310	300	PW7R4E1	KGS	K024	X	X	80-81			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	C65
							Range			
A319	131	V2522-A5	KGS	K027	X	X	78	X		
A319	132	V2524-A5	LBS	L028	X		-			X
A319	ACJ	V2527M-A5	KGS	K029	X	X	78	X		



Manufacturer: Airbus Industries (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	C65
							Range			
A320	200	CFM56-5A1	KGS	K030	X	X	78	X		
A320	200	CFM56-5-A3	KGS	K032	X	X	78			
A320	200	V2500-A1	KGS	K031	X	X	78			
A320	200	V2500-A1	LBS	L031	X	X	78			X
A320	214	CFM56-5B4	KGS	K033	X	X	78	X		
A320	231	V2500-A1	LBS	L035	X		-			X
A320	231	V2500-A1B	LBS	L036	X		-			X
A320	232	V2527-A5	KGS	K034	X	X	78	X		
A320	232	V2527-A5	LBS	L040	X		-			X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	C65
							Range			
A321	100	V2530-A5	KGS	K035	X	X	76-82			
A321	200	CFM56-5B3	KGS	K036	X	X	78			
A321	200	V2533-A5	KGS	K037	X	X	78			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	C65
							Range			
A330	223	PW4168A	KGS	K039	X	X	80-84			
A330	300	PW4168	KGS	K040	X	X	82			
A330	301	CF6-80E1A2	KGS	K041	X	X	76-86	X		
A330	301	PW4168	KGS	K042	X	X	82			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	C65
							Range			
A340	212	CF56-5C3	KGS	K050	X	X	81			
A340	311	CFM56-5C2	KGS	K052	X	X	78-86	X	X	
A340	311	CFM56-5C2	LBS	L052	X	X	78-86	X	X	
A340	313	CFM56-5C4E	KGS	K053	X	X	78-86			
A340	313E	CFM56-5C4E	KGS	K051	X	X	78-86	X		

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Manufacturer: Antonov

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	HSC	INT	MRC
							Range			
AN12		AI-20D	KGS	K580	X		-	X	X	X
AN38	120	TPE331-14G	KGS	K581	X			X		X
AN74	300	DF36-4A	KGS	K582	X			X		



Manufacturer: Beech Aircraft Corp.

TYPE	SERIES	ENGINES	UNIS	ID	LRC	STD	Mach #		1EO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range									
BE10	A100	PT6A-28	LBS	L769	X		-			X					X	X

TYPE	SERIES	ENGINES	UNIS	ID	LRC	STD	Mach #		1EO	20K	HSC	RCP	MAX	MCP	MRC	NCP
							Range									
BE20	A200	PT6-41	LBS	L507	X		-				X			X		X
BE20	B200	PT6-42	LBS	L508	X		-							X		X
BE20	B200	PT6A-60A	LBS	L504	X		-	X						X	X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range									
BE33	F33A	IO520	LBS	L770	X		-				X			X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range									
BE36	A36	IO550B	LBS	L498	X		-			X					X	
BE36	G36	IO-550-B	LBS	L778			-	X						X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range									
BE40	400A	JT15D-5	LBS	L515	X	X	73		X		X					

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range									
BEECH	58	IO520	LBS	L499	X		-				X	X			X	
BEECH	G58	IO-550-C	LBS	L777			-	X						X		X



Manufacturer: Beech Aircraft Corp. (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	20K	HSC	INT	MAX	MCP	MRP	NCP
							Range								
BE90	B90	PT6A-20	LBS	L500	X		-								
BE90	C90	PT6A-20	LBS	L760			-						X	X	
BE90	C90	PT6A-20A21	LBS	L761			-						X	X	
BE90	C90	PT6A-21	LBS	L762			-	X					X	X	
BE90	C90A	PT6A-135A	LBS	L776			-	X					X	X	
BE90	C90GT	PT6A-135A	LBS	L763			-	X					X	X	
BE90	C90GTi	PT6A-135A	LBS	L764			-	X					X	X	
BE90	C90GTx	PT6A-135A	LBS	L775			-	X					X	X	
BE90	E90	PT6A-28	LBS	L765			-						X	X	
BE90	F90	M601E-11A	LBS	L501			-						X	X	
BE90	F90	PT6A-135	LBS	L766			-						X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range								
BE100	B100	TPE331-6	LBS	L512	X		-	X		X					

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	20K	HSC	INT	MAX	MCP	MRP	NCP
							Range								
BE200	B200GT	PT6A-52	LBS	L772			-						X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	20K	N17	N18	MC7	MC8	MRP	NCP
							Range								
BE250	B250	PT6A-52	LBS	L785			-	X		X	X	X	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	MRP	MCP	MEC	MAX	MCP	MRC	NCP
							Range								
BE350	B300	PT6A-42	LBS	L768			-						X		
BE350	B300	PT6A-60A	LBS	L509	X		-					X		X	X
BE350	B300C	PT6A-42	LBS	L767			-						X		
BE350	B300C	PT6A-60A	LBS	L510	X		-					X		X	X
BE350	B300P	PT6A-60A	LBS	L502	X		-					X		X	X
BE350	B300S	PT6A-60A (Super King Air 300)	LBS	L784			-	X					X	X	X
BE350	350ER	PT6A-60A	LBS	L782			-		X	X	X				X



Manufacturer: Beech Aircraft Corp. (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range									
BE390	1A	FJ44-2A	KGS	K514	X		-		X		X					
BE390	1A	FJ44-2A	LBS	L514	X		-		X		X					
BE390	390-2	FJ44-3AP	LBS	L783	X	X	72 - 75				X				X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	20K	HSC	INT	MAX	MCP	MRC	LGE
							Range									
BE400	400XP	JT15D-5R	LBS	L773	X	X	73		X		X					X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	20K	HSC	INT	MAX	MCP	MRC	LGE
							Range									
BE1900C	B190	PT6A-65B	LBS	L505	X		-			X	X					
BE1900D	B190	PT6A-67D	LBS	L774	X		-			X	X	X				
BE1900D	B190	PT67D	LBS	L503	X		-	X			X	X				
BE1900D	B190	PT6A	LBS	L506	X		-			X	X	X				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	20K	HSC	INT	MAX	MCP	MRC	NCP
							Range									
AT6	B	PT6A-68	LBS	L779	X		-									
T6	A	PT6A-68	LBS	L771	X		-									
T6	B	PT6A-68	LBS	L780	X		-									
T6	C	PT6A-68	LBS	L781	X		-									

Manufacturer: Bell Helicopters

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	MRC	NCP	MAX	MEC
							Range						
B206	B-3	ALLISON250	LBS	L925	X		-						

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	MRC	NCP	MAX	MEC
							Range						
B412	HP	PT6T-DF	LBS	L926	X		-						



Manufacturer: Boeing

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	25K	31K	35K	C65	LAC	LG1	LGE	MAX	YDI
							Range											
B707	320B	JT3D-3	KGS	K100	X	X	77-84											
B707	320B	JT3D-3	LBS	L100	X													
B707	320B	JT3D-3B1C	KGS	K101	X	X	79-83											
B707	320C	JT3D-7	KGS	K105	X	X	81-84											
B707	320C	JT3D-7	LBS	L105	X	X	81-84											
B707	321B	JT3D-3	KGS	K110	X	X	80-84											
B707	321B	JT3D-3	LBS	L110	X	X	80-84											

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	25K	31K	C25	C65	LAC	LG1	LGE	MAX	YDI
							Range											
B717	200	BR700-715A	LBS	L115	X	X	72-80											
B717	200	BR700-715C	LBS	L116	X	X	76					X						

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	25K	31K	35K	C65	LAC	LG1	LGE	MAX	YDI
							Range											
B727	100	JT8D-7	KGS	K120	X	X	80-84											
B727	100	JT8D-7	LBS	L120	X	X	76-84	X										
B727	100	JT8D-7B	LBS	L118	X	X	79-84	X						X		X		X
B727	100	JT8D-7Q	LBS	L123	X	X	76-84											X
B727	100	JT8D-9A	KGS	K124	X	X	80-82											
B727	100	JT8D-9A	LBS	L124	X	X	80-84										X	
B727	100QF	TAY651-54	LBS	L121	X	X	78-82											
B727	100W	JT8D-217C	LBS	L119	X	X	79-87	X		X				X				
B727	200	JT8D-15	LBS	L125	X	X	80-84	X								X		X
B727	200	JT8D-15A	LBS	L126	X	X	75-82	X										
B727	200	JT8D-15AQ	LBS	L930	X	X	75-82	X	X									
B727	200	JT8D-15Q	LBS	L931	X	X	80-84	X		X	X			X		X		X
B727	200	JT8D-17	KGS	K127	X	X	79-84											
B727	200	JT8D-17	LBS	L127	X	X	79-84	X										
B727	200	JT8D-17A	LBS	L128	X	X	75-82											
B727	200	JT8D-17AQ	LBS	L133	X	X	75-82											
B727	200	JT8D-17Q	LBS	L132	X	X	79-84											
B727	200	JT8D-17QW	LBS	L136	X	X	80-87		X									



Manufacturer: Boeing (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	25K	31K	35K	CEO	LAC	LG1	LGE	MAX	YDI
							Range											
B727	200	JT8D-217	LBS	L134	X	X	79-86	X	X									
B727	200	JT8D-217C	LBS	L129	X	X	80-87											
B727	200	JT8D-7	LBS	L130	X	X	80	X										
B727	200	JT8D-9	LBS	L131	X	X	80-86	X						X		X	X	X
B727	276	JT8D-15	KGS	K135	X	X	79-82											
B727	276	JT8D-15	LBS	L135	X	X	80-82											
S27	100W	JT8D217C-7	LBS	L932	X	X	80-87	X		X				X				
S27	100W	JT8D217C-9	LBS	L934	X	X	79-84	X		X	X		X					X
S27	200W	JT8D217C17	LBS	L933	X	X	79-84	X		X	X		X					X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	21K	25K	30K	35K	C65	LAC	LG1	LGE	MAX	YDI
							Range											
B737	100	JT8D-7	LBS	L150	X	X	72-78											
B737	200	JT8D-15	KGS	K155	X	X	72-78											
B737	200	JT8D-15	LBS	L155	X	X	72-78											
B737	200	JT8D-17	KGS	K156	X	X	72-78					X				X		
B737	200	JT8D-17	LBS	L156	X	X	65-78	X								X		
B737	200	JT8D-9	KGS	K157	X	X	72-78											
B737	200	JT8D-9	LBS	L157	X	X	65-78	X								X		
B737	200A	JT8D15HUSH	LBS	L159	X		-						X					
B737	2X6C	JT8D-17A	LBS	L158		X	70-78											
B737	300	CFM56-3-B1	KGS	K163	X	X	75	X			X		X					
B737	300	CFM56-3-B1	LBS	L163	X		-						X					
B737	300	CFM56-3B2	KGS	K165	X	X	74-78											
B737	300	CFM56-3B2	LBS	L165	X	X	74-78											
B737	300	CFM56-3B-2	LBS	L164	X		-						X					
B737	300	CFM56-3B20	KGS	K161	X	X	74	X								X		
B737	300	CFM56-3B22	KGS	K162	X	X	74	X								X		
B737	300W	CFM56-3-B1	LBS	L167	X	X	65-79	X	X	X	X							
B737	300W	CFM56-3-B2	LBS	L168	X	X	65-79	X	X	X	X							
B737	376	CFM56-3B2	KGS	K166	X	X	74-78	X										
B737	376	CFM56-3B2	LBS	L166	X	X	74-78											



Manufacturer: Boeing (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	28K	29K	30K	31K	C30	LG1	LGE	MAX	YDI
							Range											
B737	400	CFM56-3-22	LBS	L285	X	X	74	X								X		
B737	400	CFM56-3-24	LBS	L169	X	X	74	X								X		
B737	400	CFM56-3B2	KGS	K170	X	X	74-78											
B737	400	CFM56-3C1	KGS	K171	X	X	74-78											
B737	400	CFM56-3C1	LBS	L171	X	X	74	X		X	X		X			X		
B737	400	CFM56-3C22	KGS	K173	X	X	74	X		X	X		X			X		
B737	476	CFM56-3C1	KGS	K172	X	X	74-78											
B737	500	CFM56-3C1	KGS	K180	X	X	74-78											
B737	500	CFM56-3C1	LBS	L180	X	X	74-78											
B737	500	CFM56-3-20	LBS	L287	X	X	74	X								X		
B737	500W	CFM56-3-20	LBS	L175	X	X	74	X		X	X		X			X		
B737	700	CFM56-7B20	KGS	K181	X	X	72-82	X								X		
B737	700	CFM56-7B20	LBS	L181	X	X	77-82	X								X		
B737	700	CFM56-7B22	KGS	K182	X	X	72-82	X		X						X		
B737	700	CFM56-7B22	LBS	L182	X	X	72-82	X						X		X		
B737	700	CFM56-7B24	KGS	K183	X	X	74-79											
B737	700	CFM56-7B24	LBS	L183	X	X	74-79	X								X		
B737	700W	CFM56-7B22	KGS	K179	X	X	79	X										
B737	700W	CFM56-7B22	LBS	L179	X	X	65-82			X		X		X		X		
B737	700W	CFM567B24A	KGS	K286	X	X	72-82	X		X						X		
B737	800	CFM56-7B24	KGS	K184	X	X	74-79											
B737	800	CFM56-7B26	KGS	K185	X	X	74-79											
B737	800	CFM56-7B26	LBS	L185	X	X	79	X										
B737	800	CFM56-7B27	KGS	K282	X	X	74-79	X								X		
B737	800W	CFM56-7B24	KGS	K279	X	X	72-82	X								X		
B737	800W	CFM56-7B24	LBS	L279	X	X	79	X							X	X		
B737	800W	CFM56-7B26	KGS	K280	X	X	79	X							X	X		
B737	800W	CFM56-7B26	LBS	L280	X	X	79	X							X	X		
B737	800W	CFM56-7B27	KGS	K281	X	X	79	X							X	X		
B737	800W	CFM56-7B27	LBS	L281	X	X	79	X							X	X		
B737	900	CFM56-7B26	KGS	K188	X	X	79	X								X		



Manufacturer: Boeing (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	30K	32K	34K	35K	C30	LG1	LGE	MAX	YDI
							Range											
B737	BBJW	CFM56-7B24	KGS	K186	X	X	80	X								X		
B737	BBJW	CFM56-7B26	KGS	K187	X	X	80	X								X		
B737	BBJW	CFM56-7B27	KGS	K189	X	X	80	X								X		
B737	BBJW	CFM56-7B27	LBS	L189	X	X	72-82	X						X				
B737	BBJ2	CFM56-7B26	LBS	L283	X	X	72-82	X						X				
B737	BBJ2	CFM56-7B27	LBS	L284	X	X	72-82	X						X				

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	30K	32K	34K	35K	LAC	LG1	LGE	MAX	YDI
							Range											
B747	100	JT9D-7A	LBS	L192	X	X	82-86											
B747	100	JT9D-7F	KGS	K190	X	X	80-90											
B747	100	JT9D-7F	LBS	L190	X	X	80-90											
B747	100	JT9D-7FW	LBS	L191	X	X	84											
B747	200	CF6-50E1	KGS	K195	X	X	84											
B747	200	CF6-50E1	LBS	L195	X	X	80-90											
B747	200	CF6-50E2	KGS	K199	X	X	84-88	X	X				X		X	X		
B747	200	JT9D-7J	KGS	K196	X	X	84											
B747	200	JT9D-7J	LBS	L196	X	X	84											
B747	200	JT9D-7Q	KGS	K197	X	X	84-88											
B747	200	JT9D-7Q	LBS	L197	X	X	84-88	X										
B747	200	RB211-524D4	KGS	K200	X	X	84-88							X	X	X		
B747	200F	JT9D-7R4G2	KGS	K198	X	X	84-88											
B747	200F	JT9D-7R4G2	LBS	L198	X	X	84-88											
B747	300	CF6-50E2	KGS	K206	X	X	82-87	X	X				X		X	X		
B747	300	CF6-50E2	LBS	L206	X	X	82-87	X								X		
B747	300	JT9D-7R4G2	KGS	K205	X	X	84-88											
B747	300	JT9D-7R4G2	LBS	L205	X	X	84-88											
B747	400	CF680C2B1F	KGS	K211	X	X	86	X		X	X	X	X		X	X		
B747	400	PW4056	LBS	K210	X	X	85-86											
B747	400	PW4056	KGS	L210	X	X	86											
B747	SP	JT9D-7J	KGS	K215	X	X	85-88											
B747	SP	JT9D-7J	LBS	L215	X	X	85-88											



Manufacturer: Boeing (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	29K	31K	33K	C65	LAC	LG1	LGE	MAX	YDI
							Range											
B757	200	PW2037	KGS	K220	X	X	80											
B757	200	PW2037	LBS	L220	X	X	78-84											
B757	200	PW2040	KGS	L221	X	X	78-84											
B757	200	PW2040	LBS	K221	X	X	80-83											
B757	200	RB211535C	KGS	K222	X	X	80											
B757	200	RB211535E4	KGS	K223	X	X	80-82											
B757	200	RB211535E4	LBS	L223	X	X	80						X					
B757	200R	RB211535E4	LBS	L224	X	X	80											
B757	232	PW2037	LBS	L225	X	X	80	X		X	X	X			X	X		
B757	300	RB211535E4	KGS	K226	X	X	80	X		X	X	X			X	X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	25K	31K	35K	C65	LAC	LG1	LGE	MAX	YDI
							Range											
B767	100	JT9D-7R4D	KGS	K230	X	X	80											
B767	200	CF6-80A2	KGS	K235	X	X	80											
B767	200	CF6-80C2B2	KGS	K234	X	X	77-82	X								X		
B767	200	CF6-80C2B4	KGS	K236	X	X	80											
B767	200	JT9D-7R4D	KGS	K237	X	X	80											
B767	200	JT9D-7R4D	LBS	L237	X	X	80											
B767	222ET	JT9D-7R4D	LBS	L240	X	X	80	X							X	X		
B767	200	JT9D-7R4DB	LBS	L241	X	X	80	X							X	X		
B767	200	JT9D-7R4E	KGS	K238	X	X	80											
B767	200	PW4056	KGS	K239	X	X	80											
B767	200	PW4056	LBS	L239	X	X	80											
B767	300	CF6-80-2B6	LBS	L242	X	X	80											
B767	300	PW4060	KGS	K244	X	X	80-82	X								X		
B767	332ER	PW4060	KGS	K245	X	X	80-83											
B767	332ER	PW4060	LBS	L245	X	X	80-83											



Manufacturer: Boeing (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	25K	31K	35K	C65	LAC	LG1	GDN	MAX	YDI
							Range											
B777	200	PW4090	KGS	K260	X	X	84-86											
B777	200	PW4090	LBS	L260	X	X	84-86	X										
B777	200ER	GE90-94B	KGS	K262	X	X	84-84	X								X		
B777	300ER	GE90-115BL	KGS	K261	X	X	84-84	X								X		

Manufacturer: British Aerospace Engineering



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	2EO	HSC	INT
							Range					
BA31		TPE331	LBS	L470	X		-				X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	2EO	HSC	INT
							Range					
BA32	3200	TPE331-12	LBS	L471	X		-				X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	2EO	HSC	INT
							Range					
BA41	4100	TPE331-14	KGS	K472	X		-				X	
BA41	4100	TPE331-14	LBS	L472	X		-				X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	2EO	HSC	INT
							Range					
BA111	500	RR512-14DW	KGS	K475	X		-					
BA111	500	RR512-14DW	LBS	L475	X		-					

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	2EO	HSC	INT	MAX
							Range						
BA146	200	ALF-502R3	KGS	K485	X		-					X	
BA146	200	ALF-502R3	LBS	L485	X		-					X	
BA146	200	ALF502-R5	KGS	K486	X		-	X	X	X	X		
BA146	200	ALF502-R5	LBS	L486	X		-	X	X	X	X		
BA146	RJ85A	LF507-1F	LBS	L482	X	X	70	X	X				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	2EO	HSC	INT
							Range					
BAATP	ATP	PW124	LBS	L480	X		-					

Manufacturer: British Aerospace Engineering (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	LEO	MAX	HSC	INT	LGE
							Range					
HS125	400	TF37313R1H	LBS	L487	X		-			X		
HS125	400A	TFE731-3A	LBS	L488	X		-			X		
HS125	600	RR522	LBS	L489	X		-	X		X	X	
HS125	700	TFE7315R1H	LBS	L490	X		-	X		X		
HS125	750	TFE731-5BR	LBS	L874	X		-	X		X	X	X
HS125	800	TFE7315R1H	KGS	K491	X		-	X		X	X	
HS125	800	TFE7315R1H	LBS	L491	X		-	X		X	X	
HS125	800A	TFE731	LBS	L875	X		-	X	X		X	
HS125	800SP	TFE731	LBS	L494	X		-	X		X	X	
HS125	800XP	TFE731-5BR	LBS	L492	X		-			X	X	
HS125	800XP2	TFE731-5BR	LBS	L870	X		-	X		X	X	
HS125	850XP	TFE731-5BR	LBS	L873	X		-	X		X	X	
HS125	900XP	TFE731-50R	LBS	L871	X		-	X		X	X	X
HS125	1000	PW305	LBS	L493	X		-			X		
HS125	4000	PW308A	LBS	L872	X	X	72 - 84	X	X	X	X	X
U125	A	TFE7315R1H	LBS	L876	X			X		X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	LEO	MAX	HSC	INT	LGE
							Range					
HS748	2A	RR532-2L	LBS	L495	X		-					

Manufacturer: Canadair Ltd, Canada



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	28K	30K	32K	L09	L10	L11	L12	LGE	MAX
							Range											
BD100	1A10	HTF7000	KGS	K546	X	X	75-83	X	X	X	X	X						X
BD100	1A10	HTF7000	LBS	L546	X	X	75-82	X	X	X	X	X						X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
BD700	1A10	BR710A2-20	LBS	L545	X	X	80-88	X	X	X	X							
BD700	1A11	BR710A2-20	KGS	K611	X	X	80-88	X	X	X	X							
BD700	1A11	BR710A2-20	LBS	L611	X	X	80-88	X	X	X	X							

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL44	D4	RR515-10	LBS	L535	X		-											

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL215	P	R2800	LBS	L830	X		-											

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL415	A	PW123AF	LBS	L536	X		-					X	X	X	X	X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL600	1A11	ALF502-L2	LBS	L530	X	X	70-80											
CL600	2A12	ALF502-L2C	LBS	L531	X	X	71-80											

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL601	2B16	CF34-3A	LBS	L533	X	X	71-80	X										

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL604	2B16	CF34-3B	LBS	L537	X	X	72-82	X									X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL605	2B16	CF34-3B	LBS	L608	X	X	72-82	X	X	X	X						X	X

Manufacturer: Canadair Ltd, Canada (Continued)



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MRC
							Range											
CL850	2B19	CF34-3B1	KGS	K609	X	X	70-80	X	X	X	X						X	
CL850	2B19	CF34-3B1	LBS	L609	X	X	70-80	X	X	X	X						X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MAX
							Range											
CRJ1	2B19	CF34-3A1	KGS	K532	X	X	70-80											
CRJ1	2B19	CF34-3A1	LBS	L532	X	X	70-80	X										

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MAX
							Range											
CRJ2	2B19	CF34-3B1	KGS	K534	X	X	70-80											
CRJ2	2B19	CF34-3B1	LBS	L534	X	X	70-80	X										

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	LGE	MAX
							Range											
CRJ9	2D24	CF34-8C5	KGS	K610	X	X	70-82	X	X	X	X						X	
CRJ9	2D24	CF34-8C5	LBS	L610	X	X	70-82	X	X	X	X						X	

Manufacturer: CASA / IPTN / Airtech

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	LGE	MEC	NCP
							Range						
C212	200	TPE331-10R	KGS	K899	X		-		X			X	
C212	200	TPE331-10R	LBS	L899	X		-		X			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	LGE	MEC	NCP
							Range						
CN235	10	CT7-7A	KGS	K900	X		-						



Manufacturer: Cessna Aircraft Co.

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
C172	N	O-320-H2AD	LBS	L706	X		-		X	X		X
C172	NFLTS	O-320-H2AD	LBS	L707	X		-		X	X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
C182	RG	O-540	LBS	L709	X		-		X	X		X
C182	S	IO-540	LBS	L708	X		-			X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
C185	F	IO-520-D	LBS	L736	X		-					
C185	FFLTS	IO-520-D	LBS	L737	X		-					
C185	FAMPHI	IO-520-D	LBS	L738	X		-					
C185	FSKIS	IO-520-D	LBS	L739	X		-					
C185	FCRGO	IO-520-D	LBS	L740	X		-					

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
C206	F	IO-520F	KGS	K705	X		-		X	X		X
C206	F	IO-520F	LBS	L705	X		-		X	X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
C208	600S	PT6A-114	LBS	L733	X		-		X	X		
C208	675C	PT6A-114A	LBS	L712	X		-		X			X
C208	675F	PT6A-114A	LBS	L713	X		-		X			X
C208	675S	PT6A-114A	LBS	L711	X		-		X			X
C208	B-POD	PT6A-114A	LBS	L728	X		-		X			X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
C210	L	IO550TI	LBS	L516	X		-		X	X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
P337	H	TSIO-360CB	LBS	L731	X		-		X	X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C402	B	TSIO-520	LBS	L517	X		-			X			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C414	414	TSIO-520	LBS	L729	X		-			X	X		X

Manufacturer: Cessna Aircraft Co. (Continued)



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C421	C	GTSIO-520L	LBS	L710	X		-			X	X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C425	I	PT6-112	LBS	L725			-					X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C441	II	TPE331	LBS	L718	X		-					X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C500	I	JT15D-1	LBS	L518	X		-			X			X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C501	I	JT15D-1A	LBS	L519	X	X	33-60			X			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C510	MSTNG	PW615F	LBS	L723	X				X			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	LGE
							Range						
C525	CJ1P	FJ44-1AP	LBS	L724	X		-		X			X	
C525	CJ2	FJ44-2C	LBS	L717	X		-			X			
C525	CJ2P	FJ44-3A-24	LBS	L720	X					X			
C525	CJ3	FJ44-3A	LBS	L715	X		-			X			

C525	CJ4	FJ55-4A	LBS	L735	X			X			X	X
C525	JET	FJ44-1A	LBS	L529	X		-	X			X	

Manufacturer: Cessna Aircraft Co. (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C550	BRAVO	PW530A	LBS	L520	X		-		X			X	
C550	II	JT15D-4	LBS	L521	X		-			X			
C550	S2	JT15D-4B	LBS	L714	X		-					X	
S550	S2	FJ44-3A	LBS	L734	X					X			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C551	II/SP	JT15D-4	LBS	L726	X		-		X			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C560	ENCOR	PW535A	LBS	L525	X		-					X	
C560	ULTRA	JT15D-5D	LBS	L524	X		-					X	
C560	V	JT15D5A	LBS	L721	X				X			X	X
C560	V	JT15D-5B	LBS	L522	X		-			X			
C560	XL	PW545A	LBS	L523	X	X	65		X			X	
C560	XLS	PW545B	LBS	L719	X				X			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C650	III	TFE73138	LBS	L527	X		-		X	X			
C650	VI	TFE731-3B	LBS	L727	X				X			X	
C650	VII	TFE731-4R	LBS	L722	X				X			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
C680	SOVGN	PW306C	LBS	L716	X		-		X	X		X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	LGE
							Range						
C750	X	AE3007C	LBS	L528	X	X	80-92		X			X	
C750	X	AE3007C-1	LBS	L730	X	X	78-86		X			X	X
C750	X-W	AE3007C-1	LBS	L732	X	X	78-87		X			X	X



Manufacturer: Cessna Aircraft Co. (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	INT	MAX	MRC
							Range					
P210	N	TSIO-520-P	LBS	L526	X		-		X	X		X



Manufacturer: Cirrus Design

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MAX	MRC
							Range						
SR20	20	IO360ES	LBS	L890	X		-		X			X	
SR22	22	IO550N	LBS	L891	X		-		X			X	

Manufacturer: Commander

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	HSC	INT
							Range		
CMNDR	114TC	TIO-540	LBS	L880	X		-	X	X

Manufacturer: Convair

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	LSC	MRC
							Range				
CV440	440	R2800	LBS	L699	X		-				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	LSC	MRC
							Range				
CV580	580	501-D13	LBS	L700	X		-	X	X		

Manufacturer: Dassault-Berguet, France



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX
							Range			
DAFJF	20D	CF700-2D	LBS	L560	X	X	72		X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX
							Range			
FALCN	7X	PW307A	LBS	L081	X	X	80-85	X		X
FALCN	10	TFE731-21C	LBS	L566	X	X	75-81			X
FALCN	20D	CF700-2D-2	LBS	L082	X	X	72-76	X		X
FALCN	20E	CF700-2D-2	LBS	L083	X	X	72-76	X		X
FALCN	20F	CF700-2D-2	LBS	L084	X	X	72-76	X		X
FALCN	20	TFE731-5BR	LBS	L557	X	X	76-77	X		X
FALCN	20	TR5020	LBS	L080	X	X	76			X
FALCN	50	TFE731-31C	LBS	L565	X	X	75-80	X		X
FALCN	50	TFE731-41C	LBS	L085	X	X	75-80	X		X
FALCN	50EX	TFE731-40	LBS	L559	X	X	75-80	X		X
FALCN	200	ATF3-6A-4C	LBS	L567	X	X	75-82	X		X
FALCN	900	TFE7315AR1	LBS	L561		X	75-80		X	
FALCN	900B	TFE731-5BR	LBS	L562	X	X	80	X		X
FALCN	900C	TFE731-5BR	LBS	L564	X	X	80	X		X
FALCN	900DX	TFE731-60	LBS	L090	X	X	77-84	X		X
FALCN	900EX	TFE731-60	LBS	L563	X	X	77-84	X	X	
FALCN	900LX	TFE731-60	LBS	L089	X	X	77-84	X		X
FALCN	2000	CFE738-11B	LBS	L568	X	X	75-80	X		X
FALCN	2THDX (2000DX)	PW308C	LBS	L086	X	X	77-84	X		X
FALCN	2000X (2000EX)	PW308C	LBS	L558	X	X	77-84	X		X
FALCN	2THEZ (2000EX -Easy)	PW308C	LBS	L087	X	X	77-84	X		X
FALCN	2THDX (2000LX)	PW308C	LBS	L088	X	X	77-84	X		X



Manufacturer: DeHaviland Aircraft of Canada Ltd.

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MC9	MCR	MRC	LGE
							Range							
DHC5A	CIVIL	CT64-820-4	LBS	L544	X		-	X		X			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MC9	MCR	MRC	LGE
							Range							
DHC6	300	PTA-27	LBS	L538	X		-					X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MC9	MCR	MRC	LGE
							Range							
DHC7	100	PT6-50	LBS	L539	X		-					X		
DHC7	100	PT6A-50	LBS	L547	X		-	X				X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MC9	MCR	MRC	LGE
							Range							
DH8	100	PW120A	LBS	L540	X		-			X	X		X	
DH8	102	PW120A	KGS	K615	X			X			X	X	X	
DH8	102	PW120A	LBS	L615	X			X		X	X		X	
DH8	103	PW121	KGS	K612	X			X				X		
DH8	103	PW121	LBS	L612	X			X				X		
DH8	106	PW121	KGS	K613	X			X				X		
DH8	106	PW121	LBS	L613	X			X				X		
DH8	200	PW123C	KGS	K614	X		-	X				X		
DH8	200	PW123C	LBS	L614	X		-	X				X		X
DH8	200	PW123D	KGS	K543	X		-	X				X		
DH8	200	PW123D	LBS	L543	X		-	X				X		
DH8	300	PW123	KGS	L541	X		-				X			
DH8	300	PW123	LBS	K541	X		-				X			
DH8	400	PW150A	KGS	K542	X		-	X	X					
DH8	400	PW150A	LBS	L542	X		-	X	X					

Manufacturer: Diamond Aircraft

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	HSC	MRC	NCP	MAX	MEC
							Range					
DA40	NG	AE300	KGS	K992	X		-	X	X	X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	50P	60P	70P	80P	92P
							Range					
DA42	NG	AE300	LBS	L993			-	X	X	X	X	X

Manufacturer: Domier



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX	MRC	NCP
							Range						
DO228	202	TPE331	KGS	K669	X		-		X		X	X	
DO228	202	TPE331	LBS	L669	X		-		X		X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX	MRC	NCP
							Range						
DO328	100	PW119B	KGS	K670	X		-			X			X
DO328	100	PW119B	LBS	L670	X		-		X	X			
DO328	100	PW119C	LBS	L671	X		-			X			X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX	MRC	NCP
							Range						
DO328	JET	PW306B	KGS	K672	X		-		X	X			X
DO328	JET	PW306B	LBS	L672	X		-		X	X			X

Manufacturer: EADS Socata



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		INT	MAX	MRC	NCP
							Range					
TB20	GT	TIO540AB1A	KGS	K814			-				X	X
TB20	GT	TIO540AB1A	LBS	L814			-				X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		INT	MAX	MRC	NCP
							Range					
TB21	GT	TIO540AB1A	KGS	K816	X		-				X	X
TB21	GT	TIO540AB1A	LBS	L816	X		-				X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		INT	MAX	MRC	NCP
							Range					
TBM7	C2	PT6A-64	KGS	K820	X		-		X	X	X	
TBM7	C2	PT6A-64	LBS	L820	X		-		X	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		INT	MAX	MRC	NCP
							Range					
TBM8	850	PT6A-64	KGS	K821	X		-			X		X
TBM8	850	PT6A-64	LBS	L821	X		-			X		X



Manufacturer: Eclipse Aviation

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	25K	27K	30K	HSC	L09	L10	L11	L12	REC	MAX
							Range											
EA500	500	PW610F	LBS	L980	X		-	X				X						



Manufacturer: Embraer

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX
							Range				
EM110	P1	PT6A-34	LBS	L675	X		-		X	X	
EM110	P2	PT6A-34	LBS	L676	X		-		X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX
							Range				
EM120	120ER	PW118	KGS	K679	X		-				X
EM120	120ER	PW118	LBS	L679	X		-				X
EM120	120RT	PW118	LBS	L680	X		-				

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX
							Range				
EM135	650	AE3007A2	KGS	K677	X	X	70-78		X		X
EM135	BJ	AE3007A1E	KGS	K683	X	X	70-78		X		X
EM135	BJ	AE3007A1E	LBS	L683	X	X	70-78		X		X
EM135	BJ	AE3007A1P	LBS	L682	X	X	70-78				X
EM135	ER	AE3007A1-3	LBS	L673	X						X
EM135	LR	AE3007A1-3	LBS	L684	X						X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX
							Range				
EM145	145	AE3007A	LBS	L681	X		-		X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	32K
							Range				
EM170	100LR	CF34-8E5A1	KGS	K685	X	X	78		X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	32K
							Range				
EM175	200LR	CF34-8E	KGS	K687	X	X	78		X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	32K
							Range				
EM190	1000	CF34-10E7B	KGS	K678	X	X	76-80		X		
EM190	1000	CF34-10E7B	LBS	L678	X	X	76-80		X		



Manufacturer: Embraer (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX
							Range				
EM195	200	CF34-10E5	KGS	K674	X	X	75-80		X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX
							Range				
EM500	100	PW617F-E	KGS	K686	X	X	52-65				X
EM500	100	PW617F-E	LBS	L686	X	X	52-65				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	MAX
							Range				
EM505	300	PW535E	KGS	K688	X	X	70-74				X
EM505	300	PW535E	LBS	L688	X	X	70-74				X

Manufacturer: Eurocopter

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	INT	MRC
							Range				
AS332	L	MAKILA	KGS	K960	X		-		X	X	X
AS332	L	MAKILA	LBS	L960	X		-		X	X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	INT	MAX
							Range				
EC155	B1	ARRIEL-2C2	KGS	K961	X		-				

Manufacturer: Fairchild Industries Inc.



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		LEO	HSC	LGE	MRC	MAX
							Range						
METRO	II	TPE331	LBS	L689	X		-						X
METRO	III	TPE331	LBS	L690	X		-		X				
METRO	23	TPE331-12	LBS	L691	X		-		X				
METRO	23	TPE331	LBS	L692	X		-		X				
METRO	II	TPE331-10	LBS	L693	X		-						X



Manufacturer: Fokker B.V., Nederland

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	27K	28K	30K	31K	32k	EXP	LAC	LGE
							Range									
F27	500	MK7-532-7R	KGS	K551	X		-									
F27	50	PW125B	KGS	K552	X		-									
F27	A	MK529-7E	LBS	L548	X		-									
F27	F	MK529-7E	LBS	L549	X		-									
F27	J	MK532-7	LBS	L550	X		-							X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	27K	28K	30K	31K	32k	EXP	LAC	LGE
							Range									
F28	1000	MK555-15N	LBS	L553	X	X	65-72	X								X
F28	4000	MK555-15P	LBS	L554	X	X	60-73	X	X		X		X			X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	27K	28K	30K	31K	32k	EXP	LAC	LGE
							Range									
F100	100	MK620-15	LBS	L555	X	X	70-75									
F100	100	MK650-15	KGS	K556	X	X	65-75	X		X		X			X	X
F100	100	MK650-15	LBS	L556	X	X	65-75	X		X		X			X	X

Manufacturer: Gates Learjet Corporation

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR24	24B	CJ610-6	LBS	L618	X	X	77	X	X	
LR24	B-RF	CJ610-6	LBS	L619	X	X	77	X	X	
LR24	24D	CJ610-6	LBS	L620	X	X	77	X	X	
LR24	D-RF	CJ610-6	LBS	L621	X	X	77	X	X	
LR24	24E	CJ610-8A	LBS	L622	X	X	77	X	X	
LR24	24F	CJ610-8A	LBS	L623	X	X	77	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR25	B-C	GECJ610-6	LBS	L630	X	X	77			
LR25	D-F	CJ610-8A	LBS	L624	X	X	77	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR31	A	TFE731-23B	LBS	L631	X	X	76		X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR35	35	TFE731	LBS	L634	X	X	70-83	X		
LR35	35A	TFE731-22B	LBS	L627	X	X	77	X	X	
LR35	ZR-LT	TFE731-22B	LBS	L650	X	X	75	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR36	36	TFE731	LBS	L635	X	X	70-83	X	X	
LR36	36A	TFE731-22B	LBS	L626	X	X	77	X	X	
LR36	ZR-LT	TFE731-22B	LBS	L651	X	X	75	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR40	40	TFE731-20BR	LBS	L628	X	X	76	X	X	
LR40	XR	TFE731-20BR	LBS	L632	X	X	76	X	X	



Manufacturer: Gates Learjet Corporation (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR45	45	TFE731-20A	KGS	K636	X	X	76	X	X	
LR45	45	TFE731-20A	LBS	L636	X	X	76		X	
LR45	45	TFE73120BR	LBS	L639	X	X	76	X	X	
LR45	XR	TFE73120BR	LBS	L629	X	X	76	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR55	55	TFE731-3A	LBS	L637	X	X	77			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MRC
							Range			
LR60	60	PW305	LBS	L638	X	X	76	X	X	X

Manufacturer: Gulfstream Aerospace, USA

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G1	I	RR529-8	LBS	L569	X		-			X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G2	II	MK511-8	LBS	L570	X	X	75-85					
G2	IIB	MK511-8	LBS	L572	X	X	77-85	X				
G2	SP	MK511-8	LBS	L571	X	X	75-83					

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G3	III	MK511-8	LBS	L575	X	X	77-85					

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G4	IV	MK611-8	LBS	L580	X	X	77-85	X				X
G4	SP	MK611-8	LBS	L581	X	X	77-85	X				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G5	V	BR710A1-10	LBS	L585	X	X	80-85					X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G100	100	TFE731-40	LBS	L591	X	X	70-82			X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	15K	17K	20K	22K	25K	27K	30K	33K	HSC	MAX	MCP	MRC
							Range													
G150	150	TFE731-40A	LBS	L592	X	X	60-83	X	X	X	X	X	X	X	X	X		X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MX1	MRC
							Range					
G200	200	PW306A	LBS	L593	X	X	66-84	X	X	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G300	300	MK611-8	LBS	L594	X	X	75-85	X				

Manufacturer: Gulfstream Aerospace, USA (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G350	350	MK611-8C	LBS	L595	X	X	60-86	X				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G400	400	MK611-8	LBS	L596	X	X	77-85	X				

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G450	450	MK611-8C	LBS	L597	X	X	60-86	X				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G500	500	BR710-48	LBS	L598	X	X	80-85					X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G550	550	BR710C4-11	LBS	L599	X	X	80-87	X				X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MRC	MR1
							Range					
G650	650	BR725A1-12	LBS	L588	X	X	85-92	X			X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G690C	840	TPE-331-5	LBS	L589			-				X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	HSC	MAX	MCP	MRC
							Range					
G695	B	TPE-331-10	LBS	L590	X		-				X	X

Manufacturer: Ilyushin, C.I.S.

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	1EO	LG1	LGE
IL62	M	D30KU	KGS	K590	X	X	78-80			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	1EO	LG1	LGE
IL76	T	D30KP	KGS	K595	X	X	69-76			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	1EO	LG1	LGE
IL86	100	NK86	KGS	K600	X	X	79-82			

Manufacturer: Israeli Aircraft Corp.



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	MAX	1EO
							Range				
ASTR	SP	TFE7313A2G	LBS	L050	X	X	66-80				
ASTR	SPX	TFE731-40	LBS	L051	X	X	70-82			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	MAX	1EO
							Range				
GALXY	1126	PW306A	LBS	L057	X	X	66-84		X	X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	MAX	1EO
							Range				
WW24	1124	TFE731	LBS	L055	X	X	74-80				



Manufacturer: Lanfair

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	1EO	HSC	INT
LC41	550FG	TIO-550-C	LBS	L911	X		-		X	X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	1EO	HSC	INT
LC42	550FG	IO-550-N	LBS	L910	X		-		X	X

Manufacturer: Lockheed Corp. U.S.A.



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	1EO	LR1
							Range				
JETST	II	TFE731-3	LBS	L440	X	X	76		X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	1EO	LR1
							Range				
L188	C	501-D13	LBS	L445	X		-			X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	1EO	LR1
							Range				
L382	382	501-D22A	LBS	L450	X		-		X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		HSC	1EO	LR1
							Range				
L1011	100	RB211-22B	KGS	K420	X	X	78-84				
L1011	100	RB211-22B	LBS	L420	X	X	78-85				
L1011	100T	RB211-22B	LBS	L421	X	X	78-85				
L1011	200	RB211-524B	KGS	K422	X	X	80-85				
L1011	200	RB211-524B	LBS	L422	X	X	78-85				
L1011	250	RB211524B4	LBS	L423	X	X	83-84				
L1011	500	RB211-524B	KGS	K425	X	X	80-85				X
L1011	500	RB211-524B	LBS	L425	X	X	80-85				X
L1011	500	RB211524B4	LBS	L426	X	X	83-84				
L1011	500A	RB211-524B	LBS	L427	X	X	83				

Manufacturer: McDonnell Douglas/Boeing



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
DC3	T	PT6A-67R	LBS	L295	X		-						X	X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
DC8	51	JT3D-1	LBS	L300	X	X	80-82	X	X							
DC8	55	JT3D-3B	KGS	K305	X	X	78-80									
DC8	55	JT3D-3B	LBS	L305	X	X	78-80									
DC8	61	JT3D-3B	KGS	K310	X	X	78-82									
DC8	61	JT3D-3B	LBS	L310	X	X	78-82	X	X							
DC8	62	JT3D-3B	LBS	L315	X	X	78-82									
DC8	62	JT3D-7	KGS	K316	X	X	78-82									
DC8	62	JT3D-7	LBS	L316	X	X	78-82	X								
DC8	63	JT3D-7	KGS	K320	X	X	78-82									
DC8	63	JT3D-7	LBS	L320	X	X	78-82									
DC8	63A	JT3D-7	KGS	K321	X	X	80-82									
DC8	63A	JT3D-7	LBS	L321	X	X	80-82	X								
DC8	71	CFM56-2C1	LBS	L325	X	X	78-82	X								
DC8	73	CFM56-2C1	KGS	K330	X	X	78-83									
DC8	73	CFM56-2C1	LBS	L330	X	X	78-83	X	X							
DC8	73A	CFM56-2C1	LBS	L331	X	X	78-86			X	X	X				

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
DC9	10	JT8D-7	LBS	L340	X	X	75-78									
DC9	30	JT8D-7	LBS	L346	X	X	75-78									
DC9	30	JT8D-9	LBS	L347	X	X	75-82									
DC9	30	JT8D-15	LBS	L348	X	X	75-80									
DC9	30	JT8D-17	LBS	L345	X	X	76-78									
DC9	50	JT8D-17	LBS	L349	X	X	75-80									
DC9	51	JT8D-217	KGS	K350	X	X	76-78									
DC9	51	JT8D-217	LBS	L350	X	X	76-78									
DC9	51	JT8D-217A	KGS	K351	X	X	76-78									

Manufacturer: McDonnell Douglas/Boeing (Continued)



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
DC10	15	CF6-50C2-F	KGS	K354	X	X	80-84									
DC10	30	CF6-50C1	LBS	L355	X	X	78-86									
DC10	30	CF6-50C2	KGS	K356	X	X	79-85									
DC10	30	CF6-50C2	LBS	L356	X	X	78-88									
DC10	40	JT9D-59A	LBS	L357	X	X	82-85	X	X							

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
MD11	200	CF680C2D1F	LBS	L360	X	X	78-87									
MD11	200	PW4460	LBS	L361	X	X	78-86									

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
MD81	81	JT8D-217C	LBS	L364	X	X	76-80	X								

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
MD82	82	JT8D-217	KGS	K365	X	X	76-80									
MD82	82	JT8D-217	LBS	L365	X	X	76-80									
MD82	82	JT8D-217A	KGS	K366	X	X	76-80									
MD82	82	JT8D-217A	LBS	L366	X	X	76-80									

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	LGE	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
MD83	83	JT8D-217A	LBS	L369	X	X	70-80	X	X							X
MD83	83	JT8D-219	KGS	K370	X	X	75									
MD83	83	JT8D-219	LBS	L370	X	X	75-80								X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
MD87	87	JT8D-219	KGS	K375	X	X	76-80									
MD87	87	JT8D-219	LBS	L375	X	X	76-80									

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	2EO	22K	23K	25K	HSC	INT	LR1	MRC
							Range									
MD90	90	V2528-D5	LBS	L380	X	X	76-80	X								

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Manufacturer: Mitsubishi

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	NCP	HSC	MRP
MU2	B60	TPE331-1	LBS	L750	X		-			X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	NCP	HSC	MRP
MU300	1A	JT15D-4	LBS	L751	X		-	X	X	



Manufacturer: Mooney Airplane Company

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MRC
							Range					
M20	J	IO360-A3B6	LBS	L900	X		-		X	X	X	

Manufacturer: Partenavia

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	1EO	MCP	LGE	MRC	NCP
							Range					
P68	C-TC	IO-360-C1	LBS	L987	X		-		X		X	

Manufacturer: Piaggio Aero



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	INT	MRC
							Range					
P180	AVNTI	PT6A-66	KGS	K950	X		-			X	X	X
P180	AVNTI	PT6A-66	LBS	L950	X		-			X	X	X

Manufacturer: Pilatus



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	MCP	MEC
							Range		
PC12	C	PT6A-67B	KGS	K800	X		-	X	X
PC12	C	PT6A-67B	LBS	L800	X		-	X	X
PC12	47E	PT6A-67P	KGS	K801	X		-	X	X
PC12	47E	PT6A-67P	LBS	L801	X		-	X	X



Manufacturer: Piper

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA28R	T201	TSIO-360FB	LBS	L846	X		-			X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA30	TURBO	IO320C	LBS	L845	X		-			X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA31	350	TIO540J	LBS	L849	X		-			X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA31P	350	TIO540V2AD	LBS	L850	X		-			X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	MCP	MRP	1EO	NCP
							Range							
PA31T	620	PT6A-28	LBS	L856	X		-			X	X	X	X	X
PA31T	620-2	PT6A-28	LBS	L855	X		-		X	X	X	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA32R	301T	IO540	LBS	L847	X		-		X	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA346	200T	TSIO-360	LBS	L858	X		-			X	X	X
PA34	220T	TSIO-360K	LBS	L859	X		-			X		

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA44	180	O350-E1A6D	LBS	L852	X		-					X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA46	350P	TIO540AE2A	LBS	L851	X		-			X		X



Manufacturer: Piper (Continued)

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	MRC
							Range					
PA46T	DLX	PT6A-34	LBS	L853	X		-					
PA46T	DLX	PT6A-35	LBS	L854	X		-					

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		ECO	HSC	INT	NCP
							Range					
PA60	600	IO-540	LBS	L857	X		-		X			
PA60	601P	TIO-540	LBS	L860	X			X	X	X	X	X



Manufacturer: Quest Aircraft Company

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #	HSC	INT	MRC
							Range			
KODI	100CP	PT6A-34	LBS	L927	X		-	X	X	X

Manufacturer: Rockwell



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	25K	27K	30K	HSC	L09	L10	L11	MRC	REC	MAX
							Range												
AC690	A	TFE731	LBS	L069	X		-										X		X

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	25K	27K	30K	HSC	L09	L10	L11	MRC	REC	MAX
							Range												
NA265	40	JT12A-8	LBS	L072	X		-	X										X	X
NA265	60	JT12A-8	LBS	L073	X			X										X	X
NA265	65	TFE731	LBS	L070	X		-	X				X						X	X
NA265	70	JT12A-8	LBS	L071	X		-										X	X	X

Manufacturer: Saab-Scania AB, Sweden



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	NRC	LGE	MAX
							Range					
SAAB	2000	AE2100A	KGS	K641	X		-		X	X	X	
SAAB	2000	AE2100A	LBS	L641	X		-		X	X	X	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	NRC	LGE	MAX
							Range					
SF340	340A	CT7-5A2	KGS	K640	X		-					X
SF340	340A	CT7-5A2	LBS	L640	X		-					X
SF340	340B	CT7-9B	LBS	L642	X		-				X	

Manufacturer: Shaanxi Aircraft Company

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		LEO	NRC	LGE	MAX
							Range					
Y8F	D2	WJ-6	KGS	K975	X		-			X		

Manufacturer: Shorts Brothers

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	LGE	MRC	NCP
							Range						
BLFST	C	RTY-12	LBS	L513	X		-						

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	LGE	MRC	NCP
							Range						
SF360	SD360	PT6A	LBS	L511	X		-						

Manufacturer: Sikorsky



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	MRC
CH54	A	PWT73-P-1	LBS	L915	X		-	X
CH54	B	JFTD12A	LBS	L916	X			

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	MRC
S61	N	CT58-140-2	LBS	L919	X		-	

TYPE	SERIES	ENGINES	UNITS	ID	NCP	STD	Mach # Range	MRC
S76	B	PT6B-36A	LBS	L921	X		-	

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach # Range	MRC
S92	A	CT7-8A	LBS	L920	X		-	X

Manufacturer: Tupolev, C.I.S.



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	LGE	MRC	NCP
							Range						
TU154	M	D30KU	KGS	K650	X	X	80						

TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	LGE	MRC	NCP
							Range						
TU204	120	RB211535E4	KGS	K660	X		-						

Manufacturer: Vulcanair Aircraft



TYPE	SERIES	ENGINES	UNITS	ID	LRC	STD	Mach #		1EO	HSC	LGE	MRC	NCP
							Range						
VLCNR	P68	IO-360-A1B	KGS	K985	X		-		X		X		
VLCNR	P68	IO-360-A1B	LBS	L985	X		-		X		X		