

AEROPLANES

JAA Administrative and Guidance Material Section Five: Personnel Licensing Part 2: Procedures

CLASS AND TYPE RATINGS LIST AND ENDORSEMENT LIST (Aeroplanes)

(see paragraph 16.1)

Note:

Amendments made to the previous month lists, will now appear in the following list in **Bold Italics** only until the next publication, which will normally be on the first Tuesday of each month.

Table 1

Class Ratings List (Aeroplane) - Single pilot - Single/multi- engine piston aeroplane (land/sea)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
Diamond Aircraft Industries GmbH		DA 42	(D) 6	MEP (land)
6 difference training is required with every MEP (land) listed in table 10				

Table 2

Class Ratings List (Aeroplane) - Single pilot - Single-engine turboprop aeroplane (land)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
EADS Socata		TBM 700-A (TBM 700) TBM 700-B (TBM 700) TBM 700-C1 (TBM 700) TBM 700-C2 (TBM 700) TBM 700-N (TBM 850)	(HPA)	TBM
Pilatus	PC-6	(manual stabiliser trim) (electrical stabiliser trim)	(D)	Pilatus PC6

Table 3

Class Ratings List (Aeroplane) - Single pilot - Single-engine piston touring motor gliders (land)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
<i>Not applicable to date</i>				

Table 4

Type Ratings List (Aeroplane) - Single pilot - Single-engine

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
<i>Not applicable to date</i>				

Table 5
Type Ratings List (Aeroplane) - Single pilot - Multi-engine turboprop (land)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
<i>Not applicable to date</i>				

Table 6
Type Ratings List (Aeroplane) - Single pilot - Multi-engine turboprop (sea)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
<i>Not applicable to date</i>				

Table 7
Type Ratings List (Aeroplane) - Single pilot - Multi-engine turbo-jet (land)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
Cessna	525	CJ	(HPA) (D)	C525
	525	CJ1		
	525A	CJ2		
	525	CJ1 Plus		
	525A	CJ2 Plus		
	525B	CJ3		
	525C	CJ4		
	510	Citation Mustang	(HPA)	C510
Embraer		Phenom 100	(HPA)	EMB-500
		Phenom 300	(HPA)	EMB-505
Eclipse Aerospace		Eclipse 500	(HPA)	EA500

Table 8
Type Ratings List (Aeroplane) - Multi-pilot

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
Airbus		A318 - 100 series A319 - 100 series A320 - 100 series - 200 series A321 - 100 series - 200 series		A320
		A330 - 300 series - 200 series - 200 F		A330
		A340 - 200 series - 300 series - 500 series - 600 series		A340
		A380 - 800 series		A380
ATR		ATR 42 (not PEC Equipped) ¹ ATR 42 (PEC Equipped) ATR 72 (not PEC Equipped) ² ATR 72 (PEC Equipped) ATR 42 (glass cockpit, non ECL) ³ ATR 72 (glass cockpit, non ECL) ³ PEC = Propeller Electronic Control ECL = Electronic Check List 1 A differences training course from the ATR 42 (not PEC equipped) to the ATR 72 (glass cockpit, non ECL) has not been evaluated. In this case, additional differences training between the ATR 42 (not PEC equipped) and the ATR 42 (PEC equipped) is required. 2 A differences training course from the ATR 72 (not PEC equipped) to the ATR 72 (glass cockpit, non ECL) has not been evaluated. In this case, additional familiarization training between the ATR 72 (not PEC equipped) and the ATR 72 (PEC equipped) is required. 3 The differences training course is valid from the ATR 42 (PEC equipped) to the ATR 42 (glass cockpit, non ECL) and from the ATR 72 (PEC equipped) to the ATR 72 (glass cockpit, non ECL) for crew members previously qualified on the respective ATR 42/72 PEC equipped variants. Differences training from the ATR 42/72 (glass cockpit, non ECL) to any other ATR 42/72 "classic" has not been evaluated. In this case, a full type rating training course is required.	(D)	ATR42/72
Boeing		B737 - 300 series - 400 series - 500 series	(D)	B737 300-900
		- 600 series - 700 series - 800 series - 900 series		
		B747 - 400 series 8/9 - 400 F series 8/9	(D)	B747-400
		B747 - 8 series 8/9 - 8F series 8/9		
		8 The differences training course is valid from the B747-400/-400F to the B747-8/-8F for crew members previously qualified on the B747-400/-400F variants. 9 Difference training courses from the B747-8/-8F to the B747-400/-400F and a full type rating course for the B747-8/-8F have not been assessed for the time being.		
		B757 - 200 series - 300 series	(D)	B757/767
	B767 - 200 series - 300 series - 300 F series			
	B767-400 ER 1			
	1 The differences training course is valid from the B757/767 "classic" to the B767-400ER for crew members previously qualified on the B757/767 "classic" variants. The 767-400ER to B757/767 "classic" differences training shall be evaluated or the full type rating training shall be accomplished.			
	B777 - 200 series - 300 series B777F	(D)	B777/787	
	B787 - 8 series 10/11			
	10 The differences training course is valid from the B777-200 and -300 series and the B777F to the B787-8 series for crew members previously qualified on any B777 variant. 11 Differences training courses from the B787-8 series to B777-200 and -300 series and the B777F have not been assessed for the time being.			
Bombardier	BD700-1A10 12 BD700-1A11 12	Global Express XRS Global Express 5000	(D)	BD-700
	BD700-1A10 GVFD BD700-1A11 GVFD	Global 6000GVFD Global 5000 GVFD		
	12 The MDR tables reflect differences training required between Global Express XRS/Global 5000 batch 2+ to Global 6000GVFD/5000GVFD. Amendments to the OEB report will occur when an evaluation on batch 3 has been completed			

Table 8 (continued)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
Canadair (Bombardier)	BD-100-1A10	Challenger 300		CL30
	CL600-2B16	(Challenger)	(D)	CL604/605
		CL 604		
		CL605		
	CL600-2B19	(CL 65 Regional Jet series) CRJ	(D)	CRJ100
		-100 -200 -440 -Challenger 850		
CL600-2C10	-700 -701 -702			
CL600-2D15	-705			
CL600-2D24	-900			
CL600-2E25	-1000			
Cessna		C560XL	(D)	C560XL/XLS
		C560XLS		
		C560XLS+		
	560 Encore	C680 Sovereign		C680
	560 Encore+		(D) 2	C500/550/560
2 The differences training course is valid from the Cessna 560 Encore to the Cessna 560 Encore+ for crew members previously qualified on the Cessna 560 Encore. The CE 560 Encore+ to CE 560 Encore differences training shall be evaluated or the full type rating training shall be accomplished.				
Dassault		Falcon 900 EX EASy Falcon 900 DX Falcon 900 LX	(D) 7	Falcon900EX EASy
		Falcon 900EX EASyII Falcon 900DX EASyII Falcon 900LX EASyII		
		Falcon 2000	(D)	Falcon2000/2000EX
		Falcon 2000 EX 3		
		Falcon 2000 EX EASy Falcon 2000 DX Falcon 2000 LX		Falcon2000EX EASy
	Falcon 7X		Falcon 7X	
3 The differences training course is valid from the Falcon 2000 to the Falcon 2000EX for crew members previously qualified on the Falcon2000. The Falcon 2000EX to the Falcon 2000 differences training shall be evaluated or the full type rating training shall be accomplished.				
7 The differences training course is valid from the Falcon 900EX EASy/DX/LX to the Falcon 900EX EASy/DX/LX modified with EASyII (M5340) for crewmembers previously qualified on the Falcon 900EX EASy/DX/LX. The Falcon 900EX EASy/DX/LX modified with EASyII (M5340) to Falcon 900EX EASy/DX/LX differences training shall be evaluated or a full type rating training shall be accomplished.				
De Havilland - Canada (Bombardier)		DHC8-100 series -200 series -300 series	(D)	DHC8
		DHC8-400 series		
Embraer	ERJ 170-100	Embraer 170		EMB170
	ERJ 170-200	Embraer 175		
	ERJ 190-100	Embraer 190		
	ERJ 190-200	Embraer 195		

Table 8 (continued)

1 Manufacturer	2 Aeroplanes		3	4 Licence Endorsement
	Model	Name		
Gulfstream Aerospace Corporation	Gulfstream 1159C	Gulfstream IV	(D)	Gulfstream IV
	Gulfstream IV SP	G300/G400		G-V
	Gulfstream IV-X	G350/G450		
	Gulfstream V			
	Gulfstream V-SP	G500/G550		
Gulfstream Aerospace LP (GALP)	Gulfstream G150	G150		G150
	Gulfstream G200	G200		G200
Hawker Beechcraft Corporation	4000	Hawker 4000	(D)	HA4T
	4000 BPU	Hawker 4000 BPU 13/14		
	<p>13 The (D) is valid from the Hawker 4000 to the Hawker 4000 BPU for crew members previously qualified on the Hawker 4000.</p> <p>14 Differences training courses from the Hawker 4000 BPU to the Hawker 4000 have not been assessed for the time being.</p>			
	Hawker 125 Series	Hawker 800XP <i>Proline 21</i> Hawker 750 <i>Proline 21</i> Hawker 900 XP <i>Proline 21 and</i> <i>IFIS 5000</i> 5 Hawker 850 XP <i>Proline 21 and</i> <i>IFIS 5000</i> 5	(D)	HS125
<p>5 The (D) is valid when the aeroplanes are equipped with an EFB software package. When the software is not installed -level B- training is sufficient.</p>				
Learjet (Bombardier)	Model 60	Learjet-60 series	(D)	Learjet60
	LJ 60XR	Learjet-60 XR		

**JAA - Administrative and Guidance Material
Section Five: Personnel Licensing Part 2: Procedures**

LICENCE ENDORSEMENT LISTS (Aeroplanes)
(See paragraph 16.2)

Table 10
Licence Endorsement List - Class Ratings (Aeroplane) - Single pilot - Single/multi-engine piston aeroplane (land/sea)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
All manufacturers	Single-engine piston (land)	(D)	SEP (land)
	Single-engine piston (land) with Variable pitch propellers (VP)		
	Single-engine piston(land) with Retractable undercarriage (RU)		
	Single-engine piston (land) with Turbo/super charged engines (T)		
	Single-engine piston (land) with Cabin pressurisation (P)		
	Single-engine piston (land) with Tail Wheels (TW)		
	Single-engine piston (land) with Electronic Flight Instrument System (EFIS)		
All manufacturers	Single-engine piston (land) with single lever power control (SLPC)	(D)	SEP (sea)
	Single-engine piston (sea)		
	Single-engine piston (sea) with Variable pitch propellers (VP)		
	Single-engine piston (sea) with Turbo/super charged engines(T)		
	Single-engine piston (sea) with Cabin pressurisation (P)		
	Single-engine piston (sea) with Electronic Flight Instrument System (EFIS)		
All manufacturers	Single-engine piston (sea) with Single lever power control(SLPC)	(D)	SEP (sea)
	Multi-engine piston (land)	(D)	MEP (land)
	Multi-engine piston (sea)	(D)	MEP (sea)

Table 11 a**Licence Endorsement List - Class Ratings (Aeroplane) - Single pilot - Single-engine turboprop aeroplane (land)**

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Air Tractor	AT-802/A	(HPA)	AT-802
Aero Vodochody a.s.	Ae 270	(HPA)	Aero Vodochody SET
CessnaSET	206 A/T Soloy 207 A/T Soloy 208	(D)	CessnaSET
De Havilland (AirTech canada) (Bombardier)	DHC-3Turbo-Otter		DHC3
	DHC-2Turbo-Beaver		DHC2
Gulfstream	Am.G-164D		GulfstreamSET
Pacific Aerospace Corporation	PAC750XL		PAC750XL
Pilatus	PC-7		Pilatus PC7
Rhein Flugzeugbau	FT 600		Rhein Flugzeugbau SET
Thrush Aircraft, Inc.	S2R turbo thrush		Snow/Ayres SET

Table 11 b**Licence Endorsement List - Class Ratings (Aeroplane) - Single pilot - Single-engine turboprop aeroplane (sea)**

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Cessna	208		Cessna 208 SEA

Table 12**Licence Endorsement List - Class Ratings (Aeroplane) - Single pilot - Single-engine piston touring motor gliders (land)**

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
All manufacturer	All Touring Motor Gliders having an integrally mounted, non-retractable engine and a non-retractable propeller.		TMG

Table 13
Licence Endorsement List - Type Ratings (Aeroplane) - Single pilot - Single-engine

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Pilatus	PC-7 MkII PC-9 PC-9 (M)	(HPA)	PC9/PC7MkII
	PC-12 series	(HPA)	PC12
Piper	PA-46-310P (Malibu) PA-46-350P (Malibu Mirage)	(HPA) (D)	PA46
	PA-46-500TP (Malibu Meridian)		
Jetprop LLC Piper	PA-46 Jetprop DLX	(HPA)	PA46-DLX
Walter Extra	Extra 400 (EA 400)	(HPA)	Extra400
	Extra 500 (EA 400-500)	(HPA)	Extra500

Table 14
Licence Endorsement List - Type Ratings (Aeroplane) - Single pilot - Multi-engine turboprop (land)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Asta GAF	Nomad -22B -24A		AstaMET
Beechcraft	90 series	(HPA) (D)	BE90/99/100/200
	99 series		
	100 series		
	200 series	(HPA) (D)	BE300/1900
	300 series		
1900 series			
Cessna/ Reims Aviation	F406	(HPA)	C406/425
	425		
	441	(HPA)	C441
De Havilland - Canada (Bombardier)	DHC6 series		DHC6
Dornier	DO 128-6		D128
	DO 228 series		D228
	DO 28-G92		D28-G92
Embraer	Bandeirante EMB 110		EMB110
Grumman	Tracker S2FT		S2FT
Mitsubishi	MU 2B series	(HPA)	MU2B
Piaggio	P166		Piaggio 166
	P180	(HPA)	Piaggio 180
Pilatus Britten	BN2T Turbine Islander	(D)	BN2T
	BN2T - 4R MSSA		
	BN2T - 4S Defender		
Piper	PA31 series Cheyenne I/II	(HPA) (D)	PA31/42
	PA42 series Cheyenne III		
Rockwell	AC 680T	(HPA)	Rockwell MET
	AC 690 series		
	AC 900 series		
Short (Bombardier)	SC7Skyvan		SC7Skyvan

Table 14 (continued)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Swearingen/Fairchild	226 T	(HPA) (D)	SA226/227
	226 T(B)		
	226 AT		
	226 TC		
	227 TT		
	227 AC		
	227 AT 227 BC		

Table 15
Licence Endorsement List -Type Ratings (Aeroplane) - Single pilot - Multi-engine turboprop (sea)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
<i>Not applicable to date</i>			

Table 16
Licence Endorsement List - Type Ratings (Aeroplane) - Single pilot - Multi-engine turbo-jet (land)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Aerospatiale	MS 760 Paris	(HPA)	S760
Beechcraft raytheon	RA-390	(HPA)	RA390
Cessna	C501/500SP*	(HPA)	C501/551
	C551/550SP*	(D)	

Table 17
Licence Endorsement List- Type Rating (Aeroplane) - Multi-pilot

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Aerospatiale/Sud Aviation	SN601 Corvette		SN601
	SE 210 III IIIR VIN	(D)	SE210/10B3/11/12
	SE 10B3		
	SE 11		
	SE 12		
Aerospatiale/Nord Aviation	Nordatlas 2501		ND25
	C160 P Transall		ND16
	260 A Nord		ND26
	262 A-B-C Nord		
Aero Spaceline	377 SGT Super Guppy		SuperGuppy
Airbus	A300-B1 -B2 series -B4 series -C4-200 series -F4-200 series		A300
	A300-FFCC		A300FFCC
	A310 -200 series -300 series A300 - B4 600 series - C4 600 series - F4 600 series		A310/300-600
	A300-600ST/Beluga		A300-600ST
Alenia	C27J		C27J
Mitsubishi/Beech/ Raytheon	Beechjet 400 series MU 300		Beech400/MU300
Boeing	B707 -100 series -300 series	(D)	B707/720
	B720		
	B717 series		B717
	B727-100 series -200 series		B727
	B737-100 series -200 series		B737 100-200
	B747 -100 series -200 series -300 series	(D)	B747 100-300
	B747-SP		
B747-400 series		B747 400	

Table 17 (continued)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement	
British Aerospace/ AVRO	ATP Jetstream 61		Bae/ATP/Jetsream 61	
	AVRO RJ series 146 -100 series -200 series -300 series		AVRORJ/Bae146	
	British Aerospace/ AVRO	BAC 1-11 -200 series -400 series -500 series		BAC1-11
	Hawker Siddeley/ Bae/Raytheon	HS125 series Bae 125-800 series -1000 series	(D)	HS125
Hawker Siddeley/Bae	HS 748 series		HS748	
Hawker Siddeley/Bae	Jetstream 3100 series 3200 series		Jetstream31/32	
Bae/Avro	Jetstream 41		Jetstream41	
Canadair (Bombardier)	CL 215		CL215	
	CL 215T		CL 215T	
	CL 415		CL 415	
	(Challenger series) CL 600 CL 601-1A CL 601-3A		CL600/601	
	Casa	C212 series CN-235		C212 CN235
Cessna	C650 Citation III		C650	
	Citation VI			
	Citation VII			
	C750 Citation X		C750	
	C 500			
	C550			
	CS 550		(D)	
	CS 550 Bravo C 560 Encore 4 4 See table 8			C500/550/560
Consolidated Vultee Aircraft	CV 240-4			
	CV 340	(D)	CV240/340/440	
	CV 440			
	CV 580		CV580	
Dassault	Falcon 10			
	Falcon 100	(D)	Falcon 10/100	
	Falcon 20 series			
	Falcon 200	(D)	Falcon 20/200	
	Falcon 50			
	Falcon 900	(D)	Falcon 50/900	
	Falcon 900 EX			
De Havilland - Canada (Bombardier)	DHC7		DHC7	
Dornier	DO 328-100		DO 328-100	
	DO 328-300		DO 328-300	

Table 17 (continued)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Mac Donnel-Douglass	Douglas A-26B		DCA26
	Douglas -3A-S1C3G		DC3
	DC4		DC4
	DC6 series		DC6
	DC7C		DC7
Mac Donnel-Douglass/Boeing	DC8-33 -50, 60, 70 series		DC8
	DC9 10-50 series		DC9 10-50
	DC9 80 series	(D)	DC9 80/MD88/MD90
	MD 88 series		
	MD 90 series		
	DC 10 series		DC 10
MD 11		MD 11	
Embraer	EMB 120 Brasilia		EMB 120
	EMB - 145 - 135, 145 series		EMB 135/145
Fokker/Fairchild	FH227		F27
	F 27A/F/J		
	F 27 series		F 28
	F 28 series		F 50
	F 50		F70/100
	F70 F100		
Grumman Gulfstream	Grumman G-159		GulfstreamI
	Grumman G-1159	(D)	GulfstreamII/III
	Grumman G-1159A		
Handley Page	Herald series		Herald
Israel Aircraft Industry	IAI -1121 Jetcommander -1123 Commodore Jet -1124 Westwind		IAI1121/23/24
	IAI -1125 Astra		IAI1125
Junkers	Junkers 52		JU52
Lockheed	L188 Electra series A	(D)	L188 Electra
	L188 Electra series C		
	L382 G (C 130)		Hercules
	L1011 Series		L1011
	L1329 Constellation Series		Jetstar L1049
Learjet (Bombardier)	Learjet-20 series -30 series	(D)	Learjet20/30
	Learjet-45 series		Learjet45
	Learjet-55 series		Learjet55
Leteckee	L410 UVP		LetL410
MBB	HFB 320		HFB320
	VFW 614		VFW-614
PT Industry	IPTN CN 235-110		IPTNCN 235
Rockwell International	NA-265 series		NA265
Saab	SAAB SF340 series		SAAB340
	SAAB 2000		SAAB2000

Table 17 (continued)

1 Manufacturer	2 Aeroplanes	3	4 Licence Endorsement
Short Brothers (Bombardier)	SD3 - 30	(D)	SD3-30/60
	- 60		
	SC5 Belfast		Belfast
Vickers-Armstrong	Vanguard		Vanguard
	Viscount		Viscount