

APPENDIX 1 to AMC for CAR-66

AIRCRAFT TYPE RATINGS

FOR CAR-66 AIRCRAFT MAINTENANCE ENGINEER'S LICENCE

The following aircraft type ratings should be used to ensure a common standard throughout India.

The inclusion of an aircraft type in the licence does not indicate that the aircraft type has been granted a type certificate under the Aircraft Rule No. 49A and CAR-21, this list is only intended for the maintenance purposes.

In order to keep this list current and type ratings consistent, such information should be first passed on to the DGCA daw@dgca.nic.in by affected personnel or organizations to issue a type rating that is not included in this list.

Notes:

When a modification is introduced to an aircraft type rating or to an engine designation in the rating which affect licences already issued, the ratings on the AME licences may be modified at the next renewal or when the licence is received for endorsement /re-issued, unless there is an urgent reason to modify the licence.

Notes on aircraft modified by Supplemental Type Certificate (STC):

- When an aircraft has been modified by an STC for installation of another engine, the CAR-66 type rating of this aircraft may change i.e. from Group 2 to Group 1. This is not reflected in this document. In case the applicant to a licence faces such a case, the holder of AME License may inform the DGCA and a new type rating will be defined by the DGCA

Notes on Type Rating endorsement covering several models/variant:

The endorsement of a type rating (TR) on the Aircraft Maintenance Engineer's (AME) license covering several models/variants, does not automatically imply that the AME licence holder has acquired the appropriate knowledge on each model/variant. The TR course received or the experience the AME licence holder has gained, may have been limited to one or several model(s)/variant(s) but not to all models/variants. To demonstrate adequate competence on the relevant model(s)/variant(s), the AMEL holder and/or the maintenance organisation where the AME licence holder is contracted/employed, are responsible to verify whether the model/variant has been adequately covered by the TR course or gained experience.

In the following tables:

- The column 'TC Holder' includes the TC holder as defined in the Type Certificate Data Sheets TCDS (EASA, FAA or other) or the Specific Airworthiness Specifications (SAS).

- In Group 3, a third column has been added which is called 'Type of structure' and which intends to assist the DGCA in identifying the experience required for this type with a view on removing existing limitations on the licence.
- Wooden structure covered with fabric is considered to fall under wooden structure. For Aeroplanes with a combination of structures; e.g. metal tubing fuselage and wooden wings, both experience 'metal tube covered with fabric' and 'wooden structure' are required.
- In Group 3, a fourth column has been added which is called 'MTOM' and which intends to assist in identifying the aeroplanes types where the Maximum Take-Off Mass (MTOM) is:
 - above 2T and is subject to a B1.2 licence, or
 - 2T and below and is subject to a B1.2 or B3 licence.

Column 1 includes the TC holder as defined in the TCDS (EASA, FAA or other).

For aeroplanes of group 1 and 2 and helicopters, the Column 2 includes the aircraft models as defined in the relevant TCDS (EASA, FAA or other).

The following column includes the "commercial designation" when available.

Column 3 includes the relevant individual type rating. Only the designations of ratings in column 3 should be used for endorsing individual type ratings on CAR-66 licences.

Note: aircraft STC data are not included in this table.

Group -1 Aeroplanes

Group -1 Aeroplanes				
1. TC holder	2 Aeroplanes Model	Commercial Designation	3 Type Rating Endorsement	
Airbus	A310-304		Airbus A310 (GE CF6)	
	A310-324		Airbus A310 (PW 4000)	
	A318-110 series		Airbus A318/A319/A320/A321 (CFM56)	
	A319-110 series			
	A320-111			
	A320-210 series			
	A321-110 series			
	A321-210 series			
	A319-130 series			Airbus A319/A320/A321 (IAE V2500)
	A320-230 series			
	A321-130 series			
	A321-230 series			
	A319-170	A319 NEO	Airbus A319/A320/A321 (IAE PW1100G)	
	A320-270	A320 NEO		
	A321-270	A321 NEO		
	A319-150	A319 NEO	Airbus A319/A320/A321 (CFM LEAP-1A)	
	A320-250	A320 NEO		
	A321-250	A321 NEO		
	A330-200 series		Airbus A330 (GE CF6)	
	A330-300 series			
	A330-220 series		Airbus A330 (PW 4000)	
	A330-320 series			
	A330-240 Series		Airbus A330 (RR RB 211 Trent 700)	
	A330-340 Series			
A340-210		Airbus A340 (CFM 56)		
A340-310				

Group -1 Aeroplanes			
1. TC holder	2 Aeroplanes Model	Commercial Designation	3 Type Rating Endorsement
AIRCRAFT INDUSTRIES	L410 M	Turbolet	Let L-410 (Walter M601)
	L-410 UVP-E9		
ATR-GIE Avions de Transport Régionals	ATR 42-200		ATR 42-200/300 series (PWC PW120)
	ATR 42-320		
	ATR 72-212		ATR 72-200 series (PWC PW120)
	ATR 42-500	42-500 42-600	ATR 42-400/500/72-212A (PWC PW120)
	ATR 72-212 A	72-500, 72-600	
BAE SYSTEMS	BAe ATP		ATP (PWC PW120)
	AVRO 146-RJ70		BAe 146/ AVRO 146-RJ (Honeywell ALF500 Series)
	HS.748 Series 1		HS748 (RRD Dart)
	HS.748 Series 2		
	HS 748 Series 2A		
	HS 748 Series 2B		
Boeing	B737-200		Boeing 737-200 (PW JT8D)
	B737-300/400/500		Boeing 737-300/400/500 (CFM56)
	B737-700		Boeing 737-700/800/900 (CFM56)
	B737-800		
	B737-900		
	B737-900ER		
	737-7/8/9	B737 MAX	Boeing 737-7/8/9 (CFM LEAP-1B)
	B747-400		Boeing 747-400 (PW 4000)
	B747-400F/SF(BCF)		
	B747-400		Boeing 747-400 (GE CF 6)
	B747-400F/SF(BCF)		
	B757-200		Boeing 757-200/300 (PW 2000)
	B757-200PF		

Group -1 Aeroplanes			
1. TC holder	2 Aeroplanes Model	Commercial Designation	3 Type Rating Endorsement
	B757-300		
	B757-200		Boeing 757-200 (RR RB211)
	B777-200		Boeing 777-200/300 (GE 90)
	B777-200LR		
	B777-300ER		
	B777-200		Boeing 777-200/300 (PW 4000)
	B777-300		
	B 787-8	Dreamliner	Boeing 787-8 (GE GENx)
	B 787-8	Dreamliner	Boeing 787-8 (RR RB 211 Trent 1000)
BOMBARDIER	BD-100-1A10	Challenger 300	Bombardier BD-100-1A10 (Honeywell AS907)
	BD-700-1A10	Global Express Global 6000	Bombardier BD-700 Series (RRD BR710)
	BD-700-1A11	Global 5000 Global 5000 GVFD	
	CL-600-2B16 (CL 604 Variant)	Challenger-604 (MSN < 5701)	Bombardier CL-600-2B16 (variant CL 604) (GE CF34)
	CL-600-2B16 (CL 604 Variant)	Challenger-605 (MSN > 5701)	
	CL-600-2B19	Regional Jet Series 100/200	Bombardier CL-600-2B19 (GE CF34)
	CRJ 200		Bombardier CRJ 200(GE CF34)
	CL-600-2C10	Regional Jet Series 700/701/702	Bombardier CL-600-2C10/-2D15/-2D24/-2E25 (GE CF34)
	CL-600-2D15	Regional Jet Series 705	
	DHC -8-401 DHC-8-402	DHC-8 Series 400	Bombardier DHC-8-400 (PWC PW150)
CESSNA AIRCRAFT Company	525	Citation Jet CJ1	Cessna 525/525A (Williams FJ 44)
	525A	Citation Jet CJ2	
	525B	Citation Jet CJ3	Cessna C (Williams FJ 44)
	525C	Citation Jet CJ4	Cessna C (Williams FJ 44)
	550	Citation Bravo	Cessna 550/560 (PWC PW530/535)

Group -1 Aeroplanes			
1. TC holder	2 Aeroplanes Model	Commercial Designation	3 Type Rating Endorsement
	560	Citation Encore	
	560	Citation Encore +	
	550	Citation II	Cessna 550/560 (PWC JT15D)
	S550	Citation S/II	
	560	Citation V	
	560	Citation Ultra	
	560XL	Citation Excel	Cessna 560XL/XLS (PWC PW545)
	560 XLS	Citation XLS	
	650	Citation III – VI IV	Cessna 650 (Honeywell TFE731)
	650	Citation VII	
Cessna	680	Sovereign Sovereign +	Cessna 680(PWC PW 306)
	750	Citation X	Cessna 750(RR Corp AE3007 C)
Dassault Aviation	Falcon 900EX		Falcon 900EX (Honeywell TFE731)
	Falcon 900EX	F900EX EASy	Falcon 900EX EASy (Honeywell TFE731)
	Falcon 900EX	F900DX	
	Falcon 900EX	F900LX	
	Falcon 2000		Falcon 2000 (CFE 738)
	Falcon 2000EX		Falcon 2000EX (PWC PW308)
	Falcon 2000EX	F2000EX EASy	Falcon 2000EX EASy (PWC PW308)
	Falcon 2000EX	F2000DX	
	Falcon 2000EX	F2000LX	
	Falcon 7X		Falcon 7X (PWC PW307A)
RUAG Aerospace GmbH (DORNIER)	228-200 series		Dornier 228 (Honeywell TPE331)
EMBRAER	EMB-500	Phenom-100	Embraer EMB-500 (PWC PW617)
	EMB-505	Phenom-300	Embraer EMB-505 (PWC PW535)

Group -1 Aeroplanes			
1. TC holder	2 Aeroplanes Model	Commercial Designation	3 Type Rating Endorsement
	EMB-135BJ EMB 145	Legacy 600 Legacy 650	Embraer EMB-135/145 (RR Corp AE3007A)
	ERJ 170-100 LR ERJ170-200LR	ERJ-170 ERJ-175	Embraer ERJ-170 Series (GE CF34)
	ERJ 190-100 /200	ERJ-190 ERJ-195	Embraer ERJ-190 Series(GE CF34)
FOKKER SERVICES	F27 Mark 100	Friendship	Fokker F27 / Fairchild F-27/FH-227 (RRD Dart)
	F27 Mark 200	Friendship	
	F27 Mark 300	Friendship	
	F27 Mark 400	Friendship	
	F27 Mark 500	Friendship	
GULFSTREAM AEROSPACE LP (GALP) c/o Israel Aircraft Industries	Gulfstream 200 / Galaxy	Galaxy 200	Gulfstream (IAI) 200/Galaxy (PWC PW306)
	Gulfstream G150	Gulfstream G150	Gulfstream (IAI) G150 (Honeywell TFE731)
	G IV GIV / SP	Gulfstream G IV /GIV /SP	Gulfstream GIV Series (RRD Tay)
	GV-SP (G500) GV-SP (G550)	Gulfstream G 500 Gulfstream G 550	Gulfstream G V SP Series (RRD – BR710)
	G100	Gulfstream G 100	Gulfstream G 100 (Honeywell TFE 731)
HAWKER BEEHCRAFT Corporation	HS.125 series 700	"Hawker Siddeley"	BAe 125 Series 700 (Honeywell TFE731)
	Hawker 750	Hawker 750	BAe 125 Series 750/800XP/850XP/900XP (Honeywell TFE731)
	Hawker 800XP	Hawker 800XP	
	Hawker 850XP	Hawker 850XP	
	Hawker 900XP	Hawker 900XP	
	300	Super King Air	
	300LW	Super King Air	
	B300	Super King Air 350	
	B300C	Super King Air 350 C	
	400	Beechjet	Beech 400 / Mitsubishi MU-300 (PWC JT15)
	400A	Beechjet (Hawker 400XP)	

Group -1 Aeroplanes			
1. TC holder	2 Aeroplanes Model	Commercial Designation	3 Type Rating Endorsement
	1900	Airliner	Beech 1900 (PWC PT6)
	1900C	Airliner	
	1900D	Airliner	
	4000	Hawker 4000	Hawker 4000 (PWC PW308)
Lear Jet	Learjet 45	LJ45	Learjet Model 45 (Honeywell TFE731)
	Learjet 40	LJ45	
	Learjet 60	LJ60 LJ60XR	Learjet 60 (PWC PW305)
BEEHCRAFT Corporation BEEHCRAFT Corporation	65-90	King Air	Beech 90 Series (PWC PT6)
	C90		
	C90 A		
	C90GT		
	C90GTi		
	B200/ B200C		Beech 200 Series (PWC PT6)
	B200 CT		
	B200GT		
	B200T		
	390		
99/99A/100	King Air	Beech 99/100 Series (PWC PT6)	
PIAGGIO Aero Industries	P180	Avanti	Piaggio P180 Avanti/Avanti II (PWC PT6)
	P180	Avanti II	
PILATUS AIRCRAFT	PC-12		Pilatus PC-12 (PWC PT6)
ASI Aviation	F 406	Caravan 2	Reims-Cessna F406 (PWC PT6)
VIKING AIR (Bombardier) (De Havilland)	DHC-6-1	Twin Otter	De Havilland DHC-6 (PWC PT6)
	DHC-6-100/110		
	DHC-6-200/210		
	DHC-6-300/310/320		
	DHC-6-400		

Group 1 Helicopter			
1 TC Holder	2 Aeroplanes Model	Commercial Designation	3 Type rating endorsement
AGUSTA Westland	A109E		Agusta A109 Series (PWC PW206/207)
	A109S		
	AW109SP		
	AW /109 N		
	A109		Agusta A109 Series (RR Corp 250)
	A109A		
	109 C		
	AW139		Agusta AW139 (PWC PT6)
LEONARDO S.p.A	AB 139/AW139		Agusta AB139 / AW139 (PWC PT6)
	AW 169		Agusta AW169 (PWC 210)
BELL HELICOPTER TEXTRON	212		Bell 212 / Agusta AB212 (PWC PT6)
	412		Bell 412 / Agusta AB412 (PWC PT6)
	412EP		
	412CF		
BELL HELICOPTER CANADA	427		Bell 427 (PWC PW207D)
	222		Bell 222 (Honeywell LTS 101)
	222B		
	222U		
	230	230 Executive	Bell 230 (RR Corp 250)
		230 Utility	
		230 EMS	
	429		Bell 429 (PWC PW207D)
430		Bell 430 (RR Corp 250)	
AIR BUS HELICOPTERS	AS 355 E		Eurocopter AS 355 (RR Corp 250)
	AS 355 F		
	AS 355 F1		
	AS 355 F2		

Group 1 Helicopter			
1 TC Holder	2 Aeroplanes Model	Commercial Designation	3 Type rating endorsement
	AS 355 N		Eurocopter AS 355 (TurbomecaArrius 1)
	AS 355 NP		
	SA 365 N	Dauphin	Eurocopter SA 365 N (TurbomecaArriel 1)
	SA 365 N1	Dauphin	Eurocopter SA 365 N1, AS 365 N2 (TurbomecaArriel 1)
	AS 365 N2		
	AS 365 N3	Dauphin	Eurocopter AS 365 N3 (TurbomecaArriel 2C)
	EC 155 B		Eurocopter EC 155 (TurbomecaArriel 2)
	EC 155 B1		
EUROCOPTER Deutschland GMBH	EC 135 P1 Series		Eurocopter EC 135 (TurbomecaArriel 2B)
	EC 135 P2 Series		
	EC 135 P3 Series		
	EC 135 T1		Eurocopter EC 135 (TurbomecaArriel 2B)
	EC 135 T2		
	EC 135 T3		
	MBB-BK 117 C2	EC145	Eurocopter MBB-BK 117 C2 (TurbomecaArriel 1)
	MBB-BK 117 D2	EC145 T2	Eurocopter MBB-BK 117 D2 (TurbomecaArriel 2)
HINDUSTAN AERONAUTICS Ltd.	DHRUV		DHRUV (Turbomeca TM 333-2B2)
MD HELICOPTERS, INC.	MD900		MD Helicopters MD900 (PWC PW206/207)
MOSCOW HELICOPTERS PLANT	MI 172		MI 172 - Klimo TV/TB-3-117 VM/BM
SIKORSKY AIRCRAFT	S-76C	S-76C+ S-76C++	Sikorsky S-76C (TurbomecaArriel 2)
	S-76C		Sikorsky S-76C (TurbomecaArriel 1)
	S-76D		Sikorsky S-76D (PW210S)

SUBGROUP 2a: SINGLE TURBO-PROPELLER ENGINE AEROPLANES (Other than those in Group 1)

TC holder	Type rating endorsement
CESSNA AIRCRAFT Company	Cessna 208 Series (PWC PT6)
PILATUS AIRCRAFT	Pilatus PC-6 Series (PWC PT6)
	Pilatus PC-6 Series (TurbomecaAstazou)
	Pilatus PC-6 Series (Honeywell TPE 331)
Quest Aircraft	Kodiak 100 (PWC PT6)

SUBGROUP 2b: SINGLE TURBINE ENGINE HELICOPTERS (Other than those in Group 1)

1 TC Holder	2 Helicopter Model	Commercial Designation	3 Type Rating Endorsement
AGUSTA	A119 AW 119 MK II	Koala	Agusta A119/Agusta AW119 MKII (PWC PT6)
BELL HELICOPTER CANADA	407		Bell 407 (RR Corp 250)
AGUSTA	AB 206A		Agusta AB206 / Bell 206 (RR Corp 250)
	AB 206B		
BELL HELICOPTER CANADA TEXTRON LIMITED	206 series from A to L		
THE ENSTROM HELICOPTER CORPORATION	480		Enstrom 480 (RR Corp 250)
	480B		
AIRBUS HELICOPTERS	AS 350	Ecureuil	Eurocopter AS 350 (TurbomecaArriel 1)
	AS 350 B1		
	AS 350 B2		
	AS 350 BA		
	AS 350 BB		
	AS 350 B3		Eurocopter AS 350 (TurbomecaArriel 2)
	AS 350 D		Eurocopter AS 350 (Honeywell LTS 101)
	EC 120 B	Colibri	Eurocopter EC 120 (TurbomecaArrius 2F)
	EC 130 B4 EC 130 T2		Eurocopter EC 130 (TurbomecaArriel 2)
	SA 315 B	Lama	Eurocopter SA 315B (TurbomecaArtouste)
	SA 316 B	Alouette III	Eurocopter SA 316 B (TurbomecaArtouste)
MD HELICOPTERS INC. (MDHI)	500N		MD Helicopters 500N N/ AMD500N (RR Corp 250)
	MD 600N		
ROBINSON HELICOPTER	R 66		Robinson R66 (RR Corps 250)
SCHEIZER AIRCRAFT CORP	269 D		Scgeizer 269 D (RR Corp 250)

SUBGROUP 2C: SINGLE PISTON ENGINE HELICOPTERS (Other than those in Group 1)

1 TC Holder	2 Helicopter Model	Commercial Designation	3 Type rating endorsement
THE ENSTROM HELICOPTER CORPORATION	F-28 series		Enstrom F-28 (Lycoming)
SEI (BREDA-NARDI)	NH 300C	Model 300C	Schweizer / Breda Nardi (Hughes) 269/300 (Lycoming)
SCHWEIZER AIRCRAFT CORPORATION	269A		
	269B		
	269C		
ROBINSON HELICOPTER COMPANY	R 22 R 44		Robinson R22 / R44 Series (Lycoming)

GROUP - 3 PISTON ENGINE AEROPLANE (Other than in Group - 1)				
TC holder	Type rating endorsement	Type structure	Maximum Take off Mass	
			2 T and Below	Above 2 T
AEROSTAR AIRCRAFT Corporation	Piper PA-60/61 Series (Lycoming)	Metal		X
American Champion	Champion 8 Series (Lycoming)	Wood + Metal tubing fabrics	X	
CESSNA AIRCRAFT Company/ AVIATION REIMS	Cessna 310/320 Series (Continental)	Metal		X
	Cessna 336 (Continental)	Metal	X	
	Cessna 421 (Continental)	Composite	X	
	Cessna T303 (Continental)	Metal		X
	Beech 55 Series (Continental)	Metal		X
	Beech 58 Series (Continental)	Metal		X
	Beech 58P (Continental)	Metal + Pressurised		X
	Beech 65-80 Series (Lycoming)	Metal		X
	Beech 76 (Lycoming)	Metal	X	
	Beech 95 Series (Lycoming)	Metal		X
Piper Aircraft	Piper PA-30 Series (Lycoming)	Composite	X	
	Piper PA-31 Series (Lycoming)	Composite		X
	Piper PA-31P (Lycoming)	Metal + Pressurised		X
	Piper PA-34 Series (Lycoming)	Metal	X	
	Piper PA-34 Series (Continental)	Metal	X	
VULCANAIR	Vulcanair P.68 Series (Lycoming)	Metal	X	
Cessna Aircraft Company	Cessna/Reims-Cessna 150/F150 Series (Continental)	Metal	X	
	Cessna/Reims-Cessna 152/F152 Series (Lycoming)	Metal	X	
	Cessna/Reims-Cessna 172/F172 Series (Lycoming)	Metal	X	
	Cessna/Reims-Cessna 172/F172 Series (Continental)	Metal	X	
	Cessna 172 Series (Thielert)	Metal	X	

GROUP - 3 PITON ENGINE AEROPLANE (Other than in Group - 1)				
TC holder	Type rating endorsement	Type structure	of Maximum Take off Mass	
			2 T and Below	Above 2 T
	Cessna 175 Series (Continental)	Metal	X	
	Cessna 177 Series (Lycoming)	Metal	X	
	Cessna 180 Series (Continental)	Metal	X	
	Cessna/Reims-Cessna 182/F182 Series (Lycoming)	Metal	X	
	Cessna/Reims-Cessna 182/F182 Series (Continental)	Metal	X	
	Cessna/Reims-Cessna 182/F182 Series (SMA)	Metal	X	
	Cessna 185 Series (Continental)	Metal	X	
	Cessna 206 Series (Continental)	Metal	X	
	Cessna 206 Series (Lycoming)	Metal	X	
HAWKER BEECHCRAFT Corporation	Beech 35 Series (Continental)	Metal	X	
	Beech 36 Series (Continental)	Metal	X	
LAVIA Argentina S.A (Laviasa)	Piper PA-25 Series (Lycoming)	Metal	X	
PILATUS AIRCRAFT	Pilatus PC-6 Series (Lycoming)	Metal		X
PIPER AIRCRAFT	Piper PA-23 Aztec (Lycoming)	Metal	X	
	Piper PA-24 Series (Lycoming)	Metal	X	
	Piper PA-28 Series (Lycoming)	Metal	X	
	Piper PA-28 Series (Continental)	Metal	X	
	Piper PA-28 Series (Thielert)	Metal	X	
	Piper PA-32 Series (Lycoming)	Metal	X	
	Piper PA-36 Series (Lycoming)	Metal	X	
	Piper PA-36 Series (Continental)	Metal	X	
SKY Int	Aviat Husky A (Lycoming)	Metal	X	

GROUP - 3 PITON ENGINE AEROPLANE (Other than in Group - 1)				
TC holder	Type rating endorsement	Type of structure	Maximum Take off Mass	
			2T and Below	Above 2 T
DIAMOND AIRCRAFT Industries	Diamond DA42 Series (Thielert)	Composite	X	
	Diamond DA42 Series (Austro Engine)	Composite	X	
CIRRUS Design Corporation	Cirrus SR20 (Continental)	Composite	X	
	Cirrus SR22 Series (Continental)			
DIAMOND AIRCRAFT Industries	Diamond DA40 (Lycoming)	Composite	X	
	Diamond DA40 D (Thielert)	Composite	X	
	Diamond DA40 (Austro Engine)	Composite	X	
NATIONAL AEROSPACE LABORATORIES	Hansa 3 (Rotax)	Composite	X	
OMA SUD SPA Sky Technologies	SKYCAR (Lycoming)	Metal	X	
TECNAM Costruzioni Aeronautiche	Tecnam P2006T (Rotax)	Metal	X	
	Tecnam P92 (Rotax)	Metal	X	
	Tecnam P2008 (Rotax)	Composite + Metal	X	
	Tecnam P2010 (Lycoming)	Composite + Metal	X	
Zenair Ltd.	Zenair CH2000 (Lycoming)	Metal	X	
Zlin Aircraft (Moravan Aviation)	Zlin Z-242 L (Lycoming)	Metal	x	
	Zlin Z-143 L (Lycoming)	Metal	X	