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**AIRWORTHINESS**

**AME AND LICENSING MATTERS**

**AIRCRAFT, ENGINES AND PROPELLER GROUPING**

☞ Indicates changes

☞ This AIC replaces AIC 65-10 dated 04-09-03.

1. In pursuance of the requirements of Civil Aviation Regulations 1997, as amended, applicant for the initial issue of an AME licence will only be allowed to write examinations on one type of airframe or engine or one group or sub-group of airframes or engines or one series of airframes or engines, in any one category.
2. In accordance with SA – CATS – GMR Part 43.02.6, all South African aircraft shall be maintained and periodically inspected in accordance with the requirements of approved manufacturers handbooks, or operations manuals, and in accordance with such schedules (herein referred to as maintenance schedules) as may from time to time be approved by the Commissioner as appropriate to the conditions of limitations imposed by classifications, and in the event of any conflict between the requirements of any such handbooks or manuals and the relevant maintenance schedules, the latter shall prevail.

With reference to aircraft to 5700kg and below, the provisions set out in SA – CATS - GMR will prevail.

For aircraft above 5700kg, the manufacturers maintenance schedule is individually approved for each aircraft by means of a preamble.

3. As the maintenance on aircraft above 5700kg is required to be conducted by an appropriately licenced AMO, it follows that an AME licence with ratings on any aircraft above 5700kg cannot be used for a certification basis for maintenance on these aircraft. Therefore, these aircraft will only be placed on a licence when accompanied by a valid Company Certification document.
4. Only aircraft types which are currently on the South African Civil Aircraft Register will be available for AME type ratings.
5. In accordance with Civil Aviation Regulations 1997, as amended, airframes and engines are grouped by the Commissioner for Civil Aviation as follows.

Airframes.

Group 1 - Aeroplanes of wooden construction, with a maximum certificated mass of 5700kg or less.

When reference is made in a licence to this group, the privileges of the licence may be exercised in respect of the following airframes:

<b><u>MANUFACTURER</u></b>	<b><u>MODEL</u></b>	<b><u>ICAO CODE</u></b>
DE HAVILLAND	DH-87 Hornet Moth	DH87
DE HAVILLAND	DH-89 Dragon Rapide	DH89

Group 2 - Aeroplanes constructed of composites, with a maximum certificated mass of 5700kg or less.  
When reference is made in a licence to this group, the privileges of the licence may be exercised in respect of the following airframes:

CIRRUS	SR20/SR22	SR20/SR22
DIAMOND	DA-20 Katana	DV20
EXTRA	300,350	E300
GROB	G-103C Twin 3SL	G103
GROB	G-109, Ranger (Vigilant)	G109
STEMME	S-10	S10S

Group 3 - Aeroplanes of fabric covered tubular metal construction, with a maximum certificated mass of 5700kg or less.

When reference is made in a licence to this group, the privileges of the licence may be exercised in respect of the following airframes:

AERONCA	15 Sedan	AR15
AUSTER	J-5 Adventurer	ADVE
AUSTER	Auster AOP6 (K,6A)	AUS6
BEECH	17 Staggerwing (UC-43 Traveler)	BE17
BELLANCA	7 Champ, Citabria	AR7
BELLANCA	8 Decathlon, Scout	BL8
BELLANCA	17 Viking, Super Viking, Turbo Viking	BL17
BOEING	75 Kaydet (PT-13, PT-17, PT-18, PT-27, N2S)	ST75
CHRISTEN	A-1 Husky	HUSK
DE HAVILLAND	DH-82 Tiger Moth	DH82
FAIRCHILD	F-24 (UC-61, JK, Forwarder, Argus)	FA24
MAULE	M-4 Bee Dee, Jetasen, Rocket, Astro Rocket, Strata Rocket	M4
MAULE	M-5, Strata Rocket, Lunar Rocket, Patroller	M5
MAULE	M-6 Super Rocket	M6
MAULE	M-7-235, MT-7, MX-7-160/180/235, MXT-7-160/180 Super Rocket, Star Rocket	M7
PIPER	J-3 Cub	J3
PIPER	PA-12 Super Cruiser	PA12
PIPER	PA-14 Family Cruiser	PA14
PIPER	PA-17 Vagabond	PA17
PIPER	PA-18 Super Cub variants	PA18
PIPER	PA-20 Pacer	PA20
PIPER	PA-22 Tri-Pacer, Caribbean, Colt	PA22
PIPER	PA-25 Pawnee	PA25
PITTS	S-2 Special	PTS2
STINSON	108 Voyager, Station Wagon	S108
TAYLORCRAFT	BC, BF, BL, Ace, Sportsman, Traveller	TAYB
TAYLORCRAFT	Plus C/D (Auster 1)	PLUS

Group 4 - Unpressurised aeroplanes of all-metal construction, with a maximum certificated mass of 5700kg or less.

When reference is made in a licence to this group, the privileges of the licence may be exercised in respect of the following airframes:

AERO	45	AE45
AERO COMMANDER	100 Commander 100	VO10
AERO COMMANDER	500 Commander 500	AC50
AERO COMMANDER	680F, Commander 680F	AC68
AERO COMMANDER	S-2 Ag Commander	SS2P
AEROSTAR	600, 601	AEST
AIR TRACTOR	AT-301/401	AT3P
AIR TRACTOR	AT-302/400/402	AT3T
AIR TRACTOR	AT-502/503	AT5T
AIR TRACTOR	AT-602	AT6T
ALLISON	36 Turbine Bonanza	B36T

AMERICAN GENERAL	AG-5 Tiger	AA5
AYRES	S-2R-600/R1340/R1820/R3S Thrush, Bull Thrush	SS2P
AYRES	S-2R-T11/T15/T34/T65/G6/G10 Turbo Thrush, V-1 Vigilante	SS2T
BEAGLE	B-121 Pup	PUP
BEECH	18 (C-45, RC-45, TC-45, UC-45, AT-7, AT-11 Kansan, SNB, JRB, Expeditor, Navigator)	BE18
BEECH	19 Musketeer Sport, Sport	BE19
BEECH	23 Musketeer, Sundowner	BE23
BEECH	24 Musketeer Super, Sierra	BE24
BEECH	33 Debonair, Bonanza (E-24)	BE33
BEECH	35 Bonanza	BE35
BEECH	36 Bonanza	BE36
BEECH	55 Baron (T-42 Cochise, C-55, E-20)	BE55
BEECH	56 Baron	BE56
BEECH	58 Baron	BE58
BEECH	65 Queen Air (U-8F Seminole)	BE65
BEECH	76 Duchess	BE76
BEECH	95 Travel Air	BE95
BRITTEN-NORMAN	BN-2, BN-2A/B Islander, Defender, Maritime Defender	BN2P
CESSNA	120	C120
CESSNA	140	C140
CESSNA	150, A150, Commuter, Aerobat	C150
CESSNA	152, A152, Aerobat	C152
CESSNA	170	C170
CESSNA	172, P172, R172, Skyhawk, Hawk XP, Cutlass (T-41, Mescalero)	C172
CESSNA	172RG Cutlass RG	C72R
CESSNA	175, Skylark	C175
CESSNA	177, Cardinal	C177
CESSNA	177RG Cardinal RG	C77R
CESSNA	180, Skywagon 180 (U-17C)	C180
CESSNA	182, Skylane	C182
CESSNA	R182, TR182 (Turbo) Skylane RG	C82R
CESSNA	185, A185 Skywagon, Skywagon 185, AgCarryall (U-17A/B)	C185
CESSNA	188, A188, T188 AgWagon, AgPickup, AgTruck, AgHusky	C188
CESSNA	195 (LC-126)	C195
CESSNA	206, P206, TP206, U206, TU206, (Turbo) Super Skywagon, (Turbo) Super Skylane, (Turbo) Skywagon 206, (Turbo) Stationair, (Turbo) Stationair 6	C206
CESSNA	207 (Turbo) Skywagon 207, (Turbo) Stationair 7/8	C207
CESSNA	208 Caravan 1, (Super) Cargomaster, Grand Caravan (U-27)	C208
CESSNA	210, T210, (Turbo) Centurion	C210
CESSNA	310, T310 (U-3, L-27)	C310
CESSNA	320 (Executive) Skyknight	C320
CESSNA	336	C336
CESSNA	337, M337, MC337, T337B/C/D/E/F/H (Turbo) Super Skymaster (O-2)	C337
CESSNA	401, 402, Utililiner, Businessliner	C402
CESSNA	404 Titan	C404
CESSNA	F406 Caravan 2	F406
CESSNA	T303 Crusader	C303
DE HAVILLAND	DHC-1 Chipmunk	DHC1
DE HAVILLAND CANADA	DHC-2 Mk1 Beaver (U-6, L-20)	DHC2
DE HAVILLAND CANADA	DHC-6 Twin Otter (UV-18, CC-138)	DHC6
DORNIER	Do-27 (Fpl53)	DO27
☛ DORNIER	228-100/200	D228
EMBRAER	110	E110
ERCO	415 Ercoupe	ERCO
GIPPSLAND	GA8	GA8
GIPPSLAND	GA20	GA20
GLOBE	GC-1 Swift	GC1

GRUMMAN	G-164 Ag-Cat, Super Ag-Cat	G164
GRUMMAN AMERICAN	AA-1 Trainer, Tr2, T-Cat, Lynx	AA1
GRUMMAN AMERICAN	AA-5 Traveler, Cheetah, Tiger	AA5
GRUMMAN AMERICAN	G-164 Ag-Cat, Super Ag-Cat	G164
GRUMMAN AMERICAN	G-164 Turbo Ag-Cat	G64T
HELIO	H-391/392/395/250/295/700/800, HT-295 Courier, Strato-Courier, Super Courier (U-10)	COUR
MOONEY	M-20, 201, 205, 231, 252, ATS, MSE, PFM, TLS, Mark 21, Super 21, Ranger, Master, Chaparral, Executive, Statesman, Ovation	M20
☛ MOONEY	M22, Mustang	M22
MORANE-SAULNIER	MS-880 to 893 Rallye, Rallye Club, Super Rallye, Rallye Commodore	RALL
NAVION	Rangemaster	RANG
PARTENAVIA	P-64/66 Oscar, Charlie	OSCR
PARTENAVIA	P-68, Victor, Observer	P68
PARTENAVIA	AP-68TP-600 Viator	VTOR
PIAGGIO	P-166, P-166A/B/C/DL2/M/S, Portofino, Albatross	P66P
PILATUS	PC-6A/B/C Turbo-Porter (UV-20 Chiricahua)	PC6T
PIPER	PA-23-150/160 Apache	PA23
PIPER	PA-23-235/250 Aztec, Turbo Aztec (U-11, E-19, UC-26)	PA27
PIPER	PA-24 Comanche	PA24
☛ PIPER	PA-28-140/150/151/160/161/180/181 Cherokee, Archer, Cadet, Dakota, Turbo Dakota, Warrior, Cherokee Archer/ Challenger/ Charger/ Chief/ Cruiser/ Flite Liner/ Pathfinder/Warrior	PA28
PIPER	PA-28R-180/200/201 Cherokee Arrow, Arrow 2/3, Turbo Arrow 3	P28R
☛ PIPER	PA-28RT-201/201T Arrow 4, Turbo Arrow 4	P28T
PIPER	PA-30/39 Twin Comanche, Twin Comanche CR, Turbo Twin Comanche	PA30
PIPER	PA-31 Navajo, Piper, Chieftain	PA31
PIPER	PA-32 Cherokee Six, Six, Saratoga, Turbo Saratoga	PA32
PIPER	PA-32R Cherokee Lance, Lance, Saratoga SP, Turbo Saratoga SP	P32R
PIPER	PA-32RT Lance 2, Turbo Lance 2	P32T
PIPER	PA-34 Seneca	PA34
PIPER	PA-36 Pawnee Brave	PA36
PIPER	PA-38 Tomahawk	PA38
PIPER	PA-44 Seminole, Turbo Seminole	PA44
PIPER	PA-60, Aerostar	AEST
PZL-MIELEC	M-18 Dromader	M18
PZL-OKECIE	PZL-106AT/BT Turbo Kruk	PZ6T
PZL-OKECIE	PZL-104 Wilga	PZ04
REIMS	F172, FP172, FR172, Skyhawk, Reims Rocket, Hawk XP	C172
ROCKWELL	112, 114 Commander 112/114, Alpine Commander, Gran Turismo Commander	CM11
SCHWEIZER	G-164 Ag-Cat, Super Ag-Cat	G164
SCHWEIZER	G-164 Turbo Ag-Cat, Ag-Cat Turbine	G64T
SIAI-MARCHETTI	S-205-18F/20F	S05F
SIAI-MARCHETTI	S-205-18R/20R/22R	S05R
SIAI-MARCHETTI	S-208	S208
SIAI-MARCHETTI	SF-260A/B/C/D/M/W, Warrior	F260
SHORT	SC-7 Skyvan	SC7
SOCATA	MS-880 to 894, Rallye, Rallye Club/ Minerva/ Commodore, Gabier, Gaillard, Galérien, Galopin, Garnement, Gaucho, Guerrier	RALL
SOCATA	TB-10/200 Tobago, GT	TOBA
SOCATA	TB-20/21 Trinidad, GT, Pashosh	TRIN
☛ TECNAM	P2002-JF	
TRANSAVIA	PL-12 Airtruk, Skyfarmer	PL12
ROBIN	HR-100 Royal, Safari, Tiara, President	HR10
ROBIN	HR-200, R-200, Acrobin	HR20
ROBIN	DR-400 Cadet, Chevalier, Dauphin 4/80/2+2, Earl, Major, Major 80, Petit Prince, Regent, Remo 180/200/212, Remorqueur, 2+2	DR40

ZLIN	Z-42/142/242	Z42
ZLIN	Z-50	Z50

Group 5 - Pressurised aeroplanes of all-metal construction, with a maximum certificated mass of 5700kg or less.

When reference is made in a licence to this group, the privileges of the licence may be exercised in respect of the following airframes:

AERO COMMANDER	680F, 680FP Commander 680F/680FP	AC68
AERO COMMANDER	680FL Grand Commander	AC6L
AEROSTAR	601P	AEST
BEECH	58 Baron (Pressurised)	BE58
BEECH	60 Duke	BE60
BEECH	90, A90 to E90 King Air (T-44, VC-6)	BE9L
BEECH	F90 King Air	BE9T
BEECH	100 King Air (U-21F Ute)	BE10
BEECH	200, 300, 350 and 900 Super King Air, Commuter (C-12A to F, C-12L, UC-12, RC-12, Tp101, Huron)	BE20
CESSNA	P210 Pressurised Centurion	P210
CESSNA	340	C340
CESSNA	414, Chancellor	C414
CESSNA	421, Golden Eagle, Executive Commuter	C421
CESSNA	425 Corsair, Conquest 1	C425
CESSNA	441 Conquest, Conquest 2	C441
CESSNA	500, 501 Citation, Citation 1/1SP	C500
CESSNA	525 CitationJet, Citation CJ1	C525
CESSNA	525A Citation CJ2	C25A
☛ FAIRCHILD - SWEARINGENS	SA226 Merlin	SW4
GULFSTREAM - AEROSPACE	690, 695 Jetprop Commander 840/900/980/1000	AC90/95
LEAR JET	23	LJ23
MITSUBISHI	MU-2, Marquise, Solitaire (LR-1)	MU2
PILATUS	PC-12	PC12
PIPER	PA-31P Navajo, Pressurised Navajo, Mojave, T-1020 (E-18)	PA31
PIPER	PA-31T Cheyenne, Cheyenne 1/2, T-1040 (E-18B)	P31T
PIPER	PA-42 Cheyenne 3/400/1000	PA42
PIPER	PA-46 Malibu, Malibu Mirage	PA46
PIPER	PA-60, Aerostar (Pressurised)	AEST
RAYTHEON	390 Premier 1	PRM1
ROCKWELL	690, 695 Turbo Commander, Jetprop Commander 840/980/1000	AC690/95
☛ SOCATA	TBM 700	TBM7

Group 6 - Unpressurised aeroplanes of all-metal construction, with a maximum certificated mass exceeding 5700kg.

Certification of these aircraft is subject to valid company certification held, and will be granted on individual aircraft types only.

BASLER	Turbo 67	DC3T
CASA	352L, C-212, CN-235	JU52/ C-212, CN-235
☛ DORNIER	228-201/202	D228
DOUGLAS	DC-3, DST (C-47, C-47A to J, AC-47, EC-47, HC-47, LC-47, RC-47, TC-47, VC-47 Skytrain, C-53 Skytrooper, C-117A/B/C, R4D-1 to 7, Dakota)	DC3
DOUGLAS	DC-4 (C-54, EC-54, HC-54, TC-54, VC-54, R5D Skymaster)	DC4
LET	L-410/420 Turbolet	L410

SCHAFFER	DC-3-65TP	DC3T
SHORT	SD3-60	SH36

Group 7 - Rotorcraft powered by reciprocating engines.

When reference is made in a licence to this group, the privileges of the licence may be exercised in respect of the following airframes:

BELL	47G, Trooper (OH-13 Sioux, TH-13T, UH-13H, HE-7)	B47G
BELL	47J Ranger (HH-13, TH-13N, UH-13J/P/R)	B47J
ENSTROM	F-28, 280, Shark, Falcon, Sentinel	EN28
HILLER	UH-12B/C/E, E4, L3, L4, SL3, SL4 (H-23, OH-23 Raven, HTE)	UH12
HUGHES	269, 200, 280, 300, TH-300, Sky Knight (TH-55 Osage, HE-20, Hkp5)	H269
ROBINSON	R-22	R22
ROBINSON	R-44 Astro	R44
SCHWEIZER	269, 300, TH-300, Sky Knight (TH-55 Osage, Hkp5)	H269
WESTLAND	Sioux	B47G

Group 8 - Pressurised aeroplanes of all-metal construction, with a maximum certificated mass exceeding 5700kg.

Certification of these aircraft is subject to valid company certification held, and will be granted on individual aircraft types only.

AIRBUS	A-300	A300
AIRBUS	A-319/320/321	A319
AIRBUS	A-320	A320
AIRBUS	A-340-200	A-342
AIRBUS	A-340-300	A-343
AIRBUS	A-340-600	A-346
ATR	ATR-42/72	ATR
BAC	111 One-Eleven	BA11
☛ BAE	3100 Jetstream 31	JS31
BAE	4100 Jetstream 41	JS41
BEECH	300 Super King Air	BE30
BEECH	B300 Super King Air 350	B350
BEECH	400 Beechjet (T-1 Jayhawk)	BE40
BEECH	1900 (C-12J)	B190
BOEING	707-100/300	B701/ B703
BOEING	727 (C-22)	B727
BOEING	737-100/200, Surveiller (CT-43, VC-96)	B732
BOEING	737-300	B733
BOEING	737-400	B734
BOEING	737-600	B737
BOEING	737-800	B738
BOEING	747-100/200/300 (E-4, VC-25)	B742
BOEING	747-400	B744
BOEING	747SP	B74S
BOEING	767	B767
BRITISH AEROSPACE	BAe-125-700/800 (C-29)	H25B
☛ BOMBARDIER	BD-100 Challenger 300	CL30
BOMBARDIER	BD-700 Global Express	GLEX
CANADAIR	CL-600/601/604 Challenger (CC-144, CE-144)	CL60
CESSNA	550, S550, 551, 552 Citation 2/S2/2SP/Bravo (T-47, OT-47, U-20)	C550
CESSNA	560 Citation 5	C560
☛ CESSNA	680 Citation Sovereign	C680

☛ CESSNA CONVAIR	750 Citation 10 CV-240/340/440/580 Convairliner, Metropolitan (C-131, HC-131, RC-131, TC-131, VC-131F/G, T-29, VT-29, ET-29, VT-29, Samaritan)	C750 CVLP
DASSAULT DASSAULT ☛ DASSAULT DASSAULT	Falcon 10, Mystere 10 Falcon 50, Mystere 50 Falcon 20/200, Mystere 20/200 Falcon 900, Mystere 900	FA10 FA50 FA20 F900
☛ DASSAULT DE HAVILLAND CANADA DOUGLAS EMBRAER	Falcon 2000, 2000 EX DHC-8 Dash 8 (E-9, CT-142, CC-142) DC-9 120	F2TH DHC8 DC9 E120
FOKKER FOKKER ☛ FAIRCHILD - SWEARINGEN	F-27 Friendship, Troopship, Maritime (C-31, D-2) F-28 Fellowship SA227 Metro	F27 F28 SW4
GATES LEARJET GATES LEARJET GATES LEARJET GATES LEARJET GRUMMAN ☛ GRUMMAN GULFSTREAM - AEROSPACE ☛ GULFSTREAM - Aerospace HAWKER SIDDELEY HAWKER SIDDELEY	24 25 31 35, 36 (C-21, RC-35, RC-36, U-36) G-159 Gulfstream 1 (TC-4 Academe, VC-4) G-1159 Gulfstream 2 G-1159 Gulfstream 3/4/5 (C-20, S102, Tp102) 200 HS-748 (Andover, C-91) HS-125-1/2/3/400/600 (Dominie, EC-93, EU-93, VC-93, VU-93)	LJ24 LJ25 LJ31 LJ35 G159 GULF GULF GALX A748 H25A
☛ IAI	1125 Astra, Gulfstream 100	ASTR
LEARJET LEARJET LEARJET LEARJET LEARJET LEARJET LEARJET LOCKHEED  ☛ SAAB	24 25 31 35 (C-35, R-35, VU-35) 45 60 C-130, AC-130, CC-130, DC-130, EC-130, HC-130, JC-130, KC-130, LC-130, MC-130, NC-130, RC-130, TC-130, VC-130, WC-130, T-10, TK-10, TL-10, Tp84 Hercules, Spectre, Aya, Karnaf, Sapeer (L-100/182/282/382) 340	LJ24 LJ25 LJ31 LJ35 LJ45 LJ60 C130  SF34

Group 9 - Rotorcraft powered by turbine engines, with a maximum certificated mass of 5700kg or less.

When reference is made in a licence to this group, the privileges of the licence may be exercised in respect of the following airframes:

AEROSPATIALE AEROSPATIALE AEROSPATIALE AEROSPATIALE AEROSPATIALE AEROSPATIALE AEROSPATIALE AEROSPATIALE	AS-350/550 Ecureuil, Astar, SuperStar, Fennec AS-355/555 Ecureuil 2, TwinStar, Fennec SA-341/342 Gazelle SA-315 Lama SA-316/319 Alouette 3 (HD-16) SA-318 Alouette 2 SA-365C Dauphin 2 SA-365F/K/M/N/S, AS-365/366/565 Dauphin 2, Panther (HH-65 Dolphin, Dolpheen)	AS50 AS55 GAZL LAM1 ALO3 AL02 S65C AS65
AGUSTA	A-109 (Power)	A109
BELL	206A/B/L, 406, TH-206 JetRanger, LongRanger, Combat Scout (OH-58 Kiowa, Kiowa Warrior, TH-67 Creek, TH-57 SeaRanger, VH-4, COH-58, CH-136/139)	B06
BELL	212, 412, Twin Two-Twelve, Griffon (UH-1N, VH-1, CUH-1N, CH-135/146, Twin Huey)	B12

BELL	222, 230, 430	B222
BELL	407	B407
ENSTROM	480, TH-28	EN48
EURO COPTER	EC-120	EC20
☛ EURO COPTER	EC-130	EC30
EURO COPTER	EC-135	EC35
EURO COPTER	EC-155	EC55
FAIRCHILD HILLER	FH-1100	FH11
HUGHES	369, 500, 530F, Defender (OH-6 Cayuse, MH-6B/C/E/H, AH-6C/G, HS-13)	H500
MESSERSCHMITT-BOLKOW	BO-105	B105
MBB	BK-117	BK17
MCDONNELL DOUGLAS	MD-600N	MD60
SIKORSKY	S-62 (HH-52 Seaguard)	S62
SIKORSKY	S-76, H-76, AUH-76, Spirit, Eagle (HE-24)	S76

Group 10 - Rotorcraft powered by turbine engines, with a maximum certificated mass exceeding 5700kg.

Certification of these aircraft is subject to valid company certification held, and will be granted on individual aircraft types only.

AEROSPATIALE	SA-321 Super Frelon	FREL
AEROSPATIALE	SA-330 Puma (CH-33, HT-19)	PUMA
MIL	Mi-8/9/17/171/172	MI8
SIKORSKY	S-61A/B/D/L/N (SH-3, UH-3, VH-3, HSS-2, CH-124, HS-9, Sea King, Nuri)	S61

### **ENGINES**

Group 01 All certified horizontal opposed normally aspirated piston engines:

<u>TELEDYNE CONTINENTAL MOTORS :</u>	A and C Series, O and G0-300 series, E, O- and IO-360, - 470, - 520, 550 and 6-285 series.
<u>FRANKLIN:</u>	6A-335, 6A-350, 6A4-150, and 6A8-215 series.
<u>LYCOMING:</u>	0-145, 0-235 AND 0-290 series. 0-, IO-, AEIO-, VO-, IVO-, HO-, GSO- and HIO-320, -360, -480, -540, -541 and -720 series.
☛ <u>ROTAX</u>	912S2

GROUP 02: All certificated horizontally opposed turbo normalized, turbocharged and supercharged piston engines:

<u>TELEDYNE CONTINENTAL MOTORS:</u>	TIO-, TSIO-, LTSIO- , GTSIO-360, -470, -520 AND -550 series.
<u>LYCOMING:</u>	TSO-, TSIO-, TGSIO-, and IGSO-300, -480, -540, -541 and -720 series engines.
☛ <u>SMA</u>	SR305-230

GROUP 03: ALL INLINE PISTON ENGINES:  
Blackburn Cirrus minor and major series. DH Gipsy major, Gipsy six and Gipsy Queen. Walter 337A, M137, M601Z, minor series 4/111, minor 6-111 and mikron 111AE, Ranger 6-440 series.



**GROUP 04:** RADIAL ENGINES.  
Lycoming R-680 series. Pratt and Whitney R985, R1340, R1830, R2000, R2800 and Double Wasp series. Pezetel AF2-620R. Warner Super Scarab 165. Curtiss Wright R1820 - C9CC Series. PZL-Kalisz 1 AS2-621-M18. Jacobs R-755 series. PZL A1-14 RA, Continental W670.

**GROUP 05:** TURBINE ENGINES:  
ALLIED Sign/GE; CFE 738.  
ALLISON 250-C, 250-817C, 250-C20, 250-C20B, 250-C28B, 501-013 and 501022A series

CFM INTERNATIONAL; CFM-56 series

☞ GENERAL ELECTRIC; CF34-3A, CF6-50, CF6-80, CF700, CJ610-4, CJ610-8, CT58-110-1 and CT58-140-1 series; CT7 series.

☞ GARRETT AIRE; TPE331-3UW, TPE338-5-251K, TPE331-6-251M, TPE331-8/9, TFE731, TPE331-5-252D, TPE 331-14, TPE 331-10/11 and ATF3 series.

☞ HONEYWELL AS907-1-1A

☞ INTERNATIONAL AEROSPACE ENGINES IAE V2500 Series

ROLLS ROYCE; Dart 532-2L, 532-7, 500, 515, 529-8X and RB211-524 series.

Spey 500, 511-14 and 555-15P series.

TAY 611-8 and Viper 522 series.

TREND 500 Series.

ROLLS ROYCE/ALLISON;

AE3007A

ROLLS ROYCE;

BR700-710-AI-10, BR700-710 A2-20

WILLIAMS-ROLLS;

FJ44

☞ PRATT AND WHITNEY CANADA

PT6A-20-27-28, -28/34, -41/42, -60, -65, -67 series. PT6C, PT6T-3 and -6 series. PW305, PW306 A/C, PW308 series, PW545, PW535 series, PW118A, PW 120, 121, 123, 124B. JT15D series.

☞ PRATT AND WHITNEY

JT-3D, JT-8D-7, JT8D-9, JT9D series and 4000 series.

UAC;

JT14D

LYCOMING;

ALF502 and 502R-3 series.

TURBOMECA;

Artouste, Aztazau 2A and 3 series. Bastian V10.

VEMAENYEN M148

## **PROPELLERS**

(a) Variable pitch propellers of metal construction, fitted to piston engine powered aircraft with a maximum certificated mass of 5 700 kg or less.

(b) Variable pitch propellers of composite construction, fitted to piston engine powered aircraft with a maximum certificated mass of 5 900 kg or less.

(c) Variable pitch propellers of metal construction, fitted to turbine powered aircraft with a maximum certificated mass of 5 700 kg or less.

(d) Variable pitch propellers of composite construction, fitted to turbine powered aircraft with a maximum certificated mass of 5 700 kg or less.

(e) Hamilton standard propeller:

Models: 12D40

23E50-6153-18

23E50 - 650T

54H60-91-117

220 series

23D and E series

Hydromatic propellers

(f) DOWTY ROTOL

Models: CR212-4-30-4-22

R193-4-30-4-61

R130-4-20-4-12

R193-4-30-4-50

R184-4-30-4-50  
R193-4-30-4-63  
R193-4-30-4-64  
R193-4-30-4-65  
R212-4-20-4-22  
R257-4-30-4-60  
R201-4-30-4-20  
R251-4-30-4-49

(g) FAIREY REED

Models: A66753-5X1  
A66696X38  
A66697X7  
FR-3653

(h) PZL-Warzawa AW-2-30

**COMMISSIONER FOR CIVIL AVIATION**