

APPENDIX TO AIRWORTHINESS NOTICE NO. 4

COMPLIANCE

The directives listed in this Appendix are mandatory for Malaysian registered aircraft. The reference number in the left hand column of the tables should be quoted in aircraft records when certifying compliance with the associated directive.

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REFERENCE NUMBER	AIRCRAFT/ENGINE/PROPELLER/EQUIPMENT CONCERNED	ASSOCIATED MATERIAL	REQUIREMENT/COMPLIANCE	REMARKS
MACD 84/01	Bell 206 A/B	N/A	<p>a) With aircraft in normal calibration attitude, 5 U.S. gallons in fuel tank and bus bar voltage of 27.5, adjust gauge to read zero. Check calibration at 5 and 10 U.S. gallons.</p> <p>b) Check gauge reading on battery only and with generator on Jine at Flight Idle rpm.</p> <p>Compliance required before issue of C of A and for aircraft in service at periods not exceeding 12 months since last calibration.</p>	
MCAD 84/02	Bell 206 A/B	N/A	<p>a) At 300 hours intervals or not exceeding twelve month drain fuel tank and carry out internal inspection for contamination</p> <p>b) At 1200 hours intervals or not exceeding 3 years remove fuel tank for cleaning and detailed inspection.</p> <p>Compliance required before issue of C of A for used aircraft if action required by (a) and (b) have not been previously completed within the periods specified. Repeat at specified intervals.</p>	
MCAD 84/03	Bell 206 A/B	TB206-81-56	<p>Inspect and modify engine bellmouth attach fittings as necessary in accordance with Technical Bulletin.</p> <p>Compliance required before issue of C of A or not later than next 100 hours inspection for existing Malaysia registered aircraft.</p>	
MCAD 84/04	Cessna 206 Varians	N/A	<p>Inspect flap motor support arm for looseness and down limit switch for condition, particularly cracking.</p> <p>Complete at next and every subsequent 100 hours inspection.</p>	
MCAD 84/05	Dehavilland Aircraft of Canada DHC-6	SB 6/415	<p>Introduction of OPEN/CLOSED labels to cockpit and rear doors. Compliance required before issue of C of A. DCA will consider alternative modifications to SB 6/415</p>	
MCAD 84/06	Dehavilland Aircraft of Canada DHC-6	SB 6/368	<p>Removal from service of lithium batteries in Emergency Locator Transmitters.</p> <p>Compliance required before issue of C of A.</p>	

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MACD 84/07	Allison 250-B17, C20, C28 series engines	N/A	Inspection power turbine inner and outer shaft and associated components for corrosion at 900 hours interval since last inspection.	Inspection requirements apply to all shafts regardless of CEB compliance standard
MCAD 84/08	Allison 250-C28 and – C30 series engines	CEB 72-2063 CEB 72-3059	Introduction of roller bearing at the No 2 ½ location in lieu of the existing ball bearing. Compliance required at the next overhaul of all compressor and gearbox modules	Operators should note that pre and post modification compressor/gearbox modules are not interchangeable
MCAD 84/09	Allison 250-B17, C20, C28 series engine	Allison Gas Turbine Operation & Maintenance Manual	a) Inspection and cleaning of power turbine support scavenge oil strut. b) Inspection and cleaning of power turbine support strut pressure oil nozzle. For all engines with 500 hours or more in service since new/last overhaul comply with (a) and (b) within 10 hours or within 100 hours from when (a) and (b) were last completed, whichever is later Repeat interval 100 hours	
MCAD 84/10	Installation of Cockpit Voice Recorders in helicopters certified in the Transport Category	Airworthiness Notice No.18	Helicopters certified in the Transport Category with a MWTA of more than 2730 kg or a seating capacity of 9 passengers or more are required to be fitted with a CVR and an underwater sonar detection device. Refer to Airworthiness Notice No. 18 for compliance details.	
MCAD 86/11	Seats (except seats located within the flight deck) in aeroplanes and rotorcraft over 5700 kg. MTWA for which a Type Certificate was issued by any Contracting state on or after 1 st January, 1958 and certificated in the Transport Category.	Airworthiness Notice No. 39 FAR 25, Appendix F, Part II at Amendment 25-59	Encapsulation of seat cushions with a fire blocking layer. Refer to Airworthiness Notice No. 39 for compliance details.	

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MCAD 86/12 Rev. 1	Aeroplane certificated in Transport Category fitted with an emergency lighting system in the passenger compartments	Airworthiness Notice No. 56 Issue 2	Provision of floor proximity emergency escape path markings and illumination. Refer to Airworthiness Notice No. 56 for compliance details.	
MCAD 86/14 Rev.2	Type III and IV emergency exits fitted to aeroplane over 5700 kg MWT A, certificated in the Transport Category to carry 20 or more passengers.	Airworthiness Notice No. 50 Issue 3	Improvements to effectivity of Type III and Type IV emergency exits. Refer to Airworthiness Notice No. 50 for details and compliance.	
MCAD 86/15	Aircraft over 57000 kg MWT A certificated in the Transport Category	Airworthiness Notice No. 32	Introduction of improved fire containment, detection and protection in aircraft cabins and toilets. Refer to Airworthiness Notice No. 32 for requirements and compliance details	Previous compliance with CAA Airworthiness Notice No. 60 and 83 satisfies this requirement.
MCAD 86/16	Electric toilet flush motor systems installed in aircraft over 5700 kg MWT A	Airworthiness Notice No.31	Requirement for protection on electric toilet flush motor systems. Compliance required before issue of a Certificate of Airworthiness.	Previous compliance with CAA Airworthiness Notice No. 57 satisfies this requirement.
MCAD 86/17	Electrical Power supplies for aircraft radio system.	Airworthiness Notice No. 25	Requirements to ensure that no likely single failure of a component will result in the loss of all radio systems or both systems in the case of duplicate installations. Compliance required before issue of a Certificate of Airworthiness.	Previous compliance with CAA Airworthiness Notice No. 76 satisfies this requirement.
MCAD 86/18	Emergency electrical power supplies for artificial horizons. Aircraft certified in the Transport Category for the carriage of more than 19 passengers and aircraft over 15000 kg MWT A	Airworthiness Notice No. 20	Requirements to ensure that bank and pitch information are available following total failure of main electrical system, for a minimum period of 30 minutes. Compliance required before issue of a Certificate of Airworthiness.	Previous compliance with CAA Airworthiness Notice No. 81 satisfies this requirement.

REFERENCE NUMBER	AIRCRAFT/ENGINE/PROPELLER/EQUIPMENT CONCERNED	ASSOCIATED MATERIAL	REQUIREMENT/COMPLIANCE	REMARKS
MACD 86/19	Electrical generation systems on aircraft below 5700 kg MTWA	Airworthiness Notice No. 19	Requirements for provision of unmistakable warning of loss of generated power and of sufficient electrical energy to operate essential services for a minimum period of 30 minutes following the power loss. Compliance required before issue of a Certificate of Airworthiness.	Previous compliance with CAA Airworthiness Notice No. 82 satisfies this requirement.
MCAD 86/20	Mainwheel tyres fitted to Boeing 747 and McDonnell Douglas DC 10 aircraft.	Airworthiness Notice No. 15	Aircraft types listed must be equipped with high speed main wheels tyres (rated over 160 mph) complying with the requirements of TSO C26C or an equivalent standard which is approved by the DCA and which will preserve a specified load reserve factor.	
MCAD 86/21	Vertical speed indicators	Airworthiness Notice No. 32	<p>a) Aircraft which are subject of an application for issue of a Certificate of Airworthiness in the Transport Category: Vertical speed indicators must be fitted with limit stops.</p> <p>b) Aircraft other than those classified in paragraph (a): Vertical speed indicators must be fitted with limit stops or placarded in accordance with Airworthiness Notice No. 17</p>	
MCAD 86/22	Galley equipment including catering trolleys	Airworthiness Notice No.47	Refer to Airworthiness Notice No, 47 for details. Compliance required before issue of a Certificate of Airworthiness	Previous compliance with CAA Airworthiness Notice No. 99 satisfies this requirement.
MCAD 86/23	ADF equipment installed in turbine engine aeroplanes and rotorcraft	Airworthiness Notice No. 16	Installation of digitally tuned ADF equipment issue of a Certificate of Airworthiness. Refer to Airworthiness Notice No. 16 for details.	Previous compliance with CAA Airworthiness Notice No. 85 satisfies this requirement.

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MACD 86/24	Internal emergency lighting systems in aircraft certified for night flying, with seat capacity for more 19 passengers.	Airworthiness Notice No. 21	Provision of emergency lighting systems, to facilitate aircraft evacuation, which are independent of any acceleration sensitive, battery master and normal lighting switches. Required as a condition for the issue of a Certificate of Airworthiness.	Previous compliance with CAA Airworthiness Notice No.42 satisfies this requirement.
MCAD 86/25	Containers used in aircraft for the transportation of cargo, including livestock.	Airworthiness Notice No. 34	Refer to Airworthiness Notice No. 34 for details. Compliance required with effect from issue date of Notice	Previous compliance with CAA Airworthiness Notice No.92 satisfies this requirement.
MCAD 86/26	Starter motor circuits – aircraft below 5700 kg MWTa.	Airworthiness Notice No. 33	Introduction of modification to prevent the risk of fire associated with jammed starter relay contacts. Refer to Notice for details.	Previous compliance with CAA Airworthiness Notice No.33 satisfies this requirement.
MCAD 86/27	Variable pitch propellers – all aircraft.	Airworthiness Notice No.37	Detailed requirements for inspection and overhaul of variable pitch propellers. Refer to Notice for details.	Previous compliance with CAA Airworthiness Notice No. 75 satisfies this requirement.
MCAD 86/28	Combustion heaters and their associated exhaust systems – all aircraft.	Airworthiness Notice No. 41	Detailed requirements for inspection and test of combustion heaters. Refer to Notice for details.	Previous compliance with CAA Airworthiness Notice No. 41 satisfies this requirement.
MCAD 86/29	Ground Proximity Warning System. Aircraft certificated in the Transport Category for the carriage of more than 30 passengers an aircraft over 15000 kg MTWA	CAA specification No. 14	Compliance required before issue of a Certificate of Airworthiness	System will be assessed by DCA before acceptance

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MCAD 88/30 Rev. 1	Aeroplanes over 5700 kg MTWA and certificated in the Transport Category (Passenger) to carry 20 or more passengers.	Airworthiness Notice No. 59	Improved flammability test standards for cabin interior materials. Refer to Airworthiness Notice no. 59 for details and compliance	Previous compliance with CAA Airworthiness Notice No. 61 satisfies this requirement
MCAD 88/31	Aeroplanes over 5700 kg MTWA	Airworthiness Notice No. 30	Inflation media for aircraft tyres. Refer to Airworthiness Notice no. 30 for details and compliance	Previous compliance with CAA Airworthiness Notice No. 70 satisfies this requirement
MCAD 88/32 Rev. 1	Aeroplanes less than 5700 kg MTWA	Airworthiness Notice No. 26 LTO 011 & 025	Installation of Emergency Locator Transmitter (ELT). Refer to Airworthiness Notice no. 26 for details and compliance	
MCAD 88/33 Rev. 1	Aeroplanes over 5700 kg MTWA and certificated in the Transport Category	Airworthiness Notice No. 60	Fire containment capability for class C and D cargo or baggage compartment. Refer to Airworthiness Notice no. 60 for details and compliance	Previous compliance with CAA Airworthiness Notice No. 80 satisfies this requirement
MCAD 88/34	Beech 200 series aircraft	LTO 001	Erroneous engine fire indication	
MCAD 88/35	All instrument and Flight Research Inc altimeters Part No. IFR45-20M	LTO 002	Removal from service until further notice	
MCAD 88/36	British Aerospace 125 aircraft with Garrett TFE 731-3 engines	LTO 003	Modification i.a.w. British Aerospace SB 72-1-2844A	
MCAD 88/37	Bell 206B and 206L helicopters	LTO 004	Modification of Hydraulic system switch	
MCAD 88/38	Airbus A300 aircraft	LTO 005	Fuel Crossfeed Valve – to prevent failure of valve during a single engine diversion on ETOPS flight	Compliance with FAA AD 80-21-03 satisfies this requirement

REFERENCE NUMBER	AIRCRAFT/ENGINE/PROPELLER/EQUIPMENT CONCERNED	ASSOCIATED MATERIAL	REQUIREMENT/COMPLIANCE	REMARKS
MCAD 88/39	Twin engined aircraft with engine over heat and fire detector system	LTO 007	To preclude possibility of erroneous engine failure information	
MCAD 89/40	Sikorsky S61N Helicopters	LTO 009	Removal from service – Helical gears	
MCAD 89/41	Boeing 737-200 aircraft	LTO 010	Inspection of aileron centering mechanism springs	
MCAD 89/42	Piper PA-28 series aircraft fitted with Curtiss fuel strainer drain valve	LTO 012	Placarding of the Curtiss fuel strainer drain valve	
MCAD 90/43	Piper PA-38-112 aircraft	LTO 013	Inspection of main landing gear stub axle for cracks	
MCAD 90/44	Pilatus PC-6 aircraft	LTO 014	Inspection of lift strut assembly	
MCAD 90/45	Aerospatiale AS355 Helicopters	LTO 015	Battery over-temperature sensor check	
MCAD 90/46	Beech 200 aircraft	LTO 016	Inspection of fuselage skin under the wing fillet for corrosion	
MCAD 90/47	Sikorsky S61 Helicopters	LTO 017	Tightening Torque Check of nuts of T-bolts connecting input drive shaft to main gearbox flange	
MCAD 90/48	Sikorsky S61 Helicopters	LTO 018	Inspection of Main Rotor Head Sleeve and Spindle Assembly	
MCAD 91/49	Aircraft below 5700 kg MTWA fitted with electrically operated stall warning	LTO 019	Electrical test on the stall warning horns	
MCAD 91/50	Boeing 737 aircraft fitted with Type III exit handles with integral moulded cover clamped to the operating handle	LTO 020	Modification to clarify operating procedures	Compliance with UK CAA Additional AD 021-07-901 satisfies this requirement

REFERENCE NUMBER	AIRCRAFT/ENGINE/PROPELLER/EQUIPMENT CONCERNED	ASSOCIATED MATERIAL	REQUIREMENT/COMPLIANCE	REMARKS
MCAD 91/51	Aeroplanes over 5700 kg MTWA certificated in Transport category and configured to carry 20 or more passengers	Airworthiness Notice No. 61	Minimum space for seated passengers. Refer to Airworthiness Notice No. 61 for details and compliance	
MCAD 91/52	Portable oxygen equipment carried in Transport (Passenger) category aircraft over 5700 kg MTWA and all aeroplanes manufactured after 1 January 1991 over 5700 kg MTWA	Airworthiness Notice No. 63	Portable oxygen equipment pressure relief.. Refer to Airworthiness Notice No. 63 for details and compliance	
MCAD 94/53	All F50 aircraft	LTO 021. FOKKER SBF 50-30-012.	Burning at back of windshield wiper switch panel. Inspect/Modify	
MCAD 94/54	PA18-150 SUPER CUB	LTO 022 Piper SB 706B	Failures of the lower horizontal stabilizer brace wire fuselage attachment tab. Inspect/Modify.	
MCAD 94/55	Bell 206 Helicopter/Allison 250 engines	LTO 023. CAA UK AD 010-12-92	Loose or damaged connections on plumbing to or from the Compressor, Gas Producer, fuel Combustion Unit or Power Turbine Governor causing flame out. Maintenance Instructions.	
MCAD 94/56	Aerospatiale AS 355 Helicopters	LTO 026 DGAC AD CN84-045-022	Tail rotor blade and pitch change link failure. Inspect/Report.	