สำนักงานการบินพลเรือนแห่งประเทศไทย The Civil Aviation Authority of Thailand	Checklist Number: CAAT-AIR-CL-CER-CA-304 Checklist Name: Checklist for Aeroplane Equipment Inspection AID Applicability: Location: Date:

Importance: The purpose and content of this checklist are to provide and facilitate the thorough inspection and assessment of aircraft equipment in the order to ensure safe and reliable operation. The information contained within this checklist serves as a comprehensive guide for AIR's inspectors to evaluate the condition and functionality of various aircraft (aeroplanes) systems and components. The checklist is designed to aid inspectors in identifying any discrepancies or deficiencies in equipment performance and compliance with regulatory requirements.
By systematically reviewing and documenting the status of each item.

Operator Details		
Name of Operator:	AOC number:	
Competent Authority:		
Aircraft Details		
Aircraft Type:	Aircraft Registration:	Serial Number:
Certificate of Airworthiness No.:	Issue Date:	Expire Date:

S = Satisfy
U = Unsatisfied
N/A = Not Applicable
Comment = Description the detail of compliance or Non-Compliance or other information.

Note: If the space provided is inadequate, please use the overleaf page with reference to the particular item.

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
1.	**Identify and check for compliance – medical supplies and safety equipment.**			AOCR CH 10 Item 2.2 and Appendix S				
	First Aid Kits	Shall be distributed as evenly as practicable throughout the passenger cabins and shall be readily accessible to cabin crew members.	0 – 100 pax = 1 101 – 200 pax = 2 201 – 300 pax = 3 301 – 400 pax = 4 401 – 500 pax = 5 More than 500 pax = 6					
	Universal Precaution Kits		With cabin crew = 1					
	Medical Kit	More than 2 hours sector length or	More than 100 pax = 1					
	Portable Fire Extinguishers	No substances that deplete the Ozone Layer as listed in the 1987 Montreal Protocol on, ICAO Annex A, Group II.	Pilots compartment = 1 Each pax compartment = 1					
	Built in Fire Extinguishers		Each lavatory disposal receptacle for towels, paper, or waste = 1					
	Seat or Berth	For each person over the age of 24 months.	Each person: 1					
	Seat Belt		Each person seat: 1					
	Restraining Belt		Each person berth: 1					
	Safety Harness		Each flight crew seat: 1					
	Automatic Restraining Harness	The safety harness hall incorporates a device which will automatically restrain the occupant's torso in the event of rapid deceleration.	Each pilot seat: 1					
	Information and Instructions for each criteria:	When seat belts are to be fastened.	Each pax seat: 1					
		When and how oxygen equipment is to be used if the carriage of oxygen is required.	Each pax seat: 1					
		Restrictions on smoking.	Each pax seat: 1					
		Location and use of life jackets or equivalent individual flotation devices where their carriage is required.	Each pax seat: 1					
		Location and method of opening emergency exits.	Each pax seat: 1					
	Spare electrical fuses	Appropriate rating for replacement of those accessible in flight.	As installed					
2.	**Identify and check for compliance – on-board documents.**			AOCR CH 2 Item 35.1, AOCR CH 10 Item 2.3, AOCR Appendix O and Air Navigation Act B.E.2497 Section 16				
	Operations Manual		1					
	Aircraft Operating Manual or Flight Crew Operating Manual		1					
	Aircraft Flight Manual		1					
	Other information necessary for the operation of the aeroplane within the terms of its certificate of airworthiness	As may be prescribed by the authority.	1					
	Current and Suitable Aeronautical Charts	Cover the route of the proposed flight and any route along which it is reasonable to expect that the flight may be diverted.	1					
	Certificate of Registration		1					
	Nationality and Registration Mark		1					
	Registration Plate		1					
	Certificate of Airworthiness		1					

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
	Journey Log		1					
	Technical Log		1					
	Licenses and Medical Assessment of the Flight Crew		1					
	Radio License		1					
	Noise Certificate		1					
	Third-Party Liability Insurance Certificate(s)		1					
	Certified True Copy Air Operator Certificate and Copy of Operations Specifications Relevant to the Aircraft Type		1					
	Airport Performance Data		1					
	Standard Operating Procedure and Checklists for Normal, Abnormal and Emergency Procedures		1					
	Minimum Equipment List / Configuration Deviation List		1					
	Load Sheet or Weight and Balance Report		1					
	Passenger Manifests		1					
	Cargo Manifests		1					
	Operational Flight Plan		1					
	A Copy of The ATS Flight Plan		1					
	Route-specific NOTAM and AIS briefing documentation		1					
	Meteorological information appropriate to the flight		1					
	Any information on Search and Rescue Services	Cover the route of the proposed Flight.	1					
	Information concerning any dangerous goods that are on board the aircraft	If applicable.	1					
	A copy of the procedures to be followed by the Pilot-in Command of an intercepted aircraft	As published in an official publication by the AIS provider (such as an AIC, AIP or NOTAM).	1					
	A copy of the visual signals for use by intercepting and intercepted aircraft	As published in an official publication by The AIS Provider (Such as an AIC, AIP, or NOTAM).	1					
	Aircraft Bomb Search Procedure Checklist		1					
3.	**Identify and check for compliance - marking of break-in points (if any).**			AOCR CH 10 item 2.4				
	Applicable to: All aeroplanes for which areas of the fuselage suitable for break-in by rescue crews in an emergency.							
	Break-in point	- The colour of the markings shall be red or yellow, and if necessary, they shall be outlined in white to contrast with the background. - If the corner markings are more than 2 m apart, intermediate lines 9 cm × 3 cm shall be inserted so that there is no more than 2 m between adjacent markings.	-	AOCR CH 10 item 2.4.1 and 2.4.2				

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
4.	**Identify and check for compliance - Flight Recorders (FDR or AIR or ADRS)**			AOCR CH 10 item 3 and Appendix V				
	Applicable to: All turbine-engine aeroplanes with MCTOM 5700 kg or less and type certification application submitted to a contracting state on or after 1 January 2016.							
	FDR or	- Record at least the first 16 parameters and record at least 25 hours of their operation, and, in addition, sufficient information from the preceding take-off for calibration purposes. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.1, 3.1.2, 3.1.3 and Appendix V				
	Class C AIR or AIRS or	- Capable of recording flight path and speed parameters displayed to the pilot(s). - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.1, 3.1.2 and Appendix V				
	ADRS	- Shall record at least the first 7 parameters. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1					
	Applicable to: All aeroplanes with MCTOM over 27000 kg and Individual C of A first issued by a contracting state on or after 1 January 1989.							
	FDR	- Shall record at least the first 32 parameters and record at least 25 hours of their operation, and, in addition, sufficient information from the preceding take-off for calibration purposes. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.2, 3.1.2, 3.1.3 and Appendix V				
	Applicable to: All aeroplanes with MCTOM over 5700 kg, up to and including 27000 kg and Individual C of A first issued by a contracting state on or after 1 January 1989.							
	FDR	- Shall record at least the first 16 parameters and record at least 25 hours of their operation, and, in addition, sufficient information from the preceding take-off for calibration purposes. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.3, 3.1.3 and Appendix V				
	Applicable to: All turbine-engine aeroplanes with MCTOM over 5700 kg and individual C of A first issued by a contracting state before 1 January 1989, except those in AOCR CH 10 Item 3.1.1.5.							
	FDR	- Shall record at least the first 5 parameters and record at least 25 hours of their operation, and, in addition, sufficient information from the preceding take-off for calibration purposes. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.4, 3.1.2, 3.1.3 and Appendix V				
	Applicable to: All turbine-engine aeroplanes with MCTOM over 27000 kg and individual C of A first issued by a contracting state on or after 1 January 1987 but before 1 January 1989 and Type Certificate approved by a contracting state after 30 September 1969.							
	FDR	- Shall record at least the first 16 parameters and record at least 25 hours of their operation, and, in addition, sufficient information from the preceding take-off for calibration purposes. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.5, 3.1.2, 3.1.3 and Appendix V				

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
	Applicable to: All aeroplanes with MCTOM over 5700 kg and individual C of A first issued by a contracting state on or after 1 January 2005.							
	FDR	- Shall record at least the first 78 parameters and record at least 25 hours of their operation, and, in addition, sufficient information from the preceding take-off for calibration purposes. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.6, 3.1.2, 3.1.3				
	Applicable to: All aeroplanes with MCTOM over 5700 kg and type certification application submitted to a contracting state on or after 1 January 2023.							
	FDR	- Shall record at least the first 82 parameters and record at least 25 hours of their operation, and, in addition, sufficient information from the preceding take-off for calibration purposes. - Shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape.	1	AOCR CH 10 item 3.1.1.7, 3.1.2, 3.1.3 and Appendix V				
5.	**Identify and check for compliance - Cockpit Voice Recorder (CVR) and Cockpit Audio Recording Systems (CARS).**			AOCR CH 10 item 3.2				
	Applicable to: All turbine-engine aero planes operated by more than 1 pilot with MCTOM over 2250 kg up to and including 5700 kg and type certification application submitted to a contracting state on or after 1 January 2016 and required to be operated by more than one pilot.							
	CVR or CARS	- Shall record at least 2 hours. - Shall not use magnetic tape or wire.	1	AOCR CH 10 item 3.2.1.1, 3.2.2 and 3.2.3.1				
	Applicable to: All aeroplanes with MCTOM over 5700 kg and individual C of A first issued by a contracting state on or after 1 January 1987.							
	CVR	- Shall record at least 2 hours. - Shall not use magnetic tape or wire.	1	AOCR CH 10 item 3.2.1.2, 3.2.2 and 3.2.3.1				
	Applicable to: All turbine-engine aeroplanes with MCTOM over 27000 kg whose individual C of A first issued by a contracting state before 1 January 1987 and type certification approved on or after 30 September 1969.							
	CVR	- Shall record at least 2 hours. - Shall not use magnetic tape or wire.	1	AOCR CH 10 item 3.2.1.3, 3.2.2 and 3.2.3.1				
	Applicable to: All aeroplanes of a maximum certificated take-off mass of over 27000 kg for which the individual certificate of airworthiness is first issued on or after 1 January 2022.							
	CVR	- Shall record at least 25 hours. - Shall not use magnetic tape or wire.	1	AOCR CH 10 item 3.2.2 and 3.2.3.2				
	Applicable to: All aeroplanes that are required to be equipped with CARS, which the individual certificate of airworthiness is first issued on or after 1 January 2025.							
	CARS	- Shall retain the information recorded during at least the last 2 hours of their operation. - Shall not use magnetic tape or wire.	1	AOCR CH 10 item 3.2.2 and 3.2.3.3				
6.	**Identify and check for compliance for Cockpit voice recorder alternate power source**			AOCR CH 10 item 3.2				
	Applicable to: All aeroplanes with MCTOM over 27000 kg and type certificate approved on or after 1 January 2018.							
	Alternate power source	- Shall automatically engage and provide 10 minutes (+/- one minute) of operation whenever aeroplanes power to the recorder ceases, either by normal shutdown or by any other loss of power. - Shall power the CVR and its associated cockpit area microphone components. - Be located as close as practicable to CVR. - Powers the forward CVR in the case of combination recorders.	1	AOCR CH 10 item 3.2.4.1 and 3.2.4.2				

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
7.	**Identify and check for compliance - Data Link Recorder (DLR)**			AOCR CH 10 item 3.3				
	Applicable to: All aeroplanes whose individual C of A first issued by a contracting state on or after 1 January 2016, utilizing any of the data link communications applications referred to AOCR item 5.1.2 of Appendix V and are required to carry a CVR.							
	Data Link Recorder (DLR)	- Shall record the data link communications messages on a crash-protected flight recorder. - Shall record at least equal to the duration of the CVR. - Shall be able to be correlated to the recorded cockpit audio.	1	AOCR CH 10 item 3.3.1.1, 3.3.2 and 3.3.3				
	Applicable to: All aeroplanes whose individual C of A first issued by a contracting state before 1 January 2016 and are modified on or after 1 January 2016, utilizing any of the data link communications applications referred to AOCR item 5.1.2 of Appendix V and are required to carry a CVR.							
	DLR	- Shall record the data link communications messages on a crash-protected flight recorder unless the installed data link communications equipment is compliant with a type certificate issued or aircraft modification first approved prior to 1 January 2016. - Shall record at least equal to the duration of the CVR. - Shall be able to be correlated to the recorded cockpit audio.	1	AOCR CH 10 item 3.3.1.2, 3.3.2 and 3.3.3				
8.	**Identify and check for compliance - Flight Crew-Machine Interface Recordings.**			AOCR CH 10 item 3.4 and Appendix V				
	Applicable to: All aeroplanes of a maximum take-off mass of over 27 000 kg for which the application for type certification is submitted to a Contracting State on or after 1 January 2023.							
	Flight crew-machine interface recordings	- Shall be equipped with a crash-protected flight recorder which shall record the information displayed to the flight crew from electronic displays, as well as the operation of switches and selectors by the flight crew as defined in AOCR item 6 of Appendix V. - Shall record at least for the last 2 hours. - Shall be able to be correlated to the recorded cockpit audio.	1	AOCR CH 10 item 3.4.1.1, 3.4.2 and 3.4.3				
9.	**Identify and check for compliance - Combination Recorders.**			AOCR CH 10 item 3.5.4				
	Applicable to: All aeroplanes of a MCTOM of over 15000 kg for which the application for type certification application submitted to a contracting state on or after 1 January 2016, and which are required to be equipped with both a CVR and an FDR.							
	Combination recorders (FDR/CVR)		1 Located as close to the cockpit as practicable and 1 Located as far aft as practicable	AOCR CH 10 item 3.5.4.1				
10.	**Identify and check for compliance - Flight Recorder Data Recovery.**			AOCR CH 10 item 3.6				
	Applicable to: All aeroplanes of a MCTOM of over 27000 kg and authorized to carry more than nineteen passengers for which the application for type certification application submitted to a contracting state on or after 1 January 2021.							
	The equipment which makes flight recorder data available in a timely manner (such as Global Aeronautical Distress Safety System (GADSS))		1	AOCR CH 10 item 3.6.1 and 3.6.2				

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
11.	**Identify and check for compliance - equipment for aeroplanes operated as VFR flights.**			AOCR CH 10 item 4				
	Applicable to all aeroplanes operated as VFR flights.							
	Magnetic Compass		1	AOCR CH 10 item 4.1				
	Accurate timepiece	Indicating hours, minutes and seconds.	1					
	Sensitive pressure altimeter		1					
	Airspeed indicator		1					
	Additional instruments or equipment		As Required by criteria					
12.	**Identify and check for compliance - equipment for seaplanes on flights over water.**			AOCR CH 10 item 5				
	Applicable to: All seaplane flights over water.							
	Life jacket, or equivalent individual flotation device	- Equipped with a means of electric illumination. - Stowed in a position easily accessible from the seat or berth of the person for whose use it is provide.	Each person: 1	AOCR CH 10 item 5.1 and 5.3.2				
	Equipment for making sound signals	As prescribed in the International Regulations for Preventing Collisions at Sea, where applicable.	1					
	Sea anchor (drogue)		1					
13.	**Identify and check for compliance - equipment for landplanes on flights over water.**			AOCR CH 10 item 5.2				
	Applicable to: All landplane flights over water.							
	Life jacket, or equivalent individual flotation device	- Equipped with a means of electric illumination. - Stowed in a position easily accessible from the seat or berth of the person for whose use it is provide.	Each person: 1	AOCR CH 10 item 5.2.1 and 5.3.2				
	Note 1: Applicable when flying over water and at a distance of more than 93 km (50 NM) away from the shore, in the case of landplanes operated in accordance with AOCR CH 2 item 29.6 (a) or 29.6 (b) of Chapter 2. Note 2: Applicable when flying en-route over water beyond gliding distance from the shore. Note 3: Applicable when taking off or landing at an aerodrome where the take-off or approach path is so disposed over water that in the event of a mishap there would be a likelihood of a ditching. Note 4: Life jackets accessible from seats or berths located in crew rest compartments are required only if the seats or berths concerned are certified to be occupied during take-off and landing.							
14.	**Identify and check for compliance - equipment for long range over water flights.**			AOCR CH 10 item 5.3				
	Applicable to: All aeroplanes on long range over water flights require additional equipment in addition to the equipment prescribed in AOCR CH 10 item 5.1 or 5.2 whichever is applicable.							
	Life-saving rafts	Stowed so as to facilitate their ready use in emergency Including means of sustaining life as is appropriate to the flight to be undertaken. Applicable when operated in conditions stated in the notes below.	Sufficient number to carry all persons on board	AOCR CH 10 item 5.3.1 (a)				
	Equipment for making pyrotechnical distress signals	Applicable when operated in conditions stated in the notes below.	1	AOCR CH 10 item 5.3.1 (b)				
	Applicable to: all aeroplanes operated in accordance with AOCR CH 2 item 29.6 (a) or 29.6 (b) with MCTOM over 27000 kg required to be equipped with ULB before 1 January 2018.							
	Underwater locating device	Complying with SAE AS6254 standard, operating at a frequency of 8.8 kHz. Capable of operating for a minimum of 30 days. Securely attached and shall not be installed in wings or on empennage.	1	AOCR CH 10 item 5.3.1 (c)				
	Note: Applicable when flying over water and at more than a distance corresponding to 120 minutes at cruising speed or 740 km (400 NM), whichever is the lesser, away from land suitable for making an emergency landing in the case of aircraft operated in accordance with AOCR CH 2 item 29.6 (a) or 29.6 (b), and 30 minutes or 185 km (100 NM), whichever is the lesser.							

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
15.	**Identify and check for compliance - aeroplanes on flights over designated land areas.**			AOCR CH 10 item 6				
	Applicable to: Aeroplanes on flights over designated land areas which have been designated by the State concerned as areas in which search and rescue would be especially difficult.							
	Signaling Devices		1					
	Life-saving equipment	Including means of sustaining life as may be appropriate to the area overflown.	Sufficient numbers to carry all persons on board					
16.	**Identify and check for compliance - equipment for aeroplanes on high altitude flights.**			AOCR CH 10 item 7				
	Applicable to: Aeroplanes operated at flight altitudes at which the atmospheric pressure is less than 700 hPa (10000 ft) in personnel compartments.							
	Oxygen storage and Dispensing apparatus	Capable of storing and dispensing oxygen supplies in accordance with the AOCR item 7.1.1 of Chapter 2.	As required by criteria	AOCR CH 10 item 7.1				
	Applicable to: Aeroplanes operated at flight altitudes at which the atmospheric pressure is less than 700 hPa (10000 ft) but provided with means of maintaining pressures greater than 700 hPa in personnel compartments.							
	Oxygen storage and Dispensing apparatus	Capable of storing and dispensing oxygen supplies in accordance with the AOCR item 7.1.2 of Chapter 2.	As required by criteria	AOCR CH 10 item 7.2				
	Applicable to: Pressurized aeroplanes newly introduced into service on or after 1 July 1962 operated at flight altitudes at which the atmospheric pressure is less than 376 hPa (25000 ft).							
	Low cabin pressure warning system	Providing positive warning to the flight crew of any dangerous loss of pressurization.	1	AOCR CH 10 item 7.3				
	Applicable to: An aeroplanes intended to be operated at flight altitudes at which the atmospheric pressure is less than 376 hPa, or which, if operated at flight altitudes at which the atmospheric pressure is more than 376 hPa, cannot descend safely within four minutes to a flight altitude at which the atmospheric pressure is equal to 620 hPa and for which the individual certificate of airworthiness is first issued on or after 9 November 1998.							
	Automatically Deployable Oxygen Equipment	Satisfy the AOCR item 7.1.2 of Chapter 2.	Exceed the number of passenger and cabin crew seats by at least 10 percent	AOCR CH 10 item 7.4				
17.	**Identify and check for compliance - aeroplanes in icing conditions.**			AOCR CH 10 item 8				
	Applicable to: All aeroplanes expected to encounter icing conditions.							
	De-icing and/or anti-icing devices	when operated in circumstances in which icing conditions are reported to exist or are expected to be encountered.	1					
18.	**Identify and check for compliance - equipment for aeroplanes operated in accordance with IFR.**			AOCR CH 10 item 9				
	Applicable to: All aeroplanes operated in accordance with IFR.							
	Magnetic compass		1	AOCR CH 10 item 9.1				
	Accurate timepiece	Indicating the time in hours, minutes and seconds.	1					
	Sensitive pressure altimeters	Equipped with counter drum-pointer or equivalent presentation	2					
	Airspeed indicating system	With means of preventing malfunctioning due to either condensation or icing.	1					
	Turn and slip indicator		1					
	Attitude indicator (artificial horizon)		1					
	Heading indicator (directional gyroscope)		1					
	Power Supply Indicator to the Gyroscopic Instrument		1					
	Outside Air Temperature indicator		1					
	Rate-of-climb and Descent Indicator		1					
	Additional instruments or equipment	As may be prescribed by the authority.						

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
	Applicable to: All aeroplanes with MCTOM over 5700 kg.							
	Emergency power supply for electrically operated attitude indicating instruments	- Independent of the main electrical generating system. - Electrically operating and illuminating attitude indicating instruments for a minimum period of 30 minutes, an attitude indicating instrument (artificial horizon), clearly visible to the pilot-in command. - Automatically operative after the total failure of the main electrical generating system. - Clear indication shall be given on the instrument panel that the attitude indicator(s) is being operated by emergency power.	As required by criteria.	AOCR CH 10 item 9.2.1				
19.	**Identify and check for compliance - equipment for aeroplanes when operated at night.**			AOCR CH 10 item 10				
	Applicable to: All aeroplanes when operated at night.							
	All equipment specified in accordance with IFR equipment (Item no. 18)							
	Lights	As required by Regulation of Civil Aviation Board no. 94 on Rules of the Air for Aircraft in Flight or Operating on the Movement Area of an Aerodrome.	As required by criteria					
	Landing lights		2 Landing lights					
	Instrument panel lighting	All instruments and equipment that are essential for the safe operation of the aeroplanes that are used by the flight crew.	As required by criteria					
	Lights in all passenger compartments		Each pax compartment: 1					
	Independent portable light		Each crew member station: 1					
20.	**Identify and check for compliance - Weather radar equipment.**			AOCR CH 10 item 11				
	Applicable to: All pressurized aeroplanes carrying passengers.							
	Operative weather radar	Required when operated in areas where thunderstorms or other potentially hazardous weather conditions may be expected to exist along the route either at night or under instrument meteorological conditions (IMC).	1					
21.	**Identify and check for compliance - Radiation detector.**			AOCR CH 10 item 12				
	Applicable to: All aeroplanes operated above 15000 m (49000 ft).							
	Radiation Detector	Measuring and indicating continuously: -The dose rate of total cosmic radiation being received (i.e. the total of ionizing and neutron radiation of galactic and solar origin). - The cumulative dose on each flight. - The display unit of the equipment is readily visible to a flight crew member.	1					
22.	**Identify and check for compliance - aeroplanes complying with the noise certification standard.**			AOCR CH 10 item 13				
	Applicable to: All aeroplanes complying with the noise certification standard.							
	A document attesting noise certification	Written in English	1					

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
23.	**Identify and check for compliance - aeroplanes with speed limitations expressed in terms of Mach number.**			AOCR CH 10 item 14				
	Applicable to: All aeroplanes with speed limitations expressed in terms of Mach number.							
	Mach number indicator		1					
24.	**Identify and check for compliance - aeroplanes required to be equipped with Ground Proximity Warning Systems (GPWS).**			AOCR CH 10 item 15				
	Applicable to: All turbine-engine aeroplanes with MCTOM over 5700 kg or authorized to carry more than 9 passengers.							
	GPWS which has a forward-looking terrain avoidance function	Providing the warnings: - Excessive descent rate - Excessive terrain closure rate - Excessive altitude loss after take-off or go-around - unsafe terrain clearance while not in landing configuration: 1) gear not locked down 2) flaps not in a landing position; and - excessive descent below the instrument glide path	1	AOCR CH 10 item 15.1 and 15.6				
	Applicable to: All turbine-engine aeroplanes with MCTOM of 5700 kg or less and authorized to carry more than 5, but not more than 9, passengers. for which the individual certificate of airworthiness is first issued on or after 1 January 2026.							
	GPWS which has a forward-looking terrain avoidance function	Providing the warnings: - Excessive descent rate - Excessive altitude loss after take-off or go-around. - Unsafe terrain clearance	1	AOCR CH 10 item 15.3 and 15.6				
	Applicable to: All piston-engine aeroplanes with MCTOM over 5700 kg or authorized to carry more than 9 passengers							
	GPWS which has a forward-looking terrain avoidance function	Providing the warnings: - Excessive descent rate - Excessive altitude loss after take-off or go- around - Unsafe terrain clearance	1	AOCR CH 10 item 15.4 and 15.6				
	Note: A GPWS shall provide automatically a timely and distinctive warning to the flight crew when the aeroplane is in potentially hazardous proximity to the earth's surface							
25.	**Identify and check for compliance - cabin crew seats.**			AOCR CH 10 item 16				
	Applicable to: All Aeroplanes for which the individual certificate of airworthiness is first issued on or after 1 January 1981 and carrying passengers.							
	Cabin Crew Seats	- Installed forward or rearward facing within 15 degrees of the longitudinal axis of the aeroplanes and - Fitted with a safety harness and - Located near floor level and other emergency exits for emergency evacuation.	1 per cabin crew	AOCR CH 10 item 16.1 and 16.2				
26.	**Identify and check for compliance - Emergency Locator Transmitter (ELT).**			AOCR CH 10 item 17				
	Applicable to: All aeroplanes carrying more than 19 passengers except as provided in AOCR CH 10 item 17.2.							
	ELT	Shall operate simultaneously at 121.5 MHz and 406 MHz.	Automatic Type: 1, or Any Type: 2	AOCR CH 10 item 17.1 and 17.6				

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
	Applicable to: All aeroplanes authorized to carry more than 19 passengers and individual C of A first issued by a contracting state after 1 July 2008.							
	ELT	- Equipped with at least 2 ELT one of which shall be automatic; or At least one ELT and a capability that meets the requirements of AOCR CH 10 item No.18. - Shall operate simultaneously at 121.5 MHz and 406 MHz.	As required by criteria	AOCR CH 10 item 17.2 and 17.6				
	Applicable to: All aeroplanes authorized to carry 19 passengers or less except aeroplanes prescribed in AOCR CH 10 item 17.4 and individual C of A first issued by a contracting state after 1 July 2008.							
	ELT	Shall operate simultaneously at 121.5 MHz and 406 MHz.	Any Type: 1	AOCR CH 10 item 17.3 and 17.6				
	Applicable to: All aeroplanes authorized to carry 19 passengers or less and individual C of A first issued by a contracting state after 1 July 2008.							
	ELT	Shall operate simultaneously at 121.5 MHz and 406 MHz.	Automatic Type :1	AOCR CH 10 item 17.4 and 17.6				
	Note 1: ELT that is capable of transmitting on 406 MHz shall be registered and coded in accordance with the relevant provisions of Annex 10, Volume III to the Convention on International Civil Aviation.							
27.	**Identify and check for compliance - Location of an Aeroplanes in Distress Equipment.**			AOCR CH 10 item 18 and Appendix R				
	Applicable to: As of 1 January 2025, all aeroplanes of a maximum certificated take-off mass of over 27000 kg for which the individual certificate of airworthiness is first issued on or after 1 January 2024.							
	The equipment which autonomously transmits information (such as Autonomous Distress Tracking (ADT))	Shall autonomously transmit information from which a position can be determined by the operator at least once every minute, when in distress, in accordance with Appendix R.	1	AOCR CH 10 item 18.1				
	Note: The operator shall make position information of a flight in distress available to the appropriate search and rescue center.							
28.	**Identify and check for compliance - Airborne Collision Avoidance System: ACAS II.**			AOCR CH 10 item 19				
	Applicable to: All turbine-engine aeroplanes with MCTOM over 5700 kg or authorized to carry more than 19 passengers.							
	ACAS II	- ACAS X or - The Traffic Alert and Collision Avoidance Systems (TCAS) Version 7.1	1	AOCR CH 10 item 19.1 and 19.3				
	Note: The ACAS II shall operate in accordance with the relevant provisions of Annex 10, Volume IV.							
29.	Pressure-altitude reporting transponder	Provides pressure-altitude information with a resolution of 7.62 m (25 ft), or better.	1	AOCR CH 10 item 20.3				
	Note: Pressure-altitude reporting transponder shall operate in accordance with the relevant provisions of Annex 10, Volume IV to the Convention on International Civil Aviation.							
30.	Microphones	Boom or Throat microphones capable of operating below the transition level/altitude.	Sufficient for all crews in the flight deck	AOCR CH 10 item 21				
31.	**Identify and check for compliance - Forward-Looking Wind Shear Warning System.**			AOCR CH 10 item 22				
	Applicable to: All turbine-jet aeroplanes with Certified MTOM over 5700 kg or authorized to carry more than 9 passengers.							
	Forward-looking wind shear warning system.			AOCR CH 10 item 22.1				
32.	**Identify and check for compliance - aeroplanes operated by a single pilot under IFR or at night.**			AOCR CH 10 item 23				
	Applicable to all aeroplanes operated by a single pilot under IFR or at night.							
	Auto Pilot	Serviceable with at least altitude hold and heading select modes.	1					
	A headset	With Boom microphones or equivalent.	1					
	Means of displaying charts	Enable the charts to be readable in all ambient light conditions.	1					

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
33.	**Identify and check for compliance - Aeroplanes equipped with Head Up Displays (HUD) or equivalent or Enhanced Vision System (EVS) or Synthetic Vision System (SVS) and/or Combined Vision System (CVS).**			AOCR CH 10 item 24				
	Applicable to: All aeroplanes that are required to operate under a specific approval for HUD or equivalent EVS, SVS, CVS.							
	HUD or equivalent EVS, SVS, CVS or any combination of those systems into a hybrid system	As required by specific approval for HUD or equivalent EVS, SVS, CVS	As required by criteria.	AOCR CH 10 item 24 and Appendix N				
	NOTE: the equipment shall meet the appropriate airworthiness certification requirements.							
34.	**Identify and check for compliance - aeroplanes equipped with Electronic Flight Bags (EFBs).**			AOCR CH 10 item 13				
	Applicable to: All aeroplanes that are required to operate under a specific approval for EFB.							
	Electronic Flight Bags (EFBs)	As required by specific approval for EFB.	As required by criteria					
	NOTE: the equipment shall meet the appropriate airworthiness certification requirements.							
35.	**Identify and check for compliance - Runway Overrun Awareness and Alerting System (ROAAS).**			AOCR CH 10 item 26				
	Applicable to: All turbine-engine aeroplanes with MCTOM over 5700 kg for which the individual certificate of airworthiness is first issued on or after 1 January 2026.							
	ROAAS		1					
36.	**Identify and check for compliance - Communications equipment.**			AOCR CH 11 item 1				
	Communications equipment	- Two-way communication for aerodrome control purposes. - Receiving meteorological information at any time during flight. - Conducting two-way communication at any time during flight with aeronautical stations on specified frequencies. - Two-way communication by using emergency frequency 121.5 MHz.	As required by criteria	AOCR CH 11 item 1.1 and 1.2				
	Applicable to: All aeroplanes that are required to operate under a specific approval for PBC.							
	Communication equipment	In accordance with AOCR on the specific approval for PBC.	As required by criteria.	AOCR CH 11 item 1.3				
	NOTE: the equipment installation shall be such that the failure of any single unit required for communication, navigation or surveillance purposes or any combination thereof will not result in the failure of another unit required for communication, navigation or surveillance purposes.							
37.	**Identify and check for compliance - navigation equipment.**			AOCR CH 11 item 2				
	Navigation equipment	- Enable an aeroplanes to proceed in accordance with its operational flight plan and the requirements of air traffic services, when, if not so precluded by the appropriate authority, navigation for flights under VFR. - Shall be sufficiently provided with navigation equipment to ensure that, in the event of the failure of one item of equipment at any stage of the flight, the remaining equipment will enable the aeroplane to navigate.	As required by criteria.	AOCR CH 11 item 2.1 and 2.11				
	Applicable to: All aeroplanes that are required to operate under a specific approval for PBN, MNPS, RVSM.							
	Navigation equipment	- In accordance with AOCR on the specific approval for PBN, MNPS, RVSM or on operations under instrument meteorological conditions. - Shall be sufficiently provided with navigation equipment to ensure that, in the event of the failure of one item of equipment at any stage of the flight, the remaining equipment will enable the aeroplane to navigate.	As required by criteria	AOCR CH 2 Item 24 and CH 11 item 2.2, 2.5, 2.6 and 2.11				

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
	Applicable to: All aeroplanes that are required to operate under instrument meteorological conditions.							
	Navigation equipment	- Provides with radio equipment capable of receiving signals providing guidance to a point from which a visual landing can be effected. - Providing such guidance for each aerodrome at which it is intended to land in instrument meteorological conditions and for any designated alternate aerodromes.	As required by criteria	AOCR CH 2 Item 24 and CH 11 item 2.12				
	NOTE: the equipment installation shall be such that the failure of any single unit required for communication, navigation or surveillance purposes or any combination thereof will not result in the failure of another unit required for communication, navigation or surveillance purposes.							
38.	**Identify and check for compliance - surveillance equipment.**			AOCR CH 11 item 3				
	Surveillance equipment	Which will enable an aeroplanes to operate in accordance with the requirements of air traffic services.	As required by criteria	AOCR CH 11 item 3.1				
	Applicable to: All aeroplanes that are required to operate under a specific approval for PBS.							
	Surveillance equipment	In accordance with AOCR on the specific approval for PBS.	As required by criteria	AOCR CH 11 item 3.2				
	NOTE: the equipment installation shall be such that the failure of any single unit required for communication, navigation or surveillance purposes or any combination thereof will not result in the failure of another unit required for communication, navigation or surveillance purposes.							
39.	**Identify and check for compliance - Electronic navigation data.**			AOCR CH 11 item 5				
	Applicable to: All aeroplanes installed with electronic navigation data approved by CAAT.							
	Electronic navigation data	The products delivered have met acceptable standards of integrity and that the products are compatible with the intended function of the equipment that will use them.	1	AOCR CH 11 item 5.1				
40.	**Identify and check for compliance - instruments/equipment for Extended Diversion Time Operations (EDTO).**			AOCR CH 2 items 22				
	Applicable to: All two-turbine engine aeroplanes operating under EDTO.							
	Instruments/equipment	In accordance with AOCR on the specific approval for EDTO	As required by criteria					
41.	**Identify and check for compliance - Instrument Landing System, Precision Approach Landing Category I, II, III.**			AOCR CH 2 item 13				
	All aeroplanes operated under ILS, Precision Approach Landing Category I, II, III.							
	Instruments/equipment	In accordance with AOCR on the specific approval for ILS CAT II, III.	As required by criteria.					
42.	**Identify and check for compliance - Automatic Dependent Surveillance Broadcasts (ADS-B) Out Operations.**			AOCR CH 2 item 39				
	Applicable to: All aeroplanes operated under ADS-B operation.							
	Instruments/equipment	In accordance with AOCR on the specific approval for ADS-B.	As required by criteria					
43.	**Identify and check for compliance - Controller Pilot Data Link Communications (CPDLC) and Automatic Dependent Surveillance Contract (ADS-C).**			AOCR CH 2 item 24				
	Applicable to: All aeroplanes operated under CPDLC and ADS-C operation.							
	Instruments/equipment.	In accordance with AOCR on the specific approval for CPDLC and ADS-C.	As required by criteria.					
44.	**Identify and check for compliance - equipment for approved single engine turbine-powered aeroplanes at night and/or in IMC.**			AOCR APPENDIX M item 2				
	Applicable to: All aeroplanes with approved single engine turbine-powered aeroplanes at night and/or in IMC.							
	Instruments/equipment	In accordance with AOCR Appendix M.	As required by criteria					

No.	Checklist Item	Criteria	Minimum Equipment required	Reference	S	U	N/A	Comment (Operator and AIR)
45.	**Identify and check for flight deck security equipment.**			AOCR CH 2 item 26				
	Applicable to: All aeroplanes which are equipped with a flight crew compartment door.							
	Flight crew compartment door	Shall be capable of being locked, and means shall be provide by which cabin crew can discreetly notify the flight crew in the event of suspicious activity or security breaches in the cabin.	As required by criteria	AOCR CH 2 item 26.1				
	Applicable to: passenger-carrying aeroplanes with a maximum certificated take-off mass in excess of 54500 kg or aeroplanes with maximum certificated take-off mass in excess of 45500 kg with passenger capacity greater than 19 or aeroplanes with a passenger seating capacity greater than 60.							
	Flight crew compartment door	- Designed to resist penetration by small arms fire and grenade shrapnel, and to resist forcible intrusions by unauthorized persons. - Shall be capable of being locked, and means shall be provide by which cabin crew can discreetly notify the flight crew in the event of suspicious activity or security breaches in the cabin. (e.g. Aircraft Were certified according to standards set out in FAR Part 25.795 or EASA CS 25.795). - Shall be capable of being locked and unlocked from either pilot's station.	As required by criteria	AOCR CH 2 item 26.1, 26.2 and 26.3				

S = Satisfy
U = Unsatisfied
N/A = Not Applicable
Comment= Description the detail of compliance or Non-Compliance or other information.

For Operator

Name: .....

(.....)

Position: .....

Completed on: .....

For CAAT

Inspector Name: .....

(.....)

Position: .....

Completed on: .....