



Checklist Number:

Checklist Name: **Checklist for Base Audit**

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Applicability:

Location: Date: 11/10/2023

No.	Subject	Reference	S	U	N/A	Comment
1. Overall Assessment						
1.1	How the organisation chart and key personnel are structured?	- Air Operator Certificate Requirements Chapter 1				
1.2	What fleet of aircraft the operator operates (which aircraft types, how many of each type)?	- Air Operator Certificate Requirements Chapter 1				
1.3	What are areas and locations of operations?	- Air Operator Certificate Requirements Chapter 1				
1.4	Is there any contracted maintenance arrangement or engineering support (which and how many)?	- Air Operator Certificate Requirements Chapter 1				
1.5	What are duties and responsibilities for each department concerning the maintenance arrangement?	- Air Operator Certificate Requirements Chapter 1				
1.6	What are special operations granted in accordance with Ops Spec?	- Air Operator Certificate Requirements Chapter 1				
1.7	Have commercial air transport operations been engaged by the operator while being in possession of a valid AOC issued by the CAAT?	- Air Operator Certificate Requirements Chapter 1 Item 10.1				
1.8	Does the operator's management systems ensure effective engineering support of his fleet of aircraft over the whole of the routes operated. quality control and assurance which must be exercised as necessary to achieve satisfactory standards of continuing	- Air Operator Certificate Requirements Chapter 9 Item 3.6				



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	airworthiness?					
	2. Leasing Agreement and related Agreement					
2.1	As applicable, are all leasing agreements clearly identified with the names of lessor and lessee?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.2	As applicable, are all leasing agreements monitored for validity?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.3	As applicable, are all leasing agreements for in-service-leased aircraft valid?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.4	As applicable, are all leasing agreements clearly described with the correct information of the leased aircraft (e.g. make/model, registration, MSN)?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.5	As applicable, are all leasing agreements clearly described with the effective period or dates?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.6	As applicable, does the possessor has full operational control over the leased aircraft?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.7	As applicable, is the possessor clearly identified to be responsible for maintenance obligation?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.8	As applicable, do the parties involved in the lease arrangement demonstrate sufficient knowledge and adequate resources to fulfil their roles and responsibilities with regard to the continuing airworthiness	- Air Operator Certificate Requirements Chapter 1 Item 9				



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	and operational control of the aircraft for the duration of the lease?					
2.9	As applicable, have all leasing agreements been accepted by CAAT prior to its effective date?	- Air Operator Certificate Requirements Chapter 1 Item 9				
2.10	As applicable, have proposals of amendment affecting the roles and responsibilities with regard to the continuing airworthiness and operational control of the aircraft of the approved lease arrangement been notified to CAAT before engagement?	- Air Operator Certificate Requirements Chapter 1 Item 9				
3.1 Contracted Maintenance - General						
3.1.1	As applicable to contracted maintenance, does the operator arrange maintenance activities from contracted maintenance organisation approved by CAAT under correct granted ratings?	- Air Operator Certificate Requirements Chapter 9 Item 3.4 - Air Operator Certificate Requirements Chapter 9 Item 7.1.1				
3.1.2	As applicable to contracted maintenance, is full detail of the division of responsibilities between the operator and the contracted maintenance organisation included in the agreement between the operator and the contracted maintenance organisation?	- Air Operator Certificate Requirements Chapter 9 Item 7.1.3				
3.1.3	As applicable to contracted maintenance, is agreement between the operator and the contracted maintenance organisation addressed contents in accordance with AO CR	- Air Operator Certificate Requirements Chapter 9 Item 7.1.3				



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	Appendix P?					
3.1.4	As applicable to contracted maintenance, are responsibilities for the assessment and incorporation of manufacturer's Service Information and for compliance with mandatory requirements clearly defined in the agreement between the operator and the contracted maintenance organisation?	- Air Operator Certificate Requirements Chapter 9 Item 7.1.7				
3.1.5	As applicable to contracted maintenance, does the operator nominate a person for engineering liaison purposes responsible for liaison on all matters relating to the maintenance contract or agreement and for airworthiness matters affecting the safe?	- Air Operator Certificate Requirements Chapter 9 Item 7.1.4				
3.1.6	As applicable to contracted maintenance, are copies of all agreements, including side letters and addenda, between the parties concerned available for CAAT examination?	- Air Operator Certificate Requirements Chapter 9 Item 7.1.8				
3.1.7	As applicable to contracted maintenance, does the operator ensure that CAAT will be notified at least one month in advance of any proposal to change the maintenance arrangements, e.g. a change to another maintenance organisation or significant organisational, procedural or technical change to a maintenance	- Air Operator Certificate Requirements Chapter 9 Item 7.1.9				



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	agreement?					
3.1.8	As applicable to contracted maintenance, does the operator monitor the maintenance contractor's response to the provisions of the maintenance agreement, employing such technical resources as are necessary to achieve the task?	- Air Operator Certificate Requirements Chapter 9 Item 3.3				
3.1.9	If maintenance support is contracted out, does the operator ensure that:	- Air Operator Certificate Requirements Chapter 9 Item 5.4				
3.1.9	(a) The maintenance contractor has sufficient number of qualified staffs to meet the demands of operations and shift duty periods are also adequately staffed to effectively enable scheduled and unscheduled tasks to be performed	- Air Operator Certificate Requirements Chapter 9 Item 5.4				
3.1.9	(b) The maintenance contractor has licensed and approved personnel that are appropriately qualified to perform the tasks required, including the issue of Certificates of Release to Service and the rectification of defects	- Air Operator Certificate Requirements Chapter 9 Item 5.4				
3.2 Contracted Maintenance - Line Maintenance						
3.2.1	As applicable to contracted line maintenance, is there a procedure for line maintenance arrangements to ensure that responsibilities and communication paths are made	- Air Operator Certificate Requirements Chapter 9 Item 7.3.2				



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	clear to all concerned personnel?					
3.2.2	As applicable to contracted line maintenance, does the operator ensure that the authorisation of maintenance personnel employed by the line maintenance contractor conforms to requirements and limitations granted by CAAT?	- Air Operator Certificate Requirements Chapter 9 Item 7.3.3				
3.2.3	As applicable to contracted line maintenance, does the operator ensure that the contracted line maintenance facility has a system to ensure for shift arrangements that persons are available when needed and continuity of control over servicing and dispatch activities and the oncoming shifts are made fully aware of any outstanding or incomplete task related the the serviced aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 7.3.4				
3.2.4	As applicable to contracted line maintenance, does the operator ensure that the continuing performance of the line maintenance contractor is such as to ensure safe operation of the operator's aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 7.3.4				
3.3 Contracted Maintenance - Full Support						
3.3	When the operator contracts full maintenance support to a maintenance organisation approved by CAAT, is the agreement clearly defined what responsibility for action that is allowed to the maintenance organisation to	- Air Operator Certificate Requirements Chapter 9 Item 7.2.3				



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	perform without prior consultation, and what tasks require agreement by the operator?					
	4.1 Maintenance Arrangement - Line Station					
4.1	Does the operator ensure that each line station is provided with, as applicable:	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
4.1	(a) A summary of the technical literature provided for the station. The list shall be kept up to date and made available to the technical library so that amendments and periodic checks of currency can be made?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
4.1	(b) A summary of the station spares holding with an indication of which items are held for priority purposes, e.g. to meet possible MEL compliance requirements or EDTO dispatches etc?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
4.1	(c) Company procedures and technical instructions appropriate to the aircraft types supported?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
4.1	(d) Such extracts from the maintenance schedule, in the form of worksheets or cards etc, as are necessary to perform the tasks allocated to the station?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
4.1	(e) Access to deferred and repetitive defect information to assist in the diagnosis of reported defects?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
4.1	(f) Details of any subcontracts for line support, fuel	- Air Operator Certificate Requirements				



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	supply, loading and ground handling entered into by the Operator to enable the person responsible for dispatch to ensure that all significant airworthiness tasks are satisfactorily accomplished?	Chapter 9 Item 28.2.3				
4.1	(g) Maintenance facilities and working accommodation appropriate to the scale of work and undertakings of the station?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
4.1	(h) Ground support equipment as appropriate including equipment or access to equipment for the ground de-icing, anti-icing of aircraft as necessary?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.3				
	4.2 Maintenance Arrangement - Under AOC Provision					
4.2.1	If the operator chooses to carry out maintenance on its aircraft under AOC provision, have the procedures described in the GMM for provision with regard to the following topics in accordance with AMO requirements been effectively implemented? (a) Tooling - 145.A.40 Equipment and tools (b) Spares - 145.A.42 Components (c) Facilities - 145.A.25 Facility requirements (d) Technical record control - 145.A.45 Maintenance data	- Air Operator Certificate Requirements Chapter 9 Item 2.3				



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	<ul style="list-style-type: none"> - 145.A.65 Maintenance procedures - 145.A.55 Recordkeeping (e) Release to service <ul style="list-style-type: none"> - 145.A.48 Performance of maintenance - 145.A.50 Certification of maintenance - 145.A.205 Contracting and subcontracting (f) Manpower resources - 145.A.30 Personnel requirement (g) Personnel competency <ul style="list-style-type: none"> - 145.A.30 Personnel requirement - 145.A.35 Certifying staff and support staff (h) Training - 145.A.30 Personnel requirement 					
4.2.2	If the operator chooses to carry out maintenance on its aircraft, does the operator ensure that only maintenance activities up to line maintenance or equivalent (which must not require the use of complex tools or equipment that requires extensive setting up, or specialised training) are carried out and no replacement of major aircraft appliances (as defined in part 4 of Air Navigation Act B. E. 2497) including change of an engine, landing gear, propeller, and auxiliary power unit (APU) were allowed to be performed under AOC provision and must be performed by an approved maintenance organization?	<ul style="list-style-type: none"> - Air Operator Certificate Requirements Chapter 9 Item 2.5 - Air Operator Certificate Requirements Chapter 9 Item 2.4 - Air Operator Certificate Requirements Chapter 9 Item 2.3 - Air Operator Certificate Requirements Chapter 9 Item 2.2 				



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4.2.3	Does the operator ensure for shift arrangements that persons are available when needed and continuity of control over servicing and dispatch activities and the oncoming shifts are made fully aware of any outstanding or incomplete task?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.1				
4.2.4	Are scheduled or pre-planned tasks allocated to line stations only when sufficient staff and down-time are available to perform the task, in a manner commensurate with its airworthiness significance, the working conditions are appropriate to the nature of the task and the necessary tools, equipment, test apparatus and technical instructions are available?	- Air Operator Certificate Requirements Chapter 9 Item 28.2.2				
4.2.5	Is aircraft maintenance arranged correctly under the granted scope of AOC holder provision (up to line maintenance)?	- Air Operator Certificate Requirements Chapter 9 Item 2.2 - Air Operator Certificate Requirements Chapter 9 Item 2.3 - Air Operator Certificate Requirements Chapter 9 Item 2.4				
4.3 Maintenance Arrangement - Overall						
4.2.6	For the maintenance carried out by other than AOC provision, does the operator ensure that maintenance support arrangements are based on an organisation	- Air Operator Certificate Requirements Chapter 9 Item 3.4				



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	approved by the CAAT under CAAT Requirements for the maintenance or overhaul of the type of aircraft concerned?					
	5.1 Quality System - General					
5.1.1	Does the audit programme take into account all of the facilities and procedures utilised to ensure continuing airworthiness, at each of the operator's locations where activities take place affecting the airworthiness of the aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 30.1.1				
5.1.2	Is the quality audit scope effective throughout the operation and maintenance of aircraft including contracted activities, if any, including but not limited to the following areas:	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(a) Maintenance activity at each location	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(b) Continuing airworthiness management	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(c) Quality and Safety system	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(d) Engine health monitoring programme	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				



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5.1.2	(e) Reliability programme	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(f) Storage, Tools, Equipment, Spare part management	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(g) Fuel arrangement	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(h) Ground handling and anti-icing support	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.2	(i) Others	- Air Operator Certificate Requirements Chapter 9 Item 30.1.2				
5.1.3	Are Quality Audit Checks arranged independently to ensure that the auditors doing the audit do not involve with the activity being audited?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.2				
5.1.4	Are Quality Audit Checks carried out on a planned basis?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.2				
5.1.5	Are all quality checks recorded and assessed and any criticisms forwarded to the person responsible for the particular facility or procedure for corrective action to be taken?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.3				
5.1.6	Is there a feedback system for confirming to the quality assurance staff that corrective action has been taken and	- Air Operator Certificate Requirements Chapter 9 Item 30.2.3				



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	to ensure that persons concerned with any audit deficiency are kept aware of both the adverse report and the outcome?					
5.1.7	Are quality audit check records available for the CAAT audit?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.4				
5.1.8	Are Quality Assurance System, Policy, and Audit Programme described in GMM (or referred from GMM)?	- ประกาศกรมฯ ข้อกำหนดในการจัดทำคู่มือการซ่อมบำรุงทั่วไป ข้อ ๓ ส่วนที่ ๓ - Air Operator Certificate Requirements Chapter 9 Item 30.1.3				
5.2 Quality System - Quality Personnel						
5.2.1	Is the quality department adequately staffed by appropriately trained personnel (including recurrent training) to discharge his responsibilities?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.1 - Air Operator Certificate Requirements Chapter 9 Item 30.1.4				
5.2.2	Are staff assigned to quality assurance duties:	- Air Operator Certificate Requirements Chapter 9 Item 30.2.1				
5.2.2	(a) Sufficiently experienced in the company systems and procedures and technically knowledgeable of the aircraft being maintained so as to enable them to perform their duties satisfactorily?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.1				



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5.2.2	(b) Experienced in the techniques of quality control and assurance or receive suitable training before taking up their duties?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.1				
5.2.2	(c) Given clearly defined terms of reference and responsibility within the organisation?	- Air Operator Certificate Requirements Chapter 9 Item 30.2.1				
5.2.3	Is there a procedure in GMM (or referred from GMM) to authorize personnel to be Quality Audit Personnel?	- ประกาศกรมฯ ข้อกำหนดในการจัดทำคู่มือการซ่อมบำรุงทั่วไป ข้อ ๓ ส่วนที่ ๓.๑๐				
5.3 Quality System - Contracted Maintenance						
5.3.1	Where there is any contracted maintenance organisation, does the operator's representatives visit the contracted maintenance organisation at the inception of the agreement, and periodically thereafter, to ensure that the standards agreed are being maintained?	- Air Operator Certificate Requirements Chapter 9 Item 7.1.5				
5.3.2	Where there is any contracted maintenance organisation, are visit or audit reports of all such visits kept and made available to CAAT on request?	- Air Operator Certificate Requirements Chapter 9 Item 7.1.5				
5.3.3	Does the operator's Quality Audit Programme assess whether his maintenance contractors has adequate facilities, staff premises and equipment, the quality of work is satisfactory and coordination, planning and control of all works complies with requirements?	- Air Operator Certificate Requirements Chapter 9 Item 5.4 - Air Operator Certificate Requirements Chapter 9 Item 32.6				



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5.4 Quality System - Aircraft Flight Preparation						
5.4.1	Is there a quality assurance procedure to ensure when dispatching the aircraft that:	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.1	(a) Fuel uplifted prior to flight is free from contamination?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.1	(b) Refueling of the aircraft is safely carried out?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.1	(c) Baggage and cargo are loaded and restrained in accordance with AFM limitation and cargo doors are secured?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.1	(d) Push-back and start-up are carried out to an SOP for specific type of aircraft, engine area free from debris, fire fighting facilities are available?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.1	(e) Control surface and landing gear locks, restraint	- Air Operator Certificate Requirements				



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	devices and blanks are removed?	Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.1	(f) Proper attention is given to the rectification of recorded defects, MEL, and any limitation?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.1	(g) The aircraft is serviced and inspected as required by the approved maintenance programme?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
5.4.2	Does the operator ensure that all corrective actions have been taken for any non-conformity which had been disclosed to the operator or their contracted activity?	- Air Operator Certificate Requirements Chapter 9 Item 32.7				
5.5 Quality System - De-icing & Anti-icing						
5.5.1	Does the operator ensure that the de-icing equipment is fully serviceable and available at each location where aircraft are likely to require de-icing?	- Air Operator Certificate Requirements Chapter 9 Item 29.1				
5.5.2	Does the operator ensure that: (a) Items such as mixer nozzles are properly controlled and calibrated (b) Mixtures of de-icing fluids are checked together with	- Air Operator Certificate Requirements Chapter 9 Item 29.2 - Air Operator Certificate Requirements Chapter 9 Item 29.4				



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	suitable conditions for the storage and identification of de-icing fluid (c) Quality audit is conducted to ensure that that de-icing/anti-icing of their type of aircraft is carried out effectively and in a manner to ensure subsequent safe operation	- Air Operator Certificate Requirements Chapter 9 Item 29.3				
	5.6 Quality System - Refueling					
5.6.1	When the operator has a facility or vehicle in which fuel is stored and/or delivered to their aircraft, does the operator ensure that the fuel is stored in accordance with IATA fuel Guidelines on Aviation fuel at Aerodromes and that fuel dispensed is fit for use in aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 20.2				
5.6.2	Does the operator ensure that there is a fuel uplift sampling programme to monitor fuel supplier quality performance, including any history of contamination?	- Air Operator Certificate Requirements Chapter 9 Item 20.3				
5.6.3	Is there a minimum frequency of fuel contamination checking, at the point of uplift, declared in any procedure acceptable to the CAAT?	- Air Operator Certificate Requirements Chapter 9 Item 20.4				
5.6.4	Does the operator ensure that audit is arranged to ensure the continuing acceptability of fuel quality throughout the operation?	- Air Operator Certificate Requirements Chapter 9 Item 20.3				
5.6.5	Does the operator ensure that persons engaged in	- Air Operator Certificate Requirements				



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	refueling activities are properly trained for their tasks including knowledge of fuel quality sampling?	Chapter 9 Item 20.3				
	6.1 Safety Management System - SMS					
6.1.1	Are safety objectives measurable, and relevant to the safety commitment or policy?	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.2	Are lines of safety accountability throughout the organisation, including direct accountability for safety on the part of senior management clearly defined?	- Air Operator Certificate Requirements Chapter 5 Item 10.3				
6.1.3	Are maintenance personnel aware of emergency response or contingency procedure established by the operator?	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.4	Is the safety occurrence reporting system established for both mandatory and voluntary reports?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๔ ข้อ ๑๕ - Air Operator Certificate Requirements Chapter 2 Item 17.1				
6.1.5	Does the operator ensure that any accident or incident occurring in the approved facility will be reported to CAAT?	- Air Operator Certificate Requirements Chapter 9 Item 32.5				
6.1.6	Is the operator aware of mandatory reportable occurrences required to be reported to CAAT?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ				



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		หมวด ๑ ข้อ ๕				
6.1.7	For aeroplane with over 5700 kg MTOW or helicopter with 3175 kg MTOW, does the operator ensure that relevant occurrence will be forwarded to organization responsible for the type design?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัย หมวด ๑ ข้อ ๕ - Air Operator Certificate Requirements Chapter 12 Item 5.2 - Helicopter Operations Requirements 6.5				
6.1.8	Have mandatory occurrences been reported to CAAT with the required information and within the required timeframe (initial report, follow-up report, and final report)?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัย หมวด ๑ ข้อ ๕ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัย หมวด ๑ ข้อ ๘ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัย หมวด ๒ ข้อ ๑๐				
6.1.9	Have hazards and risks been identified and assessed in accordance with the approved SMS?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัย หมวด ๑ ข้อ ๖(๑) - Air Operator Certificate Requirements Chapter 5 Item 10.1(a)				
6.1.10	From Hazard logs or records, is the assessment	- ข้อกำหนด กพท. ฉบับ ๒๒				



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	performed correctly to reduce the risk to an acceptable level?	ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๑ ข้อ ๖(๒) - Air Operator Certificate Requirements Chapter 5 Item 10.1(a)				
6.1.11	From Hazard logs or records, is each risk addressed with proper mitigation?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๑ ข้อ ๖(๒) - Air Operator Certificate Requirements Chapter 5 Item 10.1(a)				
6.1.12	Has the Hazard Identification and risk assessment procedure been properly implemented so that any revealed risks are properly controlled and mitigated?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๑ ข้อ ๖(๒) - Air Operator Certificate Requirements Chapter 5 Item 10.1(a)				
6.1.13	Have actions which identified in each final report been effectively implemented?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๓ ข้อ ๑๓				
6.1.14	Are SPLs established in line with the safety policy or objectives?	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.15	Are appropriate actions taken for any safety indicators that do not achieve the SPTs?	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.16	Has Management of Change procedure been effectively	- Air Operator Certificate Requirements				



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Location: Date: 11/10/23

No.	Subject	Reference	S	U	N/A	Comment
	implemented?	Chapter 5 Item 10.2				
6.1.17	Does the operator ensure through the Management of Change procedure that:	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.17	(a) Impact assessment is properly performed and cover all aspects of impact from particular change (e.g. impact on individuals within organisation, other departments or external entities, operating environment, scope of works, processes or procedures, equipment, systems, software, checklists / forms, existing risk controls, financial health, regulatory approval, or, organisation structure, policy, goals and objectives)	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.17	(b) Action plan of identified mitigations is properly established in response to the risk exposure	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.17	(c) All identified mitigations have been properly implemented before closing the Management of Change project	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.18	Does the operator ensure that essential safety information is effectively communicated to concerned personnel?	- Air Operator Certificate Requirements Chapter 5 Item 10.2				
6.1.19	Is the SMS for continuing airworthiness function of the operator properly established, implemented, and in line with the approved SMS which include required elements	- Air Operator Certificate Requirements Chapter 5 Item 10				



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No.	Subject	Reference	S	U	N/A	Comment
	in accordance with ICAO Doc 9859?					
	6.2 Safety Management System - Protection of Safety data and Safety Information					
6.2.1	Is there a clear and adequate mechanism for Protection of safety data and safety information including relevant information sources which support the promotion of reporting culture under their SMS?	- ข้อกำหนด กพท. ฉบับที่ ๓๒ การพิทักษ์ข้อมูลและสารสนเทศความปลอดภัยฯ ข้อ ๔ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๕ ข้อ ๑๖(๒)				
6.2.2	Is there a clear statement for Protection of Safety Data and Safety Information to ensure that the Safety Data and Safety Information will be used strictly for the purpose of maintaining or improving aviation safety and will not be used to attribute blame or liability?	- ข้อกำหนด กพท. ฉบับที่ ๓๒ การพิทักษ์ข้อมูลและสารสนเทศความปลอดภัยฯ ข้อ ๕ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๕ ข้อ ๑๖(๒)				
6.2.3	Does the operator ensure the application of principles of exception that the safety data, safety information or related sources may be released:	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๕ ข้อ ๑๖(๒) - ข้อกำหนด กพท. ฉบับที่ ๓๒ การพิทักษ์ข้อมูลและสารสนเทศความปลอดภัยฯ ข้อ ๖				
6.2.3	(a) where there are “facts and circumstances reasonably	- ข้อกำหนด กพท. ฉบับที่ ๓๒				



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	indicating that the occurrence may have been caused by an act or omission considered, in accordance with national laws, to be conduct constituting gross negligence, willful misconduct or criminal activity”?	การพิทักษ์ข้อมูลและสารสนเทศความปลอดภัยฯ ข้อ ๖ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๕ ข้อ ๑๖(๒)				
6.2.3	(b) when release of such data or information is “necessary for the proper administration of justice”?	- ข้อกำหนด กพท. ฉบับที่ ๓๒ การพิทักษ์ข้อมูลและสารสนเทศความปลอดภัยฯ ข้อ ๖ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๕ ข้อ ๑๖(๒)				
6.2.3	(c) when “the benefits of its release outweighs the adverse domestic and international impact such release is likely to have on the future collection and availability of safety data and safety information”?	- ข้อกำหนด กพท. ฉบับที่ ๓๒ การพิทักษ์ข้อมูลและสารสนเทศความปลอดภัยฯ ข้อ ๖ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๕ ข้อ ๑๖(๒)				
6.2.4	Does the operator, in case the Safety Data and Safety Information have to be released or disclosed under the principles of exception, protect and record the disclosure information which includes but not limited to: (a) The person or organization that receives the Safety	- ข้อกำหนด กพท. ฉบับที่ ๓๒ การพิทักษ์ข้อมูลและสารสนเทศความปลอดภัยฯ ข้อ ๗ - ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ				



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Location: Date:

No.	Subject	Reference	S	U	N/A	Comment
	Data and Safety Information (b) Date by which the information is requested (c) The purpose for which the information will be used (d) Reason and necessity for the disclosure (e) Notification to the parties related to the requested Safety Data and Safety Information (f) Disclosure consent of the parties related to the requested Safety Data and Safety Information (if any) (g) Date of disclosure approval (h) The authorized person who approves the disclosure	หมวด ๕ ข้อ ๑๖(๒)				
6.2.5	Is there a system to limit accessibility for personal information from safety data and safety information of both mandatory and voluntary reporting system?	- ข้อกำหนด กพท. ฉบับ ๒๒ ว่าด้วยการรายงานเหตุการณ์ด้านความปลอดภัยฯ หมวด ๕ ข้อ ๑๖(๑)				
7. General Maintenance Manual - GMM						
7.1	Does the GMM describe maintenance arrangements to support the operator's operation and procedures to ensure on-time maintenance performance and in a controlled and satisfactory manner, and all the necessary instructions, information and procedures for the personnel of the organisation to perform their duties?	- Air Operator Certificate Requirements Chapter 9 Item 2.1 - Helicopter Operations Requirements 6.2.1 - Helicopter Operations Requirements 6.2.2				
7.2	Is the GMM amended in accordance with approved procedure as necessary to keep the information	- Air Operator Certificate Requirements Chapter 12 Item 2.2				



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No.	Subject	Reference	S	U	N/A	Comment
	contained therein up-to-date?	- Air Operator Certificate Requirements Chapter 9 Item 2.1 - Helicopter Operations Requirements 6.2.2				
7.3	Are GMM and subsequent amendments submitted to CAAT for approval (or notified to CAAT for indirect approval)?	- Air Operator Certificate Requirements Chapter 9 Item 2.10 - Air Operator Certificate Requirements Chapter 9 Item 2.12 - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements Chapter 9 Item 2.13 - Helicopter Operations Requirements 6.2.4				
7.4	Does the operator ensure that particular procedure is included in GMM and approved by the CAAT prior to the commencement of any maintenance activity?	- Air Operator Certificate Requirements Chapter 9 Item 2.3				
7.5	In case there is an indirect approval procedure of airworthiness manuals (GMM, AMP, MEL, RPM, TPM, EDTO Manual, etc.), is the procedure properly established in the GMM to ensure that it is specified in accordance with AOCR Appendix Y? (a) Class of amendments eligible for indirect approval (b) How to amend and control the amendment which	- Air Operator Certificate Requirements Chapter 9 Item 2.13 - Air Operator Certificate Requirements Chapter 9 Item 2.12 - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	<p>must be distinguished from normal amendment (direct approval)</p> <p>(c) Responsible personnel for control and amendment of the manual</p> <p>(d) For the MEL, coordination between flight operations and airworthiness to review and approve operational-related and airworthiness-related elements of the MEL</p> <p>(e) A clear interval for incorporation of all indirect approval versions of a manual to be submitted to the CAAT for approval</p> <p>(f) Notification of minor amendments of the manual to the CAAT at least 10 calendar days before its effective date</p> <p>(g) Notification documents to be submitted to the CAAT (completed manual inserted with indirect revision, and support or source documents)</p> <p>(h) A description on how to manage and stop utilising the published indirect approval version of manual when there is any fault revealed in the manual or intervention feedback from the CAAT</p>	APPENDIX Y				
7.6	Are copies of all amended GMM furnished promptly to all concerned organizations / persons?	<p>- Air Operator Certificate Requirements Chapter 12 Item 2.3</p> <p>- Air Operator Certificate Requirements</p>				



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Applicability:

Location: Date:

No.	Subject	Reference	S	U	N/A	Comment
		Chapter 9 Item 2.11 - Helicopter Operations Requirements 6.2.3				
7.7	Does the GMM contain all the required contents in accordance with requirements for General Maintenance Manual?	- ประกาศกรมฯ ข้อกำหนดในการจัดทำคู่มือการซ่อมบำรุงทั่วไป ข้อ ๓				
7.8	In addition, for aeroplane operator, does the GMM contain all the required contents in accordance with requirements for General Maintenance Manual?	- Air Operator Certificate Requirements Chapter 13 Item 2				
7.9	In addition, for helicopter operator, does the GMM contain all the required contents in accordance with requirements for General Maintenance Manual?	- Helicopter Operations Requirements 9.2				
7.10	Has the GMM been effectively periodically reviewed to ensure that the GMM is in compliance with CAAT requirement and remains up-to-date to reflect the current approved operations?	- Air Operator Certificate Requirements Chapter 9 Item 32.4				
7.11	Does the GMM contain written instructions to advise Pilot-In-Command:	- Air Operator Certificate Requirements Chapter 9 Item 19				
7.11	(a) How to obtain engineering assistance when aircraft are away from main base, of the procedures which are acceptable for any necessary certifications, and of the procedure to be adopted where any doubt exists over work being carried out by any other organisation, or	- Air Operator Certificate Requirements Chapter 9 Item 19				



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No.	Subject	Reference	S	U	N/A	Comment
	which cannot be certified?					
7.11	(b) The procedures to be followed for reporting defects to main base where no engineering support arrangements have been made at route stations?	- Air Operator Certificate Requirements Chapter 9 Item 19				
7.11	(c) How to temporary transmit advisory information to flight crews in respect of modifications to the aircraft, trial installations or other changes which the crew need to be aware of during their operation of the aircraft, or which impose operating restrictions?	- Air Operator Certificate Requirements Chapter 9 Item 19				
7.12	Does the operator establish control system to ensure that Pilot-In-Command is advised on the following details about the airworthiness of aircraft: (1) When the next Schedule Maintenance is due, by flying hours and calendar time (2) Any defects existing on the aircraft affecting its operational airworthiness and safety (3) Any maintenance actions due before the next Schedule Maintenance	- Air Operator Certificate Requirements APPENDIX O.5.9.2 - Air Operator Certificate Requirements Chapter 5 Item 15.1				
7.13	Is technical log page format included in the GMM?	- Air Operator Certificate Requirements Chapter 9 Item 27.2				
7.14	Does the technical or journal logbook format contain space for the following information:	- RCAB 5 on Journey Log Book RCAB 5				



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No.	Subject	Reference	S	U	N/A	Comment
	(a) Aircraft nationality and registration (b) Date (Day-Month-Year) (c) Name list of flight crew members (d) Duty assignment of each flight crew member (e) Place of departure (f) Place of arrival (g) Time of departure (h) Time of arrival (i) Hours of flight (j) Nature of flight (private, aerial work, scheduled or non-scheduled) (k) Incidents, observations (if any) (l) Signature of Pilot-In-Command"					
7.15	If the operator chooses to carry out maintenance on its aircraft, does the GMM includes procedures for provision with regard to tooling, spares, facilities, technical record control, release to service, manpower resources and training in accordance with AMO requirements?	- Air Operator Certificate Requirements Chapter 9 Item 2.3				
7.16	When maintenance is carried out by a person other than an AMO, is there a procedure in GMM for completing and signing a maintenance release?	- Air Operator Certificate Requirements Chapter 9 Item 2.4 - Air Operator Certificate Requirements Chapter 9 Item 2.3 - Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
		Chapter 9 Item 2.2				
7.17	Does the GMM contain directly, or by reference, the following information:	- Air Operator Certificate Requirements Chapter 9 Item 2.1				
7.17	(a) A list of all associated procedures referred in the GMM in accordance with Appendix AF - Summary table of associated documents are provided - All associated documents are available for audit - All associated documents must not refer to any foreign approval or other organization's - All associated documents are collected into a controlled manual - When separated lists are established, indirect approval are not allowed for list of CMR, list of contracted and subcontracted organizations, and list of route stations, locations, or destinations with activity details (only CAAT approval is required)	- Air Operator Certificate Requirements Chapter 9 Item 2.1 - Air Operator Certificate Requirements APPENDIX AF				
7.17	(b) A list of all route stations, locations, or destinations with activity details undertaken at each location	- Air Operator Certificate Requirements Chapter 9 Item 2.1				
7.17	(c) A list of contracted and subcontracted organisation and associated contracts or agreements	- Air Operator Certificate Requirements Chapter 9 Item 2.1				
7.18	Does the operator ensure that indirect approval of all	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	associated documents are notified to the CAAT and submitted with copy of all such minor changes?	APPENDIX AF.2				
7.19	Does the operator ensure that the following proposal are notified to the CAAT before carry out such changes: (a) Change of Organisation Name (b) Change of postal address without any change of the actual site (c) Change to the locations/facilities of the continuing airworthiness management function with or without amendment to the scope of approval (e.g. address change of any location already approved, Addition or cancellation of sites, etc.) (d) Expansion or transfer of offices / facility layout (e.g. modification, extension, reduction, or reorganisation of an approved location, addition built working areas such as offices, or records keeping building within the approved facility, etc.) (e) Change of the Accountable Manager or nominated persons or Certificate of Maintenance Review (CMR) staff as required by AO CR (f) Reduction or increase of the staff number when the variation is more than 25% of the total staff number, or, when variation is affecting the approval	- Air Operator Certificate Requirements APPENDIX AF.2				



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No.	Subject	Reference	S	U	N/A	Comment
	(g) Reduction or increase of the scope of work affecting the approval certificate (e.g. addition/removal of an aircraft type or engine model not included in the approval certificate, extension of the scope of approval to add privileges, etc.) (h) Addition/removal of any organisation(s) working under the organisation quality system (Addition/removal of subcontractors) (i) Reduction or increase of the scope of work not affecting the approval certificate (Addition/removal/change of an aircraft registration from an existing aircraft) (j) Any change to the procedures and associated documents (k) Any change affecting the approval certificate					
7.20	Has procedure for MEL-RIE been properly established in the GMM containing the following information in accordance with AOCR Appendix Z? (a) RIE principle (condition and how to apply) (b) Personnel with specific duties and responsibilities for preparing and controlling extensions (c) Documents to be submitted to the CAAT for approval or one-time extension notification	- Air Operator Certificate Requirements Chapter 9 Item 2.7 - Air Operator Certificate Requirements APPENDIX Z				



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No.	Subject	Reference	S	U	N/A	Comment
	(d) Procedure to ensure that the copy of the approval is attached with the technical log entry as long as the RIE is effective (e) Procedure to notify the CAAT once the rectification is accomplished (f) Procedure to retain RIE records at least 36 months (g) For one-time extension, principle of one-time extension (h) For one-time extension, personnel approving the one-time extension (i) For one-time extension, consultation procedure between flight operation and technical staff (i) For one-time extension, how to assess, authorise, control, monitor, and document the extension (j) For one-time extension, procedure to notify the CAAT when the extension is issued (as soon as possible but no later than 10 days)					
7.21	Has procedure for 'Permitted Variation to Maintenance Periods' been properly established in the GMM containing the following information in accordance with AOCR Appendix AA? (a) Permitted variation principle (condition and how to	- Air Operator Certificate Requirements Chapter 9 Item 2.8 - Air Operator Certificate Requirements APPENDIX AA				



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No.	Subject	Reference	S	U	N/A	Comment
	<p>apply for each applicable type of aircraft and/or component)</p> <p>(b) Personnel with specific duties and responsibilities for preparing and controlling variations</p> <p>(c) Documents to be submitted to the CAAT for approval or one-time variation notification</p> <p>(d) Procedure to ensure that the copy of the approval is attached with the technical log entry as long as the variation is effective</p> <p>(e) Procedure to notify the CAAT once the maintenance that applied with variation is accomplished</p> <p>(f) Procedure to retain variation records at least 90 days after aircraft has been permanently withdrawn from service</p> <p>(g) For one-time variation, principle of one-time variation</p> <p>(h) For one-time variation, personnel approving the one-time variation</p> <p>(i) For one-time variation, how to assess, authorise, control, monitor, and document the variation</p> <p>(j) For one-time variation, procedure to notify the CAAT when variation is applied (as soon as possible prior to, or no later than, the first day of the one-time variation is</p>					



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Applicability:

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No.	Subject	Reference	S	U	N/A	Comment
	applied)					
7.22	For indirect approval of the GMM, has the GMM indirect approval procedure been effectively implemented?	- Air Operator Certificate Requirements Chapter 9 Item 2.13 - Air Operator Certificate Requirements Chapter 9 Item 2.12 - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements APPENDIX Y				
7.23	Does the GMM include procedure to make clear who deputises for the nominated persons as prescribed in AOCR Chapter 9 Item 4.1(a), (b) and (d), in the case of lengthy absence of the said persons (this may be done by detailing the procedures to appoint a deputy nominated person or by identifying directly the person by name)?	- Air Operator Certificate Requirements Chapter 9 Item 4.2				
7.24	Does the GMM describe an assessment of both the cause and any potentially hazardous effect of defects or combination of defects that could affect flight safety in order to initiate any necessary further investigation and analysis to identify the root cause of the defect?	- Air Operator Certificate Requirements Chapter 9 Item 10.6				
7.25	Does the GMM describe system for deferred defects	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	including? (a) Controlling of deferred defects (b) Limitation periods to be applied for each deferred defect (e.g. flight hours, calendar time, number of sectors, return to base) (c) How the deferred defects and their rectification will be made known to the flight crew prior to their arrival at the aircraft (d) Transfer of deferred defects onto worksheets to ensure that deferred defects which have not been rectified during the maintenance check, are re-entered on to a new deferred defect record sheet, and to retain original date of the defect (e) Procedure to ensure the necessary components or parts needed for the rectification of defects are made available or ordered on a priority basis, and fitted at the earliest opportunity (f) Procedure on how cross references are made between technical log system or maintenance check and the deferred defect sheets to enable each defect which has been deferred to be traced back to its original entry	Chapter 9 Item 11				
7.26	Does the GMM describe a system for repetitive defects including:	- Air Operator Certificate Requirements Chapter 9 Item 12				



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No.	Subject	Reference	S	U	N/A	Comment
	(a) Procedure to control and monitor repetitive defects on a continuous basis appropriate to the number of aircraft operated and the nature of the operation (b) Procedure to ensure that the history of a particular repetitive defect is not lost at scheduled inspections (c) A limit to the number of times a particular defect may be repeated (d) How the repetitive defects are brought to the attention of a senior person in the Organisation who is responsible for ensuring that positive action is taken to obviate a further repetition of the defect (e) How to record defects in a standardised way to assist in identifying which problems are repetitive (f) How to ensure that line and outstation maintenance personnel have access to repetitive defect information (g) A method to enable flight crews to identify recurring/repetitive defects					
7.27	Does the GMM describe a system for publishing instructions in addition to the maintenance manuals and GMM (in case of immediate technical importance and when there are practices differ from published information), including? (a) How to distribute to each maintenance personnel or	- Air Operator Certificate Requirements Chapter 9 Item 13				



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No.	Subject	Reference	S	U	N/A	Comment
	<p>in such a way that each person has access to a copy</p> <p>(b) How to keep record to show that he has seen each document issued</p> <p>(c) How each document is issued and revised, including numbering and date</p> <p>(d) How each document is identified for its content (e.g. by ATA chapter or aircraft type)</p> <p>(e) How reference of source of information is made in each document</p> <p>(f) How to ensue that, where instructions are issued which conflict with, or vary, information published by manufacturers or other sources, which information takes priority must be shown</p>					
	8.1 Minimum Equipment List – MEL					
8.1.1	Does the MEL's introduction contain a statement reminding the aircraft commander of his responsibility to ensure that the aircraft is in every way fit for the intended flight, and that he may apply a higher minimum standard if, in his opinion, it is necessary to do so in order to secure the safe operation of the aircraft?	- Air Operator Certificate Requirements Chapter 2 Item 41.2				
8.1.2	Is the MEL information based on MMEL and contain all the required contents in accordance with requirements	- ประกาศกรมฯ การรับรองรายการอุปกรณ์ขั้นต่ำที่ใช้งานได้ ข้อ ๔				



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Location: Date: 11/10/2023

No.	Subject	Reference	S	U	N/A	Comment
	for Minimum Equipment List?	- ประกาศกรมฯ การรับรองรายการอุปกรณ์ขั้นต่ำที่ใช้งานได้ ข้อ ๓ - Air Operator Certificate Requirements Chapter 2 Item 41 - Air Operator Certificate Requirements APPENDIX J				
8.1.3	Has the MEL procedure been properly followed?	- Air Operator Certificate Requirements Chapter 2 Item 41				
8.1.4	Does the operator ensure that the application of CDL, if provided by the manufacturer, takes account the aircraft types and variants operated, including procedures to be followed when an aircraft is being dispatched under the terms of its CDL?	- Air Operator Certificate Requirements Chapter 2 Item 42				
8.1.5	For indirect approval of the MEL, has the MEL indirect approval procedure been properly established in the GMM and effectively implemented?	- Air Operator Certificate Requirements Chapter 9 Item 2.12 - Air Operator Certificate Requirements APPENDIX Y - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements Chapter 9 Item 2.13				
8.2 Minimum Equipment List – MEL Rectification						



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Applicability:

Location: Date: 11/10/23

No.	Subject	Reference	S	U	N/A	Comment
	Interval Extension (MEL-RIE)					
8.2.1	Is the MEL-RIE procedure referred to the RIE procedure established in the GMM and properly implemented to ensure that:	- Air Operator Certificate Requirements Chapter 9 Item 2.7 - Air Operator Certificate Requirements APPENDIX Z				
8.2.1	(a) The MEL-RIE is used only when events beyond the operator's control have precluded rectification?	- Air Operator Certificate Requirements APPENDIX Z.1				
8.2.1	(b) The MEL-RIE's conditions and limitations are based on the State of Design's prescribed MMEL?	- Air Operator Certificate Requirements APPENDIX Z.1				
8.2.1	(c) The MEL-RIE approval is attached with the technical log entry as long as the extension is effective?	- Air Operator Certificate Requirements APPENDIX Z.3				
8.2.1	(d) For one-time RIE, personnel authorising RIEs is adequately trained in technical and/or operational disciplines to accomplish their duties and has necessary operational knowledge in terms of operational use of the MEL as alleviating documents by flight crew and maintenance personnel and engineering competence?	- Air Operator Certificate Requirements APPENDIX Z.2				
8.2.1	(e) For one-time RIE, the RIE is notified to the CAAT as soon as possible but no later than 10 days after the one-time extension being authorised?	- Air Operator Certificate Requirements APPENDIX Z.3				
8.2.1	(f) For one-time RIE, the second and further times of MEL-	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	RIE is approved by CAAT?	APPENDIX Z.1				
8.2.2	Have all MEL-RIE been granted in accordance with approved procedure?	- Air Operator Certificate Requirements Chapter 9 Item 2.7				
8.2.3	Does the operator ensure that the records of completed RIE are maintained for a minimum period of 36 months?	- Air Operator Certificate Requirements APPENDIX Z.3				
9.1 Maintenance Program						
9.1.1	Is the Maintenance Programme amended as necessary to keep the information contained therein up-to-date?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๑๒				
9.1.2	For indirect approval of the AMP, has the AMP indirect approval procedure been properly established in the GMM and effectively implemented?	- Air Operator Certificate Requirements Chapter 9 Item 8.10 - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements Chapter 9 Item 2.12 - Air Operator Certificate Requirements APPENDIX Y - Air Operator Certificate Requirements Chapter 9 Item 2.13				
9.1.3	Are copies of all amended Maintenance Programme furnished promptly to all concerned organizations / persons?	- Air Operator Certificate Requirements Chapter 9 Item 8.9 - Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
		Chapter 12 Item 3.2 - Helicopter Operations Requirements 6.3.2				
9.1.4	Does the Maintenance Programme contain all the required contents in accordance with Requirements for Maintenance Program?	- Air Operator Certificate Requirements Chapter 9 Item 8.2 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของผู้ได้รับ AOC ข้อ ๕				
9.1.5	In addition, for aeroplane operator, does the Maintenance Programme contain all the required contents in accordance with Requirements for Maintenance Program?	- Air Operator Certificate Requirements Chapter 13 Item 3				
9.1.6	In addition, for helicopter operator, does the Maintenance Programme contain all the required contents in accordance with Requirements for Maintenance Program?	- Helicopter Operations Requirements 9.3				
9.1.7	Does the operator ensure that Type Certificate Holder will be kept consulting when actual operational utilization of aircraft differs significantly from aircraft utilization assumptions applicable to particular Maintenance Planning Document to ensure that their Maintenance programme is properly adjusted to match their aircraft profile?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของผู้ได้รับ AOC ข้อ ๑๒				
9.1.8	Has the Maintenance Programme been effectively	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	periodically reviewed to ensure that the Maintenance Programme is in compliance with CAAT requirement and remains up-to-date which reflects the current aircraft operations?	Chapter 9 Item 8.4				
9.1.9	Does the periodic review of Maintenance Programme take into account the variations from the original certification standard (as a result of modifications and respond to the recommendations of the manufacturer contained in maintenance manuals and Service Bulletins), the age and utilisation of the aircraft and the continuity of corrosion control programmes?	- Air Operator Certificate Requirements Chapter 9 Item 8.5 - Air Operator Certificate Requirements Chapter 9 Item 8.8				
9.1.10	Does the Maintenance Programme contain a pre-flight inspection to be completed by the crew or by maintenance personnel which is to verify that the aircraft continues to be serviceable?	- Air Operator Certificate Requirements Chapter 9 Item 22.1				
9.1.11	Have all aircraft been maintained in accordance with an approved maintenance programme?	- Air Operator Certificate Requirements Chapter 9 Item 8.1 - Air Operator Certificate Requirements Chapter 12 Item 1.4 - Helicopter Operations Requirements 6.1.5				
9.1.12	Do design and application of the maintenance programme observe Human Factors principles?	- Air Operator Certificate Requirements Chapter 12 Item 3.1				



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No.	Subject	Reference	S	U	N/A	Comment
		- Helicopter Operations Requirements 6.3.1				
	9.2 Maintenance Program - Permitted Variation to Maintenance Periods					
9.2.1	For each aircraft types and components, is the permitted variation procedure referred to the variation procedure established in the GMM and properly implemented to ensure that:	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของผู้ที่ได้รับ AOC ข้อ ๕(๙) - Air Operator Certificate Requirements Chapter 9 Item 2.8				
9.2.1	(a) The variations are permitted only when the periods prescribed in the approved Maintenance Programme (or documents in support of it) cannot be complied with due to circumstances, which could not reasonably have been foreseen by the operator?	- Air Operator Certificate Requirements Chapter 9 Item 2.8 - Air Operator Certificate Requirements APPENDIX AA.1				
9.2.1	(b) The condition and limitation are based on where the organization responsible for the type design has prescribed or CAAT has prescribed as specified in the Announcement of CAAT on Aircraft Maintenance Programme of Air Operator Certificate Holder B.E. 2560, whichever is more restrictive?	- Air Operator Certificate Requirements APPENDIX AA.1 - Air Operator Certificate Requirements Chapter 9 Item 2.9				
9.2.1	(c) The permitted variations are not applied to life-limited components, MCAI related tasks, mandatory tasks classified by TCH/STCH or State of Design's authority,	- Air Operator Certificate Requirements APPENDIX AA.3				



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No.	Subject	Reference	S	U	N/A	Comment
	CMRs, ALIs, CDCCLs, EDTO related tasks, Safety Directives, and MSG-3 tasks with FEC-5 and FEC-8?					
9.2.1	(d) The approval documents of the variation is attached with the technical log entry as long as the variation is effective?	- Air Operator Certificate Requirements APPENDIX AA.3				
9.2.2	In case there is a one-time variation, is the procedure properly established to ensure that:	- Air Operator Certificate Requirements Chapter 9 Item 2.8 - Air Operator Certificate Requirements Chapter 9 Item 2.9 - Air Operator Certificate Requirements APPENDIX AA.2				
9.2.2	(a) The one-time variation is only applied when the tasks has not been overdue?	- Air Operator Certificate Requirements APPENDIX AA.2				
9.2.3	Has applicable approved permitted variation been properly followed with the approved procedure?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของผู้ได้รับ AOC ข้อ ๕(๙) - Air Operator Certificate Requirements Chapter 9 Item 2.8				
9.2.2	(b) The person authorising the one-time variation is adequately trained in technical disciplines relating to particular aircraft type to accomplish their duties and has necessary engineering and maintenance knowledge in	- Air Operator Certificate Requirements APPENDIX AA.2				



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No.	Subject	Reference	S	U	N/A	Comment
	terms of continuing airworthiness concept and maintenance planning activities?					
9.2.2	(c) The one-time variation is notified to the CAAT as soon as possible prior to, or no later than, the first day of the use of the one-time variation?	- Air Operator Certificate Requirements APPENDIX AA.3				
9.2.2	(d) The second and further time of variation is granted by CAAT approval?	- Air Operator Certificate Requirements Chapter 9 Item 2.8 - Air Operator Certificate Requirements Chapter 9 Item 2.9 - Air Operator Certificate Requirements APPENDIX AA.2				
9.2.3	Does the operator ensure that the records of completed variation are maintained for a minimum period of 90 days after the aircraft has been permanently withdrawn from service?	- Air Operator Certificate Requirements APPENDIX AA.3				
10.1 Reliability Programme - System Description and Data Collection						
10.1.1	Has a reliability programme been established for the following cases, which contains all the required contents in accordance with requirements for Reliability Programme? (a) The aircraft maintenance schedule is based on MSG-	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.1 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				



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No.	Subject	Reference	S	U	N/A	Comment
	3 logic (b) The aircraft maintenance schedule includes condition monitored components (c) The aircraft maintenance schedule does not contain overhaul time periods for all significant system components (d) When specified by the manufacturer's MPD or MRB report	- Air Operator Certificate Requirements Chapter 13 Item 3.1(d) - Helicopter Operations Requirements 9.3.1(d)				
10.1.2	Where the RPM is separated from other manuals, for indirect approval of the RPM, have the RPM indirect approval procedure properly established in the GMM and effectively implemented?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘ - Air Operator Certificate Requirements Chapter 9 Item 2.12 - Air Operator Certificate Requirements APPENDIX Y - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements Chapter 9 Item 2.13				
10.1.3	Does the reliability programme contain an organisation structure which includes lines of authority and responsibility for management of overall reliability functions, and description of reliability board or committee membership and meeting frequency, as	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘ - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.8				



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No.	Subject	Reference	S	U	N/A	Comment
	appropriate?					
10.1.4	Are there appropriately qualified personnel for the reliability programme (with appropriate engineering experience and understanding of reliability concept)?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.3 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.1.5	Where reliability activities is contracted or subcontracted, does the reliability programme clearly describe the operator's roles, responsibilities, and appropriate procedures to ensure the quality and effectiveness of the programme?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.4 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.1.6	As applicable, are condition monitoring and reliability programme description for aircraft systems, components and engines described in Maintenance Programme and General Maintenance Manual for each aircraft (or cross-reference)?	- ประกาศกรมฯ ข้อกำหนดในการจัดทำคู่มือการซ่อมบำรุงทั่วไป ข้อ ๓ ส่วนที่ ๒.๔ - Air Operator Certificate Requirements Chapter 13 Item 3 - Helicopter Operations Requirements 9.3				
10.1.7	Is reliability data accurately collected as described in the reliability programme and sufficient to appropriately support the analysis?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.4.2 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				



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No.	Subject	Reference	S	U	N/A	Comment
10.1.8	Does the reliability programme clearly describe methods for examining, analysis, and interpreting the information?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.1.9	Does the reliability programme clearly describe the acceptable process for interval adjustments and changes (Escalation / De-escalation) including changes in Maintenance Programme?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.11 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2 Reliability Programme - Performance Standards						
10.2.1	Does the reliability programme describe the techniques used for measuring the performance or maximum tolerable unreliability in order to take corrective maintenance action prior to failure or when reaching an unacceptable performance level?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.2	Does the reliability programme provide for periodic review to determine if the established performance standard is still realistic or in need of recalculation?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.10.1 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				



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No.	Subject	Reference	S	U	N/A	Comment
10.2.3	For alert-based reliability programme, does the programme describe to ensure that:	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.3	(a) The alert level calculation is achieved in order to monitor the triggering of increasing failure rate to a degree beyond defined standard variation based on previous performance?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.3	(b) Appropriate recalculation of alert level is performed according to the programme description?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.10.1 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.3	(c) Proper investigation, analysis, and corrective actions are taken for each exceeded parameter with traceable documentation?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.3	(d) The alert level definition described in the programme manual is consistent with the implementation?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC				



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No.	Subject	Reference	S	U	N/A	Comment
		ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.4	For event-based reliability programme (non-alert type programme - usually used for low utilisation fleet), does the programme describe to ensure that:	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.4	(a) The operational events or safety consequences that are subject to event analysis or investigation are specified?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.4	(b) A proper data collection system provides meaningful and actionable conclusions to assist in the day-to-day operation to monitor the defined specific operational events?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.2.4	(c) Proper investigation, analysis, and corrective actions are taken for each occurring specific operational events with appropriate documentation?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.6 - ประกาศ กพท				



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No.	Subject	Reference	S	U	N/A	Comment
		แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
	10.3 Reliability Programme - Visualization and Display					
10.3.1	Does the reliability report and its format reflect the proper implementation and contain the contents as described in the operator's reliability programme procedure?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.9 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.3.2	Does the reliability report present the review of Airframe, Propulsion, and Components reliability?	- ประกาศกรมฯ ข้อกำหนดในการจัดทำคู่มือการซ่อมบำรุงทั่วไป ข้อ ๓ ส่วนที่ ๒.๙ - Air Operator Certificate Requirements Chapter 13 Item 3.1(d) - Helicopter Operations Requirements 9.3.1(d)				
10.3.3	Does the reliability report present reliability information on a continuous basis (running average, tabular, graphs, charts, etc.)?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘ - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.5				
10.3.4	From the monitoring of Pilot Report (PIREP), is appropriate performance standards established to measure performance of each aircraft system?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘ - ประกาศ กพท				



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No.	Subject	Reference	S	U	N/A	Comment
		แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ขอภาคผนวก ค.1.1.5.5.2				
10.3.5	Is the reliability report produced at the frequency and distributed to concerned parties as specified in the programme?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ขอภาคผนวก ค.1.1.5.9 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.4 Reliability Programme - Data Analysis and Optimization						
10.4.1	For trend-based reliability programme, does the operator ensure that the corrective action is effectively taken to mitigate any revealed undesirable trend?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ขอภาคผนวก ค.1.1.5.6 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.4.2	Does the operator ensure that the reliability programme is evaluated at least every 6 months and its evaluation report is available for CAAT as request?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.4.3	Has reliability review or evaluation been conducted in accordance with procedures described in the programme?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.4.4	Is reliability programme information managed, interpreted, and presented by responsible personnel with	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC				



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	appropriate knowledge and familiarity of reliability concept?	ข้อภาคผนวก ค.1.1.3 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.4.5	Does the operator appropriately address corrective actions to be taken on each exceeded alert levels or revealed degraded levels of safety?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.7 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
10.4.6	Does the operator ensure the effectiveness of implemented corrective actions to ensure that the exceeded parameters are restored to an acceptable level of reliability?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อภาคผนวก ค.1.1.5.7 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๘				
11.1 Personnel - General						
11.1.1	Does the operator Have effective manpower planning and staff sufficiency assessment to ensure that there are sufficient qualified personnel in all appropriate technical departments to meet the demands of the approved operations and ensure that support appropriate to route pattern, transit frequency and maintenance requirements are provided at main bases, operational bases and route stations?	- Air Operator Certificate Requirements Chapter 5 Item 1.5 - Air Operator Certificate Requirements Chapter 9 Item 4.3 - Air Operator Certificate Requirements Chapter 9 Item 6.1.2 - Air Operator Certificate Requirements Chapter 9 Item 5.1				



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No.	Subject	Reference	S	U	N/A	Comment
11.1.2	As applicable, are shift duty periods adequately staffed to effectively enable scheduled and unscheduled tasks to be performed?	- Air Operator Certificate Requirements Chapter 9 Item 5.2				
11.1.3	Are all staff, including holders of Aircraft Maintenance Engineer licenses who are required to issue Maintenance Review and Certificate of Release to Service, authorised by the person nominated to do so under the approval?	- Air Operator Certificate Requirements Chapter 9 Item 4.5				
11.1.4	Are personnel records kept, clearly indicating the basis upon which approvals have been granted and including details of any Aircraft Maintenance Engineer licence held, training satisfactorily completed and the result of any written or oral assessment by the person responsible for granting the approval?	- Air Operator Certificate Requirements Chapter 9 Item 4.7				
11.1.5	Does the operator ensure that licensed and approved personnel are appropriately qualified to perform the tasks required, including:	- Air Operator Certificate Requirements Chapter 9 Item 5.3				
11.1.5	(a) Issue of Certificate of Maintenance Review	- Air Operator Certificate Requirements Chapter 9 Item 5.3				
11.1.5	(b) Issue of Certificates of Release to Service	- Air Operator Certificate Requirements Chapter 9 Item 5.3				
11.1.5	(c) Rectification of defects	- Air Operator Certificate Requirements Chapter 9 Item 5.3				



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No.	Subject	Reference	S	U	N/A	Comment
	11.2 Personnel - Nominated Personnel					
11.2.1	Are the following persons available and nominated by CEO for CAAT acceptance:	- Air Operator Certificate Requirements Chapter 1 Item 7.2 - Air Operator Certificate Requirements Chapter 9 Item 4.1				
11.2.1	(a) Heads of Engineering who is responsible for the management and supervision of continuing airworthiness activities	- Air Operator Certificate Requirements Chapter 1 Item 7.2 - Air Operator Certificate Requirements Chapter 9 Item 4.1				
11.2.1	(b) Heads of Maintenance who is responsible for the management and supervision of maintenance activities of the organisations (If there is maintenance under AOC provision)	- Air Operator Certificate Requirements Chapter 1 Item 7.2 - Air Operator Certificate Requirements Chapter 9 Item 4.1				
11.2.1	(c) Quality Manager for Maintenance who is responsible monitor compliance with AOCCR for aircraft continuing airworthiness and maintenance, and the adequacy of, procedures required to ensure airworthy aircraft, and this person must be independent from the work they monitor	- Air Operator Certificate Requirements Chapter 1 Item 7.2 - Air Operator Certificate Requirements Chapter 9 Item 4.1				
11.2.2	Are those nominated persons familiar with CAAT requirements, relevant regulations, and have adequate qualifications and experience for the duties concerned?	- Air Operator Certificate Requirements Chapter 9 Item 4.2				
11.2.3	In the case of lengthy absence of the nominated persons,	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	are deputies identified and be able to handle the deputies responsibilities?	Chapter 9 Item 4.2				
	11.3 Personnel - CMR Staff					
11.3.1	Is the CMR staff authorized by CEO or by nominated personnel under AOCR Chapter 9 Item 4.1 (Heads of Engineering, Heads of Maintenance, or Quality Manager for Maintenance)?	- Air Operator Certificate Requirements Chapter 9 Item 4.6				
11.3.2	Is the CMR staff provided with copies of their approvals, preferably in card or booklet form, recording the following details: (a) Name of organisation (b) Holder's name and signature (c) Approval reference number of the Authority Office (AOC No.) (d) Holder's individual approval number (e) Details of the aircraft, engines, systems, equipment and maintenance tasks for which approvals have been granted, the scope of each approval and its date (f) A statement of any conditions of issue, including a statement to the effect that such approval is valid only so long as the holder is in organisation's employment	- Air Operator Certificate Requirements Chapter 9 Item 4.6				
11.3.3	Is the nominated CMR staff an appropriate LAE licence or	- Air Operator Certificate Requirements				



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	person who has knowledge at least at a level equivalent to General Familiarisation for the type of aircraft nominated to be signatories of relevant certification documents?	Chapter 1 Item 7.2 - Air Operator Certificate Requirements Chapter 9 Item 4.1				
11.4 Personnel - Supervisors						
11.4.1	Does the operator appoint a sufficient number of personnel supervisors, taking into account the structure of the operator's organisation and the number of personnel employed?	- Air Operator Certificate Requirements Chapter 5 Item 2.2.1				
11.4.2	Are the duties and responsibilities of supervisors defined, and any other necessary arrangements made to ensure that they can discharge their supervisory responsibilities?	- Air Operator Certificate Requirements Chapter 5 Item 2.2.2				
12. Maintenance Training Program and Records						
12.1	Does all personnel have training, competency, and experience as may reasonably be expected to undertake the volume and type of work?	- Air Operator Certificate Requirements Chapter 9 Item 4.3 - Air Operator Certificate Requirements Chapter 9 Item 6.1				
12.2	Have training been provided for those management, supervisory and quality personnel who are responsible for supervising the engineering support for the aircraft type(s) included in the AOC and for issuing the relevant Certificates of Release to Service and Certificate of	- Air Operator Certificate Requirements Chapter 9 Item 6.2.7 - Air Operator Certificate Requirements Chapter 9 Item 6.2.1				



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No.	Subject	Reference	S	U	N/A	Comment
	Maintenance Review?					
12.3	Does training course syllabus include formal instruction and practical experience, as applicable to the nature of the course?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.7 - Air Operator Certificate Requirements Chapter 9 Item 6.2.1				
12.4	Does the operator ensure that, before the introduction of any new Type of aircraft into service, the number of supervisors, inspectors, quality engineers and mechanics to be trained takes into account the complexity and numbers of the Type, the anticipated pattern of aircraft utilisation and the organisation's previous experience of aircraft with similar characteristics?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.2				
12.5	Do mechanics receive aircraft and systems familiarisation training on the particular aircraft types and on related maintenance practices?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.3				
12.6	Have mechanics granted with limited inspection approval been provided with specific training appropriate to that approval and to satisfaction of the Quality Manager?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.3				
12.7	Is the training programme properly established to ensure that:	- Air Operator Certificate Requirements Chapter 9 Item 6.2.4 - Air Operator Certificate Requirements Chapter 9 Item 6.2.5				



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No.	Subject	Reference	S	U	N/A	Comment
12.7	(a) All maintenance personnel are adequately trained to perform the duties required of them?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.4 - Air Operator Certificate Requirements Chapter 9 Item 6.2.5				
12.7	(b) Personnel required to issue Certificate of Maintenance Review and Certificate of Release to Service receive familiarisation training on the aircraft type and instruction in the correct operation of the operator's airworthiness control procedures to enable them to perform these tasks on the type of aircraft for which support is being provided?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.4 - Air Operator Certificate Requirements Chapter 9 Item 6.2.5				
12.7	(c) Persons contracted to perform line maintenance tasks through maintenance agreements are trained in any significant differences which exists between the operator's aircraft and that which they are normally employed to maintain together with any relevant company procedures they are required to observe?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.4 - Air Operator Certificate Requirements Chapter 9 Item 6.2.5				
12.7	(d) Personnel engaged in maintenance-related tasks receive continuation training covering any changes to the aircraft and its maintenance, taking into account the result of in-service experience gained by the operator and that published by the aircraft, engine and equipment	- Air Operator Certificate Requirements Chapter 9 Item 6.2.4 - Air Operator Certificate Requirements Chapter 9 Item 6.2.5				



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No.	Subject	Reference	S	U	N/A	Comment
	manufacturers (including special operations). Attention shall also be paid to changes in company procedures, the Thailand Regulatory Requirement and requirements of the CAAT?					
12.7	(e) Personnel engaged in maintenance related tasks receive training in human factors?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.4 - Air Operator Certificate Requirements Chapter 9 Item 6.2.5				
12.8	Does the operator maintain records of training undertaken by personnel including any results of assessments or examinations?	- Air Operator Certificate Requirements Chapter 9 Item 6.2.6 - Air Operator Certificate Requirements Chapter 9 Item 4.7				
12.9	Where the TPM is separated from other manuals, for indirect approval of the TPM, have the TPM indirect approval procedure properly established in the GMM and effectively implemented?	- Air Operator Certificate Requirements Chapter 9 Item 2.12 - Air Operator Certificate Requirements APPENDIX Y - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements Chapter 9 Item 2.13				
13. AD Management						
13.1	Is procedure properly established including necessary	- Air Operator Certificate Requirements				



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	personnel to ensure that Airworthiness Directives are complied with as required and, when maintenance is in any way subcontracted, that responsibility for compliance with mandatory airworthiness information such as Airworthiness Directives clearly lies with the operator?	Chapter 9 Item 16.1				
13.2	Is it possible at any time for the operator to establish the record of AD and Service Information compliance for each of the operator's aircraft in Modification Records, Technical Records, or Log Books?	- Air Operator Certificate Requirements Chapter 9 Item 16.4				
13.3	Is the priority of response for AD assessment established and properly followed?	- Air Operator Certificate Requirements Chapter 9 Item 16.3				
13.4	Have maintenance tasks introduced by AD been incorporated to maintenance Programme?	- ประกาศ กพท แผนบำรุงรักษาอากาศยานของผู้ได้รับ AOC ข้อ ๕(๑๐)ญ - Air Operator Certificate Requirements Chapter 9 Item 16.2(b)				
14. Modifications						
14.1	Is the priority of response for Modification information assessment established and properly followed?	- Air Operator Certificate Requirements Chapter 9 Item 16.3				
14.2	Is it possible at any time for the operator to establish the record of Modification and Service Information compliance for each of the operator's aircraft in	- Air Operator Certificate Requirements Chapter 9 Item 16.4				



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No.	Subject	Reference	S	U	N/A	Comment
	Modification Records, Technical Records, or Log Books?					
14.3	Do all modifications incorporated into the aircraft meet the requirement for Modifications and Repairs Approval?	- Modifications and Repairs Approval Requirement แนบท้ายข้อกำหนด กพท. ฉบับที่ 20 - Air Operator Certificate Requirements Chapter 12 Item 6 - Helicopter Operations Requirements 6.6				
14.4	Are all alert service bulletin, mandatory/alert modification, and service instructions incorporated into the aircraft	- ประกาศกรมฯ คำสั่งสมควรเดินอากาศ ข้อ 4				
14.5	Have all continued airworthiness information for modifications (whether it is major or minor) been integrated into the maintenance programme?	- Modifications and Repairs Approval Requirement Chapter 2.1.2.3.6 - Modifications and Repairs Approval Requirement Chapter 2.1.3.3.2 - Modifications and Repairs Approval Requirement Chapter 2.1.6.3 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของผู้ที่ได้รับ AOC ข้อ ๕(๑๐)(ข) - Air Operator Certificate Requirements Chapter 12 Item 6 - Air Operator Certificate Requirements Chapter 9 Item 16.2(b)				



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No.	Subject	Reference	S	U	N/A	Comment
		- Helicopter Operations Requirements 6.6				
14.6	Does the operator ensure that any issues related to CAAT approved modification are reported to CAAT and Design Organisation?	- Modifications and Repairs Approval Requirement Chapter 2.1.4.2 - Air Operator Certificate Requirements Chapter 12 Item 6 - Helicopter Operations Requirements 6.6				
14.7	Does the operator ensure that any other information is provided to the crew concerning the aircraft and its systems, including changes resulting from modifications, which may affect the operation of the aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 22.4				
15. Aircraft External Damage Markings and Repairs						
15.1	Is there a system for identifying such damage after inspection and acceptance so that it is readily apparent when new damage occurs?	- Air Operator Certificate Requirements Chapter 9 Item 24.2				
15.2	Have all assessment and acceptance of damages been properly recorded?	- Air Operator Certificate Requirements Chapter 9 Item 24.2				
15.3	Have all continued airworthiness information for repairs (whether it is major or minor) been integrated into the maintenance programme?	- Modifications and Repairs Approval Requirement Chapter 3.1.1.3.2 - Modifications and Repairs Approval Requirement Chapter 3.1.3.2 - ประกาศ กพท แผนบำรุงรักษาอากาศยานของของผู้ได้รับ AOC ข้อ ๕				



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No.	Subject	Reference	S	U	N/A	Comment
		(๑๐)(๗) - Air Operator Certificate Requirements Chapter 12 Item 6 - Air Operator Certificate Requirements Chapter 9 Item 16.2(b) - Helicopter Operations Requirements 6.6				
15.4	Have all damages been entered in a record kept in the aircraft either directly on pictorial diagrams or by use of a grid referencing system which may be included in the technical log or another readily available document?	- Air Operator Certificate Requirements Chapter 9 Item 24.3				
15.5	Does the operator ensure that the aircraft damage record is reviewed from time to time to ensure that it has been kept up to date and that the cumulative effects of damage do not exceed manufacturers limitations?	- Modifications and Repairs Approval Requirement Chapter 3.1.3.1 - Air Operator Certificate Requirements Chapter 12 Item 6 - Air Operator Certificate Requirements Chapter 9 Item 24.5 - Helicopter Operations Requirements 6.6				
15.6	Do all repairs incorporated into the aircraft meet the requirement for Modifications and Repairs Approval?	- Modifications and Repairs Approval Requirement แนบท้ายข้อกำหนด กพท. ฉบับที่ 20 - Air Operator Certificate Requirements Chapter 12 Item 6 - Helicopter Operations Requirements 6.6				



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No.	Subject	Reference	S	U	N/A	Comment
	16.1 Defect Management					
16.1.1	Has procedure for controlling deferred defects been properly implemented to ensure that?	- Air Operator Certificate Requirements Chapter 9 Item 11				
16.1.1	(a) The period for which defects are deferred reflects the importance of the defect as it affects airworthiness and/or safe operation?	- Air Operator Certificate Requirements Chapter 9 Item 11.4				
16.1.1	(b) All deferred defects and their rectification are properly made known to flight crew, whenever possible, prior to their arrival at the aircraft?	- Air Operator Certificate Requirements APPENDIX O.5.9.2(b) - Air Operator Certificate Requirements Chapter 9 Item 11.2				
16.1.1	(c) All deferred defects are reported with proper maintenance actions or procedural references (contains reference MEL, AMM, SRM, or other approved/accepted/legal documents)?	- Air Operator Certificate Requirements Chapter 9 Item 10.4 - Air Operator Certificate Requirements Chapter 9 Item 10.2				
16.1.1	(d) Limitation periods are applied in accordance with established procedure?	- Air Operator Certificate Requirements Chapter 9 Item 11.4				
16.1.1	(e) The number of deferred defects and the length of time during which each defect is deferred, are kept to a minimum?	- Air Operator Certificate Requirements Chapter 9 Item 11.4				
16.1.1	(f) Deferred defects are transferred to worksheets at maintenance periods, and to ensure that deferred	- Air Operator Certificate Requirements Chapter 9 Item 11.5				



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	defects which have not been actioned during maintenance periods, are re-entered on to a new deferred defect record sheet?					
16.1.1	(g) The cross references are properly made in the Technical Log to enable each defect which has been deferred to be traced back to its original entry and any defect not rectified before flight recorded in aircraft Technical Log system?	- Air Operator Certificate Requirements Chapter 9 Item 10.5 - Air Operator Certificate Requirements Chapter 9 Item 11.7				
16.1.1	(h) The necessary components or parts are made available or ordered on a priority basis, and that they are fitted at the earliest opportunity?	- Air Operator Certificate Requirements Chapter 9 Item 11.6				
16.1.2	Does the operator ensure that rectification of any defect and damage: (a) rectified in accordance with approved maintenance data? or (b) deferred in accordance with approved MEL, CDL, maintenance data, or procedure approved by the CAAT?	- Air Operator Certificate Requirements Chapter 9 Item 10				
16.2 Defect Management - Repetitive Defects						
16.2.1	Are defects recorded in a standardised way to assist in identifying which problems are repetitive?	- Air Operator Certificate Requirements Chapter 9 Item 12.2				
16.2.2	Is there a continuous analysis of defects arising on the aircraft during flight and maintenance inputs (Technical	- Air Operator Certificate Requirements Chapter 9 Item 8.7				



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No.	Subject	Reference	S	U	N/A	Comment
	logs / worksheets raised during Scheduled Maintenance Inspection), especially where major inspections are undertaken?					
16.2.3	Are results of the defect analysis used to amend the maintenance programme as appropriate to eliminate repetitive defects and trends?	- Air Operator Certificate Requirements Chapter 9 Item 8.7				
16.2.4	Is there a system to control and monitor repetitive defects on a continuous basis appropriate to the number of aircraft operated and the nature of the operation?	- Air Operator Certificate Requirements Chapter 9 Item 12.1				
16.2.5	Does the repetitive defect management system ensure that the history of a particular repetitive defect is not lost at scheduled inspections?	- Air Operator Certificate Requirements Chapter 9 Item 12.1				
16.2.6	Is the repetitive defect management system established with a limit to the number of times a particular defect may be repeated?	- Air Operator Certificate Requirements Chapter 9 Item 12.1				
16.2.7	Is the over-limited repetitive defects brought to the attention of a senior person for ensuring that positive action is taken to obviate a further repetition of the defect?	- Air Operator Certificate Requirements Chapter 9 Item 12.1				
16.2.8	Do line and outstation maintenance personnel have access to repetitive defect information?	- Air Operator Certificate Requirements Chapter 9 Item 12.2				



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No.	Subject	Reference	S	U	N/A	Comment
	17. Maintenance Certification / Maintenance Release					
17.1	Are all maintenance release properly issued and satisfied that:	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.1	(a) It contains basic details of the maintenance carried out including detailed reference of the approved data used?	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.1	(b) It contains the date such maintenance was completed?	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.1	(c) The identity of the approved maintenance organization is present?	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.1	(d) It is issued by the maintenance organisation approved by CAAT?	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.1	(e) The identity of the person or persons signing the release is present?	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.1	(f) Maintenance tasks are complete or properly deferred	- Air Operator Certificate Requirements				



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	and certified in accordance with the scope of the CRS?	Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.1	(g) As applicable, any tools used for particular maintenance tasks were properly calibrated and controlled?	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.2	Is maintenance release issued by an AMO or completed by a person appropriately licensed in accordance with GMM under AOC provision?	- Air Operator Certificate Requirements Chapter 12 Item 7 - Helicopter Operations Requirements 6.7				
17.3	Is approval or certificate for return to service issued after maintenance, preventive maintenance, rebuilding or alteration?	- ประกาศกรมฯ การบำรุงรักษา การบำรุงเชิงป้องกัน 51 1.6				
17.4	Are equipped engines, propellers or aircraft parts released with Authorised Release Certificate in accordance with Announcement of CAAT on Acceptable Foreign Airworthiness Tag?	- ประกาศ กพท. หนังสือรับรองความสมควรเดินอากาศของต่างประเทศ NCAAT on Acceptable Foreign Airworthiness Tag				
17.5	Does the operator ensure that the information is provided to advise the Pilot-in-command when the next Scheduled maintenance Inspection (SMI) is due, or any means to confirm that no maintenance task is due or will become due before the end of the intended flight?	- Air Operator Certificate Requirements Chapter 9 Item 22.3 - Air Operator Certificate Requirements Chapter 9 Item 22.2				
18.1 Special Operations and Aircraft Performance Operating Limitations - General						



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No.	Subject	Reference	S	U	N/A	Comment
18.1.1	As applicable to any granted specific approvals (such as ETOPS/EDTO, ADS-B OUT, PBN, AWO, RVSM, MNPS, PBCS, CPDLC/ADS-C, EFB, ULR, etc.), does the operator ensure that the aircraft and its equipment is approved, installed, and maintained in a manner approved by CAAT?	- Air Operator Certificate Requirements Chapter 2 Item 24.3				
18.1.2	As applicable to any approved operations, does the operator ensure the airworthiness of aircraft in accordance with the approved operating limitations and performance information contained in its flight manual, supplemented as necessary with other acceptable data including additional requirements mandated by CAAT ?	- Air Operator Certificate Requirements Chapter 2 Item 29.2 - Helicopter Operations Requirements 3.2.3				
18.2 Special Operations - AWO						
18.2.1	As applicable to CAT II / III operations (AWO), is there a procedure on the control of validity of all-weather categorisation including:	- Air Operator Certificate Requirements Chapter 9 Item 21.1.1				
18.2.1	(a) A list of the systems required to be fully serviceable in order to qualify the aircraft for CAT II or III operations?	- Air Operator Certificate Requirements Chapter 9 Item 21.1.1				
18.2.1	(b) Procedure for the control of the modification status of the equipment fitted in the required systems which are deemed to be 'sensitive' in terms of all-weather operations?	- Air Operator Certificate Requirements Chapter 9 Item 21.1.1				
18.2.1	(c) Procedures for downgrading all weather capability	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	from CAT III or II to CAT I in the event that an uncontrolled item of equipment is fitted or after any defect in an affected system or any event which results in disturbance of the system?	Chapter 9 Item 21.1.1				
18.2.1	(d) Procedures for up-grading capability from CAT I to CAT II or III as appropriate when serviceability is proven, normally by performing a successful CAT II approach or CAT III landing in Category 1 weather conditions (standard landing)?	- Air Operator Certificate Requirements Chapter 9 Item 21.1.1				
18.2.2	As applicable to CAT II / III operations (AWO), does the operator to ensure that the provision is made to inform the crew of the Category II/III status of the aircraft before the flight is begun?	- Air Operator Certificate Requirements Chapter 9 Item 21.1.2				
18.2.3	As applicable to CAT II / III operations (AWO), is there a system reliability monitoring setting with alert levels to support the consideration to the levels of reliability assumed in qualifying the aircraft for CAT II / III operations and to ensure that significant trends are responded promptly to suspend all-weather classification until remedial actions are taken?	- Air Operator Certificate Requirements Chapter 9 Item 21.1.3				
18.3 Special Operations - ETOPS/EDTO						
18.3.1	As applicable to ETOPS/EDTO operations, does the	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	operator established procedure to obtain the following:	Chapter 2 Item 22.4				
18.3.1	(a) Overall reliability of the ETOPS/EDTO-approved aeroplane	- Air Operator Certificate Requirements Chapter 2 Item 22.4				
18.3.1	(b) Reliability of each time limited system	- Air Operator Certificate Requirements Chapter 2 Item 22.4				
18.3.1	(c) Assessment of relevant information from the aeroplane manufacturer and airworthiness certification for EDTO of the aeroplane type	- Air Operator Certificate Requirements Chapter 2 Item 22.7 - Air Operator Certificate Requirements Chapter 2 Item 22.4				
18.3.2	As applicable to ETOPS/EDTO operations, does the operator ensure that the maintenance programme of ETOPS/EDTO-approved aeroplane contains the following information:	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.3				
18.3.2	(a) Maintenance tasks related to ETOPS/EDTO are clearly specified?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.3				
18.3.2	(b) Procedures for control of maintenance tasks related to ETOPS/EDTO?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.3				
18.3.2	(c) Airworthiness certification for ETOPS/EDTO operation before the commencement of an ETOPS/EDTO flight?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.3				
18.3.2	(d) Procedure to review journey logbook to ensure that the MEL, deferred defects, and maintenance checks are	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.3				



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	properly followed and completed?					
18.3.2	(e) Reliability programme to ensure ETOPS/EDTO performance including the data collection and analysis of in-flight shutdown, diversions or turnback, uncommanded power changes or surges, inability to control the engine or obtain desired power, problems with systems critical to ETOPS/EDTO, and any other occurrences that may harm ETOPS/EDTO operation?	- Air Operator Certificate Requirements Chapter 2 Item 22.7 - ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.3				
18.3.3	As applicable to ETOPS/EDTO operations, does the operator has ETOPS/EDTO manuals that includes:	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.4				
18.3.3	(a) ETOPS/EDTO maintenance programme?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.4				
18.3.3	(b) ETOPS/EDTO operation procedure?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.4				
18.3.3	(c) Procedure and responsible persons in case of in-flight shut down, ETOPS/EDTO-significant system failure, or when test flight is required to satisfy the rectification of ETOPS/EDTO-related defects?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.4				
18.3.3	(d) Procedure and responsible persons for manual amendment?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.4				
18.3.3	(e) For indirect approval, have the EDTO manual indirect	- Air Operator Certificate Requirements				



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	approval procedure properly established in the GMM and effectively implemented?	Chapter 9 Item 2.12 - Air Operator Certificate Requirements APPENDIX Y - Air Operator Certificate Requirements Chapter 9 Item 2.14 - Air Operator Certificate Requirements Chapter 9 Item 2.13				
18.3.4	As applicable to ETOPS/EDTO operations, does the operator established the Oil Consumption Programme and ensure that:	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.5				
18.3.4	(a) It is in accordance with aircraft manufacturer's recommendation?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.5				
18.3.4	(b) It represents oil consumption trends for the station which has ETOPS/EDTO operations?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.5				
18.3.4	(c) As applicable, it includes the monitoring of APU's oil consumption?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.5				
18.3.5	As applicable to ETOPS/EDTO operations, does the operator has a procedure for Engine Condition Monitoring which includes:	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.6				
18.3.5	(a) Procedure on engine parameter data collection	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.6				
18.3.5	(b) Procedure on engine data analysis	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ				



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		(ETOPS) ข้อ 5.6				
18.3.6	As applicable to ETOPS/EDTO operations, does the operator ensure that the 12-month average of in-flight shutdown rate is:	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.7				
18.3.6	(a) For 120-min-ETOPS/EDTO, it is less than 0.05 per 1000 engine flight hour	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.7				
18.3.6	(b) For 180-min-ETOPS/EDTO, it is less than 0.03 per 1000 engine flight hour	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.7				
18.3.7	As applicable to ETOPS/EDTO operations, is there a procedure to immediately report to CAAT when the in-flight shutdown rate is higher than the required rate?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.7				
18.3.8	As applicable to ETOPS/EDTO operations, does the operator has training programme and competency assessment for maintenance personnel who involving ETOPS/EDTO operations?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.8				
18.3.9	As applicable to ETOPS/EDTO operations, does the operator establish spare provisioning programme necessary for ETOPS/EDTO operations dispatching including receiving inspection procedure for ETOPS/EDTO-part sourcing?	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ (ETOPS) ข้อ 5.9				
18.3.1	As applicable to ETOPS/EDTO operations, is the MEL	- ประกาศ ขอ. เรื่อง การรับรองการปฏิบัติการบินแบบ				



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0	established for ETOPS/EDTO operations in accordance with requirements for ETOPS/EDTO Approval?	(ETOPS) ข้อ 5.10				
18.3.1 1	As applicable to ETOPS/EDTO operations, are the MEL items related to ETOPS/EDTO clearly identified?	- ประกาศกรมฯ การรับรองรายการอุปกรณ์ขั้นต่ำที่ใช้งานได้ ข้อ ๔(๘)				
18.4 Special Operations - RVSM						
18.4.1	As applicable to RVSM operations, does the operator ensure that the aircraft meets requirement and is capable to conduct RVSM operation before each flight?	- Air Operator Certificate Requirements Chapter 2 Item 24.4				
18.4.2	As applicable to RVSM operations, is there an effective maintenance and inspection programme to ensure the continuing airworthiness status of altimeter system and altitude reporting equipment?	- Air Operator Certificate Requirements Chapter 11 Item 2.7(b) - Air Operator Certificate Requirements Chapter 9 Item 21.3.1				
18.4.3	As applicable to RVSM operations, are all RVSM equipment maintained in accordance with the component manufacturer's maintenance requirements?	- Air Operator Certificate Requirements Chapter 9 Item 21.3.6				
18.4.4	As applicable to RVSM operations, are airframe and static systems maintained in accordance with the airframe manufacturer's inspection standards and procedures?	- Air Operator Certificate Requirements Chapter 9 Item 21.3.7				
18.4.5	As applicable to RVSM operations, is the established procedure properly followed in respect of continued airworthiness practices and programmes?	- Air Operator Certificate Requirements Chapter 11 Item 2.7(b)				



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18.4.6	As applicable to RVSM operations, does the operator ensure adequate provisions exist for:	- Air Operator Certificate Requirements Chapter 11 Item 2.8				
18.4.6	(a) Receiving the reports of height-keeping performance issued by the monitoring agencies	- Air Operator Certificate Requirements Chapter 11 Item 2.8				
18.4.6	(b) Taking immediate corrective action for individual aircraft, or aircraft type groups, identified in such reports as not complying with the height-keeping requirements for operation in airspace where RVSM is applied.	- Air Operator Certificate Requirements Chapter 11 Item 2.8				
18.4.7	As applicable to RVSM operations, are there provisions and procedures established to ensure that appropriate action is taken in respect of aircraft found to be operating in RVSM airspace of Thailand and another State without a valid RVSM specific approval?	- Air Operator Certificate Requirements Chapter 11 Item 2.10				
18.5 Special Operations - MNPS						
18.5	As applicable to MNPS operations, does the operator maintain the aircraft to meet the MNPS requirements?	- Air Operator Certificate Requirements Chapter 9 Item 21.4.5 - Air Operator Certificate Requirements Chapter 11 Item 2.5 - Air Operator Certificate Requirements Chapter 9 Item 21.4.1 - Air Operator Certificate Requirements Chapter 9 Item 21.4.2				



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		- Air Operator Certificate Requirements Chapter 9 Item 21.4.3 - Air Operator Certificate Requirements Chapter 9 Item 21.4.4				
	18.6 Special Operations - PBN					
18.6	As applicable to PBN operations, does the operator maintain the aircraft to meet the navigation specification requirements?	- Air Operator Certificate Requirements Chapter 11 Item 2.3 - Air Operator Certificate Requirements Chapter 9 Item 21.4.6 - Air Operator Certificate Requirements Chapter 9 Item 21.4.7 - Air Operator Certificate Requirements Chapter 11 Item 2.2				
	18.7 Special Operations - PBCS					
18.7.1	As applicable to PBC operations, does the operator maintain the aircraft to meet the navigation specification requirements?	- Air Operator Certificate Requirements Chapter 11 Item 1.3 - Air Operator Certificate Requirements Chapter 9 Item 21.4.6 - Air Operator Certificate Requirements Chapter 9 Item 21.4.7 - Air Operator Certificate Requirements Chapter 11 Item 1.5				



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		- Air Operator Certificate Requirements Chapter 11 Item 1.4				
18.7.2	As applicable to PBS operations, does the operator maintain the aircraft to meet the navigation specification requirements?	- Air Operator Certificate Requirements Chapter 11 Item 3.4 - Air Operator Certificate Requirements Chapter 11 Item 3.2 - Air Operator Certificate Requirements Chapter 11 Item 3.3 - Air Operator Certificate Requirements Chapter 9 Item 21.4.6 - Air Operator Certificate Requirements Chapter 9 Item 21.4.7				
18.8 Special Operations - ADS-B						
18.8.1	As applicable to ADS-B operations, does the operator ensure that maintenance practices or maintenance programme, and MEL are established with continuing airworthiness information reflecting the functional requirements of the ADS-B system for the aircraft operating in ADS-B airspace?	- Air Operator Certificate Requirements Chapter 2 Item 39.4				
18.8.2	As applicable to ADS-B operations, does the operator ensure that the aircraft equipment is maintained to meet the ADS-B specification requirement?	- Air Operator Certificate Requirements Chapter 2 Item 39.3				



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18.9 Special Operations - HEMS						
18.9.1	As applicable to helicopter's HEMS operations, does the operator properly implement engine usage monitoring system in accordance with the approved procedure?	- Helicopter Operations Requirements D - Helicopter Operations Requirements 12				
18.9.2	As applicable to helicopter's HEMS operations, does the operator maintain engine reliability and inflight shutdown (IFSD) rate to an acceptable level to CAAT?	- Helicopter Operations Requirements D - Helicopter Operations Requirements 12				
18.10 Aircraft Performance Operating Limitations - Operations of Single Engine Turbine-Powered Aeroplanes at Night and/or IMC						
18.10.1	As applicable to approved operations by Single Engine Turbine-Powered Aeroplanes at Night and/or IMC, does the operator ensure to meet standards and overall level of safety as required by AOCR Chapter 2 Item 29.10?	- Air Operator Certificate Requirements Chapter 2 Item 29.10 - Air Operator Certificate Requirements APPENDIX M				
19. Aircraft Instruments and Equipment						
19.1	As applicable, are the installed FDRs able to record at least the duration and the number of parameters required by the regulations?	- Air Operator Certificate Requirements Chapter 10 Item 3.1 - Air Operator Certificate Requirements APPENDIX V - Helicopter Operations Requirements A - Helicopter Operations Requirements 4.3.1.3				



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No.	Subject	Reference	S	U	N/A	Comment
19.2	As applicable, are the installed CVRs able to retain the information recorded at least the duration required by the regulations?	- Air Operator Certificate Requirements Chapter 10 Item 3.2 - Helicopter Operations Requirements 4.3.2.4				
19.3	As applicable, are the installed DLRs able to record at least the duration and the correlated recorded cockpit audio required by the regulations?	- Air Operator Certificate Requirements Chapter 10 Item 3.3.2 - Air Operator Certificate Requirements Chapter 10 Item 3.3.3 - Helicopter Operations Requirements 4.3.3.3 - Helicopter Operations Requirements 4.3.3.2				
19.4	As applicable, are the installed CVRs or CARs able to record simultaneously on four separate channels, or more, at least the following:	- Air Operator Certificate Requirements APPENDIX V Item 3.2.1 - Air Operator Certificate Requirements APPENDIX V Item 3.2.3 - Helicopter Operations Requirements A.1.3.2(a)				
19.4	(a) For CVRs & CARs, voice communication transmitted from or received in the aircraft by radio?	- Air Operator Certificate Requirements APPENDIX V Item 3.2.3(a) - Air Operator Certificate Requirements APPENDIX V Item 3.2.1(a) - Helicopter Operations Requirements A.1.3.2(a).1				
19.4	(b) For CVRs & CARs, aural environment on the flight	- Air Operator Certificate Requirements				



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	deck?	APPENDIX V Item 3.2.1(b) - Air Operator Certificate Requirements APPENDIX V Item 3.2.3(b) - Helicopter Operations Requirements A.1.3.2(a).2				
19.4	(c) For CVRs & CARs, voice communication of flight crew members on the flight deck using the aircraft's interphone system, if installed?	- Air Operator Certificate Requirements APPENDIX V Item 3.2.1(c) - Air Operator Certificate Requirements APPENDIX V Item 3.2.3(c) - Helicopter Operations Requirements A.1.3.2(a).3				
19.4	(d) For CVRs, voice or audio signals identifying navigation or approach aids introduced in the headset or speaker?	- Air Operator Certificate Requirements APPENDIX V Item 3.2.1(d) - Helicopter Operations Requirements A.1.3.2(a).4				
19.4	(e) For CVRs, voice communication of flight crew members using the passenger address system, if installed?	- Air Operator Certificate Requirements APPENDIX V Item 3.2.1(e) - Helicopter Operations Requirements A.1.3.2(a).5				
19.5	Is there a pre-flight checking to ensure that all flight recorder systems are operating properly?	- Air Operator Certificate Requirements APPENDIX V Item 1.4(b) - Air Operator Certificate Requirements				



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		Chapter 10 Item 3.5.3 - Air Operator Certificate Requirements APPENDIX V Item 7.1 - Helicopter Operations Requirements A.3.1 - Helicopter Operations Requirements 4.3.4.3				
19.6	For FDR/ADRS, CVR/CARS, and AIR/AIRS, have the recording inspections been carried out at the interval of 1 year?	- Air Operator Certificate Requirements APPENDIX V Item 7.2 - Helicopter Operations Requirements A.3.2				
19.7	For DLR/DLRS, have the recording inspections been carried out at the interval of 2 years?	- Air Operator Certificate Requirements APPENDIX V Item 7.2 - Helicopter Operations Requirements A.3.2				
19.8	Are flight recording inspections carried out as follows:	- Air Operator Certificate Requirements APPENDIX V Item 7.3 - Helicopter Operations Requirements A.3.3				
19.8	(a) An analysis of the recorded data from the flight recorders to ensure that the recorder operates correctly for the nominal duration of the recording?	- Air Operator Certificate Requirements APPENDIX V Item 7.3 - Helicopter Operations Requirements A.3.3				
19.8	(b) The FDR/ADRS are examined in engineering units to evaluate the validity of all recorded parameters?	- Air Operator Certificate Requirements APPENDIX V Item 7.3 - Helicopter Operations Requirements A.3.3				
19.8	(c) The readout facility shall have the necessary software to accurately convert the recorded values to engineering	- Air Operator Certificate Requirements APPENDIX V Item 7.3				



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	units and to determine the status of discrete signals?	- Helicopter Operations Requirements A.3.3				
19.8	(d) An examination carried out by replay of the recorded signal on the CVR/CARS to ensure that all required signals meet intelligibility standards?	- Air Operator Certificate Requirements APPENDIX V Item 7.3 - Helicopter Operations Requirements A.3.3				
19.8	(e) Where practicable, during the examination, a sample of in-flight recordings of the CVR/CARS are examined for evidence that the intelligibility of the signal is acceptable?	- Air Operator Certificate Requirements APPENDIX V Item 7.3 - Helicopter Operations Requirements A.3.3				
19.8	(f) An examination carried out by replay of the recorded images on the AIR/AIRS are carried out to ensure that all required images meet recording quality standards?	- Air Operator Certificate Requirements APPENDIX V Item 7.3 - Helicopter Operations Requirements A.3.3				
19.8	(g) An examination carried out by replay of the recorded messages on the DLR/DLRS are carried out?	- Air Operator Certificate Requirements APPENDIX V Item 7.3 - Helicopter Operations Requirements A.3.3				
19.9	Is the flight recorder system considered unserviceable when there is a significant period of poor-quality data, unintelligible signals, or if one or more of the mandatory parameters is not recorded correctly?	- Air Operator Certificate Requirements APPENDIX V Item 7.4 - Helicopter Operations Requirements A.3.4				
19.10	Are reports of the recording inspection made available on request to CAAT?	- Air Operator Certificate Requirements APPENDIX V Item 7.5 - Helicopter Operations Requirements A.3.5				



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No.	Subject	Reference	S	U	N/A	Comment
19.11	As applicable, has FDR system been calibrated:	- Air Operator Certificate Requirements APPENDIX V Item 7.6 - Helicopter Operations Requirements A.3.6				
19.11	(a) For those parameters which have sensors dedicated only to the FDR and are not checked by other means, at least every 5 years or in accordance with the recommendations of the sensor manufacturer?	- Air Operator Certificate Requirements APPENDIX V Item 7.6 - Helicopter Operations Requirements A.3.6				
19.11	(b) When the parameters of altitude and airspeed are provided by sensors that are dedicated to the FDR system, at least every 2 years or in accordance with the recommendations of the sensor manufacturer?	- Air Operator Certificate Requirements APPENDIX V Item 7.6 - Helicopter Operations Requirements A.3.6				
19.12	As applicable to FDR installation, does the operator ensure that documentation concerning parameter allocation, conversion equations, periodic calibration, and other serviceability/maintenance information have been maintained to be sufficient to ensure that accident investigation authorities have the necessary information to read out the data in engineering units?	- Air Operator Certificate Requirements Chapter 2 Item 37.6 - Air Operator Certificate Requirements APPENDIX V Item 2.3.2				
19.13	Does the operator ensure that the flight recording inspection, whether it is carried out by the operator themselves or contracted/sub-contracted, is in accordance with Appendix AG to ensure that:	- Air Operator Certificate Requirements Chapter 9 Item 33 - Air Operator Certificate Requirements APPENDIX AG				



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19.13	(a) The replay facility has procedures in place to address the issues related to control of the hardware and software used for flight recorder readouts?	- Air Operator Certificate Requirements APPENDIX AG.2.1				
19.13	(b) The replay facility has procedures in place detailing the required means of operating the replay equipment	- Air Operator Certificate Requirements APPENDIX AG.2.2				
19.13	(c) The replay facility has procedures in place covering the revision control of all flight recorder maintenance programme documents, including regulatory, technical and background documents	- Air Operator Certificate Requirements APPENDIX AG.2.3				
19.13	(d) The replay facility has procedures in place to address staff training	- Air Operator Certificate Requirements APPENDIX AG.2.4				
19.13	(e) The contents of readout report consist of scope of work details, the readout, analysis, and any limitations in the readout process that may affect the determination of the integrity of the data readout	- Air Operator Certificate Requirements APPENDIX AG.2.5				
19.13	(f) The aircraft operator retains flight recorder system readout records or test reports for a minimum period of 90 days after the aircraft has been permanently withdrawn from service in a safe manner and correctly identified to the aircraft and the flight to which it pertains	- Air Operator Certificate Requirements APPENDIX AG.2.5				
19.14	Does the operator ensure that the applicable flight recording system meets the minimum performance (ED-	- Air Operator Certificate Requirements APPENDIX AG.2.8				



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	112A and ED-155) and the readout is in the following standards?	- Air Operator Certificate Requirements APPENDIX AG.2.7 - Air Operator Certificate Requirements APPENDIX AG.2.6 - Air Operator Certificate Requirements APPENDIX AG.2.9				
19.14	(a) Flight Data Recorder (FDR) (1) The readout organization has required equipment and competence to perform the task, and procedures details how an FDR readout will be performed, controlled, and assessed (2) The aircraft operator is responsible for ensuring the continued serviceability of the FDR system and retaining the relevant records (3) The aircraft operator ensures that an assessment is conducted to confirm that the quantity and quality of all data recovered from the FDR are correct for the data rate of the system and the recorder part number concerned (4) The FDR readout reports contain, as a minimum, the information presented in Attachment 1 to AOOCR Appendix AG (5) The FDR readout results is assessed by the aircraft operator to determine the actual serviceability of the FDR	- Air Operator Certificate Requirements APPENDIX AG.2.6				



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	<p>system and to assist in the scheduling of any necessary maintenance work</p> <p>(6) The FDR readout is analysed by the aircraft operator so that any anomaly found is investigated to determine their cause and take corrective action within the time period specified by relevant MMEL (start when FDR parameter defects are identified)</p> <p>(7) When this task is contracted/subcontracted, details are described in the GMM</p>					
19.14	<p>(b) Cockpit Voice Recorder (CVR)</p> <p>(1) The readout organization has required equipment and competence to perform the task, and procedures details how an CVR readout will be performed, controlled, and assessed</p> <p>(2) The recording is played back in an area where the privacy and confidentiality of the recorded voices may be assured</p> <p>(3) The serviceability of the CVR system is assessed by the replay facility to establish that recordings of adequate quality have been made on all channels for the test conditions, including, listening tests and proper signal recording level are confirmed</p> <p>(4) The validation process of CVR replays are details in</p>	- Air Operator Certificate Requirements APPENDIX AG.2.7				



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	<p>readout organization's procedural manual</p> <p>(5) The aircraft operator has sufficient procedure to enable them to perform a maintenance replay of the CVR that can highlight any deficiencies and associated remedial actions</p> <p>(6) The CVR recordings are assessed against a quality rating scale which must be provided for reference in the recording inspection report</p> <p>(7) The readout report is identified with the aircraft and flight concerned and confirmed that all input channels were identified for the various test conditions, including details of the audio quality and intelligibility notes, along with any other observations made from the recording</p> <p>(8) The CVR readout reports contain the test results dedicated function associated to each channel evaluated and, as a minimum, the information presented in Attachment 2 to AOCR Appendix AG which contain a column for each channel of the recording to note the results</p> <p>(9) CVR audio recording quality is considered as unacceptable when the information required by the regulations to be recorded by the CVR is unintelligible or</p>					



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	<p>inexplicably missing</p> <p>(10) The CVR readout results is analysed by the aircraft operator so that troubleshooting then be performed to identify the appropriate corrective actions, and to ensure their effectiveness, a CVR audio quality check are subsequently performed</p>					
19.14	<p>(c) Airborne Image Recording (AIR)</p> <p>(1) The readout organization has required equipment and competence to perform the task, and procedures details how an AIR readout will be performed, controlled, and assessed</p> <p>(2) The replay equipment are located in a clean, quiet area which is sufficiently separated from other work areas to ensure the privacy of recordings. Access to the replay equipment are restricted to authorized personnel only</p> <p>(3) Provision are made for the secure storage of AIR recording media and any copies made</p> <p>(4) The recording are checked to confirm that the required input sources are connected to the AIR system and that the image quality is acceptable, and by ensuring that the resolution available is sufficient to meet the specified resolution requirements</p> <p>(5) The AIR readout report contain, as a minimum, the</p>	- Air Operator Certificate Requirements APPENDIX AG.2.8				



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	<p>information presented in Attachment 3 of AOCR Appendix AG, in addition, it is annotated with brief comments on the replay image quality</p> <p>(6) Samples of an in-flight recording during selected flight phases are replayed and assessed for quality</p> <p>(7) An airborne flight crew-machine interface recording systems are considered unserviceable if the recording duration is less than required or if there is a period of poor quality images</p>					
19.14	<p>(d) Data Link Recording (DLR)</p> <p>(1) The readout organization has required equipment and competence to perform the task, and procedures details how an DLR readout will be performed, controlled, and assessed</p> <p>(2) Means are provided to retrieve and decode recorded messages obtained via a digital data link, and also to retrieve timing signals</p> <p>(3) Proper recording of a data link message are verified and correlated to announcements recorded by the flight crew</p> <p>(4) The spaces on the report are, as applicable, annotated with brief comments on the replay signal quality</p>	- Air Operator Certificate Requirements APPENDIX AG.2.9				



Checklist Number:

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Applicability:

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No.	Subject	Reference	S	U	N/A	Comment
	(5) Samples of in-flight recording during selected flight phases are replayed and assessed for integrity (6) Data link recorder systems are considered unserviceable if the recording duration is less than required, if one or more messages are corrupted or not recorded					
19.15	Does the operator ensure that all ELTs are coded with acceptable protocol and registered with the appropriate authority (e.g. Search and Rescue Thailand)?	- Air Operator Certificate Requirements Chapter 10 Item 17.7 - Helicopter Operations Requirements 4.7				
19.16	Does the operator ensure that installed ELT that is capable of transmitting on 406 MHz is be registered and coded in accordance with the relevant provisions of ICAO Annex 10, Volume III:	- Air Operator Certificate Requirements Chapter 10 Item 17.7 - Helicopter Operations Requirements 4.7				
19.16	(a) have the capacity to transmit a programmed digital message which contains information related to the ELT and/or the aircraft on which it is carried?	- Air Operator Certificate Requirements Chapter 10 Item 17.7 - Helicopter Operations Requirements 4.7				
19.16	(b) the digital message contains EITHER the transmitter serial number OR one of the following information elements? (1) aircraft operating agency designator and a serial number; (2) 24-bit aircraft address;	- Air Operator Certificate Requirements Chapter 10 Item 17.7 - Helicopter Operations Requirements 4.7				



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No.	Subject	Reference	S	U	N/A	Comment
	(3) aircraft nationality and registration marks					
19.16	(c) the digital message contains a Country Code	- Air Operator Certificate Requirements Chapter 10 Item 17.7 - Helicopter Operations Requirements 4.7				
19.16	(d) it is designed for operation with the COSPAS-SARSAT system and type approved?	- Air Operator Certificate Requirements Chapter 10 Item 17.7 - Helicopter Operations Requirements 4.7				
20. Maintenance Documentation						
20.1	Does the operator ensure that the working document information contains:	- Air Operator Certificate Requirements Chapter 9 Item 15.1				
20.1	(a) A list of inspections, checks or work items required to meet the requirements of the approved maintenance programme and adequate directions for their implementation?	- Air Operator Certificate Requirements Chapter 9 Item 15.1				
20.1	(b) The part numbers and serial numbers (unless not relevant to component control) of all components to be removed and replaced, and their locations on the aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 15.1				
20.1	(c) Details of any modifications which have to be incorporated during the check?	- Air Operator Certificate Requirements Chapter 9 Item 15.1				
20.1	(d) Any mandatory or special inspections, or any other	- Air Operator Certificate Requirements				



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	checks which are required to be made by the operator in addition to those required by the approved maintenance programme?	Chapter 9 Item 15.1				
20.1	(e) As applicable, detailed procedures for engine runs, engine or propeller change, fuel flow tests, duplicate inspection of controls, landing gear retraction tests etc.?	- Air Operator Certificate Requirements Chapter 9 Item 15.1				
20.1	(f) A list of outstanding deferred and carried forward defects?	- Air Operator Certificate Requirements Chapter 9 Item 15.1				
20.1	(g) A space or additional worksheets or cards provided for recording the work completed as a result of the maintenance check and any defects arising from inspections?	- Air Operator Certificate Requirements Chapter 9 Item 15.2				
20.2	Does the operator ensure that all worksheets or cards are readily identifiable, have an issue number, and identified to associate them positively with the relevant items in the approved maintenance programme?	- Air Operator Certificate Requirements Chapter 9 Item 15.3				
20.3	Does the operator ensure that all worksheets or cards are recorded on a 'workpack control' sheet which contains the following information: (a) Name and the Authority Approval reference of the maintenance organisation (b) Aircraft type and registration marks	- Air Operator Certificate Requirements Chapter 9 Item 15.4				



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No.	Subject	Reference	S	U	N/A	Comment
	(c) The maintenance check to be carried out (d) The date (e) The approved maintenance programme reference number and amendment (f) The name of the operator					
20.4	Have all maintenance documents prepared in accordance with requirement and the approved procedure?	- Air Operator Certificate Requirements Chapter 9 Item 15				
21. Continuing Airworthiness Information						
21.1	Does the operator ensure for obtaining and assessing of incoming airworthiness and technical information from the organization responsible for the Type Design or manufacturer relating to relevant aircraft types or components?	- Air Operator Certificate Requirements Chapter 12 Item 5.4 - Air Operator Certificate Requirements Chapter 13 Item 2(h) - Air Operator Certificate Requirements Chapter 13 Item 2(g) - Air Operator Certificate Requirements Chapter 9 Item 16.2 - Helicopter Operations Requirements 9.2(g) - Helicopter Operations Requirements 9.2(h) - Helicopter Operations Requirements 6.5.4				
21.2	Is the technical information assessment established with priority of response so that significant airworthiness	- Air Operator Certificate Requirements Chapter 9 Item 16.2				



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No.	Subject	Reference	S	U	N/A	Comment
	important matters will be assessed and responded promptly?					
21.3	Does the operator ensure that the relevant aircraft manufacturer is aware that they are the user of the aircraft so that all relevant service information, details of in-service experience of the aircraft and amendments to manuals, including the Flight Manual, are received and embodied in a timely manner?	- Air Operator Certificate Requirements Chapter 9 Item 16.5				
22. Technical Publications and Document Management						
22.1	Does the technical library hold and make available to concerned personnel the necessary technical data, e.g. the Authority Regulatory publications, the Thailand Regulatory Requirement, manufacturer's manuals, any relevant service information, any other related literature appropriate to the aircraft types covered by the AOC and copies of appropriate company manuals, procedures and Instructions?	- Air Operator Certificate Requirements Chapter 9 Item 17.1				
22.2	Is there a person appointed to be responsible for the technical library?	- Air Operator Certificate Requirements Chapter 9 Item 17.1				
22.3	Does the operator ensure that all personnel are aware of the applicable laws, regulations and procedures relevant	- Air Operator Certificate Requirements Chapter 9 Item 17.1				



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No.	Subject	Reference	S	U	N/A	Comment
	to the exercise of their duties?	- Air Operator Certificate Requirements Chapter 5 Item 1.7				
22.4	Does the technical library make arrangements for manuals or sections of manuals, schedules, service information, etc., appropriate to the work undertaken, to be made available to line maintenance stations and a suitable procedure maintained to ensure that such information is kept up to date?	- Air Operator Certificate Requirements Chapter 9 Item 17.4				
22.5	Does the technical library make arrangements for all technical drawings to be suitably stored and to ensure that only drawings of the correct issue are released with a person responsible for maintaining an up-to-date record of drawings available and also for notifying departments concerned when drawings have been superseded by a later issue?	- Air Operator Certificate Requirements Chapter 9 Item 17.3				
22.6	Has publishing instructions procedure been properly implemented to ensure that? (a) The work instructions are distributed to maintenance personnel individually or in such a way that each person has access to a copy and there is a record kept to show that he has seen each document issued (b) The published documents are numbered	- Air Operator Certificate Requirements Chapter 9 Item 13.2				



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No.	Subject	Reference	S	U	N/A	Comment
	sequentially and presented with dated, issue or revision number (c) The published documents are identified as to content, e.g. by ATA Chapter or by aircraft type number so as to permit easy access to particular subjects					
	23. Maintenance Record Keeping					
23.1	Are records structured or stored in such a way as to facilitate auditing?	- Air Operator Certificate Requirements Chapter 9 Item 14.3				
23.2	Does the operator ensure that there is a department responsible for the compilation and co-ordination of technical records which maintains a data recording system:	- Air Operator Certificate Requirements Chapter 9 Item 14.1				
23.2	(a) To ensure that the hours of service or elapsed times quoted in the approved maintenance programme are not exceeded as regards components and structural assemblies, and that scheduled maintenance periods are adhered to?	- Air Operator Certificate Requirements Chapter 9 Item 14.1				
23.2	(b) To record the number of landings, flights or cycles, and the use of maximum contingency or intermediate contingency power, when this information is specified in the approved maintenance programme or manufacturer's manuals as a basis for inspection or other necessary	- Air Operator Certificate Requirements Chapter 9 Item 14.1				



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No.	Subject	Reference	S	U	N/A	Comment
	action?					
23.2	(c) To process the foregoing information into aircraft, engine and propeller log books or equivalent records, to maintain the records and documents concerning overhaul and repair work, component changes, mandatory modifications and inspections and to maintain the Modification Record Book?	- Air Operator Certificate Requirements Chapter 9 Item 14.1				
23.2	(d) To maintain records required by the CAAT?	- Air Operator Certificate Requirements Chapter 9 Item 14.1				
23.3	Does the operator ensure that the following records are kept for the specified minimum period after the unit to which they refer has been permanently withdrawn from service:	- Air Operator Certificate Requirements Chapter 12 Item 4.2 - Air Operator Certificate Requirements Chapter 12 Item 4.1 - Helicopter Operations Requirements 6.4.2 - Helicopter Operations Requirements 6.4.3 - Helicopter Operations Requirements 6.4.1				
23.3	(a) The total time in service (hours, calendar time and cycles, as appropriate) of the aircraft and all life-limited components (kept for 90 days)?	- Air Operator Certificate Requirements Chapter 12 Item 4.2 - Air Operator Certificate Requirements Chapter 12 Item 4.1 - Helicopter Operations Requirements 6.4.2 - Helicopter Operations Requirements 6.4.3				



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No.	Subject	Reference	S	U	N/A	Comment
		- Helicopter Operations Requirements 6.4.1				
23.3	(b) The current status of compliance with all mandatory continuing airworthiness information (kept for 90 days)?	- Air Operator Certificate Requirements Chapter 12 Item 4.2 - Air Operator Certificate Requirements Chapter 12 Item 4.1 - Helicopter Operations Requirements 6.4.2 - Helicopter Operations Requirements 6.4.3 - Helicopter Operations Requirements 6.4.1				
23.3	(c) Appropriate details of modifications and repairs to the aircraft and its major components (kept for 90 days)?	- Air Operator Certificate Requirements Chapter 12 Item 4.2 - Air Operator Certificate Requirements Chapter 12 Item 4.1 - Helicopter Operations Requirements 6.4.1 - Helicopter Operations Requirements 6.4.2 - Helicopter Operations Requirements 6.4.3				
23.3	(d) The time in service (hours, calendar time and cycles, as appropriate) since the last overhaul of the aircraft or its components subject to a mandatory overhaul life (kept for 90 days)?	- Air Operator Certificate Requirements Chapter 12 Item 4.2 - Air Operator Certificate Requirements Chapter 12 Item 4.1 - Helicopter Operations Requirements 6.4.2 - Helicopter Operations Requirements 6.4.3 - Helicopter Operations Requirements 6.4.1				



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No.	Subject	Reference	S	U	N/A	Comment
23.3	(e) The current status of the aircraft's compliance with the approved maintenance programme (kept for 90 days)?	- Air Operator Certificate Requirements Chapter 12 Item 4.2 - Air Operator Certificate Requirements Chapter 12 Item 4.1 - Helicopter Operations Requirements 6.4.2 - Helicopter Operations Requirements 6.4.3 - Helicopter Operations Requirements 6.4.1				
23.3	(f) The detailed maintenance records to show that all requirements for the signing of a maintenance release have been met (kept for 1 year)?	- Air Operator Certificate Requirements Chapter 12 Item 4.2 - Air Operator Certificate Requirements Chapter 12 Item 4.1 - Helicopter Operations Requirements 6.4.2 - Helicopter Operations Requirements 6.4.3 - Helicopter Operations Requirements 6.4.1				
23.4	Does the operator ensure that:	- Air Operator Certificate Requirements Chapter 12 Item 4.3 - Air Operator Certificate Requirements Chapter 12 Item 4.4 - Helicopter Operations Requirements 6.4.4 - Helicopter Operations Requirements 6.4.3				
23.4	(a) In the event of a temporary change of operator, the records are made available to the new operator?	- Air Operator Certificate Requirements Chapter 12 Item 4.3				



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Location: Date:

No.	Subject	Reference	S	U	N/A	Comment
		- Air Operator Certificate Requirements Chapter 12 Item 4.4 - Helicopter Operations Requirements 6.4.4 - Helicopter Operations Requirements 6.4.3				
23.4	(b) In the event of any permanent change of operator, the records are transferred to the new operator?	- Air Operator Certificate Requirements Chapter 12 Item 4.3 - Air Operator Certificate Requirements Chapter 12 Item 4.4 - Helicopter Operations Requirements 6.4.4 - Helicopter Operations Requirements 6.4.3				
23.4	(c) The records kept or transferred are maintained in a form and format that ensures readability, security and integrity of the records at all times?	- Air Operator Certificate Requirements Chapter 12 Item 4.3 - Air Operator Certificate Requirements Chapter 12 Item 4.4 - Helicopter Operations Requirements 6.4.4 - Helicopter Operations Requirements 6.4.3				
23.5	Have all records been retained for the required period?	- Air Operator Certificate Requirements Chapter 9 Item 15.5				
24. Maintenance Review						
24.1	For Maintenance Review Document, does the operator ensure that it is performed every 6 months by the personnel authorised by the aircraft registrant or the AOC	- พระราชบัญญัติการเดินอากาศ พ.ศ. ๒๕๔๗ มาตรา ๕๑/๘๐				



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Applicability:

Location: Date: 17/10/2023

No.	Subject	Reference	S	U	N/A	Comment
	authorised signatory?					
24.2	For Maintenance Review Report, does the operator ensure that:	- Air Operator Certificate Requirements Chapter 9 Item 9.1 - Air Operator Certificate Requirements Chapter 9 Item 9.4				
24.2	(a) The maintenance review is to ensure that all maintenance is complete, performed annually by the authorised CMR staff accepted by CAAT?	- Air Operator Certificate Requirements Chapter 9 Item 9.5 - Air Operator Certificate Requirements APPENDIX I - Air Operator Certificate Requirements Chapter 9 Item 9.4				
24.2	(b) The CMR is issued only when satisfied that the maintenance review has been completely carried out and that there is no non-compliance which is known to endanger flight safety?	- Air Operator Certificate Requirements Chapter 9 Item 9.5 - Air Operator Certificate Requirements APPENDIX I				
24.2	(c) A copy of any airworthiness review issued for an aircraft is sent to authority within 10 days?	- Air Operator Certificate Requirements Chapter 9 Item 9.5 - Air Operator Certificate Requirements APPENDIX I				
24.2	(d) Maintenance review tasks are NOT sub-contracted	- Air Operator Certificate Requirements Chapter 9 Item 9.5 - Air Operator Certificate Requirements				



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Applicability:

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No.	Subject	Reference	S	U	N/A	Comment
		APPENDIX I				
24.2	(e) When the review found any discrepancies on the aircraft linked to deficiencies in the content of the maintenance programme, the CAAT is informed as soon as practicable but in any case, within 72 hours from the moment the air operator identifies the condition to which the review relates?	- Air Operator Certificate Requirements Chapter 9 Item 9.5 - Air Operator Certificate Requirements APPENDIX I				
24.3	Does the operator ensure that no pressure or restrictions are imposed on the Maintenance Review staff when performing their duty?	- Air Operator Certificate Requirements Chapter 9 Item 9.5 - Air Operator Certificate Requirements APPENDIX I				
24.4	Does the operator ensure that the maintenance review tasks also take into account for the aircraft which returns to service from a long period of parking?	- Air Operator Certificate Requirements Chapter 9 Item 9.1 - Air Operator Certificate Requirements Chapter 9 Item 9.4				
24.5	When the certificate maintenance Review staff are not appropriately qualified to License Engineer, has the aircraft physical Inspection carried out and assisted by qualified personnel (The function of such License Engineer personnel is limited to perform and release the maintenance actions requested by the CMR only)?	- Air Operator Certificate Requirements Chapter 9 Item 9.5 - Air Operator Certificate Requirements APPENDIX I				
25. Spare Parts, Tools, Equipment, and Material						



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Applicability:

Location: Date: 11/10/23

No.	Subject	Reference	S	U	N/A	Comment
	Management					
25.1	Is there a procedure to ensure that every spare is stored, at all times and locations, in accordance with its manufacturer's instructions and in such a manner such that it remains airworthy and fit for use when required?	- Air Operator Certificate Requirements Chapter 9 Item 18.6				
25.2	If the operator manage spare parts by themselves, are the following procedures included in their storage procedure:	- Air Operator Certificate Requirements Chapter 9 Item 18.6				
25.2	(a) Procedures to control the return-to-store items issued for use but not needed, especially where the item has been installed in the aircraft and subsequently removed and the removal of components from completed assemblies must be controlled and identified?	- Air Operator Certificate Requirements Chapter 9 Item 18.6				
25.2	(b) Spares having a limited allowable shelf life, including materials and consumable products, must be identified and controlled?	- Air Operator Certificate Requirements Chapter 9 Item 18.6				
25.2	(c) Stores references or batch numbers should be recorded on worksheets, cards or technical log pages so as to facilitate subsequent tracing of the associated part to source?	- Air Operator Certificate Requirements Chapter 9 Item 18.6				
25.2	(d) Management procedures and conditions of storage must be reviewed regularly to ensure that satisfactory	- Air Operator Certificate Requirements Chapter 9 Item 18.6				



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	standards are being implemented?					
25.3	Does the operator ensure that all spares, tools, equipment, and parts to be used comply with Repair Station Certificate Requirements as applicable? (a) Tooling - 145.A.40 Equipment and tools (1) Availability of tools for the approved scope of work (Equipment and tools must be permanently available except infrequently used that its permanent availability is not necessary) (2) Control and calibration of tools and equipments to an officially recognized standard (b) Spares - 145.A.42 Components (1) Component classification (Serviceable, Unserviceable, Unsalvageable, Standard Parts, Material) (2) Installation of components, standard parts and materials (Acceptance of parts, Supplier evaluation, Installation, Fabrication) (3) Segregation of components (Segregation, Mutilation)	- Air Operator Certificate Requirements Chapter 9 Item 18.7				
25.4	For the scope of aircraft furnishing cleaning, does the operator have adequate control to ensure that their personnel has knowledge of the material type, the recommended cleaning or proprietary finishing processing	- Air Operator Certificate Requirements Chapter 9 Item 25				



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	methods, the effects of time in service on the flame resistance properties, the flame-retardant processes applied, if any, and the method of re-application of such a process, where this is necessary?					
25.5	Does the operator ensure that all engines, propellers or aircraft parts to be installed are released with Authorised Release Certificate in accordance with Announcement of CAAT on Acceptable Foreign Airworthiness Tag?	- ประกาศ กพท. หนังสือรับรองความสมควรเดินอากาศของต่างประเทศ NCAAT on Acceptable Foreign Airworthiness Tag				
26. Aircraft Status & Technical Logs						
26.1	Are all in-service aircraft's Certificate of Airworthiness valid?	- Air Operator Certificate Requirements Chapter 12 Item 1.1(c) - Air Operator Certificate Requirements Chapter 9 Item 3.1 - Helicopter Operations Requirements 6.1.2(c)				
26.2	Have all in-service aircraft been maintained in accordance with approved maintenance programme?	- Air Operator Certificate Requirements Chapter 9 Item 8.1 - Air Operator Certificate Requirements Chapter 12 Item 1.4 - Helicopter Operations Requirements 6.1.5				
26.3	Have repairs and modifications, if any, been recorded and accomplished in accordance with approved procedures?	- Air Operator Certificate Requirements Chapter 9 Item 3 - Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
		Chapter 12 Item 1.2(b) - Helicopter Operations Requirements 6.1.3				
26.4	Are deferred defects transferred to a new deferred defect record sheet?	- Air Operator Certificate Requirements Chapter 9 Item 11.5				
26.5	Are cross references properly recorded in the technical log to enable each defect which has been deferred to be traced back to its original entry?	- Air Operator Certificate Requirements Chapter 9 Item 11.7				
26.6	Are defects properly deferred with approved references?	- Air Operator Certificate Requirements Chapter 9 Item 11 - Air Operator Certificate Requirements Chapter 2 Item 41.1				
26.7	Are all in-used technical pages have the format in accordance with the approved GMM?	- Air Operator Certificate Requirements Chapter 9 Item 27.2				
26.8	Are details of preflight inspection included in the technical log when carried out?	- Air Operator Certificate Requirements Chapter 9 Item 22.1				
26.9	Have all rectification of any defect which entered in technical log been properly rectified and certified for Release-to-Service?	- Air Operator Certificate Requirements Chapter 9 Item 27.1				
26.10	Have all external damage records (aircraft structure and engine) been kept on board the aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 24.3				
26.11	Have all inspections, maintenance, preventive	- ประกาศกรมฯ การบำรุงรักษา การบำรุงเชิงป้องกัน				



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No.	Subject	Reference	S	U	N/A	Comment
	maintenance, rebuilding, and alteration been recorded in Log book or equivalent permanent document of aircraft, engine, propeller, or appliances, as applicable?	51 1.12(ก)				
26.12	Does the operator ensure for control of cabin configuration that? (a) Any change to the cabin configuration from that for which the aircraft was first certificated constitutes a modification which must be approved by the CAAT (b) All constitute modifications conform to an approved design and are certified with the issue of a Certificate of Release to Service (CRS). CRS are issued for each change of configuration, including a restoration to the previous configuration. (c) Instructions provided to maintenance personnel contain precise descriptions, preferably pictorial, of the approved configuration and any limitations to be observed. Checklists are readily available to personnel when carrying out configuration changes	- Air Operator Certificate Requirements Chapter 9 Item 23				
27. Base Operation - Aircraft Flight Preparation						
27.1	Does the operator provide the information to advise the Pilot-in-command when the next Scheduled Maintenance Inspection (SMI) is due, or any means to confirm that no	- Air Operator Certificate Requirements Chapter 9 Item 22.3 - Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
	maintenance task is due or will become due before the end of the intended flight?	Chapter 9 Item 22.2				
27.2	Is Pilot-In-Command advised on the following details about the airworthiness of aircraft: (1) When the next Schedule Maintenance is due, by flying hours and calendar time (2) Any defects existing on the aircraft affecting its operational airworthiness and safety (3) Any maintenance actions due before the next Schedule Maintenance	- Air Operator Certificate Requirements APPENDIX O.5.9.2 - Air Operator Certificate Requirements Chapter 5 Item 15.1				
27.3	Does the operator provide any other information to the crew concerning the aircraft and its systems, including changes resulting from modifications, which may affect the operation of the aircraft?	- Air Operator Certificate Requirements Chapter 9 Item 22.4				
27.4	Are operational and emergency equipment necessary for the intended flight serviceable?	- Air Operator Certificate Requirements Chapter 12 Item 1.1(b) - Helicopter Operations Requirements 6.1.2(b)				
27.5	As applicable to contracted maintenance, does the operator ensure the safe operation and continuing airworthiness of the aircraft when maintenance activities are contracted?	- Air Operator Certificate Requirements Chapter 9 Item 7.1.2				
27.6	Is fuel uplifted prior to flight free from contamination?	- Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
		Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
27.7	Is refueling of the aircraft safely carried out?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
27.8	Are baggage and cargo loaded and restrained in accordance with AFM limitation and cargo doors are secured?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
27.9	Are push-back and start-up carried out to an approved procedure for specific type of aircraft, engine area free from debris, fire fighting facilities available?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
27.10	Are control surface and landing gear locks, restraint devices and blanks properly removed for flight?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements Chapter 9 Item 20.1				
27.11	Are defects properly recorded and rectified or deferred in accordance with acceptable references?	- Air Operator Certificate Requirements Chapter 9 Item 22.5 - Air Operator Certificate Requirements				



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No.	Subject	Reference	S	U	N/A	Comment
		Chapter 9 Item 20.1				
27.12	Does the operator ensure that maintenance activities performed on the aircraft are in accordance with CAAT requirement and that the aircraft are maintained in an airworthy condition before releasing the aircraft to service?	- Air Operator Certificate Requirements Chapter 9 Item 3.1 - Air Operator Certificate Requirements Chapter 12 Item 1.1(a) - Helicopter Operations Requirements 6.1.2(a)				
27.13	Are engineering and maintenance support (i.e. the personnel, accommodation, equipment and facilities, organisations, procedures and documentation) arranged to a satisfactory standard?	- Air Operator Certificate Requirements Chapter 9 Item 3.2				

S = Satisfy

U= Unsatisfied

N/A= Not Applicable

Comment = Description the detail of compliance or Non Compliance or other information

Inspector Name:

(.....)

Position:

Completed on: