

Announcement of the Department of Civil Aviation
On Approval of Minimum Equipment List B.E.2555

By the virtue of section 3(15)(e) of Regulation of the Civil Aviation Board No. 85 on Approval Certificate of Air Operator given on 23 December B.E.2552 and Item 3.3 of section 3 of Regulation of the Civil Aviation Board No. 86 on Aircraft Flight Operation given on 23 December B.E.2552 designated that the certified air operator and the air operator who intends to be approved shall submit Minimum Equipment List (MEL) to the Department of Civil Aviation for approval, the Department of Civil Aviation hereby announces criteria of approval as follows:

Clause 1. Under this announcement,

1. "Official" means the official of Flight Standards Bureau who is responsible for the preparation of approval of Minimum Equipment List.
2. "Director-General" means the Director-General of the Department of Civil Aviation.

Clause 2. Director-General appoints the director of Flight Standards Bureau to operate the approval process of Minimum Equipment List of the certified air operator and the air operator who intends to be approved.

Clause 3. Minimum Equipment List is the detail relating to the conditions that help continuing of flight operation in case that any part, equipment or aircraft system was in malfunction situation, in the case that the aircraft sustained minor damage, or in the case that any unimportant component of aircraft or engine has been lost.

Minimum Equipment List shall be approved by the Department of Civil Aviation according to the criteria not less than the original of Master Minimum Equipment List (MMEL) approved by the State of Design.

Clause 4. The following detail shall be shown in the Minimum Equipment List:

- (1) Cover Page specifying name of air operator, type of aircraft (Make and Model) and the space for the director of Flight Standards Bureau to affix his signature and important seal
- (2) Log of Revision consisting of number and date of revision including revised page and the space for the person who revised such page to affix its signature
- (3) Table of Contents consisting of list of topic of Minimum Equipment List and number of page of such topic
- (4) Control Page or List of Effective Page showing the following details:
 - (a) Air Operator's Name
 - (b) List of all page in Minimum Equipment List specifying date of each page and its number and revision number
 - (c) Revision Number approved by the referred State of Design
 - (d) Space for the Official to affix his signature and important seal in the first time and in the next time revising such list

(5) Preamble consisting of:

- (a) Policy relating to aircraft's flight operation and component or equipment
- (b) Duty and responsibility of aircraft commanding pilot to report any defect or damage of aircraft including, factors taken into account for continuing the flight even if such defect has not been repaired
- (c) Duty of maintenance personnel relating to deferment of rectification including notifying and advising procedure of such defect to the aircraft commanding pilot
- (d) Criteria and Procedures for Determent of Rectification and the notifying of such determent inside the organization

(6) Definition referring in accordance with the original of Minimum Equipment List

(7) Unusable Equipment List consisting of:

(a) Number of installed equipment in an aircraft (Number of installed per aircraft), Number of required equipment necessary for flight operation (Number Required for Dispatch), and Location of each equipment using for specific purpose

(b) Restriction and Conditions which are the criteria of deferment of rectification including notifying and advising procedure to the pilot

(c) Inspection or assessment that are necessary before the deferment of rectification

(d) Rectification Interval of the defect of the equipment

(e) Restriction of aircraft flight operation depending on the following matters:

- 1) Unusable or unprepared aircraft part, equipment, spare part or system
- 2) Loss of aircraft component or spare component
- 3) Minor Damage

(f) Special Flight Operation

(8) In the case of Extended Range Twin-Engine Aircraft Operation (ETOPS) that designates the restriction of aircraft dispatch (Dispatch Requirements) different from the general flight operation, the topic of Minimum Equipment List shall be apparently displayed.

Section 5 The certified air operator and the air operator who intends to be approved shall submit the documents or manual for consideration of Minimum Equipment List as follows:

- (1) Original of current Minimum Equipment List (Current MMEL)
- (2) Current installed equipment list (Current Aircraft Equipment List)
- (3) Modification List and associated detail
- (4) Other Manual and documents required by the director of Flight Standards Bureau

Section 6 When the Department of Civil Aviation received Minimum Equipment List from the certified air operator, the director of Flight Standards Bureau shall check such Minimum Equipment List. When the director considered that the detail specified in the list is in accordance with Section 4 and Section 5 hereof, and such equipment can be used safely, the director of Flight Standards Bureau shall approve such Minimum Equipment List.

Section 7 The director of Flight Standards Bureau is vested with a power to order the certified air operator or the air operator who intends to be approved to amend and/or add any information in the approved Minimum Equipment List, when considering that such matter is important and have an impact on safety of flight operation.

Section 8 In the case that Minimum Equipment List of the certified air operator has been approved by the Department of Civil Aviation before this Announcement has been enforced, and such MEL is consisted of the full details set out in Section 4 hereof, such MEL shall be effective. However, in the case that the detail of such MEL is not complete as set out in Section 4 hereof, the certified air operator shall apply for approval within 90 days after the day that this Announcement has come into force.

Section 9 This Announcement shall come into force on the day of its announcement.

Given on 10 February B.E.2555

-signature-

(Mr.Woradej Hanprasert)

Director-General of the Department of Civil Aviation

CIVIL AVIATION AUTHORITY OF THAILAND

MINISTRY OF TRANSPORT

THAILAND

JOINT AWI/ENGI PBN REVIEW

Job Aid

File reference: _____	Date of inspection: _____
Operator: _____	
Aircraft: _____	
Make/Model: _____	
Air Operator Contract Name: _____	Tel: _____
DCA AWI Inspector: _____	
DCA ENG Inspector: _____	

For initial approval <input type="checkbox"/>	For approval of additional aircraft only <input type="checkbox"/>
RNP 2 <input type="checkbox"/>	RNP 10 (RNAV 10) <input type="checkbox"/>
RNP 1 <input type="checkbox"/>	RNP 4 <input type="checkbox"/>
RNP APCH <input type="checkbox"/>	RNP AR Operations <input type="checkbox"/>
RNAV 5 <input type="checkbox"/>	RNP 0.3 <input type="checkbox"/>
RNAV 1 and RNAV 2 <input type="checkbox"/>	Advanced RNP <input type="checkbox"/>
List of aircraft (registration No and S No.) requested for PBN approval	

S = Satisfactory U = Unsatisfactory N/A = Not Applicable

Airworthiness Information	S	U	N/A
1. Detail of Approval Basis (Type Design Approval)			
2. Eligibility for referenced Aeroplane Serial Number			
3. A brief description of the aircraft's installation system of major components (make, model, part number [hardware and software])			
4. Previous navigation or PBN approvals/authorisations			
5. Identification of maintenance organisation responsible for maintaining the aircraft and operator oversight procedures of the maintenance provider			
6. Maintenance schedule reference for the relevant systems			
7. Aircraft configuration and management procedures			
8. Aircraft Maintenance Manual reference for the relevant system			
9. MEL reference for the relevant PBN approvals/authorisations			
10. Parts Management			
11. Test equipment required and management			
12. Maintenance personnel training and competency			
Remarks: (a) ENG INSPECTOR: _____ (b) AWI INSPECTOR _____			
<div style="background-color: #f0f0f0; padding: 10px;"> <p>OVERALL RESULT:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 40%;"> <p>Satisfactory <input type="checkbox"/></p> <p>Unsatisfactory <input type="checkbox"/></p> </div> <div style="width: 50%;"> <p>AWI Inspector's signature: _____</p> <p>ENGI Inspector's signature: _____</p> <p>Chief of Airworthiness/Engineering Signature _____</p> <p>Date: _____</p> </div> </div> </div>			