

CIVIL AVIATION AUTHORITY, PAKISTAN

Air Navigation Order
No. : 91.0002
Date : 7th April, 2010
Issue : Three

OPERATIONS SPECIFICATIONS

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1. AUTHORITY

- 1.1 This Air Navigation Order (ANO) is issued by the Director General Civil Aviation Authority, (PCAA) in pursuance of the powers vested in him under Rule 4 of the Civil Aviation Rules (CARs) 1994.
- 1.2 Authorizations, conditions and limitations as specified in Operations Specifications are mandatory under rule 187, 188 and 189 of CARs 94.

2. PURPOSE

- 2.1 The Air Operator Certificate shall authorize the Operator to conduct commercial air transport operations in accordance with the authorization, conditions and limitations, which are named hereafter as Operations Specifications.
- 2.2 Operations Specifications provide an effective method for establishing safety standards, which address a wide range of variables. The issuance of Operations Specification to an Operator makes it a regulatory instrument according to which all operations are to be conducted.
- 2.3 Operations shall not be permitted or conducted unless authorized in the Operations Specification.

3. SCOPE

- 3.1 This ANO covers a part of Standards and Recommended Practices contained in Annex 6, Part I, which are applicable to the operation of aeroplanes by Operators authorized to conduct commercial air transport operations.
- 3.2 It encompasses the requirements of issuance, renewal, variations and amendment procedures of Operations Specifications.
- 3.3 Operations Specifications are, issued as a part of the Air Operator Certificate and these are the authorizations, conditions & limitations under which an Operator is to conduct the operations for which the AOC has been issued.
- 3.4 Compliance to Operations Specifications is required by the terms and conditions of the AOC and the licence.
- 3.5 All Operators are required to comply with this Air Navigation Order and to the Operations Specification issued by the Authority.

4. DEFINITIONS

- 4.1 Operations Specifications means the authorizations, conditions and limitations associated with the Air Operator Certificate and subject to the conditions in the Operations Manual.
- 4.2 Operational Control is the exercise of authority over the initiation, continuation, diversion or termination of a flight in the interest of the safety of the aircraft and the regularity and efficiency of the flight.

- 4.3 Amendment Number means the number allotted by the Operator for any amendment to any of the parts, the record of which shall be maintained by him/her for reference.
- 4.4 Application Form means the prescribed form in this ANO that shall be used for requesting any amendment to any part of the Operations Specifications. This form is appended as Appendix 2 to this ANO.

5. INITIAL ISSUE OF OPERATIONS SPECIFICATION

- 5.1 Before the initial certification process for the issue of an AOC, the Operator makes out a draft of the Operations Specifications that they would like to have them issued with considering all operational aspects of their operations. These are forwarded to FSD, PCAA alongwith AOC Application including all the attachments as specified in ANO 91-0001.
- 5.2 When the initial certification process of Operator for the issue of an AOC has reached a successful conclusion, draft Operations Specifications submitted are then framed in final form. The initial issue of Operations Specifications (approved by DFS, PCAA) is accomplished concurrently with the issue of the AOC and only then operations can commence.
- 5.3 The validity of the Operations Specifications in this case (unless subject to limitation) shall be as of the AOC i.e., one year.

6. RE- ISSUE OF OPERATIONS SPECIFICATION

- 6.1 Process for normal re-issue shall be followed as and when AOC renewal is due in accordance with Para 5 above.

7. OPERATOR REQUESTED AMENDMENTS

- 7.1 When an Operator perceives the need for an amendment to the Operations Specifications, a change must be requested. For example, to commence service to an additional destination, add another aircraft, or make a change to any aspect of the Operations Specifications, there must be an amendment to the Operations Specifications.
- 7.2 Application for the amendment of any part (Appendix-2) shall be completed with justification for the amendment is required Instructions given on the application Form shall be followed for its completion. This has to be signed by an approved representative of the Operator and submitted to the FSD, PCAA.
- 7.3 An amendment request must reach the office of the DFS a minimum of 15 days before the effective date requested. If FSD, PCAA does not agree for any reason, additional information or further justification may be required. In any event, the requested change will not be effected until such time that the additional information/justification has been provided and agreed to by FSD, PCAA.
- 7.4 It may be possible to have an amendment approved in less time than as specified; however, adequate reasons for such an urgency would have to be given by the Operator. Only in exceptional cases, less than the specified time may be anticipated.
- 7.5 PCAA will in no way be responsible for any financial loss incurred by an Operator due to a lack of forward planning or poor planning by an Operator on his own part. It is imperative that planning should be routinely completed in sufficient time for known requirements to be fulfilled.
- 7.6 The Operator may not effect the amendment in any way until they are in possession of a signed copy from DFS, FSD, PCAA.

8. PCAA MANDATED AMENDMENTS

- 8.1 There may be occasions or circumstances where the Authority may decide to issue amendments to the Operations Specifications in the interests of safety. The reason(s) for the mandated amendment(s) will be stated and shall be binding on the Operator(s) on receipt.

As example an additional International Standard that comes into effect and entails a change to procedures or otherwise.

9. TRAINING REQUIREMENTS ON OPERATIONS SPECIFICATIONS

- 9.1 All AOC holders shall ensure that training is conducted in the use of the Operations Specifications by their crewmembers, dispatchers and other personnel. The language used in Operations Specifications is not designed to apply to any particular situation, but is written to specify absolute minimum conditions or provisions for a broad range of issues and situations.
- 9.2 Each Operator shall ensure that all of their personnel who exercise any of the responsibility for 'operational control' receive sufficient training in the information and requirements of the Operations Specifications. The Operations Specifications shall pertain only to information concerning that Operator's type of operation and shall be a part of Operations Manual.
- 9.3 Each Operator, upon receipt of new Operations Specification or amendment that is promulgated by the PCAA concerning that company's operation, shall implement the amendment with immediate effect.

10. CARRIAGE OF OPERATIONS SPECIFICATIONS ONBOARD EACH AIRCRAFT

- 10.1 Master copy (original) of all current parts of the Operations Specifications shall be maintained at head office in a separate file that must be available to the PCAA on request.
- 10.2 Certified true copies of the approved Operations Specifications are required to be carried onboard every aircraft of the Operator.
- 10.3 When the Operations Specifications are issued in a language other than English, an English translation shall be included in the documents that are to be carried on board each aircraft.

11. IMPLEMENTATION

- 11.1 This Air Navigation Order shall be implemented with immediate effect and supersedes ANO 91-0002 Issue -2.

--S/d--

(M. JUNAID AMEEN)
Air Commodore (Retd.)
Director General,
Pakistan Civil Aviation Authority

Dated:7th April, 2010

APPENDIX 1

OPERATIONS SPECIFICATIONS (subject to the approved conditions in the operations manual)				
PAKISTAN CIVIL AVIATION AUTHORITY CONTACT DETAILS¹				
Telephone: _____ Fax: _____ E-mail: _____				
AOC # ² _____ Operator Name ³ _____ Date ⁴ _____ Signature _____ Db a Trading Name _____				
Aircraft Model ⁵ :				
Types of operations: Commercial Air Transportation <input type="checkbox"/> Passenger <input type="checkbox"/> Cargo <input type="checkbox"/> Others ⁶ _____				
Area (s) of Operation ⁷ :				
Special Limitations ⁸ :				
SPECIAL AUTHORIZATIONS	YES	NO	SPECIFIC APPROVALS ⁹	REMARKS
Dangerous Goods	<input type="checkbox"/>	<input type="checkbox"/>		
Low Visibility Operations Approach and Landing Take-off	<input type="checkbox"/>	<input type="checkbox"/>	CAT ¹⁰ ____ RVR ____ m DH ____ ft RVR ¹¹ ____ m	
RVSM ¹² <input type="checkbox"/> N/A	<input type="checkbox"/>	<input type="checkbox"/>		
ETOPS ¹³ <input type="checkbox"/> N/A	<input type="checkbox"/>	<input type="checkbox"/>	Maximum diversion time ¹⁴ ____ minutes	
Navigation Specifications for PBN operations ¹⁵	<input type="checkbox"/>	<input type="checkbox"/>		16
Continuing Airworthiness			17	
Others ¹⁸	<input type="checkbox"/>	<input type="checkbox"/>		

Notes:

1. Telephone and fax contact details of the authority, including the country code. E-mail to be provided if available.
2. Insert the associated AOC number.
3. Insert the operator's registered name and the operator's trading name, if different. Insert "dba" before the trading name (for "doing business as").
4. Issuance date of the operations specifications (dd-mm-yyyy) and signature of the authority representative.
5. Insert the Commercial Aviation Safety Team (CAST)/ICAO designation of the aircraft make, model and series, or master series, if a series has been designated (e.g. Boeing-737-3K2 or Boeing- 777-232).
6. Other type of transportation to be specified (e.g. emergency medical service).
7. List the geographical area(s) of authorized operation (by geographical coordinates or specific routes, flight information region or national or regional boundaries).
8. List the applicable special limitations (e.g. VFR only, day only).
9. List in this column the most permissive criteria for each approval or the approval type (with appropriate criteria).
10. Insert the applicable precision approach category (CAT I, II, IIIA, IIIB or IIIC). Insert the minimum RVR in metres and decision height in feet. One line is used per listed approach category.
11. Insert the approved minimum take-off RVR in metres. One line per approval may be used if different approvals are granted.
12. "Not applicable (N/A) " box may be checked only if the aircraft maximum ceiling is below FL 290.
13. Extended range operations (ETOPS) currently applies only to twin-engined aircraft. Therefore the "Not applicable (N/A) " box may be checked if the aircraft model has more than 2 engines. Should the concept be extended to 3 or 4-engined aircraft in the future, the "Yes" or "No" checkbox will be required to be checked.
14. The threshold distance may also be listed (in NM), as well as the engine type.
15. Performance-based navigation (PBN): one line is used for each PBN specification authorization (e.g. RNAV 10, RNAV 1, RNP 4), with appropriate limitations or conditions listed in the "Specific Approvals" and/or "Remarks" columns.
16. Limitations, conditions and regulatory basis for operational approval associated with the performance-based navigation specifications (e.g. GNSS, DME/DME/IRU). Information on performance-based navigation, and guidance concerning the implementation and operational approval process, are contained in the Performance-based Navigation Manual (Doc 9613).
17. Insert the name of the person/organization responsible for ensuring that the continuing airworthiness of the aircraft is maintained and the regulation that requires the work, i. e. within the AOC regulation or a specific approval (e.g. EC2042/2003, Part M, Subpart G).
18. Other authorizations or data can be entered here, using one line (or one multi-line block) per authorization (e.g. special approach authorization, MNPS, approved navigation performance).

APPENDIX 2

 <p>سول ایوی ایشن اتھارٹی</p>	<p align="center">Amendment to Operations Specifications Application Form (Flight Standards Directorate – PCAA Pakistan)</p>	<p>DOC.NO: PCAAD-624-050 REV. NO: 01 DATED: Sept., 2009</p>
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1. Air Operator: _____ 2. AOC No.: _____
3. Amendment No.: _____

5. Brief Description of Amendment:

6. Applicant's Details:

Name: _____

Title or Designation: _____

Signature: _____ Date: _____

7. Remarks by POI/Flight Inspector:

Recommended / Not Recommended

Title _____ Signature _____ Date: _____

8. Remarks by DFS:

Approved/ Not Approved

Title _____ Signature _____ **Effective Date:** _____

Instructions:

1. A request for amendment/variation to Operations Specifications may only be submitted on this Form.
2. Extra pages may be appended, if so required.
3. Append all attachments and supporting documents as required.
4. Item 3 – A serial number is to be allotted by the Operator e.g. 01 of 2007, 02 of 2009 etc.
5. Item 6 – Application Form shall be signed by the Head of Organization or the person authorised by PCAA. (ANO 91-0003 Section-A0 may be referred to in this regard).