



CAMEROON CIVIL AVIATION AUTHORITY – DIRECTION OF AVIATION SAFETY		
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FOREWORD

This Manual has been prepared in accordance with the Cameroonian Aviation Regulations for the use and guidance of the Authority and Industry personnel and contains procedures relative to PBN operational approval

AMENDMENTS

The revised manual following an amendment will be published on the Directorate of Aviation Safety Information System website (www.dasis.ccaa.aero).

RECORD OF AMENDMENTS				
NUMBER		DATE		SUBJECT OF THE AMENDMENT
Edition	Révision	Issue	Applicable	
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The purpose of this Handbook is to provide guidance to personnel responsible for the assessment of applications for operational approval to conduct Performance



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Based Navigation Operations. Over the years, a number of regions have established local RNAV and RNP standards which led to complexity in international operations and operational approvals. ICAO has developed the concept of Performance Based Navigation and harmonized the concepts and requirements which are now contained in the ICAO Performance Based Navigation (PBN) Manual (DOC 9613). The Handbook supplements the information contained in the PBN Manual related to operational approval of PBN.

CCAA staff will adhere to the policy and procedures contained in this Handbook when authorizing PBN operations. Because of the wide scope of operations involved and the many variables that can be encountered in aircraft equipment, it is impossible to anticipate all situations, therefore CCAA personnel must exercise common sense and good judgement in the application of these policies and procedures.

Director General,
Cameroon Civil Aviation Authority

(CCAA)



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INTRODUCTION

The Handbook is divided into three parts.

Part 1 PBN Technology provides a summary of the enabling area navigation technology in order to provide operational approval inspectors with the technical background necessary for an informed and consistent management of PBN operational approvals. Additional study may be required depending upon the complexity of the operation and other factors, and reference is made in Part 3 to suitable sources of information.

Typically the operational approval process for established navigation technologies is well known and understood by inspectors and there is general consistency amongst regulators world wide in the issue of operational approvals. As Performance Based Navigation is a relatively recent development, regulatory authorities, inspectors and applicants require some time and experience to develop a thorough understanding of PBN operations, the associated technology and the approval process. In addition, some work remains to be done in the development of regulatory and guidance material and it is necessary that inspectors have a good knowledge of PBN principles, the associated technology and operating practices in order to accommodate any perceived limitations in the available documentation.

Part 2 PBN Operations discusses the approval of operations for each of the Navigation Specifications included in the PBN Manual. Where appropriate additional guidance material is provided to explain the context or intent of the navigation specification.

Part 3 Job Aids provide operators, and inspectors with guidance on the process to be followed in order to obtain a PBN operational approval.

It is intended that this Handbook is supplemented by a formal course of training for inspectors.