



## **1. Regulations References**

- Arrêté N°00606/MINT du 13 septembre 2006 modifiant l'annexe de l'arrêté N°00731/MINT du 07 juin 2005 fixant les conditions d'utilisation des avions par une entreprise de transport aérien (§7.3.2)

## **2. CCAA Forms/Checklists**

### **2.1. Forms**

- CMR.OPS.FORM.017 Information on the identification of aircraft and operator (RNAV 1 and RNAV 2)

### **2.2. Checklists**

- DSA.AOC.CHKL.083 Conduct RNAV 1 and RNAV 2 Approval

## **3. Guidance Material References:**

- ICAO PBN Manual (DOC9613) Volume II, Part B, Chapter 3.
- Cameroonian PBN Operational Approval Handbook.

## **4. Jobs Task Description**

### **4.1. To give operators and inspectors information on the main RNAV 1 and RNAV 2 reference documents.**

- 4.2.** To provide tables showing the contents of the application, the associated reference paragraphs, the place in the application of the operator where RNAV 1 and RNAV 2 elements are mentioned and columns for inspector comments and follow-up on the status of various elements of RNAV 1 and RNAV 2.

## **5. Job Performance Subtasks**

- 5.1.** At the pre-application meeting with the operator, the inspector reviews the "basic events of the RNAV 1 and RNAV 2 approval process" described in the guide materials, in order to provide an overview of the approval process events.

## JOB TASK ANALYSIS

### OPS 3.017: To Conduct RNAV 1 and RNAV 2 Approval

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- 5.2. The inspector reviews this Job Aid with the operator in order to establish the form and content of the RNAV 1 and RNAV 2 approval application.
- 5.3. The operator uses this Job Aid as a guide to collect the documents of the RNAV 1 and RNAV 2 application.
  - 5.4. The operator inserts in the Job Aid references showing in what part of its documents are the RNAV 1 and RNAV 2 elements located.
  - 5.5. The operator submits the Job Aid and the application to the inspector (with the required documents).
  - 5.6. The inspector indicates in the Job Aid whether an item is in compliance or needs corrective action.
  - 5.7. The inspector informs the operator as soon as possible when a corrective action by the operator is required.
  - 5.8. The operator provides the inspector with the revised material when so requested.
  - 5.9. The CCAA provides the operator with the operational specification (air operators) or a letter of authorization (others), as applicable, when the tasks and documents have been completed.

**INFORMATION ON THE IDENTIFICATION OF AIRCRAFT AND OPERATORS (RNAV 1 and RNAV 2)**

CMR.OPS.FORM.017



**NAME OF THE OPERATOR:** \_\_\_\_\_

is applying for RNAV 1 and RNAV 2 Operations Approval.

Aircraft manufacturer, model, and series	Aircraft Registration (required only if installed equipment varies between model and series)	List relevant make and model of related navigation equipment

DATE OF PRE-APPLICATION MEETING \_\_\_\_\_

DATE ON WHICH THE APPLICATION WAS RECEIVED \_\_\_\_\_

DATE ON WHICH THE OPERATOR INTENDS TO BEGIN RNAV 1 and RNAV 2 OPERATIONS  
\_\_\_\_\_



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# CONDUCT RNAV 1 AND RNAV 2 INSPECTION

DSA.AOC.CHKL.083

OPERATOR'S NAME:		LOCATION :	
CHECK BY :	CHECK DATE :	SIGNATURE :	

### Regulatory references:

- Arrêté N°00606/MINT du 13 septembre 2006 modifiant l'annexe de l'arrêté N°00731/MINT du 07 juin 2005 fixant les conditions d'utilisation des avions par une entreprise de transport aérien.
- ICAO PBN Manual (DOC9613).
- Cameroonian PBN Operational Approval Handbook.

Item and N°	Title of document	Indication of inclusion by the operator	State of implementations	Comments by the Inspector
<b>SECTION 1 – OPERATOR APPLICATION</b>				
1.8.	Airworthiness documents showing aircraft eligibility for RNAV 1 and RNAV 2. AFM, AFM revision, AFM supplement, or Type certificate		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	



# CONDUCT RNAV 1 AND RNAV 2 INSPECTION

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Item and N°	Title of document	Indication of inclusion by the operator	State of implementations	Comments by the Inspector
<b>SECTION 1 – OPERATOR APPLICATION</b>				
1.9.	<p>data sheet (TCDS) showing that the RNAV navigation system is eligible for RNAV 1 and RNAV 2 or RNP 1 or above.</p> <p>or</p> <p>Manufacturer statement.- Aircraft with a manufacturer statement documenting compliance with RNAV 1 and RNAV 2, or P-RNAV (TGL-10) or FAA AC 90-100( ) or equivalent.</p> <p>Note: Approvals in accordance with P-RNAV only or FAA AC 90-100( ) only require additional documentation to meet RNAV 1 and RNAV 2 requirements</p>			
	<b>Aircraft modified to meet RNAV 1 and RNAV 2 standards.</b>		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	



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# CONDUCT RNAV 1 AND RNAV 2 INSPECTION

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Item and N°	Title of document	Indication of inclusion by the operator	State of implementations	Comments by the Inspector
<b>SECTION 1 – OPERATOR APPLICATION</b>				
1.10.	<p><b>Documentation on aircraft inspection and/or modification, if applicable.</b></p> <p>Maintenance records documenting the installation or modification of aircraft systems</p> <p><b>Maintenance program</b></p> <ul style="list-style-type: none"> <li>For aircraft with established maintenance procedures for RNAV 1 and RNAV 2 systems, the list of references of the document or program.</li> <li>For recently installed RNAV 1 and RNAV 2 systems, the maintenance procedures for review.</li> </ul>		<p><input type="checkbox"/> Satisfaisant  <input type="checkbox"/> Non satisfaisant  <input type="checkbox"/> Sans objet</p>	
1.11.	<b>Minimum equipment list (MEL) if</b>		<p><input type="checkbox"/> Satisfaisant  <input type="checkbox"/> Non satisfaisant</p>	





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## CONDUCT RNAV 1 AND RNAV 2 INSPECTION

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Item and N°	Title of document	Indication of inclusion by the operator	State of implementations	Comments by the Inspector
<b>SECTION 1 – OPERATOR APPLICATION</b>				
	<b>applicable</b> showing provisions for RNAV 1 and RNAV 2.		<input type="checkbox"/> Sans objet	
1.12.	<b>Training</b> Training program for flight crews, flight dispatchers, and maintenance personnel as applicable.		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
1.13.	<b>Operating policies and procedures</b> including relevant section of Operations Manuals and checklists attached to the application, applicable to RNAV 1 and RNAV 2		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
1.14.	<b>Navigation database</b> Details of the navigation data validation program.		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	





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**CONDUCT RNAV 1 AND RNAV 2 INSPECTION**

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Item and N°	Topics	Reference paragraphs ICAO Doc 9613 Vol II Part B 3	Location in the Documents of the operator	State of Implementation	Comments
<b>SECTION 2- GUIDE FOR DETERMINING RNAV 1 and RNAV 2 AIRCRAFT ELIGIBILITY</b>					
	<b>System eligibility for RNAV 1 and RNAV 2 operations</b>				
2.1.	Aircraft with a statement of compliance with at least one of the following:	3.3.2.6		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
2.2.	a) Aircraft approved under TGL-10 and AC 90-100A	3.3.2.7.2 (b)		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
2.3.	b) Aircraft approved under TGL-10 (P-RNAV) and additional requirements in Table II-B-3-1	3.3.2.7.3 (b)		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
2.4.	c) Aircraft that comply with AC 90-100A and additional requirements in Table II-B-3-2	3.3.2.7.4 (b)			
	d) Aircraft with a statement by the			<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant	







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## CONDUCT RNAV 1 AND RNAV 2 INSPECTION

DSA.AOC.CHL.083

Item and N°	Topics	Reference paragraphs ICAO Doc 9613 Vol II Part B 3	Location in the Documents of the operator	State of Implementation	Comments
	<b>SECTION 2- GUIDE FOR DETERMINING RNAV 1 and RNAV 2 AIRCRAFT ELIGIBILITY</b>				
	manufacturer demonstrating compliance with RNAV 1 and RNAV 2 requirements.			<input type="checkbox"/> Sans objet	
<b>2.5.</b>	<b>Aircraft and system requirements (as applicable)</b>				
	a) FMS with TSO-C129() GNSS	3.3.3.2.1.1 (a)		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
	b) FMS with TSO-C145() GNSS	3.3.3.2.1.1 (b)		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
	c) Stand-alone TSO C129 ( ) Class A1 GNSS	3.3.3.2.1.1 (c)		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
	d) Stand-alone TSO C146 ( ) GNSS	3.3.3.2.1.1 (d)		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	





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# CONDUCT RNAV 1 AND RNAV 2 INSPECTION

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Item and N°	Topics	Reference paragraphs ICAO Doc 9613 Vol II Part B 3	Location in the Documents of the operator	State of Implementation	Comments
<b>SECTION 2- GUIDE FOR DETERMINING RNAV 1 and RNAV 2 AIRCRAFT ELIGIBILITY</b>					
2.6.	e) DME/DME RNAV equipment	3.3.3.2.2			
	DME/DME/IRU RNAV equipment	3.3.3.2.3		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	
	<b>Functional requirements</b>	3.3.3.3		<input type="checkbox"/> Satisfaisant <input type="checkbox"/> Non satisfaisant <input type="checkbox"/> Sans objet	

