



## Airworthiness Oversight Department

### RNAV1 and RNAV2 Airworthiness Approval Process Form

<b>• Name of the Operator</b>			
<b>• Address</b>			
<b>• Applicant Focal Point</b>	<b>Name</b>	<b>Telephone No.</b>	<b>E-Mail</b>

Aircraft Manufacturer, Model and Series	Aircraft Registration	List(s) of RNAV1 and RNAV2 equipment by make and model attachment(s)

I	Airworthiness application's attachments	Attachment no./ref.	Submitted		Inspector comments
			Yes	No	
(a)	<p><b>Airworthiness documents showing aircraft eligibility for RNAV 1 and RNAV 2</b> AFM, AFM revision, AFM supplement, or Type certificate data sheet (TCDS) showing that the RNAV navigation system is eligible for RNAV 1 and RNAV 2 or RNP 1, 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>If Aircraft is modified/or in process to be modified to meet RNAV 1 and RNAV 2 standards. Submit the documentation and records of modification. <i>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</i></p>				
(b)	<p><b>RNAV 1 and RNAV 2 system requirement</b> RNAV equipment that automatically determines the aircraft position in the horizontal plane using input from types of position sensors defined in item (II)(c) below.</p>				
(c)	<p><b>Maintenance program</b></p> <ol style="list-style-type: none"> <li>1. For aircraft with established maintenance procedures for RNAV 1 and RNAV 2 systems, the list of references of the document or program,</li> <li>2. For recently installed RNAV 1 and RNAV 2 systems, the maintenance procedures for review.</li> </ol>				
(d)	<p><b>Minimum equipment list (MEL) if applicable</b> showing provisions for RNAV1 and RNAV2 systems.</p>				
(e)	<p><b>Training</b> Training program for maintenance personnel (CAMO and AMO)</p>				
(f)	<p><b>Policies and procedures (P&amp;P)</b> Continuing Airworthiness P&amp;P (CAME) sections and checklists attached to the application corresponding to RNAV1 and RNAV2 configuration and eligibility.</p>				





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<b>(g)</b>	<b>Navigation database (if carried)</b> Details of the navigation data validation program			
<b>II</b>	<b>Assessment of Aircraft Eligibility for RNAV1 and RNAV2</b>	<b>Reference paragraphs ICAO DDoc 9613 Vol II Part B 3</b>	<b>Operator submitted compliance document/ attachment</b>	<b>Inspector review/comments</b>
<b>(a)</b>	<b>Aircraft with a statement of compliance with at least one of the following:</b>			
1.	Aircraft approved under TGL-10 and AC 90-100A	3.3.2.4.2(a)&(b)		
2.	Aircraft approved under TGL-10 (P-RNAV) and additional requirements in ICAO Doc 9613 Vol II, Table II-B-3-1	3.3.2.4.3		
3.	Aircraft that comply with AC 90-100A and additional requirements in Table II-B-3-2	3.3.2.4.4		
4.	Aircraft with a statement by the manufacturer demonstrating compliance with RNAV 1 and RNAV 2 requirements.	3.3.2.2		
<b>(b)</b>	<b>Continuing Airworthiness (CA)</b>			
1.	Continuing airworthiness instructions applicable to the aircraft configuration and the aircraft qualification for RNAV1 and RNAV2.	3.3.2.3.5		
2.	Maintenance program, including reliability program for monitoring the equipment.	3.3.2.3.5		
<b>(c)</b>	<b>Aircraft and System requirements (as applicable)</b>			
	FMS with TSO-C129() GNSS	3.3.3.2.1.1(a)		
	FMS with TSO-C145() GNSS	3.3.3.2.1.1(b)		
	Stand-alone TSO C129 ( ) Class A1 GNSS	3.3.3.2.1.1(c)		
	Stand-alone TSO C146 ( ) GNSS	3.3.3.2.1.1(d)		
	DME/DME RNAV equipment	3.3.3.2.2		
	DME/DME/IRU RNAV equipment	3.3.3.2.3		
<b>(d)</b>	<b>Functional requirements</b>	3.3.3.3		

<b>Applicant Declaration:</b>		
I confirm that the information contained herein is correct and complete		
<b>Organization CAMO Manager Name</b>	<b>Signature</b>	<b>Date</b>

#### FOR CARC USE ONLY

III	CARC Survey and Inspection	Inspection Report Ref.	Corrective Actions (CA) Ref.	CA Acceptance Ref.
	If necessary, a formal inspection is arranged with the operator. During the inspection, the operator is required to demonstrate how the requirements are being met.			

<b>CARC/AWOD Recommendation</b>			
<b>Issue Airworthiness Approval Letter</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>Airworthiness Inspector</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>

