



Section/division:  
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Flight Operations/Airworthiness  
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Form Number: CA 91-16

Website: [www.caa.co.za](http://www.caa.co.za)

DETAILS OF BANK ACCOUNT FOR PAYMENT OF PRESCRIBED FEE			
Bank: Standard Bank of SA Ltd	Branch: Brooklyn, Pretoria	Branch Code: 011245	Account Number: 013007971
COMPULSORY CLIENT PAYMENT CODE (to be completed on deposit slip)			
Service/transaction	Over the counter payments		EFT, Internet, Wire, Electronic payments
Fees: See CAR Part 187.00.10			

<b>APPLICATION FOR SPECIAL NAVIGATION OPERATIONS</b>																							
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Please mark the appropriate block with regards to the PBN (Performance Based Navigation) Nav Spec being applied for:						
RNAV 10 (RNP-10)		RNP-2		RNP-0.3 <sup>3</sup>		
RNAV 5 (B-RNAV)		RNP-1		NAT MNPS		
RNAV 2		Advanced RNP		Fixed Radius Transition		
RNAV 1		RNP APCH <sup>2</sup>		Radius to Fix Legs		
RNP-4		RNP AR APCH <sup>1</sup>		APV Baro-VNAV		
<b>Reference Material:</b> ICAO Doc 9613 and 9997 (as amended), AIC 25-7, AIC 25-9, AIC 25-10, SACAR & SA-CATS						
<b>Note:</b> 1. Complete in conjunction with CA AOC-029. RNP AR APCH includes APV Baro-VNAV.						
2. RNP APCH may include Baro-VNAV.						
3. RNP-0.3 is specific to helicopter operations.						
<b>**HAND HELD GPS UNITS WILL NOT BE APPROVED FOR PBN/GNSS OPERATIONS**</b>						
Aircraft Registration Marks				Z	-	
Aircraft type		Airframe serial number				
<b>Details of aircraft operator / owner</b>						
Full name						
Cellular telephone		Work Telephone				
E-mail						
<b>AIRWORTHINESS AND OPERATIONAL INFORMATION REQUIRED</b>						
1.	<b>Equipment used to comply with the requested operation:</b>			<b>Is the system dual or single?</b>		
	Make:		Model:			
	Part number:		Mod status:			
	Software status:		TSO and TSO Level:			
2.	<b>Which sensors are used to comply with the requested RNAV operation?</b>					
	VOR/DME		DME/DME			
	INS/IRS		GNSS			
3.	<b>Certification basis applied: (as amended)</b>					
	AC 20.130		AC 20.138			
	EASA AMC		TSO C115b			
	Other (Specify)					
4.	<b>Approved category:</b>					
	IFR Oceanic	IFR En-route	IFR Terminal	IFR Approach		
	Other: NAV Spec capability as approved in AFM.					

5.	<b>Approval of the installation:</b>										
	Type Design				STC						
	Major Alteration:				Service Bulletin:						
	Other:										
	If aircraft was modified and approved by the SACAA, provide mod number										
6.	<b>Are FM-Immunity requirements complied with for VHF/NAV receivers? ICAO Annex 10.</b>						YES		NO		
7.	<b>Navigation aids on board:</b>										
	NAV (VOR/ILS) Receiver 1.						YES		NO		
	NAV (VOR/ILS) Receiver 2.						YES		NO		
	DME 1.						YES		NO		
	DME 2.						YES		NO		
	ADF 1.						YES		NO		
	ADF 2.						YES		NO		
	Other:						YES		NO		
	Other:						YES		NO		
8.	<b>To which navigation display is the course deviation coupled?</b>										
	LH		HSI		CDI		<i>Provide digital photo of instrument layout, if possible.</i>				
	RH		HSI		CDI						
9.	Where is the annunciator and switch to display the selected signal source for the respective display? <i>Remark:</i>										
10.	For an aircraft where the minimum flight crew is two pilots, how is the pilot not flying, able to verify the desired path and the aircraft position relative to the path? <i>Remark:</i>										
11.	<b>Provide location information of all other necessary annunciators:</b>										
	GNSS MSG				RAIM Warning						
	Waypoint annunciator				Distance to go indicator						
	Approach/Terminal				<b>OR</b>	Approach ARM/ACTIVATE annunciators					
	Other/comments										
12.	Provide a copy of the approved AFM extract or supplement relevant to the required RNAV Capability.										
13.	Provide a copy of the Minimum Equipment List, referencing the equipment required for the applicable Navigation Specification applied for. (only for operators operating under an MEL)										
14.	Navigation Database: Does the supplier comply with RTCA DO-200A/EUROCAE documents ED 76 standards for processing Aeronautical Data or has been issued with a LOA (Letter Of Compliance) In accordance with FAA AC 20-153 or EASA IR 21 subpart G.						YES		NO		
15.	Does the GNSS receiver use the WGS-84 system?						YES		NO		
16.	Are there any additional maintenance requirements added to the maintenance programme?				YES		NO		N/A		
17.	Please provide a copy of the amended Operations Manual and proof of aircrew qualifications and training specific to the Nav Spec applied for.										
<b>SIGNATURE OF APPLICANT OR OPERATOR</b>				<b>NAME IN BLOCK LETTERS</b>			<b>DATE</b>				