

Application for Automatic Dependent Surveillance-Broadcast (ADS-B) Operational Approval

Note – This application shall be made <u>at least three months</u> prior to the commencement of the proposed operations.

Instructions:

- 1. Please read Aeronautical Circular AC/OPS/023 before completing this form.
- 2. The form once completed should be returned by post to the Civil Aviation Authority Macao, China.
- 3. Failure to complete this form in full may result in a delay in processing the application.
- 4. Applicant shall make AACM available as supplementary documents may be requested by this authority for the purpose of ensuring safety of operation.

Name of operator: MACAO AOC holder:	General Information	(P	lease tick the ap	propriate box)	
Focal point: Details of contact person responsible for this Application Name (BLOCK LETTERS): Company Title & Department: Telephone: (853) Fax: (853) E-mail: Proposed Commencement Date of Operation (dd/mm/yyyy): Declaration The undersigned declares that the information given in this application package is correct to the best of my knowledge and belief. Name (BLOCK LETTERS): Company Position: Signature: Date:	Name of operator :		MACAO AOC holder:		
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<i>Note.</i> - This part is to be completed by the accountable person of the operator.	<i>Note.</i> - This part is to be comp	leted by the accountable person of the	operator.		



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	CONTENTS OF THE APPLICATION TO BE SUBMITTED BY THE OPERATOR							
Item #		Applicant Remarks	For official use only					
А	Proof of aircraft eligibility of ADS-B operations Airworthiness Compliance to EASA AMC20-24 or equipment configuration standards compliance to Appendix XI of CASA CAO 20.18 are both acceptable.							
	→ Submit copies of relevant sections from Aircraft Flight Manual or other supporting certification data.							
	Note – The airworthiness compliance of EASA AMC20-24 is declared in the Aircraft Flight Manual, AFM supplement or other appropriate airworthiness documentation. If the aircraft does not have the equipment certification, alternatively compliance with Appendix XI of CASA CAO 20.18 specified requirements needs to be demonstrated.							
В	Continuing Airworthiness Give details of maintenance programme to ensure the systems meet requirements.							
	→ Submit copies of relevant sections from the proposed Maintenance Schedules on the ADS-B systems.							
С	Minimum equipment list (MEL) The MEL needs to reflect the functional requirements of the ADS-B system, such as GPS/MMR and ATC transponder.							
	→ Submit copies of relevant sections from the proposed or actual MEL where the operation is addressed.							
D	Operations procedures and checklist							
	→ Submit copies of relevant sections of Operations manual (OM) and checklists (if applicable) corresponding to ADS-B operating policies and procedures.							
E	Training program Give details of training program to ensure all personnel involved in ADS-B operations are thoroughly familiar with all relevant aspects of ADS-B applications.							
	→ Submit copies of relevant sections of training program for flight crew, maintenance and flight operations officers/dispatchers personnel (if applicable).							
F	Compliance matrix							
	→ Submit compliance matrix to ensure requirements and considerations laid down in AC/OPS/023 – "Operations in Automatic Dependent Surveillance-Broadcast (ADS-B) Prescribed Airspace" are complied with.							

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As Selective Availability (SA) aware and Fault Detection and Exclusion (FDE) functionalities will improve accuracy and integrity to the position source of ADS-B, the forward fitment of these functionalities to new aircraft is highly recommended.

	AIRCRAFT DETAILS (Use continuation sheet if necessa								et if necessary)
Aircraft Registration	Aircraft Model	GNSS Receiver Model	GNSS Receiver P/N	GNSS Receiver SA Aware	GNSS Receiver FDE	ADS-B Transponder Model	ADS-B Transponder P/N	Airworthine	ess Compliance andard CASA CAO
				Yes/No	Yes/No				20.18 App. XI
B-MXX	B777-367ER	Collins GLU920	822-1152-002	Yes	Yes	Honeywell TRA67A	066-01127-1602	✓	<
B-MXX	A321-231	Litton LTN2001MK2	466200-0104	No	Yes	Honeywell TRA67A	066-01127-1602		<
B-MXX	G500	Collins GPS-4000S	822-2189-001	No	Yes	Collins TDR-94D	662-9210-108	✓	

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