

Portable Electronic Devices in Operation in Inaccessible Holds (cargo trackers, data loggers, electronic bag tags etc.)

To enable the approval of a Portable Electronic Device e.g. data logger, GPS tracker etc., on Air NZ aircraft, the Requester must:

- complete this **Approval Request**
- include copies of all relevant documents with references **clearly marked** e.g. section numbers, highlighted text etc.
- include a copy of the device's User Manual
- sign, then email the request to: **CargoSSDRs@airnz.co.nz**

Important – If any document references are unclear or omitted, the device will **not** be approved.

Requester	
Company:	
Address:	
Contact:	
Email:	Mobile:

Device				
Device name:				
Device type:	Passive – non-transmitting (data logger, electronic bag tags etc.)	Yes (go to Q.6)	No	N/A
	Active – transmitting (GPS trackers etc.)	Yes	No	N/A
Manufactured by:		Make:	Model:	

Document reference			
1. Does the device have a: - Manufacturer Statement of Compliance/Strict Design/ Product Control and pictures of the device and product label - Manufacturers Statement of Conformity (FAA AC91-21-1D, EASA AMC1 CAT.GEN.MPA.140, 2019)	Yes	No	
2. Does the device meet the RF Radiated Emissions Limits as defined in RTCA DO-160, Environmental Conditions and Test Procedures for Airborne Equipment, Section 21 Category H, and ED-14G, 2011? (FAA AC91-21, ED-14G 2011, DO-357 Guidance)	Yes	No	
3. If non-compliant with RTCA DO-160 and DO-357, when airborne, does the device have a minimum of: - two independent means to turn off completely, or - turn off cellular or mobile functions, or combination of both (FAA AC91-21-1D, NZCAR 91.7-6/EXE/23, DO-357 Guidance)	Yes	Compliant with RTCA DO-160	

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Document reference			
4. Does the device conform with EIRP (Effective Isotropic Radiated Power) and is below 100mW? Declaration from the Manufacturer.	Yes	No	
5. Does the device conform with UL60950 or IEC 62133? (FAA AC91-21-1D)	Yes	No	
6. Does the device emit disturbing signals e.g. buzzing alarms, strobe lights etc. (FAA AC91-21-1D)	Yes	No	

Cell or Battery					
Type:	Cell	Yes	No	N/A	
	Battery	Yes	No	N/A	
Chemistry:	Lithium ion – Watt hour rating (Wh) _____	Yes	No	N/A	
	Lithium metal – Metal content (g) _____	Yes	No	N/A	
	Dry cell – e.g. alkaline, nickel metal hydride etc	Yes	No	N/A	
1. Has the lithium cell/battery passed the Dangerous Goods UN Manual of Tests and Criteria Part III 38.3? (ICAO Technical Instructions – current edition)		Yes	No		
2. Does the lithium ion cell conform with UL1642? (EASA AMC1 CAT.GEN.MPA.140) 2019, not mandatory)		Yes	No		
3. Does the lithium ion or metal battery conform with UL2054? (EASA AMC1 CAT.GEN.MPA.140) 2019, not mandatory)		Yes	No		
4. Is the battery protected from damage e.g. secured in the device and covered? (ICAO Technical Instructions – current edition)		Yes	No		

Declaration

I _____, on behalf of the Company, declare that all information contained in and supplied with this request is true and correct. Air New Zealand and its agents may rely on the information provided in this request. If Air New Zealand or its agents suffer any loss as a result of this information being found to be false, misleading or otherwise incorrect, Air New Zealand reserves its rights to seek recovery of such losses from the Company.

Signature: _____ Date: _____

Official use					
Reviewed and approved by:					
Cargo	Yes	No	Name/Signature:	Date:	
DGs	Yes	No	Name/Signature:	Date:	
Engineering endorses this Approval, provided it has been reviewed and approved by Cargo and DGs.					