

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

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

<b>Requester</b>		
Company:	LogTag North America Inc.	
Address:	10 Millpond Drive, unit 10 Lafayette, NJ 07848	
	United States of America	
Contact:	Aaron Blanchard	
Email:	ablanchard@logtagrecorders.com	Mobile:+6494482311

<b>Device</b>				
Device name:	LogTag LT5GEO			
Devive type:	<b>Passive</b> – non-transmitting (data logger, electronic bag tags etc.)	Yes (go to Q.6)	No	N/A
	<b>Active</b> – transmitting (GPS trackers etc.)	Yes	No	N/A
Manufactured by:	LogTag North America Inc	Make: LogTag	Model:LT5GEO	

<b>Document reference</b>			
<p><b>1.</b> Does the device have a:</p> <ul style="list-style-type: none"> <li>- Manufacturer Statement of Compliance/Strict Design/ Product Control and pictures of the device and product label</li> <li>- Manufacturers Statement of Conformity (FAA AC91-21-1D, EASA AMC1 CAT.GEN.MPA.140, 2019)</li> </ul>	Yes	No	<p>See Folder: "Q1. Conformity Statements"</p> <p>Link:  <a href="https://logtagrecorders.com/app/uploads/LogTag_LT5GEO_CE EMC_RoHS_Declaration_of_conformity-1.pdf">https://logtagrecorders.com/app/uploads/LogTag_LT5GEO_CE EMC_RoHS_Declaration_of_conformity-1.pdf</a></p>
<p><b>2.</b> 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)</p>	Yes	No	<p>Manufacturer's Declaration - RTCA_CatH_240308.pdf</p> <p>Link:  <a href="https://logtagrecorders.com/app/uploads/RTCA_CatH_240308.pdf">https://logtagrecorders.com/app/uploads/RTCA_CatH_240308.pdf</a></p>

			rs.com/app/uploads/Manufacturers-Declaration-RTCA_CatH_240308.pdf
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	AirplaneModeDescription.pdf  Link: <a href="https://logtagrecords.com/app/uploads/AirplaneModeDescription.pdf">https://logtagrecords.com/app/uploads/AirplaneModeDescription.pdf</a>

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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	AirplaneModeDescription.pdf  Link: <a href="https://logtagrecords.com/app/uploads/AirplaneModeDescription.pdf">https://logtagrecords.com/app/uploads/AirplaneModeDescription.pdf</a>
5. Does the device conform with UL60950 or IEC 62368	Yes	No	LogTag_LT5GEO_CE EMC_RoHS_Declaration_of_conformity.pdf  Link: <a href="https://logtagrecords.com/app/uploads/LogTag_LT5GEO_CE EMC_RoHS_Declaration_of_conformity-1.pdf">https://logtagrecords.com/app/uploads/LogTag_LT5GEO_CE EMC_RoHS_Declaration_of_conformity-1.pdf</a>
6. Does the device emit disturbing signals e.g. buzzing alarms, strobe lights etc. (FAA AC91-21-1D)	Yes	No	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	UBT-AA-3S1P 3.6V 2500mAh-A0.pdf  Link: <a href="https://logtagrecorders.com/app/uploads/UBT-AA-3S1P-3.6V-2500mAh-A0.pdf">https://logtagrecorders.com/app/uploads/UBT-AA-3S1P-3.6V-2500mAh-A0.pdf</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	NiMH AA MSDS.pdf  Link: <a href="https://logtagrecorders.com/app/uploads/NiMH-AA-MSDS.pdf">https://logtagrecorders.com/app/uploads/NiMH-AA-MSDS.pdf</a>
2. Does the lithium ion cell conform with UL1642? (EASA AMC1 CAT.GEN.MPA.140) 2019, not mandatory)			Yes	No	NiMH AA MSDS.pdf  Link: <a href="https://logtagrecorders.com/app/uploads/NiMH-AA-MSDS.pdf">https://logtagrecorders.com/app/uploads/NiMH-AA-MSDS.pdf</a>
3. Does the lithium ion or metal battery conform with UL2054? (EASA AMC1 CAT.GEN.MPA.140) 2019, not mandatory)			Yes	No	NiMH AA MSDS.pdf  Link: <a href="https://logtagrecorders.com/app/uploads/NiMH-AA-MSDS.pdf">https://logtagrecorders.com/app/uploads/NiMH-AA-MSDS.pdf</a>
4. Is the battery protected from damage e.g. secured in the device and covered? (ICAO Technical Instructions – current edition)			Yes	No	

**Declaration:** I Aaron Blanchard, on behalf of the LogTag Recorders, declare that all information contained in and supplied with this request is true and correct.

Signature: Date:

<b>Official use</b>				
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.				