

**DEFINITION:** Cargo tracking devices and data loggers are portable electronic devices (PED) used to collect, record, and measure data over a set period. These devices are typically compact, battery-powered devices equipped with an internal microprocessor, and data storage, and may contain one or more sensors.

1. Complete the Approval Form and attach all relevant documents with corresponding references.
2. Attach the device's manual and technical specifications.
3. Return the form to: [cargo.shd@flydubai.com](mailto:cargo.shd@flydubai.com)

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

flydubai Cargo in liaison with flydubai Technical Services will evaluate the documentation as provided by the requester. The process may take up to 10 working days and may require further technical advice from the aircraft and logger manufacturer to confirm that the device will not interfere with any of the aircraft's operations.

Please refer [here](#) to access flydubai Approved Devices Registry. Devices are approved for specific aircraft types only.

<b>Unit Model &amp; Brand:</b>			
<b>Unit Part Number</b>		<b>Unit Description:</b>	
<b>Requester Name &amp; Company:</b>			
<b>Requester Email ID &amp; Mobile:</b>			
<b>Classification:</b>	Transmitting: <input type="checkbox"/> Please complete PART A	Non-transmitting: <input type="checkbox"/> Please complete PART B	

PART A				
Item No	Item Description	Compliant (Yes/No)?	Remarks	Compliance Document
A.	The device features an automated and prolonged radio suspension in flight using multiple modes of redundancy.			
B.	The device has been verified in the aircraft environment to ensure deactivation of the transmitting function in flight.			
C.	The emissions from the tracking device comply with the levels as defined by EUROCAE ed-14e/RTCA do-160e (or later revisions), section 21, category h.			
D.	Declaration from the manufacturer identifying the device and confirming that the device and its deactivation function comply with the requirement <b>(A)</b> and <b>(B)</b> above.			
E.	Declaration showing that robust design and production controls are in place during the manufacturing of the tracking device.			
F.	Declaration of conformity and technical documentation showing compliance with the European norms (en), regulating the transmitter characteristics of the tracking device or its transmission module.			
G.	EMI assessment report documenting compliance with point <b>(B)</b> above.			
H.	Lithium batteries in the cargo tracking device should meet the following:			

	i. United Nations (UN) transportation regulations, 'recommendations on the transport of dangerous goods - manual of tests and criteria', un st/sg/ac.10/11. <b>and</b>			
	<b>One of the following standards:</b>			
	ii. Underwriter's laboratory, 'lithium batteries', ul 1642; <b>or</b>			
	iii. Underwriter's laboratory, 'household and commercial batteries', ul 2054; <b>or</b>			
	iv. Underwriter's laboratory, 'information technology equipment - safety', ul 60950-1; <b>or</b>			
	v. International Electrotechnical Commission (IEC), 'secondary cells and batteries containing alkaline or other non-acid electrolytes - safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications', IEC 62133; <b>or</b>			
	vi. RTCA, 'minimum operational performance standards for rechargeable lithium battery systems', do-311; <b>or</b>			
	vii. European Technical Standard Order (ETSO), 'non-rechargeable lithium cells and batteries', ETSO C142a.			

PART B			
Item No	Item Description	Compliant (Yes/No)?	Compliance Document
A.	Certificate/Declaration of conformance from device manufacturer/supplier.		
B.	Provide the device manufacturer substantiated data including (Datasheet/Specification sheet): <ul style="list-style-type: none"> <li>a. pictures of the device and any peripherals,</li> <li>b. product label,</li> <li>c. operational description of device and peripherals,</li> <li>d. manufacturer statement of strict design and production controls</li> </ul>		
C.	The lithium cell or battery test result as per Subsection 38.3 of the UN Manual of Tests and Criteria.		

OFFICIAL USE	
<b>Approved by:</b>	
<b>Remarks:</b>	