



Data Logging and/or Monitoring Devices March 2025

IATA DGR VARIATION FX-05 REFERENCE

- All lithium batteries (Section I, IA, IB, and II) in all packing instructions must not be shipped in the same package as these DG classes/divisions: 1.4, 2.1, 3, 4.1, 4.2, 4.3, 5.1, 5.2 and 8, and 2.2 with a Cargo Aircraft Only label. This includes All Packed in One, Overpacks, and combination All Packed in One/Overpacks.
 - Exception: temperature-control or monitoring devices containing Section II lithium batteries that meet current FedEx guidelines and do not require the lithium battery mark/label per Packing instruction 967 or 970. In this case, shippers should not select the UN3481 or UN3481 Section II Lithium Batteries/Cells box in the FedEx automation device when shipping these items; the 'ELB' DG handling code Express uses for Section II lithium batteries should not appear on the package.
- Shippers sending any of the following actively powered battery devices must be pre-approved: data monitors, data loggers, tracking devices or tags, or any active device that includes GPS, Bluetooth, Wi-Fi, or cellular capabilities.
- For list of pre-approved data loggers find list below.

ASSESSMENT PROCESS FOR DATA LOGGING AND/OR MONITORING DEVICES

- FedEx has an assessment process for the review of commercially available and regulatory approved third-party cargo data logging and/or monitoring devices that must be followed. This applies to all data or location logging and/or monitoring type devices whether they are 'active' or 'passive.'
- Only current FedEx accounts wishing to use a specified device will be considered.
- Only full-production, commercially available devices will be accepted.

Note: The Assessment process takes time as there are many intricate steps that must be followed.

- Many FedEx stakeholders are involved whom review, analyze, and comment throughout the review process.
- The review and analysis likely will involve multiple conversations between the process administrators.
- Assessments are subject to a queue and may be postponed or delayed based on corporate priorities.
- The device's use case upon FedEx aircraft and or within FedEx facilities will be conditional, temporary, and subject to specified terms.

For more information on the FedEx Assessment process, contact fdxassessment@corp.ds.fedex.com via email. For battery or commodity questions, contact the FedEx [Dangerous Goods Hotline](#).

To submit an assessment review request, send all new requests to fdxassessment@corp.ds.fedex.com via email. Upon receipt of the email submission, you will be contacted with further instructions. Typically, there are several forms to be completed, and submission must include the proper documentation. Due to the amount of assessment request currently being received, extended lead times may be experienced.

APPROVED CARGO MONITORING, CARGO TRACKING, AND DATA LOGGING DEVICES

The following is a list of currently approved Cargo Monitoring , cargo tracking and data logging devices that are currently approved for use at FedEx. This list below may not be the most up-to-date record, please check with the FedEx DG Hotline for the latest update.



Manufacturer/Make	Model
AntTail	Ant Sensor 30-01-01 v3.0
Apple	Air Tag
Concox	Here Premier Tracker
Controlant	CO 10.1, SAGA
Cox Communications	GNLR1
Culvert	Scout Uno
Delta Track VU Logger	20741, 20742, 20743, 20744, 20745, 20746, 20747, 20879, 20889, 20862, 20881, 30082
Delta Trak	16000, 16002, 16004, 16100, 16102, 16104, 16200, 16202, 16203, 16300, 16302, 16350, 16400, 16402, 16403, 16500, 16502, 20734, 20375, 20735-N, 20736, 20737, 20762, 20763, 20763-H, 20763-N, 20764, 20765, 20766, 20767, 20768, 20769, 20769-H, 20815, 20816, 20817, 20820, 20821, 20822, 20823, 20824, 20825, 20826, 20827, 20828, 20829, 20930, 20831, 20832, 20833, 20834, 20835, 20855, 30093, 31010, 31011, 30012, 30013, 30014, 30015, 30016, 30024, 40535, 40536, 40537, 40538, 40539
Elpro	Libero CB, CD, CE CI, CS, ITS, GE
Ember Technologies	Ember Cube
Emerson	Go PDF Logger
Fujita	KT-155F, KT-155U, KT-175F, KT-115XLF, KT-255F, KT-255U, KT-275F, KT-215XLF, KT-195F, KT-195U, KT-215LF, KT-155F/EX, KT-165F, KT-256F, KT-195U/GX, KT-295U/GX, KT-195F/GX, KT-295F/GX
Fujita Watchlogger	KT-295F, KT-295U
IOT Technologies	Cal Amp SC1204
Lansmont	Saver 9X30
Living Packets	The Box
LogTag	LTHAX08, SRIC-4, USRIC-8, TRIX-8, HAXO-8, TRID30-7R, TIC20
Marathon	C/Temp DLT F1.65 8K



Maxim Integrated Products	DS1922L, DS1921G, DS1925L
SATO	LogBiz Thermo Logger Tag
Sencius Technologies	Tempnote lite V2.0
Sendum	PT300D(3G), PT300D(4G)
SenseAware	1000, 200, 3000, M4, PT300D-SA, ID1, ID2, ID3
Sensitech	Ryan EZT, Temptale GEO Ultra, Temptale GEO Ultra Dry Ice, TempTale Ultra, Temp Tale Ultra Fit, TempTale Ultra Probeless Dry Ice TUD01-01 , TempTale4 Relative Humidity TT4 RH, TempTale GEO X (non-lithium); TempTale GEO XE (non-lithium); TempTale GEO XEP (non-lithium); TempTale GEO XP (non-lithium)
Sky Cell	Mr Logger 810, 812, & 813
System Loco	HGD4
T&D	TR-51i
Tempmate	Tempmate-S1
Tempsen	Alpha TD80, ITAG4 Pro, ITAG3 Pro, Tempod SP, 30, 50X, 100X, 200X,20B, 50XB, 100XB, 200XB, TD80S
Testo	t184-T1, t184-T4
Thermochron	G Type
Tive	TT-7000, TT-7100
TSS	Weblogger II

NOTE: The device approvals listed above only apply to FedEx owned or operated aircraft. FedEx does not coordinate any device approvals with non-FedEx owned and or operated airlines. FedEx occasionally utilizes commercial passenger and or cargo airlines to provide the best service available to customers. Customers should consult their FedEx Sales Manager to assure their device enabled shipment does not experience any delays because of said enabled shipment being placed on an airline that has not yet approved the device for use.