

# Approved Electronic Monitoring Devices



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## Approved Electronic Monitoring Devices

### "Listen-before-Talk" Devices

| Manufacturer                 | Device/Model                      | Approval | Limitations | Date    |
|------------------------------|-----------------------------------|----------|-------------|---------|
| Ambient Systems              | SP-3000T                          | ER-00-02 | See Annex B | 05SEP16 |
| Aspion                       | G Log 2                           |          |             | 24JAN25 |
| Avery Dennison               | TT Sensor Plus™ 2                 |          |             | 17MAY19 |
| Berlinger                    | Smarpoint<br>T/TTERS/TH/TW        |          |             | 17MAY19 |
|                              | SmarpointOne<br>T/TH/TW           |          |             | 17MAY19 |
| BT-Tech                      | XSense Hitag2                     |          |             | 02JAN20 |
| CartaSense                   | U Sensor<br>(100115)<br>(SCTS-UX) |          |             | 05SEP16 |
| Intel Logistics<br>Platoform | Tag P/N 41-105-<br>054A1          |          |             | 12JUN19 |
|                              | Gateway P/N 41-<br>105-240001     |          |             | 12JUN19 |
| Intelyt                      | iChime                            |          |             | 07AUG23 |
| Lyngsoe Systems              | LS1040-PT40                       |          |             | 28SEP18 |
| Modum.io AG                  | ModSence T                        |          |             | 13SEP19 |
| Newsteo                      | TRK31                             |          |             | 05SEP16 |
| NFC Tagify                   | Type 4 tag                        |          |             | 29JAN24 |
| Onset                        | CX402<br>CX405<br>CX603           |          |             | 12NOV21 |

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|            |                                           |  |  |         |
|------------|-------------------------------------------|--|--|---------|
|            | CX502<br>CX503<br>CX602<br>CX702<br>CX703 |  |  | 22MAR22 |
| Siemens    | SensoTag<br>(P/N HFST-T109)               |  |  | 05SEP16 |
| SkyCell AG | SkyCellSavySensor<br>without gateway      |  |  | 14OCT19 |
| SkyCell    | SECURE Live MR<br>810/811/812             |  |  | 19SEP22 |
| Tapp       | TempSense                                 |  |  | 24APR24 |
| Tec4Med    | TempBeacon<br>SmartBeacon<br>CryoBeacon   |  |  | 12APR22 |
| Verigo     | Pod                                       |  |  | 27APR17 |

**"Non-Transmitting" Devices**

| Manufacturer | Device/Model                                                           | Approval | Limitations | Date    |
|--------------|------------------------------------------------------------------------|----------|-------------|---------|
| Adapt        | Proton M100<br>Proton S100<br>Proton S200<br>Proton S300<br>Proton WHO | ER-00-03 | See Annex B | 29APR22 |
| AnserLog     | USB03                                                                  |          |             | 21MAY19 |
| Berlinger    | Liberto<br>Ti1 (P/N 4520)<br>Ti2 (P/N 4521)                            |          |             | 05SEP16 |
|              | Q Tag CLM                                                              |          |             | 30MAY25 |
|              | Q Tag CLM doc L                                                        |          |             |         |
| Comet        | Thermometer<br>(S0121)                                                 |          |             | 05SEP16 |
| Core-tt      | BLE Tag                                                                |          |             | 05SEP16 |
| Comark       | Diligence EV<br>N2000series                                            |          |             | 23MAR18 |



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|                        |                                                                                                                                         |  |  |           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------|
| Cryopak                | iMiniUSB                                                                                                                                |  |  | 08SEP16   |
| DeltaTrak (In-Transit) | 16000<br>16100<br>16200<br>16300<br>16350<br>16400<br>16500                                                                             |  |  | 28SEP18   |
| Delta Track            | FlashLink<br>(20910-20917)                                                                                                              |  |  | 05SEP16   |
|                        | FlashLink<br>20741-20748<br>20762-20764<br>20769<br>31010-31012<br>40020<br>40021<br>40030<br>40031<br>40040<br>40041<br>40050<br>40051 |  |  | 24OCT19   |
|                        | FlashLink mini                                                                                                                          |  |  | 10AUG22   |
| Dickson                | HT200                                                                                                                                   |  |  | 27APR17   |
| DHL                    | SmartSensor                                                                                                                             |  |  | 05SEP16   |
| Ebro                   | EBI 300                                                                                                                                 |  |  | 05SEP16   |
|                        | EBI 310                                                                                                                                 |  |  | 15APR19   |
|                        | EBI 330-T30<br>EBI 330-T85                                                                                                              |  |  | 08SEP16   |
| Elpro                  | Ecolog Pro<br>1TG\1THGi\1TGe                                                                                                            |  |  | 23OCT2023 |
|                        | Libero CS                                                                                                                               |  |  | 08SEP16   |
|                        | Hamster HotDog                                                                                                                          |  |  | 16JAN20   |
|                        | Libero CB                                                                                                                               |  |  | 02FEB21   |
|                        | Libero CI                                                                                                                               |  |  |           |
|                        | Libero CD                                                                                                                               |  |  |           |



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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|---------|
| Fujita                  | KT-255F                                                                                                                                                         |  |  | 14FEB23 |
|                         | KT-195UGX                                                                                                                                                       |  |  | 20MAR24 |
| Gulf Coast Data Concept | B1100-1                                                                                                                                                         |  |  | 05SEP16 |
| Lansmont                | Savertm 9X30                                                                                                                                                    |  |  | 24AUG23 |
| Logmore                 | QR Tag                                                                                                                                                          |  |  | 16APR21 |
| LogTag                  | Haxo-8                                                                                                                                                          |  |  | 05SEP16 |
|                         | Trix-8                                                                                                                                                          |  |  |         |
|                         | TRIX-16<br>TREL-8<br>SRIC-4<br>USRIC-4<br>USRIC-8<br>USRIC-16<br>UTRIX-16<br>UTRID-16<br>TRID30-7x<br>TRED30-16R<br>TIC20<br>TICT<br>iSOTag<br>TRIL-8<br>SRIL-8 |  |  | 10OCT18 |
|                         |                                                                                                                                                                 |  |  |         |
| Maxim                   | Termochrom (DS1922L)                                                                                                                                            |  |  | 05SEP16 |
|                         | Termochrom iButton (DS1921G)                                                                                                                                    |  |  |         |
| MadgeTech               | EB-5<br>EB-50<br>EB-100<br>EB-250                                                                                                                               |  |  | 08OCT18 |
| Marathon                | CTemp AA                                                                                                                                                        |  |  | 05SEP16 |
| MONI LOG                | EnDaL Curve                                                                                                                                                     |  |  | 20OCT17 |
| MSR                     | MSR145                                                                                                                                                          |  |  | 05SEP16 |
|                         | MSR165                                                                                                                                                          |  |  | 10OCT22 |



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|------------|------------------------------------------------------|--|--|---------|
|            | MSR175<br>MSR175plus                                 |  |  | 05MAY25 |
| Omega      | OM-EL-USB-2-<br>LCD                                  |  |  | 08SEP16 |
| Plustrace  | G1                                                   |  |  | 25OCT24 |
| Sensitech  | TempTale<br>(TT4)<br>(TT4 USB)                       |  |  | 05SEP16 |
|            | TempTale Ultra                                       |  |  | 13NOV18 |
|            | TempTale direct                                      |  |  | 08SEP16 |
|            | Ryan EZT                                             |  |  | 08SEP16 |
|            | TempTale Ultra Fit                                   |  |  | 17SEP20 |
|            | TempTale® Ultra<br>Probeless Dry Ice<br>(T110112800) |  |  | 16JUL24 |
| Shockwatch | Shocklog 298                                         |  |  | 26JUN20 |
| Stefanelli | Temp-Tok A<br>Temp-Tok D                             |  |  | 23JUN22 |
| Telatemp   | Tamperproof Transit<br>Thermometer                   |  |  | 08SEP16 |
| TempMate   | TMS90                                                |  |  | 05SEP16 |
|            | S1<br>(V2)                                           |  |  | 19OCT18 |
|            | S1<br>(V3)                                           |  |  | 04AUG20 |
| TempSense  | ITAG4 SP<br>ITAG4 TH<br>ITAG4 Bio                    |  |  | 21MAR25 |
| Tempsen    | ITAG3 PRO                                            |  |  | 27OCT21 |
| Testo      | 174T                                                 |  |  | 05SEP16 |
|            | 174H                                                 |  |  | 14OCT20 |
| Thermadata | MkII                                                 |  |  | 08SEP16 |
| Tive       | Tag T1                                               |  |  | 12MAR21 |
| TSS        | Temptracer2                                          |  |  | 07JAN21 |
|            | Temptracer3                                          |  |  |         |

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|-------|------------------|--|--|---------|
|       | TemptracerH      |  |  |         |
|       | TSS webLogger II |  |  | 27JAN23 |
| TZone | TempU02          |  |  | 07JUL25 |
|       | TempU04          |  |  | 07JUL25 |
|       | TempU08          |  |  | 08OCT24 |

**"Flight Safe Software" Devices**

| Manufacturer | Device/Model                               | Approval | Limitations | Date    |
|--------------|--------------------------------------------|----------|-------------|---------|
| 7p Solutions | GD100                                      | ER-00-04 | See Annex B | 05SEP16 |
|              | GL200                                      |          |             |         |
|              | GL300series extended battery               |          |             | 20MAR23 |
|              | GL300series                                |          |             | 20MAR23 |
| Adapt        | Kelvin<br>S100<br>M200<br>M300             |          |             | 17APR23 |
| Berlinger    | SmartMonitor SHIP L<br>SmartMonitor SHIP M |          |             | 23SEP22 |
| CalAmp       | SC1100/SC1102                              |          |             | 18APR18 |
|              | SC1000/SC1004                              |          |             | 13NOV18 |
|              | SC1204                                     |          |             | 16DEC21 |
|              | SC1302                                     |          |             | 28JAN22 |
| Controlant   | CO.10.01                                   |          |             | 05JAN17 |

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|-------------------------|---------------------------------------------------------------------------------------------------|--|--|---------|
|                         | Saga<br>Saga-H<br>Saga-P                                                                          |  |  | 23SEP20 |
| CargoSignal             | iTRAQ Butterfly                                                                                   |  |  | 10JAN22 |
| Chorus                  | Scout Version 2<br>(DOS)                                                                          |  |  | 06OCT22 |
| Moog/<br>Crossbow       | ILC2000<br>(SenseAware 2000)                                                                      |  |  | 05SEP16 |
| Digital Matter          | Griffin Air                                                                                       |  |  | 09JUL25 |
| ECD                     | Solid II                                                                                          |  |  | 30NOV18 |
| Emerson                 | GO Real Time<br>GO Real Time XL                                                                   |  |  | 21MAR18 |
| Elpro                   | Liberto GL<br>Liberto GS<br>Liberto GF<br>Liberto GE<br>Liberto GH<br>Ecolog Pro<br>1TG\1THG\1TGe |  |  | 23OCT23 |
| Fedex                   | SenseAware M4                                                                                     |  |  | 22SEP21 |
| Frigga                  | T7 series / V5 series                                                                             |  |  | 14NOV23 |
| GTX Corp<br>(GlobalSat) | TR-151                                                                                            |  |  | 05SEP16 |
| Hanhaa                  | Parcelive HY-000002                                                                               |  |  | 15APR19 |
| HiveZox                 | BEEconIoT                                                                                         |  |  | 20MAR23 |
| Intelyt                 | iTAG IDC-ITG-V3.3                                                                                 |  |  | 20OCT17 |
| Kirsen / ToolLive       | A-type                                                                                            |  |  | 12JUN19 |
| Next4                   | N402i                                                                                             |  |  | 09JUL21 |
| OnAsset                 | Sentry400                                                                                         |  |  | 05SEP16 |
|                         | Sentry 500                                                                                        |  |  | 05SEP16 |
|                         | Sentry 600                                                                                        |  |  | 11OCT21 |
| Roambee                 | Roambee Sensor Bee                                                                                |  |  | 24MAY18 |

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|               |                                                                                                                             |  |  |         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------|--|--|---------|
|               | BeeSense Flex BNG 500                                                                                                       |  |  | 30MAR22 |
|               | BeeSense BNG500M                                                                                                            |  |  | 29SEP22 |
|               | BS-LB-01, BS-LB-02                                                                                                          |  |  | 26JUL24 |
| Sendum        | PT300D                                                                                                                      |  |  | 05SEP16 |
| SensiTech     | Sentry500                                                                                                                   |  |  | 13NOV18 |
|               | TempTale GEO Ultra/VizComm View Ultra P\N T11013050                                                                         |  |  | 12FEB21 |
|               | TempTale GEO Ultra Dry Ice P\N T11013070                                                                                    |  |  |         |
|               | TempTale GEO Ultra Dry Ice Extended P\N T11013060                                                                           |  |  | 08APR21 |
|               | TempTale GEO Ultra Extended/VizComm View Ultra Extended P\N T11012990                                                       |  |  |         |
|               | TempTale GEOX (T11013210),<br>TempTale GEO XE (T11013220),<br>TempTale GEO XEP (T11013240),<br>TempTale GEO XP (T11013230)) |  |  | 22DEC23 |
| Shipit.to     | SIT-1002                                                                                                                    |  |  |         |
| Sony          | VT-G100                                                                                                                     |  |  | 16FEB21 |
|               | Smart Label                                                                                                                 |  |  | 06DEC21 |
|               | Smart Label Gen 1.0                                                                                                         |  |  | 13JAN22 |
| Sony Visilion | Mobiam                                                                                                                      |  |  | 10AUG22 |
| Stracker      | PT35                                                                                                                        |  |  | 25FEB21 |
| SystemLoco    | HGD4                                                                                                                        |  |  | 23SEP20 |
|               |                                                                                                                             |  |  | 26OCT21 |

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|---------------|---------------------------------|--|--|---------|
|               | HGR4                            |  |  | 11NOV21 |
| Tag n Track   | SAM500, SMM300,<br>ST300, ST300 |  |  | 11AUG25 |
|               | SLB1                            |  |  | 27JUL21 |
|               | SSL300                          |  |  | 13JAN25 |
|               | SSL 100-SU                      |  |  | 21MAR25 |
| Tec4Med       | Smarthub - Smartlock            |  |  | 14APR22 |
| Tive          | TT-3000                         |  |  | 06AUG18 |
|               | TT-7000<br>(Solo 5G Tracker)    |  |  | 10JUN20 |
|               | TT-7100                         |  |  | 14DEC20 |
|               | TT-8000, TT-8100                |  |  | 21MAR25 |
|               | TT-9100, TT-9110                |  |  | 03FEB25 |
| TooLive       | TL001                           |  |  | 09JUL21 |
| Trackonomy    | FBB2000/FWB2000                 |  |  | 10AUG22 |
|               | FBB2001/FWB2001                 |  |  | 30JAN23 |
| Trusted       | TG8                             |  |  | 30MAR20 |
| Versa         | Versa1                          |  |  | 08MAR21 |
| ZillionSource | ZillionSense ZS-100             |  |  | 05SEP16 |

**"Transmitting PED" Devices**

| Manufacturer | Device/Model | Approval | Limitations | Date    |
|--------------|--------------|----------|-------------|---------|
| Arch System  | POD 1-M      | ER-00-05 | See Annex B | 06OCT22 |
| BeOn         | BeOn A1      |          |             | 04MAR21 |
| Berlinger    | SHIP-S       |          |             | 15MAR23 |

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|            |                                                                                   |  |  |         |
|------------|-----------------------------------------------------------------------------------|--|--|---------|
| Elpro      | Libero CE<br>Libero CL<br>Libero CH                                               |  |  | 04FEB21 |
| OnAsset    | Sentinel 100                                                                      |  |  | 14MAY19 |
|            | Sentinel 100L<br>Sentinel 100A<br>Sentinel 100B<br>Sentinel 100S<br>Sentinel 100P |  |  | 11NOV20 |
|            | Sentinel 100C                                                                     |  |  | 14APR21 |
|            | Sentinel 200                                                                      |  |  | 11AUG25 |
|            | Sentinel Flex                                                                     |  |  | 07AUG25 |
| Fedex      | FedEx ID Node2<br>FedEx ID Node3                                                  |  |  | 07SEP23 |
| Geoforce   | GT0<br>GT1                                                                        |  |  | 28MAY21 |
| SystemLoco | E4BL                                                                              |  |  | 02FEB22 |
|            | CryoTagC2PL                                                                       |  |  | 06FEB23 |
| Reelables  | A-Label                                                                           |  |  | 30AUG22 |
|            | RN001                                                                             |  |  | 16MAY25 |
| Tive       | TT-6000                                                                           |  |  | 05DEC22 |
| Trackonomy | CGB-2002                                                                          |  |  | 13AUG25 |

## **Annex B**

The above devices are approved for carriage in cargo onboard CLX/ICV aircraft, under the following conditions:

### **Limitations:**

- i. The device must be placed in cargo/container as per the Manufacturer's Ops Manual



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- ii. The device must be serviceable as per the Manufacturer's Ops Manual
- iii. Any design revision or introduction of any additional data type sensor must be reported to CLX/ICV
- iv. The CLX/ICV booking office must be notified upon booking of each consignment (i.e. total number of devices)
- v. The lithium battery must conform to IATA DGR, current edition, special packing instruction for excepted Lithium Ion Batteries contained in or packed with Equipment
- vi. Appropriate measures must be taken to prohibit the unintentional activation of the device during any phase of the flight
- vii. This approval is valid until revoked by CLX/ICV at its own discretion