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Anytime, Anywhere.



Avionic Instruments

Connecting
A Better World.

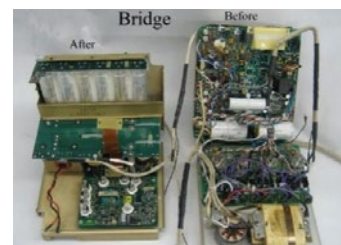
At Topcast, we pride ourselves as one-stop-shop for spare parts, components, raw materials and consumables sourcing service provider with our extensive network of business partners, global sourcing team and decades of experience servicing a vast and diverse customer base. We are a global connector, ultimately, we connect the world.

SAVE 40% or More with Topcast Program

New Static Inverter: **PN 1-002-0102-2170**
 Equivalent Replacement: **PN 1-002-0102-2089, PN 1 002-0102-2090**
 Ata Chapter: **24 (electrical power)**
 Essentiality Code: **1 (no-go item)**
 Application: **Provide flight-critical emergency back up power**
 Aircraft Applicability: **B737, B747, B757, B767, B777**



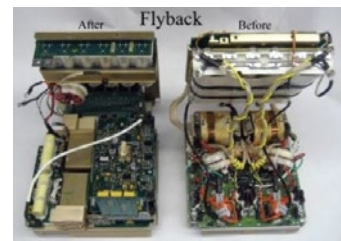
IMPROVEMENTS OF NEW INVERTER



Old Inverter

PN 1-002-0102-2089 and 1-002-0102-2090

- In production from 1987 to 2014 with many revisions until end of production
- Lower reliability leading to frequent removal and therefore high repair costs or even BER
- Long turnaround time for repairs due to component shortage
- Increased number of unrepairable units due to component obsolescence
- Limited warranty coverage depending on inverter age and condition (maximum 1 year)



New Inverter

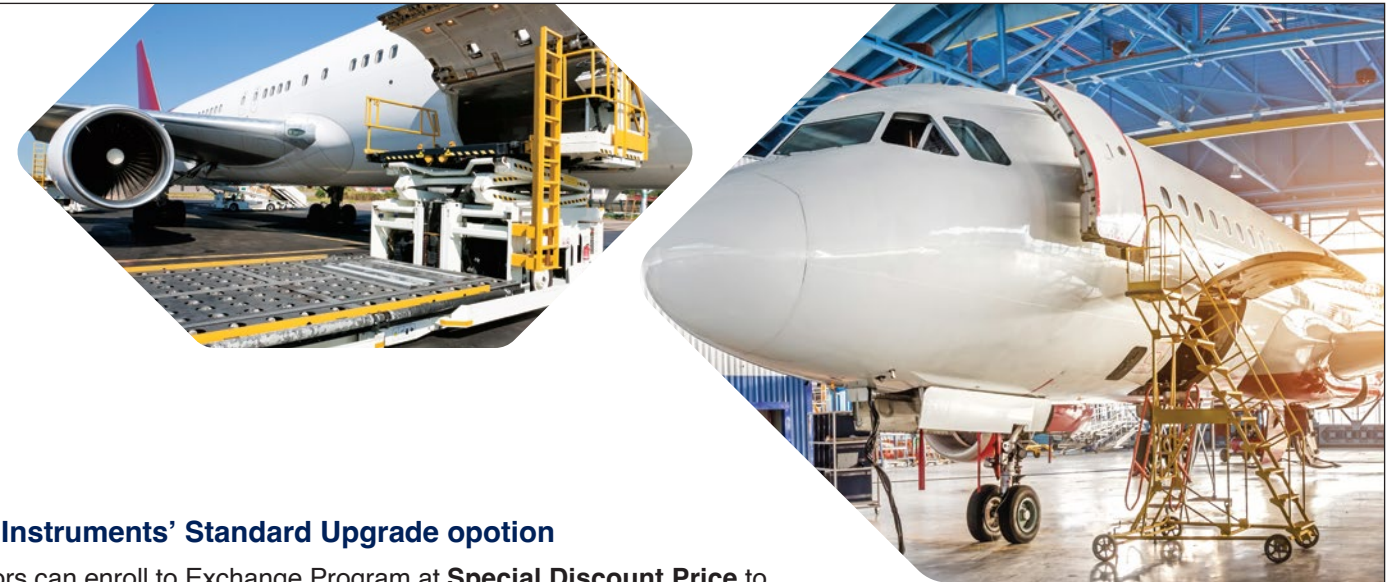
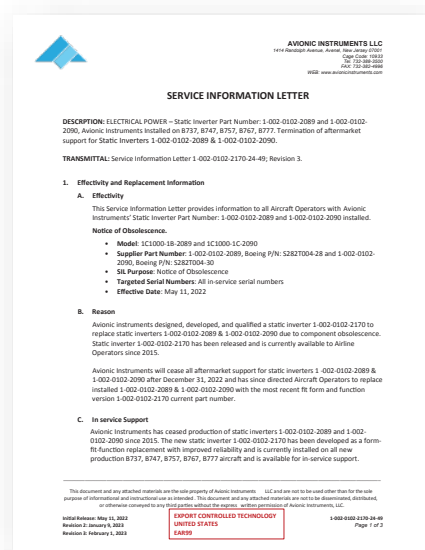
PN 1-002-0102-2170

- ✓ An improved version to address technical issues of the old inverters
- ✓ Released and made available to operators **since 2015**
- ✓ **Reliability improvement** in MTBF (reduction of wires by 70%)
- ✓ **Weight cut** from 19.75 lbs to 18 lbs
- ✓ No component obsolescence issues
- ✓ **Huge savings** associated with repairs (removal, labour, material and administration costs etc.)
- ✓ Upgrade from old inverter is **very simple**

MANDATORY INVERTER UPGRADE

Service Information Letter (1-002-0102-2170-24-49; Revision 3)

- Avionic Instruments issued in **Jun 2022**
- The letter was collaborated and **approved by Boeing**
- Aftermarket support (spares and repairs) for old inverters was determined after **Dec 31, 2022**
 - Notice of obsolescence is applicable to all in-service serial number of the old inverters
 - Sales of component spares for the old inverters were discontinued
 - Over 90% of old inverter piece parts were obsoleted, remaining 10% are common parts with the new inverter
 - CMM will not be updated to support repairs for old inverters



Avionic Instruments' Standard Upgrade option

- Operators can enroll to Exchange Program at **Special Discount Price** to retrofit out obsolete old inverters with replacement of new inverters
 - **standard catalog price** : \$148,052.09/EA (2024 Price)
 - **exchange price discount** : **40%+ off CLP** (subject to MOQ)

TOPCAST SPECIAL OFFER

Topcast got you covered. A limited-time offer is here to help operators upgrade the inverters across the fleet. you will enjoy the **benefits**:



ECONOMICAL

- ✓ **Maximize cost savings**
- ✓ Save **30% and more** than Standard Upgrade Option
- ✓ Exchange more inverters to get more savings
- ✓ The earlier you exchange, the better the exchange rate



FLEXIBLE

- ✓ Flexibility in exchange schedule **based on your operational and financial needs**



ASSURING

- ✓ New exchange comes with **warranty coverage**

General Remarks

1. The exchange rate is dependent on the quantity of inverters committed (in the form of exchange order) in each calendar year
2. Customers are not allowed to delay the delivery of new inverters by more than 12 months from the date of exchange order, unless delivery is delayed due to supply chain constraints and OEM production capacity
3. Customers are required to transfer the ownership of old inverter to Topcast upon exchange. No requirement regarding the condition of old inverter.

Looking for an Upgrade Now?
 Connect us at inquiries@topcast.com