



# "Pure Lead" Sealed Lead Acid Main Ship Battery

## 40 Ah



## Now Available for the Gulfstream II and III(DC)

Other certified models also available for GIII (AC), and GIV

Hawker sealed aircraft batteries have been designed for high power, long life, and low maintenance, thereby meeting a wide variety of civil and military requirements. Hawker's unique pure lead grids and patented gas recombination technology ensure long shelf life and fast recharge capabilities.

All of Hawker's aviation battery products are classified as

non-hazardous and unrestricted for land, sea, or air transportation when correctly packed. This battery requires no regular maintenance, has no memory effect, and doesn't suffer from fading. Depending on type of operation and usage, the battery can provide up to a 5 year life.

### Advantages:

- **Hot and cold performance far exceeding that of any other aviation battery.**
  - Cold — 50% more cranking amps of any other equivalent-rated aviation battery at -40° C/F
  - Hot — Qualified to operate at temperatures up to +75°C, with expected operating life greater than 3 years at +30°C.
- **True no-maintenance battery.**
- **Recovers From Deep Discharge**  
The main current carrying structures inside a Hawker battery are constructed of pure lead-tin plates. Because of the purity of the lead, Hawker SLA batteries do not exhibit typical characteristics of Lead-Calcium and Lead-Antimony batteries. Hawker SLA batteries have exceptional charge retention and unsurpassed deep discharge recovery.
- **High Capacity**  
Hawker's unique manufacturing process produces plates that are very thin – .7mm thick as opposed to the 2-4mm thick plates common to most lead-calcium SLA batteries. Thinner plates mean each cell can contain more plates without increasing the overall size or weight of the battery. More plates means the Hawker battery contains a much higher surface area contact between the positive and negative active materials, resulting in a very high discharge rate, very high recharge capacity, and virtual immunity to "thermal runaway".
- **Battery block replacement** at significantly less than the list price of a new battery. This can extend the life of the battery indefinitely.
- **Shipped fully charged and ready to install.**

### Certifications:

The Hawker 9750W0538 battery is STC'd and PMA'd for installation on:

- ATR-42 & 72 Series
- Falcon 50 & 50EX
- Gulfstream II
- Gulfstream III (DC aircraft)
- Challenger CL-600, -60I
- Caravan 208, 208B



Hawker 40 Ah

Part Number 9750W0538





# "Pure Lead" Sealed Lead Acid Main Ship Battery

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### SPECIFICATIONS:

Model Number:  
9750W0538

Size:  
11.05" x 11.97" x 10.4"

DC Connector:  
MSI8093/MS3509

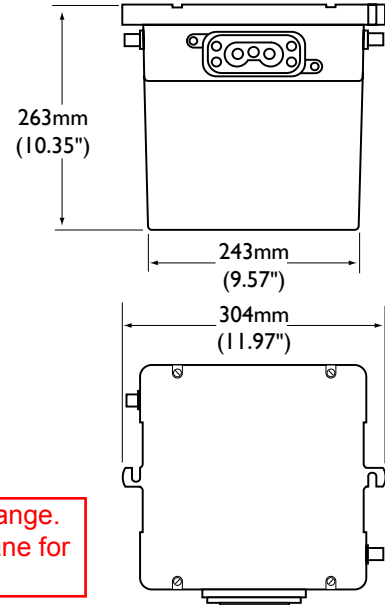
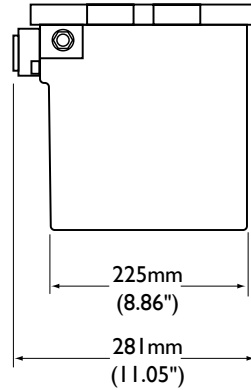
Qual:  
DO-160D

Weight:  
38 kg (83.8 lb)

Nominal Voltage:  
24V

Nominal Capacity:  
40Ah

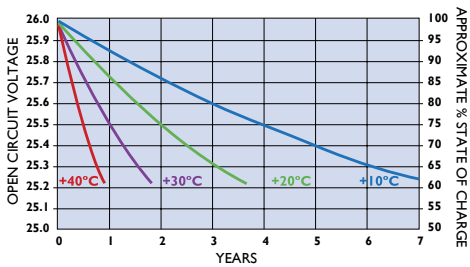
Transportation:  
Non-hazardous and unrestricted when securely packed and protected against short circuit.



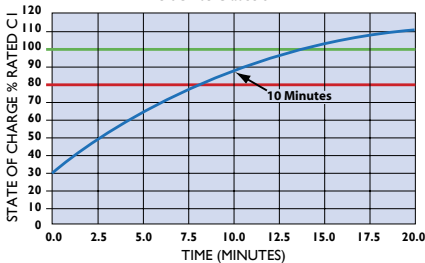
Information subject to change.  
Please contact Securaplane for current data.

### PERFORMANCE CURVES:

#### STORAGE OF UNCOMMISSIONED PRODUCT

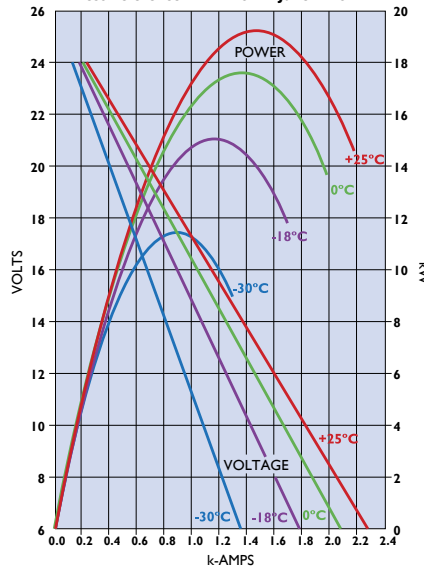


#### CHARGE ACCEPTANCE BS 6G 205 Clause 8.11



#### POWER RATING

Testing of Group B sample to Batspec 210 clause of 3.9 and IEC 952-1 clause 6  
Test Reference PDTR 1817 - June 1998



### EASY REBLOCKING:



Internal monoblocks can be replaced at significant savings over the replacement cost of a new battery.