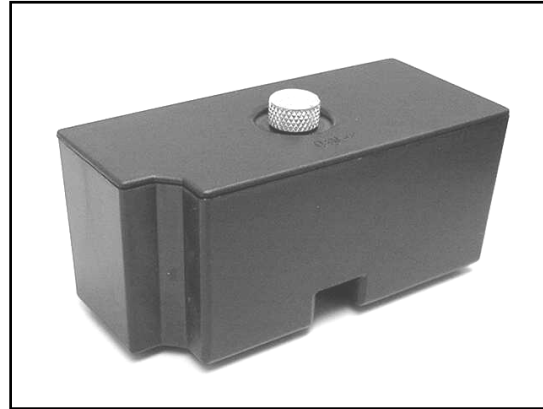


MAI-150483 Battery

- High performance non-rechargeable Lithium Manganese Dioxide battery.
- Durable high impact plastic housing
- Unit contains safety devices for charge, short circuit and over temperature protection
- 100% final testing

This battery meets the requirements of MMI 90-301 for:

- Battery voltage
- Capacity
- Electrolyte leakage
- Mechanical, thermal shock, & acceleration
- Vibration , Insulation resistance



Lithium Manganese Dioxide

The MAI-150483 is an upgrade replacement for the discontinued mercury battery part number MMI 90-301. As such it meets or exceeds all requirements as specified in Purchase Description, Battery, Life Support Radio Primary, per MMI 90-301 dated 30 March 1993 and in accordance with the contract modification expressed at that time. This battery powers the AN/URT-33B-1 Radio Beacon set for the F-4 ejection seat. Per the original drawing it remains as a non-rechargeable battery, and is insulated on all exterior surfaces.

For use in	URT-33B1
Replacement for	MMI 90-301
Cell chemistry	Lithium Manganese Dioxide
Operational life	>19 hours with discharge profile of 100mA @ 25°C Required capacity is 1.4Ah, MAI-150483 capacity is 1.7Ah min.
Nominal voltage	9.5 Volts (11 volts max., 7.1 volts cutoff)
Nominal dimensions	83 x 37 x 38 mm
Maximum weight	255 g
Case material	ABS plastic
Operating temperature	-20°C to +55°C
Disposal	Check with local regulations

Mathews Associates, Inc.
220 Power Court
Sanford FL 32771

Phone: (407) 323-3390 Fax: (407) 323-3115
Email: sales@maifl.com

