



Technical Support Bulletin 2003-03	MMP Battery	July 11, 2003
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Alert Level: **ADVISORY**
Software Version: N/A
Instrument: MMP with Lithium Battery
Subject: Ballast Calculation

Summary: For proper MMP operation, the ballast of the MMP must be calculated with all sensors and batteries installed. If the ballast is not properly calculated, the MMP may not reach the upper or lower limits of the planned deployment. Due to changes in the shipping requirements for hazardous goods, like the MMP battery pack, McLane must estimate the air weight of the battery pack during the initial ballast calculation at our facility

Potential Negative Effects: Inaccurate ballast calculation may result in truncated deployment profiles.

Technical Details: McLane estimates the air weight of the MMP battery pack at 5.18 kg, which is the average weight of battery packs manufactured recently. The revised ballast sheet lists the air weight of battery pack as a line item. If your battery pack weight differs significantly from this estimated weight (5.18 kg), McLane recommends a re-calculation and adjustment of ballast weight.