



7.0 Ah Battery P/N 31771

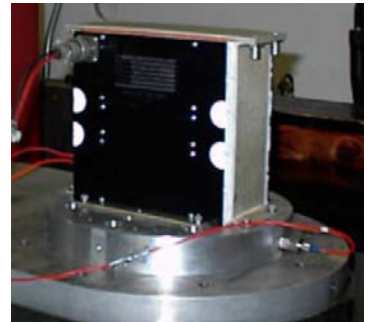
Space Vector fabricates several types of rugged NiCd battery packs suitable for launch vehicles and other applications encountering severe environmental conditions. The 7.0 amp hour batteries are used to power various ordnance, telemetry and vehicle systems. This battery was recently qualified for use on a target reentry vehicle application.

Flight History:

White Sands Missile Range - Aries Launch Vehicles
Wallops Island Flight Facility - ALV and ABIE missions
Pt. Mugu Sea Test Range - AltAir program
Kodiak Launch Complex - Ait-2 mission
Kwajalein Missile Range - PLV integrated flight tests

Specifications:

Weight:	14.6 lbs inc. mtg. brackets
Capacity:	7.0 Amp Hour (C/1)
Nominal Voltage:	28.8 VDC
Maximum Discharge Current	
Continuous:	58 Amps
Momentary (1 second):	116 Amps
Operating Temperature (tested):	-21°C to +60°C



*7 Ah Battery during
Acceptance Testing
(shown in vertical restraint)*



*7 Ah Battery during
RV Qualification Testing
(shown in ruggedized
horizontal restraint)*



Options:

Various mounting options available with or without isolators

Different connector configurations



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