

Status-of-health	E417.22(j)	X
Cycle Life	E417.22(i)	
Electrical Performance <sup>(7)</sup>	E417.22(n)	X
Charge Retention	E417.22(f)	X
Operational Stand Time	E417.22(q)	X
Battery Case Integrity <sup>(8)</sup>	E417.22(k)	2
Explosive Atmosphere	E417.11(k)	X
	E417.22(r)	1
Internal Inspection	E417.5(f)	X
X-ray Inspection <sup>(9)</sup>		5 cells

<sup>(1)</sup> Each new production lot of nickel-cadmium cells must satisfy all the qualification tests required by this table to demonstrate that any variation in parts, material, or processes between each production lot does not adversely affect cell performance. For each new cell production lot, three battery assemblies that are made up of cells from the lot must undergo each test required by this table to demonstrate that each battery and each cell satisfy all their performance specifications when in their packaged flight configuration.

<sup>(2)</sup> Each test that requires a nickel-cadmium battery to undergo a charge or discharge must satisfy paragraph (a)(2) of this section. Unless otherwise specified, each test must begin with the battery fully charged.

<sup>(3)</sup> Each qualification test battery must pass all the acceptance tests of table E417.22-2.