

CERTIFICATE NUMBER No. 404144-2001-1/2 TC

Transportation Certificate for the Storm Battery

Lithium cell or battery test summary in accordance with subsection 38.3 of Manual of Tests and Criteria.

(A) BATTERY NAME

LINCAD ITEM	Storm battery
LINCAD Part No.	404144-2001

(B) CONTACT INFORMATION

As in header above

(C) TEST LABORATORIES

Test	Test laboratory	Test Certificate No.
Altitude Simulation (T1)	QinetiQ Batteries Cables & Connectors MoD Fort Halstead, Room 11A Building Q8, Sevenoaks. Kent TN14 7BP 01959-514000 www.QinetiQ.com	LIN03/2012_ALT1

Test	Test laboratory	Test Certificate No.
Vibration (T3) Shock (T4)	Mead Testing Ltd Unit 25 Mead Park. Harlow, Essex, CM20 2SE 01279-635864 sales@meadtest.com www.meadtest.com	ENJ 872

(D&E) TEST REPORTS & DATES

TEST T7	Lincad TR 1114 29 Mar 2012
TEST T1-T5	Lincad TR 1115 29 Mar 2012

(F) DESCRIPTION OF BATTERY

BATTERY TYPE	LITHIUM-ION
MASS (g)	600
WATT-HOUR RATING (Wh)	100
PHYSICAL DESCRIPTION	The battery comprises a series-parallel configuration of lithium-ion cells with associated

	BMS housed in a rugged aluminium case to provide a nominal 11 Volts and 9 Ah capacity.
MODEL NUMBERS	Test samples 1 - 16

(G) TEST RESULTS

Test No.	Test Description	Test Result
T1	Altitude simulation	Pass
T2	Thermal test	Pass
T3	Vibration	Pass
T4	Shock	Pass
T5	External short circuit	Pass
T6	Impact	Pass tested by LG
T7	Overcharge	Pass
T8	Forced discharge	Pass tested by LG

(H) ADDITIONAL INFORMATION

Note: This test certificate replaces the previous certificate dated 29 March 2012 and has been updated in line with 2020 IATA regulations.

The cell incorporated in this battery was tested by LG and met the requirements of ST/SG/AC.10/11/Rev 5.

(I) MANUAL OF TESTS AND CRITERIA REVISION USED

Transport of dangerous Goods, manual of Tests and Criteria	ST/SG/AC.10/11/Rev 5/ Amend 1
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Signed on behalf of Lincad Ltd



16 April 2020

G. Durham

Research Manager