

CERTIFICATE NUMBER No. 404231-2001-1TC

Transportation Certificate for the LIPS 15 Battery

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

(A) BATTERY DESCRIPTION

LINCAD ITEM	LIPS 15
LINCAD Part No.	404231-2001
NSN	6140-99-155-5074

(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	QinetiQ/MS/WD/TC16002737

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 1032

(D&E) TEST REPORTS & DATES

TEST T7	Lincad TR 1157 8 Sep16
TEST T1-T5	Lincad TR 1158 9 Sep 16

(F) DESCRIPTION OF BATTERY

BATTERY TYPE	LITHIUM-ION
MASS (Kg)	3.7

WATT-HOUR RATING (Wh)	720
PHYSICAL DESCRIPTION	Ruggedised high energy density 24V battery housed in metal case
MODEL NUMBERS	Test samples 1 -8

(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: The LIPS 15 results are read-across from the LIPS 10.
The cell incorporated in this battery was tested by LG to
ST/SG/AC.10/11/Rev5/Amend 2 Test Report QAE-EF02-150320-CY18650F1L 20
Mar 2015

(I) MANUAL OF TESTS AND CRITERIA REVISION USED

Transport of dangerous Goods, manual of Tests and Criteria, Sixth edition/ corrigendum 1	ST/SG/AC.10/11/Rev 6. Corr.1
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Signed on behalf of Lincad Ltd



23 January 2020

G. Durham

Quality Manager