LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

N/A = Not Applicable

1. Name of cell / battery								
Polymer lithium ion Battery 601419								
2. Manufactu	rer of cell / battery				***************************************			
Name	Tanghe County Hongkyi New materials Co. Ltd							
Address								
Phone								
Email								
Website								
3. Test labor	atory of cell / battery	manusus anta	***************************************	wasikalinga katalanga katalanga katalanga katalanga katalanga katalanga katalanga katalanga katalanga katalang				
Name	Shenzhen Tiansu	Calibration and	Testing Co.	Ltd				
Address								
Phone								
Email								
Website								
4. ID-numbe	r and date							
Unique test report identification number 20190104936		ZB-BR01	Date of test report 2019/02/		02/15			
DESCRIPTION OF CELL / BATTERY								
5. Mark the	type of cell/battery with an	"•"						
Lithium ion cell			Lithium metal cell					
X Lithium ion battery Li				ithium	metal batt	iery (
Lithium hybrid battery								
6. Parameters				Cell	E	Battery		
Mass in gram (g):						3,3		
Lithium ion: Indicate watt-hour rating (Wh):						0,33	,	
Lithium meta	l: Indicate lithium metal con	tent in gram (g):						
Lithium hybrid: Indicate lithium metal content in gram (g) and watt-hour rating (Wh):							g	

Wh

LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

Name of cell/battery (taken from field 1)

Polymer lithium ion Battery

7. Physical description of cell / battery		THE PERSON NAMED IN THE PE	TOTAL PORT OF THE PROPERTY OF		
prismatic					
8. Model numbers			***************************************		
23814 Helicopter Flash					
TESTS AND RESULTS					
TESTS AND RESULTS					
9. List of tests conducted and results - Mark N/A, pass or fail with an "●"	N/A	pass	fail		
T1 - Altitude simulation					
T2 - Thermal Test	0	0			
T3 - Vibration	0				
T4 - Shock	0	0	0		
T5 - External Short Circuit	Ŏ		Ŏ		
T6 - Impact / Crush	Ŏ	Ŏ	Ŏ		
T7 - Overcharge	Ŏ	Ŏ	Ŏ		
T8 - Forced Discharge	Ŏ	Ö	Ŏ		
for all above	Ŏ	$\stackrel{\textstyle \times}{(\!$	Ŏ		
	Ŏ	Ŏ	Ŏ		
10. Reference to assembled battery testing requirements					
		N/A			
			10/6		
11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto					

LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

Name of cell/battery (taken from field 1)

Polymer lithium ion Battery

ADDITIONAL SUPPLIER INQUIRY

12. Quality management system for manufacturing cells / batteries Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations?	X	YES	NO
13. Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium ion battery: more than 100 Wh Lithium metal cell: more than 1 g Lithium Lithium metal battery: more than 2 g Lithium Lithium hybrid Battery: more than 1,5 g Lithium and/or more than 10 Wh		YES	NO X
			- L
Check point 14 – 16 need to be answered when 13 has been ticked "YES":			
14. Does each cell / battery incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?		YES	NO
15. Is each cell / battery equipped with an effective means of preventing external short circuits?	0	YES	NO O
16. Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous reverse current flow (e.g. diodes, fuses, etc.)?	Ŏ	YES	NO
 Only in air transport: State of Charge (SoC) for UN 3480 Lithium ion cells/batteries and lithium polymer cells/batteries 			
State of Charge (SoC) max. 30 %		YES	NO

CELLS/BATTERIES INSTALLED IN EQUIPMENT

18. Check point 18 needs to be answered when the cells / batteries are installed in articles:							
18.a) Only b	18.a) Only button cells enclosed?					NO	(X)
18.b) Number of enclosed cells (other than button cells)/batteries per equipment							
	Enclosed cells per equipment	Enclosed batteries per equipment			1		
When the equipment is intentionally active/switched on during transport e.g. data loggers:							
18.c) Confirmation that no dangerous amount of heat is emitted from the equipment X N/A YES					NO		
18.d) Confirr air trar	mation that the equipment when transported by air nsport standards for electromagnetic radiation acc	fulfills the defined cording to DO-160	X	N/A	YES	ио (

19. Place, Date	20. Title, Surname, First name	21. Company stamp and signature
Bünde, 2020.01.13	Vieregge Thomas Head of Quality Assurance & Product Safty	Revell GmbH
		Henschelstr. 20-30

32257 Bünde Tel.: (+49/0) 5223 965-0

