



中国认可
国际互认
检测
TESTING
CNAS L5950

Test Report

No.: SPF20034612

Date: Sep. 19, 2020

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SHENZHEN FEIJIADA TECHNOLOGY CO., LTD.

428, BLDG. 2, JINFANGHUA E-COMMERCE INDUSTRIAL PARK, NO. 450 BULONG ROAD, BANTIAN ST.,
LONGGANG DISTRICT SHENZHEN CHINA (MAINLAND)

The following samples were submitted and identified by/on behalf of client as:

Name of product/item : REMOTE CONTROL AIRCRAFT SERIES

Item No. : JD-22, JD-22S, JD-23, JD-23S, JD-25, JD-25S, JD-26, JD-26S, JD-27, JD-27S, JD-28, JD-28S,
JD-29, JD-29S, JD-30, JD-30S, E020, E021, E021S, E022, E022S, E38, E58, E58 PRO, E61, E61H, E61HW,
E65H, E65HW, E511, E511S, E520, E520S, E520S PRO, E530, E530S, E68, E69, E610, E540, E540S, EX5,
EX5 PRO, EX6, EX7, FX1, FX2, FX10, F111, F40, F41, F540, F540S, JY025, JY026, JY028, JY029, S161,
S162, S163, S165, S166, S167, S168, S169, S171, S172, S173, S175, S176, S177, S178, S179, S186, S188,
S189, S199

Requested age grading : 8+

Age group applied in testing: 8+

Sample received date: Sep. 09, 2020

Testing period: From Sep. 09, 2020 to Sep. 19, 2020

Tested component(s):

LED Sample number: 3 PCs, LED No. 1[#], 2[#], 3[#] the sample can normal working before test.

Rating of equipment: 1×7.4V rechargeable battery, for 1[#] (Red LED on Unmanned Aerial Vehicle)

1×7.4V rechargeable battery, for 2[#] (Blue LED on Unmanned Aerial Vehicle)

4×1.5V “AAA”, for 3[#] (Blue LED on controller)

Test conclusion:

Summary

EN 62115:2005+A12:2015 Annex E

(Refer to EN 60825-1:1994+A1:2002+A2:2001 “Safety of laser products –Part 1: Equipment classification, requirements and user’s guide”)

Result

Pass

Tested by : JW

Chen Jianwei, JW

Inspected by : Harvey

Huang Xuzhou, Harvey

Approved by : Wendy

Zhang WenXia, Wendy



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Electrical properties analysis:

Section	Description	Assessment	Note
1	Scope and object	---	
2	Normative references	---	
3	Definitions	---	
4	Engineering specifications	---	(2)
5	Labelling	NA	
6	Other informational requirements	NA	
7	Additional requirements for specific laser products	NA	
8	Classification	---	
9	Measurements for classification	Pass	
10	Safety precautions	---	
11	Hazards incidental to laser operation	---	
12	Procedures for hazard control	---	
13	Maximum permissible exposures	---	

Note:

(1) NA = Not applicable.

(2) The requirements of the relevant product safety standard shall be fulfilled during operation and in the event of a single fault for the following:

- Electrical hazards.
- Excessive temperature.
- Spread of fire from the equipment.
- Sound and ultrasonics.
- Harmful substances.
- Explosion.

If no provisions are included in the product safety standard, the relevant subclauses of IEC 61010-1 shall apply.

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Details of test results:

Item No.	Color of LED	Wave length	Emission duration	Measurement data	Accessible mission limits for class 1	Result
Retinal photochemical hazard (400-600nm):						
2#	Blue LED on Unmanned Aerial Vehicle	457nm	100s	$3.9 \times 10^{-3} \text{J}$	$4.3 \times 10^{-3} \text{J}$	Pass
3#	Blue LED on controller	461nm	100s	$5.1 \times 10^{-3} \text{J}$	$6.5 \times 10^{-3} \text{J}$	Pass
Retinal thermal hazard:						
1#	Red LED on Unmanned Aerial Vehicle	633nm	100s	$1.5 \times 10^{-6} \text{W}$	$3.4 \times 10^{-3} \text{W}$	Pass
2#	Blue LED on Unmanned Aerial Vehicle	457nm	100s	$1.6 \times 10^{-6} \text{W}$	$3.9 \times 10^{-3} \text{W}$	Pass
3#	Blue LED on controller	461nm	100s	$1.3 \times 10^{-7} \text{W}$	$3.6 \times 10^{-3} \text{W}$	Pass

Sample photo(s):



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End of Report