



中国认可  
国际互认  
检测  
TESTING  
CNAS L5950

## Test Report

No.: SPF20034614

Date: Sep. 15, 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

Labeled age grading : 8+

Age group applied in testing: 8+

Sample received date: Sep. 09, 2020

Testing period: From Sep. 09, 2020 to Sep. 15, 2020

Test conclusion:

Summary

ASTM F963-17 Mechanical and Physical Properties

ASTM F963-17 Flammability

ASTM F963-17 Toxic Elements Test

US ASTM F963-17, Clause 4.3.5.2-Heavy Metal in Substrate Materials

Result

Pass

Pass

Pass

Tested by : Ethen  
Yang Kaishan, Ethen

Inspected by : Wenly  
Zhang WenXia, Wenly

Approved by : Jee  
Zhang Feng, Jee  
Lab Manager



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### 1. Mechanical and Physical Properties:

Section	Description	Result
4	Safety Requirements	
4.1	Material quality (by visual assessment) .....	Pass
4.11	Nails and Fastens .....	Pass
4.21	Projectile Toys .....	Pass
4.25	Battery – Operated Toys .....	Pass
5	Labeling Requirement	
5.2	Age Grading Labeling.....	Pass
5.3	Safety labeling requirements.....	Pass
6	Instructional Literature	
6.5	Battery – Operated Toys .....	Pass
7	Producer's marking	
7.1	Producer's marking.....	NC
	Producer's marking – Address on toy or package	
	(Remark: It is drawn to your attention that either a principal component of a toy or the package of a toy shall be marked with the name and address of the producer or the distributor.)	

#### Note:

- (1) The submitted samples were undergone the tests in accordance with section 8.5 through section 8.19 and 8.21 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.
- (2) Only applicable clauses were shown.
- (3) NC = Not Conducted (According to customer requirement, no evaluation of this clause)

### 2. Flammability:

Test of materials other than textile materials.

As per section 4.2 of the ASTM standard consumer safety specification on toy safety F963-17.

Sample	Ignition point	Burn length (Inch)	Time (Sec)	Burn rate (Inch/Sec)	Limit (Inch/Sec)
Propeller	Edge	0	5	DNI	0.10

#### Note:

- (1) All styles of the submitted toy samples and its accessories were tested, the above result only showed the most severe burn rate.
- (2) DNI = Did Not Ignite

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### 3. Toxic Elements analysis:

With reference to 8.3 in ASTM F963-17, CPSC-CH-E1002-08.3, by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES) analysis.

Sample No. Item(s)	Result (mg/kg)						Report limit (mg/kg)	Limit (mg/kg)
	1	2	3	4	5	6		
Lead (Pb)	ND.	ND.	ND.	ND.	ND.	ND.	10	100
Soluble Lead (Pb)	ND.	ND.	ND.	ND.	ND.	ND.	5	90
Soluble Barium (Ba)	ND.	ND.	ND.	ND.	ND.	ND.	50	1000
Soluble Cadmium (Cd)	ND.	ND.	ND.	ND.	ND.	ND.	2	75
Soluble Chromium (Cr)	ND.	ND.	ND.	ND.	ND.	ND.	2	60
Soluble Mercury (Hg)	ND.	ND.	ND.	ND.	ND.	ND.	5	60
Soluble Antimony (Sb)	ND.	ND.	ND.	ND.	ND.	ND.	5	60
Soluble Selenium (Se)	ND.	ND.	ND.	ND.	ND.	ND.	5	500
Soluble Arsenic (As)	ND.	ND.	ND.	ND.	ND.	ND.	2	25

### Tested component(s):

Code	Specimen name	Code	Specimen name
1	Light gray plastic (aircraft)	4	Blue transparent plastic (weight:66.2mg)
2	Black plastic (propeller)	5	Black plastic (remote control)
3	Red transparent plastic (weight:24.1mg)	6	Black plastic (wire skin of USB)

### Note:

(1) As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

(2) mg/kg = ppm = part per million.

(3) ND. = Not detected (less than report limit).

(4) Elements Migration results of eight elements shown are of the adjusted analytical results.

(5) Migration results: The toy material samples with sample weight less than 100 mg were assumed to be 100 mg in calculation. Actual weight of sample(s) used for analysis which are less than 100 mg.

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Sample photo(s):



\*\*\*End of Report\*\*\*

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