

# XRF Test Report

Report No.:SZR0902203880110

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**Applicant** :SHENZHEN ART-TECH R/C HOBBY CO. LTD.

**Address** :3/F, NO.1 WANYELONG INDUSTRIAL PARK, LIYUAN INDUSTRIAL AREA,  
TANGTOU VILLAGE, SHIYAN TOWN, BAOAN DISTRICT, SHENZHEN CHINA

**Report on the submitted samples said to be:**

Sample Name :K-22  
Sample Received Date :Feb. 20, 2009  
Testing Period :Feb. 20, 2009 to Mar. 16, 2009

**Test Requested** :As specified by client, to determine the Lead, Mercury, Cadmium,  
Chromium and Bromine content in the submitted sample by XRF.

**Test Equipment** :XRF

**Part Names:** Please refer to the following page(s).

**Test Results:** Please refer to the following page(s).

**Conclusion:**When tested as specified, the results shown on the report do not  
exceed the required limit of EU RoHS amending Directive  
2002/95/EC notified under 2005/618/EC.

Tested by

  
  
Technical Manager

Inspected by



Approved by

Date

Mar. 16, 2009

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## K-22

No.	Part Names	Subsection Items	Sample Description
1	Zinc plating of the nut	Plating face	Silver color plating
2		Material	Metal base
3	Black nickel plating of the screw	Plating face	Black plating
4		Material	Metal base
5	Nickel plating of the screw	Plating face	Silver color plating
6		Material	Metal base
7	Aluminium linkage rod of motor's cover/Sleeve parts of the main shaft	/	Metal base
8	Driven arm/Cable clip/Ball buckle of balance bar/Rotor head mount holder/Main rotor wing grip	/	Black plastic
9	Main gear	/	White plastic
10	Battery cover/Fuselage/Fuselage over lay	/	Black plastic
11	Pilot	Body plastic	Beige-white plastic with dark green coating
12	Wheel/Front cover of wheel/Instrumentation station/Wheel cover	/	Black plastic
13	Pilot chair/Fixed cover of motor/Balance bar cover/Rotor head mount/Blade/Rotor head	/	Black plastic
14	Tail holder/Tail blade	/	Black plastic
15	Wheel cover linkage CF bar/Linkage CF bar for balance bar	/	Black solid

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**Test Results:**

Tested Items	Content (mg/kg)			
	Sample No.1	Sample No.2	Sample No.3	Sample No.4
Lead (Pb)	<50	<50	$1.7 \times 10^2$	<50
Mercury (Hg)	<50	<50	<50	<50
Cadmium (Cd)	<50	<50	<50	<50
Chromium (Cr)	<50	<50	<50	<50
Bromine (Br)	/	/	/	/

Tested Items	Content (mg/kg)			
	Sample No.5	Sample No.6	Sample No.7	Sample No.8
Lead (Pb)	<50	<50	93	<10
Mercury (Hg)	<50	<50	<50	<10
Cadmium (Cd)	<50	<50	<50	<10
Chromium (Cr)	89	<50	<50	26
Bromine (Br)	/	/	/	17

Tested Items	Content (mg/kg)			
	Sample No.9	Sample No.10	Sample No.11	Sample No.12
Lead (Pb)	<10	<10	<10	<10
Mercury (Hg)	<10	<10	<10	<10
Cadmium (Cd)	<10	<10	<10	<10
Chromium (Cr)	<10	29	<10	39
Bromine (Br)	<10	<10	22	<10

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**Test Results:**

Tested Items	Content (mg/kg)		
	Sample No.13	Sample No.14	Sample No.15
Lead (Pb)	<10	<10	<10
Mercury (Hg)	<10	<10	<10
Cadmium (Cd)	<10	<10	<10
Chromium (Cr)	<10	31	<10
Bromine (Br)	<10	<10	<10

**Note** : -mg/kg = ppm = parts per million

**Remark:** 1. Testing results are used for reference only.

2. According to the client's declaration:

The test results of sample No.1~2 copy from sample No.22~23 of the test report (Report No.SZR0902203880102)

The test results of sample No.3 copy from sample No.13 of the test report (Report No.SZR0902203880103)

The test results of sample No.4、 6 copy from sample No.18 of the test report (Report No.SZR0902203880102)

The test results of sample No.5 copy from sample No.17 of the test report (Report No.SZR0902203880102)

The test results of sample No.7 copy from sample No.19 of the test report (Report No.SZR0902203880103)

The test results of sample No.8 copy from sample No.9 of the test report (Report No.SZR0902203880102)

The test results of sample No.9 copy from sample No.17 of the test report (Report No.SZR0902203880101)

The test results of sample No.13 copy from sample No.2 of the test report (Report No.SZR0902203880102)

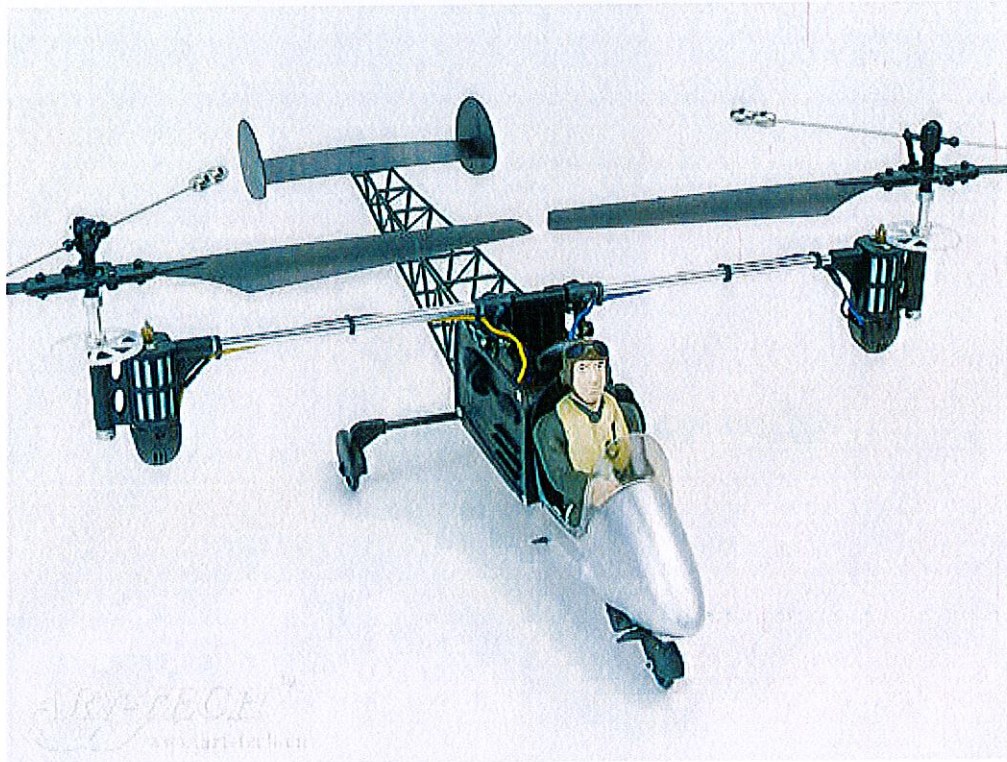
The test results of sample No.15 copy from sample No.12 of the test report (Report No.SZR0902203880103)

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### Photo of the sample



\*\*\* End of report \*\*\*

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