

## XRF Test Report

Report No.: SZR06101929027

Date: Oct. 25, 2006

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**Client** : SHEN ZHEN ART-TECH ELECTRONIC TECHNOLOGY CO., LTD

**Address** : 3F, NO.2 BAI WANG 2ND INDUSTRIAL PARK, BAIMANG, XILI TOWN, NAN SHAN DISTRICT, SHEN ZHEN CITY, P.R. CHINA

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

Sample Name : YAK-54

Part No. : 6901

Main Substance : EPS、ABS、PP、STEEL 等

Sample Received Date : Oct. 19, 2006

Completed Date : Oct. 25, 2006

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

Test Equipment : XRF

### YAK-54

NO.	Parts Name	Subsection items	Tested Component Description
1	k-1	Main wing set	White gemel sticker
			White tape
2	k-2	Fuselage set	White EPS foam
			White foam
3	k-3		Brown cabin cover
			Brown plastic sheet
4	k-5		Insert batten/groove
			Brown-yellow wood
5	k-6		Narrow sticker
			White tape
6	k-7		Panel sticker
			Deep gray tape
7	k-9		High temp. Pastern
			Beige tape
8	k-10	Nose cone	Yellow PVC cover
			Yellow plastic sheet
9	k-12	Yellow wheel cover	
			Yellow plastic
10	k-13	Black plastic hook	
			Black plastic
11	k-15	Steel wire collet	
			Beige plastic
12	k-16	Undercarriage steel wire(rear)	
			Black metal
13	k-18	Screwdriver	Screwdriver metal pole
			Siver colour metal
14	k-19		Screwdriver plastic handle
			Semi-transparent plastic with red coating and silver colour printing
15	k-20	Wrench	
			Silver colour metal

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NO.	Parts Name	Subsection items	Tested Component Description
16	k-21	Plastic servo rocker	White plastic
17	k-22	Batten in bracket	Yellow wood
18	k-23	White wheel cover	White plastic
19	k-24	Red riband	Red fabric
20	k-26	Screw accessories	Nylon screw
21	k-27		Nut
22	k-28		Little nut
23	k-29		Self-tapping screw (wide tooth)
24	k-30		Machine screw (thin tooth)

### Test Results:

Tested Items	Contents			
	Sample 1	Sample 2	Sample 3	Sample 4
Lead (Pb)	<10ppm	<10ppm	<10ppm	<10ppm
Mercury (Hg)	<10ppm	<10ppm	<10ppm	<10ppm
Cadmium (Cd)	<10ppm	<10ppm	<10ppm	<10ppm
Chromium (Cr)	<10ppm	<10ppm	<10ppm	<10ppm
Bromine (Br)	$1.9 \times 10^2$ ppm	<10ppm	<10ppm	<10ppm

Tested Items	Contents			
	Sample 5	Sample 6	Sample 7	Sample 8
Lead (Pb)	11ppm	11ppm	<10ppm	<10ppm
Mercury (Hg)	<10ppm	<10ppm	<10ppm	<10ppm
Cadmium (Cd)	<10ppm	<10ppm	<10ppm	<10ppm
Chromium (Cr)	<10ppm	<10ppm	<10ppm	<10ppm
Bromine (Br)	51ppm	46ppm	<10ppm	<10ppm

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**Test Results:**

Tested Items	Contents			
	Sample 9	Sample 10	Sample 11	Sample 12
Lead (Pb)	<10ppm	<10ppm	<10ppm	$1.0 \times 10^2$ ppm
Mercury (Hg)	<10ppm	<10ppm	<10ppm	<50ppm
Cadmium (Cd)	<10ppm	<10ppm	<10ppm	<50ppm
Chromium (Cr)	<10ppm	<10ppm	<10ppm	<50ppm
Bromine (Br)	<10ppm	13ppm	<10ppm	/

Tested Items	Contents			
	Sample 13	Sample 14	Sample 15	Sample 16
Lead (Pb)	<50ppm	<10ppm	<50ppm	<10ppm
Mercury (Hg)	$1.0 \times 10^2$ ppm	<10ppm	<50ppm	<10ppm
Cadmium (Cd)	<50ppm	<10ppm	<50ppm	<10ppm
Chromium (Cr)	$2.0 \times 10^2$ ppm	27ppm	$1.0 \times 10^2$ ppm	<10ppm
Bromine (Br)	/	<10ppm	/	<10ppm

Tested Items	Contents			
	Sample 17	Sample 18	Sample 19	Sample 20
Lead (Pb)	<10ppm	25ppm	<10ppm	<10ppm
Mercury (Hg)	<10ppm	<10ppm	<10ppm	<10ppm
Cadmium (Cd)	<10ppm	<10ppm	<10ppm	<10ppm
Chromium (Cr)	<10ppm	<10ppm	<10ppm	<10ppm
Bromine (Br)	15ppm	<10ppm	<10ppm	<10ppm

Tested Items	Contents			
	Sample 21	Sample 22	Sample 23	Sample 24
Lead (Pb)	<50ppm	<50ppm	$1.0 \times 10^2$ ppm	<50ppm
Mercury (Hg)	<50ppm	<50ppm	<50ppm	<50ppm
Cadmium (Cd)	<50ppm	<50ppm	<50ppm	<50ppm
Chromium (Cr)	<50ppm	$2.0 \times 10^2$ ppm	$3.0 \times 10^2$ ppm	$3.0 \times 10^2$ ppm
Bromine (Br)	/	/	/	/

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TNote: -ppm=mg/kg=parts per million

**Testing results are used for reference only!**

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

Written by Kevin  
Tested by Sunny  
Lee  
Jing

Inspected by Danny  
Approved by Jacky Chan  
Position Manager  
Date Oct. 25, 2006



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CTI Physical & Chemical Lab.



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