



# TEST REPORT

**Report No.** ..... : WTF24F07159981A1X1C  
**Applicant** ..... : Mid Ocean Brands B.V.  
**Address** ..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong  
**Manufacturer** ..... : 114320  
**Sample Name** ..... : WIFI foldable drone  
**Sample Model** ..... : MO9379  
**Test Requested** ..... : Refer to next page (s)  
**Test Method** ..... : Refer to next page (s)  
**Test Conclusion** ..... : **Pass** (please refer to next pages for details)  
**Date of Receipt sample** ..... : 2024-07-08 & 2024-07-17 & 2024-07-30 & 2024-10-28  
**Testing period** ..... : 2024-07-08 to 2024-08-16 & 2024-10-28 to 2024-10-31  
**Date of Issue** ..... : 2024-10-31  
**Test Result** ..... : Refer to next page (s)  
**Note** ..... : This report is based on Waltek test report WTF24F07159981A1C for revising, and replaced report WTF24F07159981A1C.

**Prepared By:**

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Signed for and on behalf of  
Waltek Testing Group (Foshan) Co., Ltd.

*Swing Liang*

Swing.Liang



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### Summary

Item No.	Test Requested	Test Conclusion
1	Determination of specified Phthalates content according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005	Pass
2	Determination of specified Polycyclic Aromatic Hydrocarbons (PAHs) content in submitted sample in accordance with Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013.	Pass
3	Determination of Benzene content in the submitted sample in accordance with Annex XVII Entries 5 of the REACH Regulation (EC) No. 1907/2006 and the Amendment (EU) No. 2015/1494	Pass

### Sample photo:







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**Test Results:****1) Phthalates**

Test Method: With reference to EN14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Items	LOQ (%)	Results (%)		Limit (%)
		No.1+No.4+No.5	No.6+No.11+No.12	
Benzyl butyl phthalate (BBP)	0.005	ND*	ND*	sum of four phthalates < 0.1
Di (2-ethyl hexyl)- phthalate (DEHP)	0.005	ND*	ND*	
Dibutyl phthalate (DBP)	0.005	ND*	ND*	
Diisobutyl phthalate (DIBP)	0.005	ND*	ND*	
Diisodecyl phthalate (DIDP)	0.01	ND*	ND*	sum of three phthalates < 0.1
Diisononyl phthalate (DINP)	0.01	ND*	ND*	
Di-n-octyl phthalate (DNOP)	0.005	ND*	ND*	
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>	--

Test Items	LOQ (%)	Results (%)		Limit (%)
		No.14+No.32+No.33	No.28+No.29+No.30	
Benzyl butyl phthalate (BBP)	0.005	ND*	ND*	sum of four phthalates < 0.1
Di (2-ethyl hexyl)- phthalate (DEHP)	0.005	ND*	ND*	
Dibutyl phthalate (DBP)	0.005	ND*	ND*	
Diisobutyl phthalate (DIBP)	0.005	ND*	ND*	
Diisodecyl phthalate (DIDP)	0.01	ND*	ND*	sum of three phthalates < 0.1
Diisononyl phthalate (DINP)	0.01	ND*	ND*	
Di-n-octyl phthalate (DNOP)	0.005	ND*	ND*	
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>	--



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Test Items	LOQ (%)	Results (%)		Limit (%)
		No.109+No.110+ No.111	No.112+No.113	
Benzyl butyl phthalate (BBP)	0.005	ND*	ND*	sum of four phthalates < 0.1
Di (2-ethyl hexyl)- phthalate (DEHP)	0.005	ND*	ND*	
Dibutyl phthalate (DBP)	0.005	ND*	ND*	
Diisobutyl phthalate (DIBP)	0.005	ND*	ND*	
Diisodecyl phthalate (DIDP)	0.01	ND*	ND*	sum of three phthalates < 0.1
Diisononyl phthalate (DINP)	0.01	ND*	ND*	
Di-n-octyl phthalate (DNOP)	0.005	ND*	ND*	
Conclusion	--	Pass	Pass	--

**Note:**

DBP= Dibutyl phthalate

BBP= Benzyl butyl phthalate

DEHP= Bis-(2-ethylhexyl)- phthalate

DINP= Di-isononyl phthalate

DNOP= Di-n-octyl phthalate

DIDP= Di-isodecyl phthalate

DIBP= Diisobutyl phthalate

(1) % = percentage by weight

(2) ND = Not Detected or lower than limit of quantitation

(3) LOQ = Limit of quantitation

(4) "&lt;" = less than

(5) The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005 (formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

(6) "\*" = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.

(7) As specified by client, only test the designated sample.



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**2) Polycyclic Aromatic Hydrocarbons (PAHs)**

Test Method: With reference to AFPS GS 2019:01 PAK method, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS).

Test Items	Unit	Results	LOQ	Limit
		No.1+No.4+No.5		
Benzo(a)anthracene (BaA)	mg/kg	ND*	0.2	1.0
Chrysene (CHR)	mg/kg	ND*	0.2	1.0
Benzo[b]fluoranthene (BbFA)	mg/kg	ND*	0.2	1.0
Benzo[k]fluoranthene (BkFA)	mg/kg	ND*	0.2	1.0
Benzo(a)pyrene (BaP)	mg/kg	ND*	0.2	1.0
Dibenzo[a,h]anthracene (DBA <sub>h</sub> A)	mg/kg	ND*	0.2	1.0
Benzo[j]fluoranthene (BjFA)	mg/kg	ND*	0.2	1.0
Benzo[e]Pyrene (BeP)	mg/kg	ND*	0.2	1.0
Conclusion	--	Pass	--	--

Test Items	Unit	Results	LOQ	Limit
		No.6+No.11+No.12		
Benzo(a)anthracene (BaA)	mg/kg	ND*	0.2	1.0
Chrysene (CHR)	mg/kg	ND*	0.2	1.0
Benzo[b]fluoranthene (BbFA)	mg/kg	ND*	0.2	1.0
Benzo[k]fluoranthene (BkFA)	mg/kg	ND*	0.2	1.0
Benzo(a)pyrene (BaP)	mg/kg	ND*	0.2	1.0
Dibenzo[a,h]anthracene (DBA <sub>h</sub> A)	mg/kg	ND*	0.2	1.0
Benzo[j]fluoranthene (BjFA)	mg/kg	ND*	0.2	1.0
Benzo[e]Pyrene (BeP)	mg/kg	ND*	0.2	1.0
Conclusion	--	Pass	--	--





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Test Items	Unit	Results	LOQ	Limit
		No.14+No.32+No.33		
Benzo(a)anthracene (BaA)	mg/kg	ND*	0.2	1.0
Chrysene (CHR)	mg/kg	ND*	0.2	1.0
Benzo[b]fluoranthene (BbFA)	mg/kg	ND*	0.2	1.0
Benzo[k]fluoranthene (BkFA)	mg/kg	ND*	0.2	1.0
Benzo(a)pyrene (BaP)	mg/kg	ND*	0.2	1.0
Dibenzo[a,h]anthracene (DBAhA)	mg/kg	ND*	0.2	1.0
Benzo[j]fluoranthene (BjFA)	mg/kg	ND*	0.2	1.0
Benzo[e]Pyrene (BeP)	mg/kg	ND*	0.2	1.0
Conclusion	--	Pass	--	--

Test Items	Unit	Results	LOQ	Limit
		No.28+No.29+No.30		
Benzo(a)anthracene (BaA)	mg/kg	ND*	0.2	1.0
Chrysene (CHR)	mg/kg	ND*	0.2	1.0
Benzo[b]fluoranthene (BbFA)	mg/kg	ND*	0.2	1.0
Benzo[k]fluoranthene (BkFA)	mg/kg	ND*	0.2	1.0
Benzo(a)pyrene (BaP)	mg/kg	ND*	0.2	1.0
Dibenzo[a,h]anthracene (DBAhA)	mg/kg	ND*	0.2	1.0
Benzo[j]fluoranthene (BjFA)	mg/kg	ND*	0.2	1.0
Benzo[e]Pyrene (BeP)	mg/kg	ND*	0.2	1.0
Conclusion	--	Pass	--	--



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Test Items	Unit	Results		LOQ	Limit
		No.109+No.110+No.111	No.112+No.113		
Benzo(a)anthracene (BaA)	mg/kg	ND*	ND*	0.2	1.0
Chrysene (CHR)	mg/kg	ND*	ND*	0.2	1.0
Benzo[b]fluoranthene (BbFA)	mg/kg	ND*	ND*	0.2	1.0
Benzo[k]fluoranthene (BkFA)	mg/kg	ND*	ND*	0.2	1.0
Benzo(a)pyrene (BaP)	mg/kg	ND*	ND*	0.2	1.0
Dibenzo[a,h]anthracene (DBAhA)	mg/kg	ND*	ND*	0.2	1.0
Benzo[j]fluoranthene (BjFA)	mg/kg	ND*	ND*	0.2	1.0
Benzo[e]Pyrene (BeP)	mg/kg	ND*	ND*	0.2	1.0
Conclusion	--	Pass	Pass	--	--

**Note:**

- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg=milligram per kilogram=ppm
- (3) LOQ = Limit of quantitation
- (4) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs.
- (5) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the listed PAHs.
- (6) "\*" = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.
- (7) As specified by client, only test the designated sample.





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**3) Benzene**

Test Method: With reference to US EPA 3550C:2007&amp; US EPA 8270D: 2014, analysis was performed by GC-MS

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.1+No.4+No.5	No.6+No.11+No.12	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.14+No.15+No.17	No.18+No.20+No.23	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.28+No.29+No.30	No.32+No.33+No.34	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.36+No.37+No.38	No.40+No.52+No.54	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.56(R1)+No.57+No.58	No.63+No.64(R1)+No.66(R1)	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.68+No.69+No.70	No.72+No.73+No.74	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--





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Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.75+No.80+No.81	No.85(R1)+No.95+No.96	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.99(R1)+No.100(R1)+No.103	No.106+No.107+No.108(R1)	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.109+No.110+No.111	No.112+No.113+No.118	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.125+No.126+No.131	No.132(R1)+No.138(R1)	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.139+No.142+No.143	No.144+No.145+No.146	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.151+No.152+No.155	No.157+No.158+No.161	
Benzene <sup>#</sup>	1	ND*	ND*	5
Conclusion	--	Pass	Pass	--



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Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.163+No.164+No.167	No.168	
Benzene <sup>#</sup>	1	ND*	ND	5
Conclusion	--	Pass	Pass	--

**Note:**

(1) mg/kg = milligram per kilogram

(2) ND = Not Detected (lower than LOQ)

(3) LOQ = Limit of quantitation

(4) As per Annex XVII Items 5 of the REACH Regulation (EC) No. 1907/2006 and the Amendment (EU) No. 2015/1494, benzene shall not be used in toys or parts of toys where the concentration of benzene in the free state is greater than 5 mg/kg (0.0005 %) of the weight of the toy or part of toy.

(5) “\*” = As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.

(6) As specified by client, only test the designated sample.

(7) The testing item marked with “<sup>#</sup>” does not been accredited by CNAS**Description for Specimen:**

Specimen No.	Specimen Description
1	Black plastic shell
4	Transparent plastic handle
5	Black sponge adhesive tape
6	Black plastic shell
11	Black plastic wire jacket
12	Black plastic shell (plug)
14	Black plastic shell (plug)
15	White plastic shell (plug)
17	White plastic wire covering
18	Green plastic wire covering
20	Black plastic core (plug)
23	Black plastic jacket (plug)
28	Black plastic sheet
29	Black plastic shell
30	White coating





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Specimen No.	Specimen Description
32	Black soft plastic foot pads
33	Black plastic shell
34	White plastic wire covering
36	Blue plastic wire covering
37	Black plastic wire covering
38	Red plastic wire covering
40	Transparent plastic wire covering
52	Off-white plastic shell (socket)
54	Transparent body (LED)
56(R1)	Black heat-shrinkable tube (LED)
57	Yellow plastic part (button)
58	Black plastic shell(button)
63	Coppery varnished wire
64(R1)	Grey plastic part
66(R1)	Transparent lubricating oil
68	Black plastic shell
69	White plastic shell
70	Red plastic wire covering
72	Transparent plastic adhesive tape
73	White paper adhesive tape
74	Transparent plastic sheet
75	Black plastic wire covering
80	Black heat-shrinkable tube
81	Grey plastic wire covering
85(R1)	White fabric wire
95	Black plastic sheet (socket)
96	Black plastic shell (socket)
99(R1)	Black plastic sheet
100(R1)	Brown FPC



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Specimen No.	Specimen Description
103	Black plastic shell
106	Transparent plastic sheet
107	Black plastic gasket
108(R1)	Black paper gasket
109	White plastic shell
110	Black plastic part
111	Black plastic shell
112	Black plastic shell
113	Red plastic shell
118	Black plastic shell
125	Black plastic wire covering
126	Red plastic wire covering
131	Black plastic shell
132(R1)	Green plastic sheet
138(R1)	Black plastic part (button)
139	Black plastic shell (button)
142	Red body (LED)
143	Dark green plastic shell
144	Black plastic film(electrolytic capacitor)
145	Black rubber stopper(electrolytic capacitor)
146	Brown paper(electrolytic capacitor)
151	Black plastic part (button)
152	Brown plastic sheet (button)
155	Green plastic shell
157	Brown plastic sheet
158	White plastic shell
161	White plastic shell
163	Green plastic shell
164	Blue plastic shell



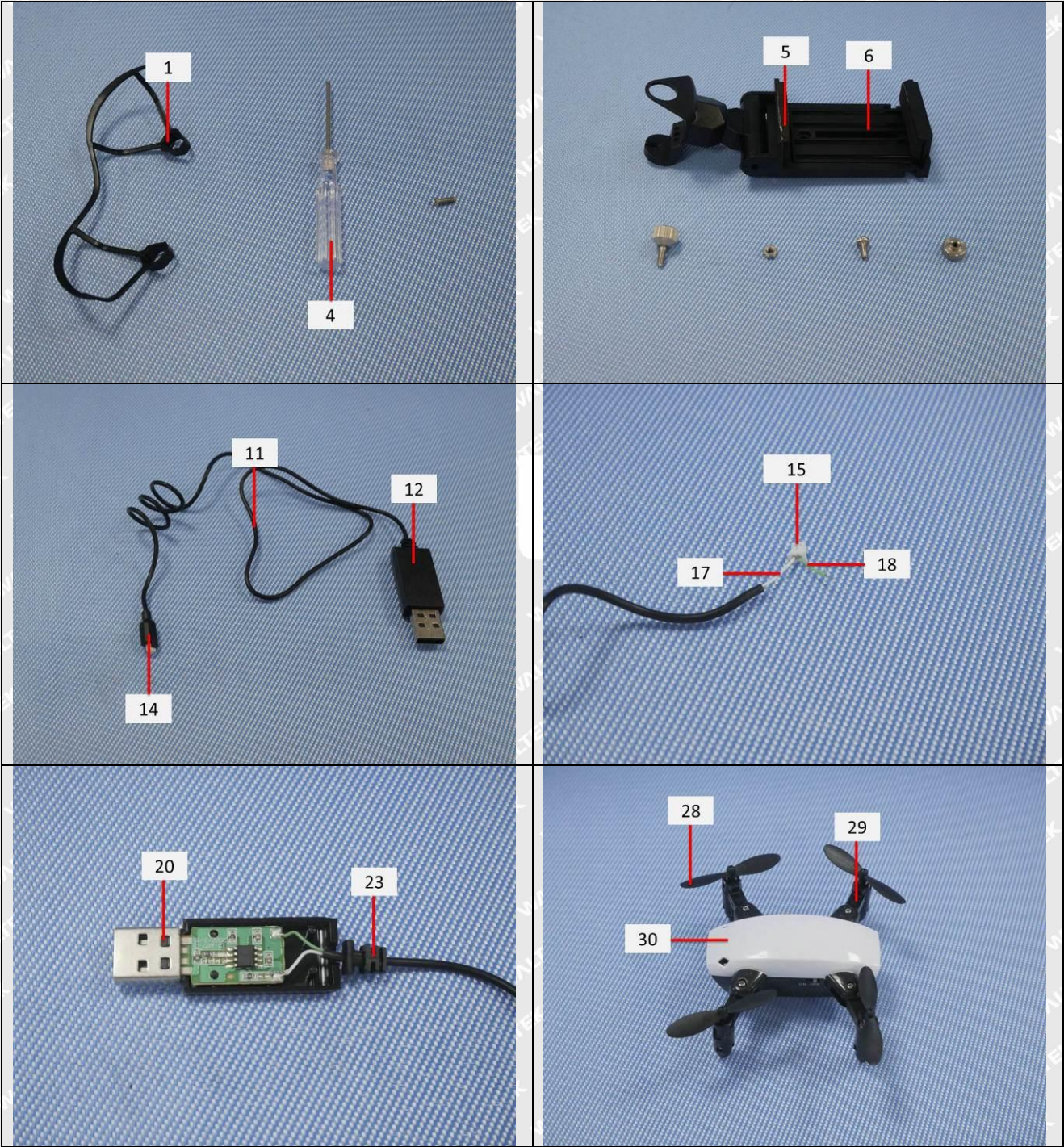


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Specimen No.	Specimen Description
167	Off-white plastic shell
168	White plastic shell

Photograph of parts tested:

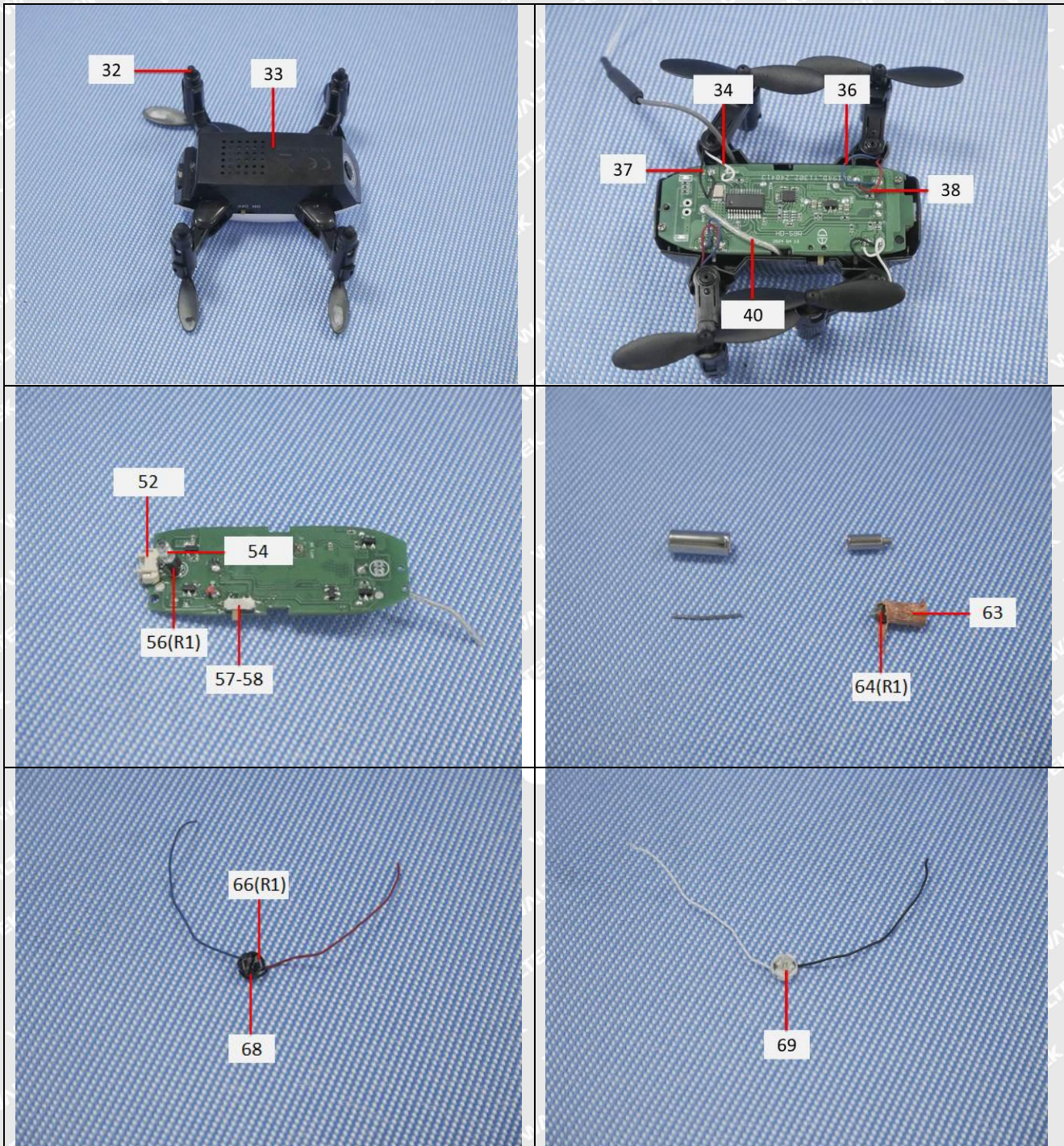






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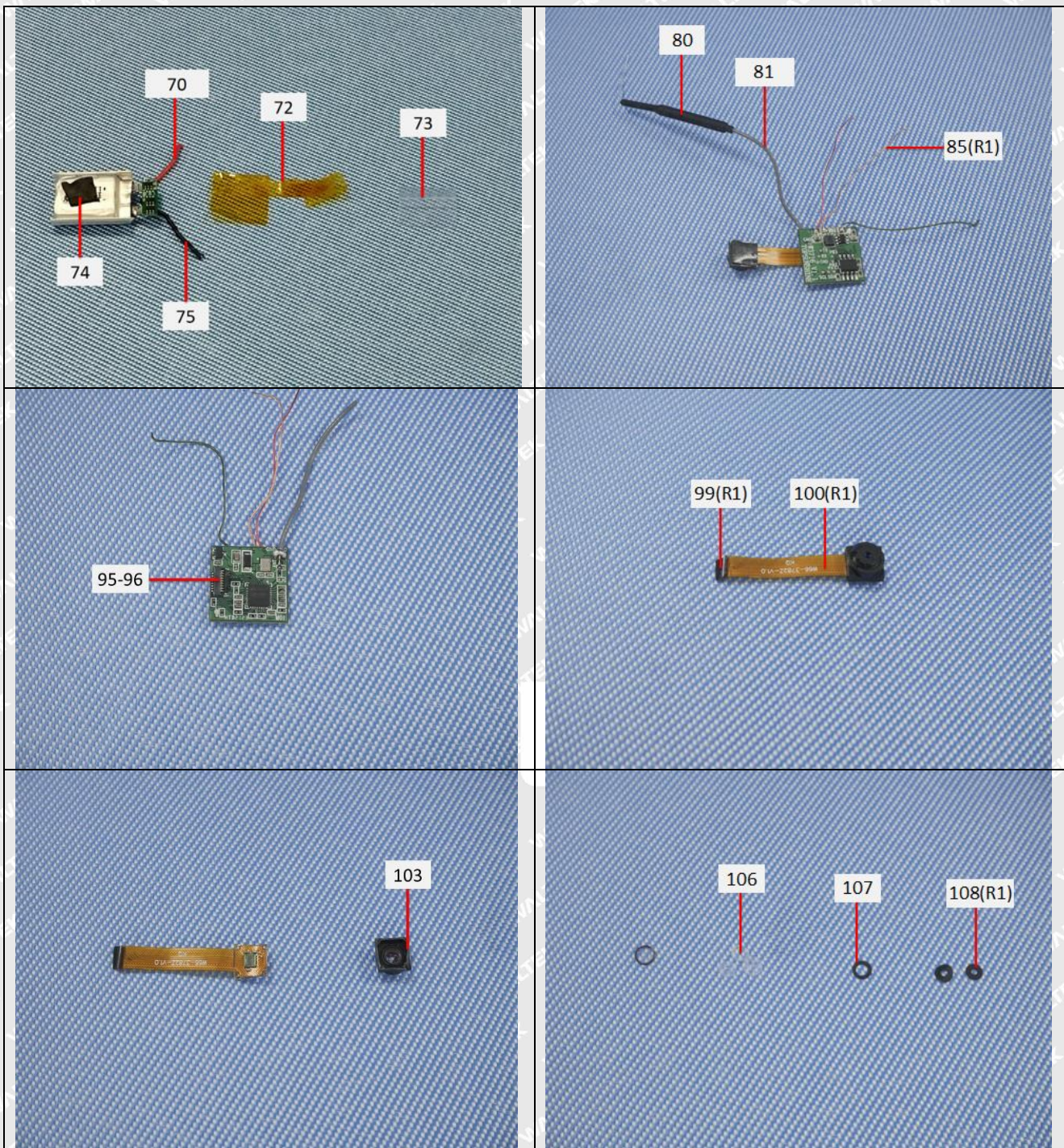






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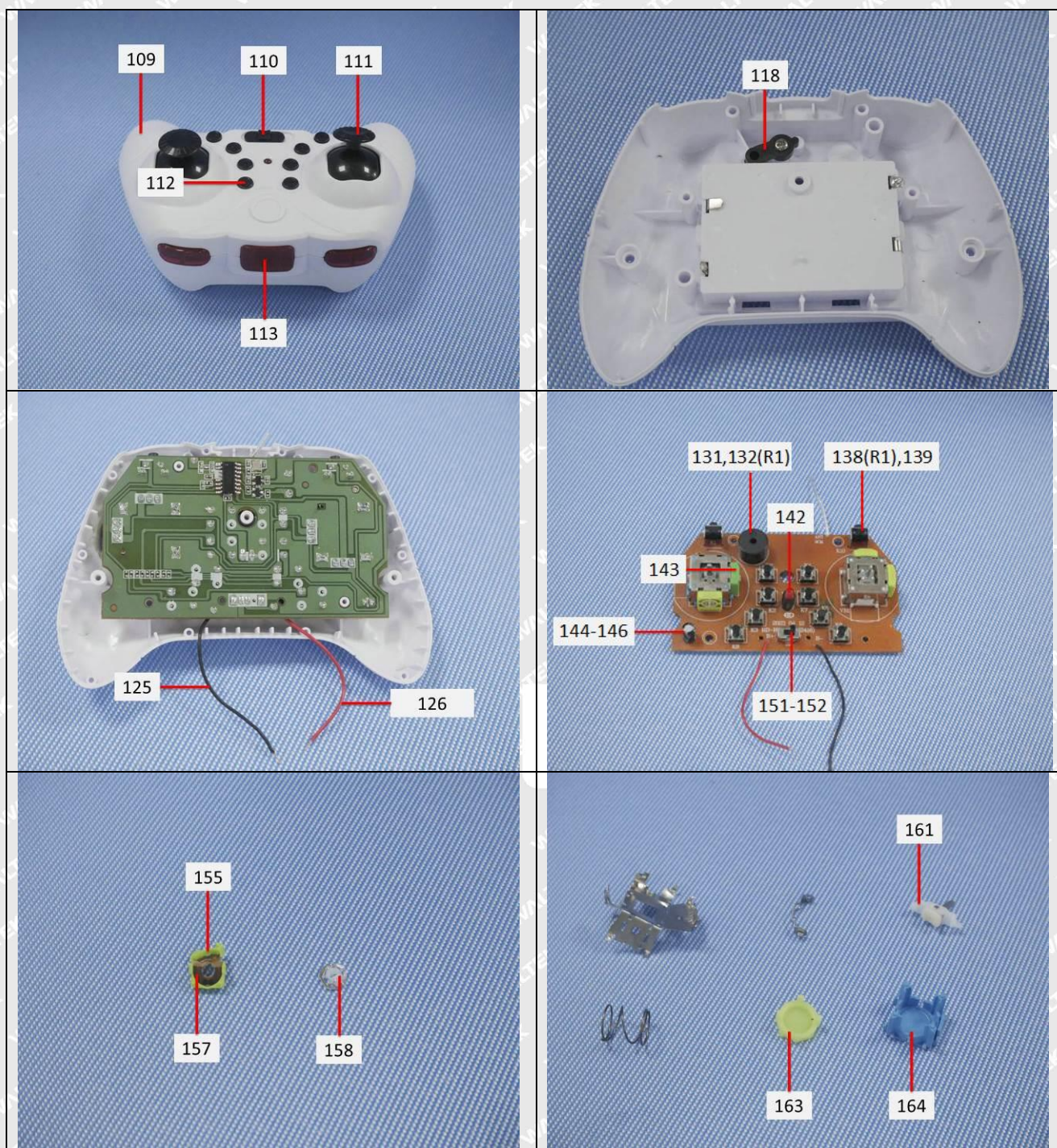






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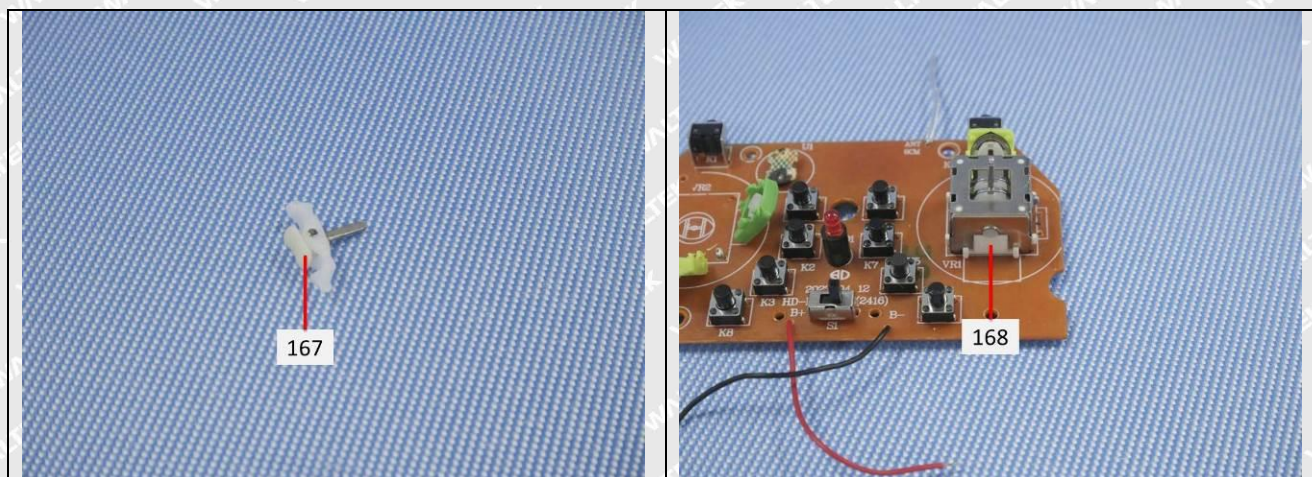






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===== End of Report =====