



April 13 2018

## Statistics on scrambles through fiscal year 2017

### 1. Overall

Air Self-Defense Force (ASDF) fighter aircrafts were scrambled 904 times in FY2017 in total, which marked a decrease of 264 times compared to the same period of the previous year.

The breakdown of scrambles by countries and regions was about 55% against Chinese aircraft, about 43% against Russian aircraft, and 2% against other aircraft although the countries and regions include estimation.

### 2. Breakdown of Scrambles by Regional Air Defense Force

In FY2017, fighter aircrafts of the Northern Air Defense Force were scrambled 330 times, those of the Central Air Defense Force 56 times, those of the Western Air Defense Force 41 times, and those of the Southwestern Air Defense Force 477 times.

Compared to the previous fiscal year, the number of scrambles by Northern Air Defense Force and the Central Air Defense Force were increased, the Western Air Defense Force and the Southwestern Air Defense Force were decreased.

### 3. Characteristics of Responses in FY2017

ASDF fighter aircrafts were scrambled 500 times against Chinese aircrafts, which marked a decrease of 351 times compared to the previous fiscal year. In FY2017, a total of 43 cases (an increase of 17 cases compared to the previous fiscal year.), including the case of flight of H-6s bomber aircrafts that flew from the East China Sea to the Pacific Ocean (off the Kii Peninsula) and flight of fighter aircrafts that flew from the East China Sea to the Japan Sea through Tsushima Strait for the first time, were made public as unusual flights.

ASDF fighter aircrafts were scrambled 390 times against Russian aircraft, an increase of 89 times compared to the previous fiscal year. In FY2017, a total of 21 cases (an increase of 12 cases compared to the previous fiscal year.), including the cases of Long-range flight of Tu-95 bomber aircrafts that flew around Japan, were made public as unusual flights.

Scrambles against Chinese fighter aircraft and Russian bomber aircraft were outstanding in frequency compared to other types of aircraft of each country, although this includes estimation.

The data above was collected between April 1, 2017, and March 31, 2018

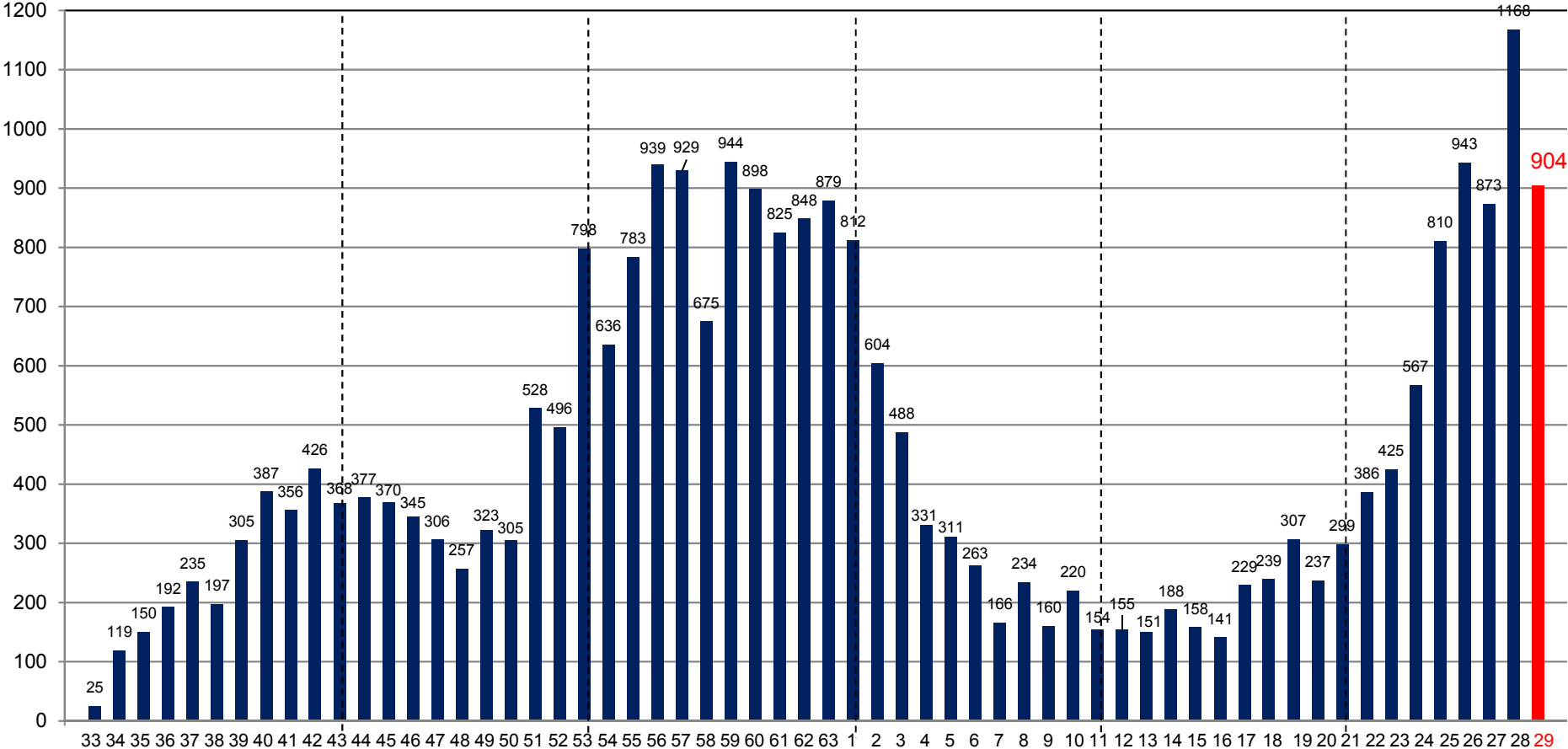
### Reference

1. Number of Scrambles by Fiscal Year
2. Number of Scrambles by Regional Air Defense Force (Past Five Years)
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# Number of Scrambles by Fiscal Year

(As of March 31, 2018)

(Times)

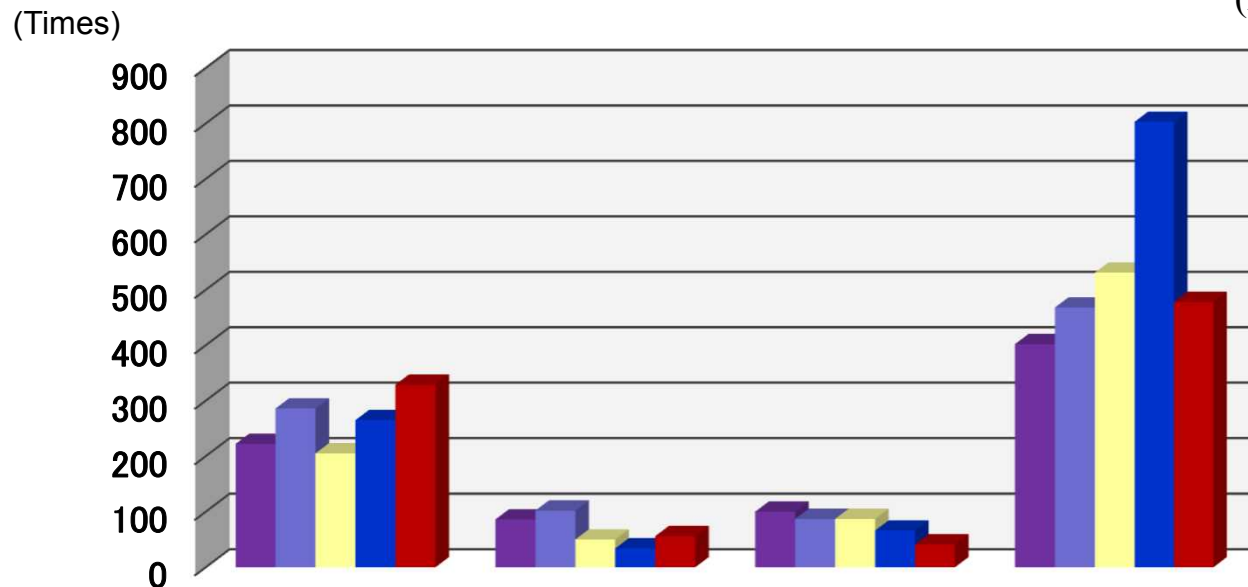


The data above was collected between April 1, 1958, and March 31, 2018

(FY)

## Number of Scrambles by Regional Air Defense Force (Past Five Years)

(As of March 31, 2018)



	Northern Air Defense Force	Central Air Defense Force	Western Air Defense Force	Southwestern Air Defense Force	Total
<span style="color: purple;">■</span> FY2013	222	86	100	402	810
<span style="color: blue;">■</span> FY2014	286	102	87	468	943
<span style="color: yellow;">■</span> FY2015	205	50	87	531	873
<span style="color: darkblue;">■</span> FY2016	265	34	66	803	1168
<span style="color: red;">■</span> FY2017	330	56	41	477	904

## Number of Scrambles by Country/Region (Past Five Years)

(As of March 31, 2018)

Country/ Region FY	Russia	China	Taiwan	North Korea	Other countries	Total
2013	359	415	1	9	26	810
2014	473	464	1	0	5	943
2015	288	571	2	0	12	873
2016	301	851	8	0	8	1168
2017	390	500	3	0	11	904

※ The number of times of scrambles by country/region includes some unconfirmed cases.

## Number of Scrambles by Quarter (FY2017)

(As of March 31, 2018)

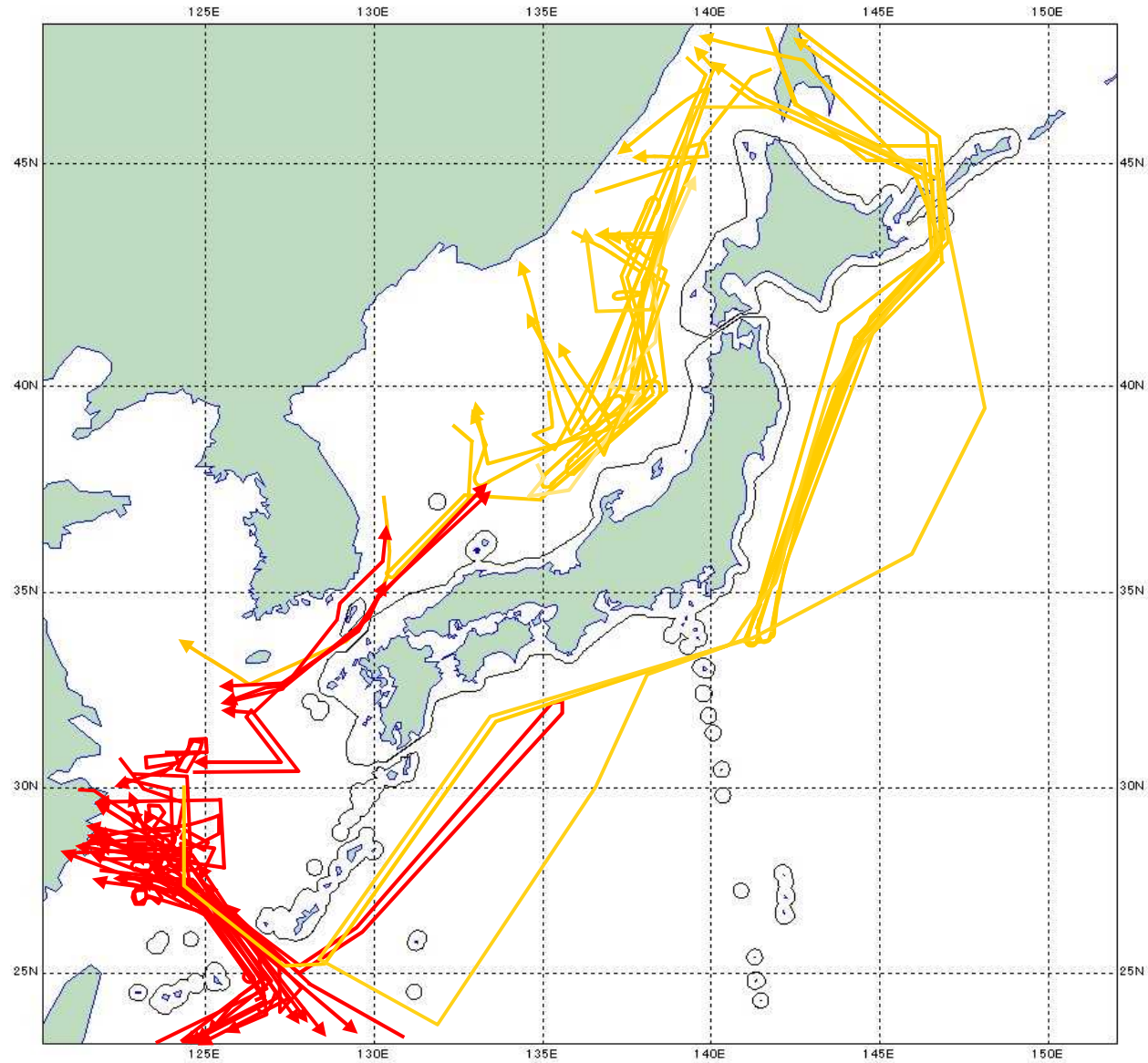
### 1. Number of Scrambles by Regional Air Defense Force

	Northern Air Defense Force	Central Air Defense Force	Western Air Defense Force	Southwestern Air Defense Force	Total
1 <sup>st</sup> Quarter	94	26	6	103	229
2 <sup>nd</sup> Quarter	135	8	11	178	332
3 <sup>rd</sup> Quarter	52	10	11	102	175
4 <sup>th</sup> Quarter	49	12	13	94	168
Total	330	56	41	477	904

### 2. Number of Scrambles by Country/Region

	Russia	China	Taiwan	North Korea	Other countries	Total
1 <sup>st</sup> Quarter	125	101	0	0	3	229
2 <sup>nd</sup> Quarter	142	186	1	0	3	332
3 <sup>rd</sup> Quarter	61	108	2	0	4	175
4 <sup>th</sup> Quarter	62	105	0	0	1	168
Total	390	500	3	0	11	904

# Example Flight Patterns of Russian and Chinese Aircraft to Which Scrambles Responded

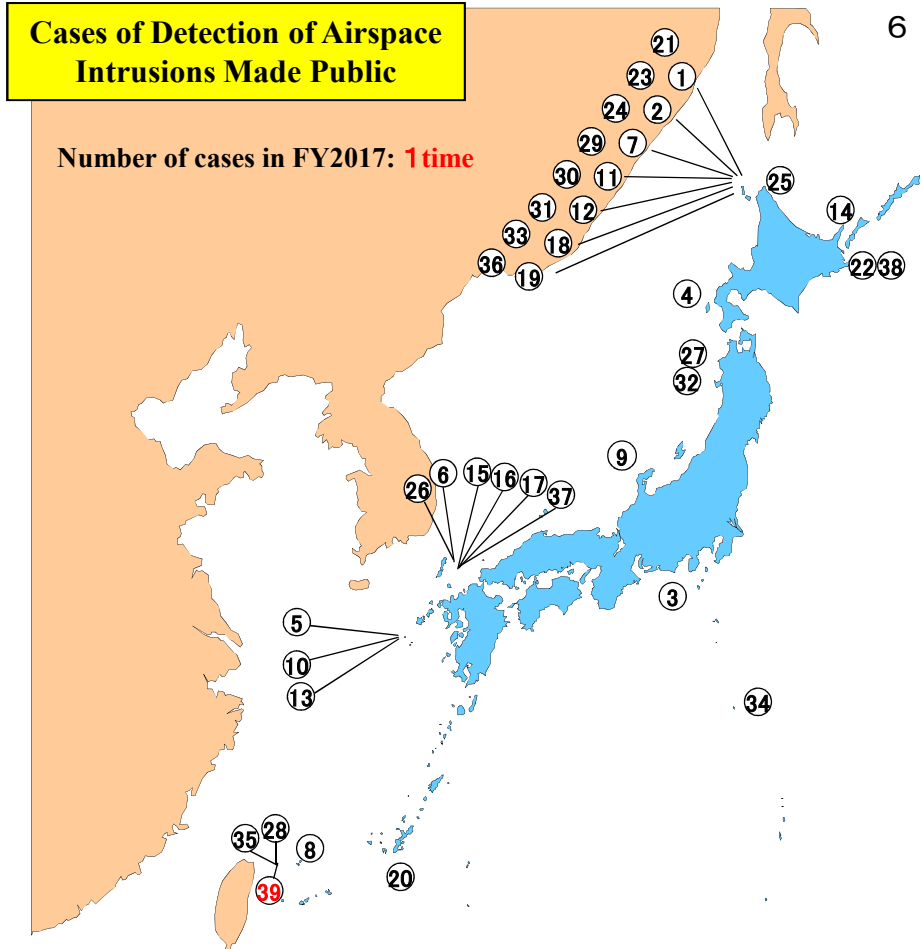


→ : Route of Chinese aircraft

→ : Route of Russian aircraft

No.	Date	Point of Territory Invasion	Country/Region	Type of Aircraft × Number of Aircraft
1	1967.8.19	Over Rebuton Island, Hokkaido	The Soviet Union (USSR)	unknown × 1
2	1974.2.7	Over Rebuton Island, Hokkaido	USSR	unknown × 1
3	1975.9.24	Over the territorial waters between Shikine Island and Kodu Island of the Izu Islands	USSR	TU-95 × 2
4	1976.9.6	Over from off Cape Motta, Hokkaido to Hakodate Airport (MIG-25 incident)	USSR	MIG-25 × 1
5	1977.9.7	Over the territorial waters northwestward of Shirase Island, in the western of the Goto Islands	USSR	TU-95 × 2
6	1978.3.17	Over the territorial waters eastward of Tsushima Islands	USSR	TU-95 × 1
7	1978.12.5	Over the territorial waters northward of Rebuton Island, Hokkaido	USSR	unknown × 1
8	1979.11.15	Over the territorial waters southward of Taisho Island of the Senkaku Islands	USSR	TU-95 × 2
9	1980.6.29	Over the territorial waters northeastward of Hegura Island, in the north of the Noto Peninsula	USSR	IL-38 × 2
10	1980.8.18	Over the territorial waters southeastward of the Goto Islands	USSR	IL-62 × 1
11	1981.6.6	Over the territorial waters northward of Rebuton Island, Hokkaido	USSR	IL-14 × 1
12	1981.7.24	Over the territorial waters northward of Rebuton Island, Hokkaido	USSR	unknown × 1
13	1982.4.3	Over the territorial waters westward of Torishima Island of the Danjo Islands, Nagasaki Prefecture	USSR	IL-62 × 1
14	1983.10.15	Over the territorial waters in the northeastward of the Shiretoko Cape, Hokkaido	USSR	unknown × 2
15	1983.11.15	Over the territorial waters northwestward of Okinoshima Island, Fukuoka Prefecture	USSR	TU-16/95 × 1 each
16	1984.11.12	Over the territorial waters northwestward of Okinoshima Island, Fukuoka Prefecture	USSR	TU-16 × 1
17	1984.11.23	Over the territorial waters northwestward of Okinoshima Island, Fukuoka Prefecture	USSR	TU-95/142 × 1 each
18	1986.2.6	Over the territorial waters northward of Rebuton Island, Hokkaido	USSR	unknown × 1
19	1987.8.27	Over the territorial waters westward of Rebuton Island, Hokkaido	USSR	unknown × 1
20	1987.12.9	Over the Okinawa Main Island and the territorial waters between Tokunoshima Island and Okinoerabu Island	USSR	TU-16 × 1
21	1989.4.21	Over the territorial waters northward of Rebuton Island, Hokkaido	USSR	unknown × 1
22	1991.7.6	Over the territorial waters southward of the Nemuro Peninsula, Hokkaido	USSR	AN-30 × 1
23	1991.8.15	Over the territorial waters northward of Rebuton Island, Hokkaido	USSR	TU-95 × 2
24	1992.4.10	Over Rebuton Island and the territorial waters northwestward of Wakkanai, Hokkaido	Russian Federation	AN-12 × 1
25	1992.5.7	Over the territorial waters off Esashi, Hokkaido	Russian Federation	unknown × 1
26	1992.7.28	Over the territorial waters eastward of Tsushima Islands, Nagasaki Prefecture	Russian Federation	TU-154 × 1
27	1993.8.31	Over the territorial waters westward of Kyurokujima Island, Aomori Prefecture	Russian Federation	IL-20 × 1
28	1994.3.25	Over the territorial waters of Uotsuri Island and Kuba Island of the Senkaku Islands	Taiwan	B-350 × 1
29	1995.3.23	Over the territorial waters of Rebuton Island, Hokkaido	Russian Federation	MIG-31 × 1
30	2001.2.14	Over the territorial waters of Rebuton Island, Hokkaido	Russian Federation	TU-22 × 2,

## Cases of Detection of Airspace Intrusions Made Public







No.	Date	Point of Territory Invasion	Country/Region	Type of Aircraft × Number of Aircraft
31	2001.4.11	Over the territorial waters northward of Rebuton Island, Hokkaido	Russian Federation	unknown × 1
32	2001.4.11	Over the territorial waters westward of Kyurokujima Island, Aomori Prefecture	Russian Federation	SU-24 × 1
33	2006.1.25	Over the territorial waters northward of Rebuton Island, Hokkaido	Russian Federation	AN-72 × 1
34	2008.2.9	Over the territorial waters of Sofugan, in the southern part of the Izu Islands	Russian Federation	TU-95 × 1
35	2012.1.2.13	Over the territorial waters southward of Uotsuri Island of the Senkaku Islands	China	Y-12 × 1
36	2013.2.7	Over the territorial waters southwestward of Rishiri Island, Hokkaido	Russian Federation	SU-27 × 2
37	2013.8.22	Over the territorial waters northwestward of Okinoshima Island, Fukuoka Prefecture	Russian Federation	TU-95 × 2
38	2015.9.15	Over the territorial waters off Nemuro Peninsula, Hokkaido	Estimated to be Russian Federation	unknown × 1
39	2017.5.18	around the Senkaku Islands of Japan	China	One drone-like object

## List of Cases Made Public in FY2017 (First Quarter ①)



	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
1	Tuesday, April 11, 2017	Russia Tu-95 Two aircrafts	Long-range flight over off Hokkaido passing through the Sea of Japan off the Noto Peninsula	
2		Russia Tu-142 Two aircrafts	Long-range flight over Sakhalin passing through the Pacific Ocean off the Boso Peninsula	
3		Russia IL-38 Two aircrafts	Long-range flight over off Sado island passing through the Sea of Japan off Hokkaido	
4	Wednesday, April 12, 2017	Russia Tu-95 Two aircrafts	Long-range flight over Sakhalin passing through the Pacific Ocean off the Boso Peninsula	
5		Russia IL-20 One aircraft	Long-range flight over off Hokkaido passing through the Sea of Japan off the Oki islands	
6	Friday, April 14, 2017	Russia Tu-142 Two aircrafts	Long-range flight over Sakhalin passing through the Pacific Ocean off the Boso Peninsula	
7		Russia Su-24 One aircraft	Long-range flight over the Sea of Japan	
8		Russia IL-20 One aircraft	Long-range flight over off Yamaguchi prefecture passing through the Sea of Japan off Hokkaido	



## List of Cases Made Public in FY2017 (First Quarter ②)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
9	Friday, April 14, 2017	Russia IL-38 Two aircrafts	Long-range flight over off Noto island passing through the Sea of Japan off Hokkaido	
10	Tuesday, April 18, 2017	Russia IL-38 Two aircrafts	Long-range flight over Sakhalin passing through the Sea of Japan off the Oki islands	
11	Thursday, May 18, 2017	China One drone-like object	The case of airspace intrusion by Chinese drone-like object around the Senkaku Islands of Japan ※Photo by Japan Coast Guard	
12	Friday, June 9, 2017	Russia Su-24 One aircraft	Long-range flight over the Sea of Japan	

## List of Cases Made Public in FY2017 (Second Quarter ①)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
13	Thursday, July 13, 2017	China H-6 Two aircrafts	Round-trip flight between the East China Sea and the Pacific Ocean	
14		China H-6 Four aircrafts	Long-range flight from the Pacific Ocean to the East China Sea	
15	Thursday, July 20, 2017	China Y-8 One aircraft	Long-range flight from the Pacific Ocean to the East China Sea	
16		China Y-8 One aircraft		
17		China H-6 Four aircrafts		
18		China H-6 Four aircrafts		Long-range flight from the East China Sea to the Pacific Ocean
19	Monday, July 24, 2017	China H-6 Four aircrafts	Long-range flight from the Pacific Ocean to the East China Sea	
20	Wednesday, August 9, 2017	China Y-8 One aircraft	Long-range flight from the Pacific Ocean to the East China Sea	

## List of Cases Made Public in FY2017 (Second Quarter ②)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
21	Saturday, August 12, 2017	China H-6 Two aircrafts	Long-range flight from the Pacific Ocean to the East China Sea	
22		China Y-8 One aircraft		
23	Sunday, August 13, 2017	China Y-8 Two aircrafts	Long-range flight from the Pacific Ocean to the East China Sea	
24	Monday, August 14, 2017	China Y-8 One aircraft	Long-range flight from the Pacific Ocean to the East China Sea	
25	Tuesday, August 22, 2017	Russia IL-38 One aircraft	Long-range flight over the Sea of Japan	
26	Wednesday, August 23, 2017	Russia Tu-95 Two aircrafts	Flight from the Sea of Japan to the Pacific Ocean through Tsushima Strait	
27	Thursday, August 24, 2017	China H-6 Six aircrafts	Long-range flight from the East China Sea to the Pacific Ocean(off the Kii Peninsula)	



## List of Cases Made Public in FY2017 (Third Quarter ①)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
28	Tuesday, October 3, 2017	Russia IL-38 One aircraft	Long-range flight over the Sea of Japan	
29		Russia Su-24 One aircraft		
30	Thursday, October 5, 2017	Russia Su-24 One aircraft	Long-range flight over the Sea of Japan	
31	Monday, October 30, 2017	Russia Tu-95 Two aircrafts	Long-range flight from the Sea of Japan to Sea of Okhotsk, Pacific Ocean	
32	Saturday, November 18, 2017	China Tu-154 One aircraft	Long-range flight from the East China Sea to the Pacific Ocean	
33	Sunday, November 19, 2017	China H-6 Four aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
34		China Tu-154 One aircraft		
35		China Y-8 One aircraft		




## List of Cases Made Public in FY2017 (Third Quarter ②)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
36	Thursday, November 23, 2017	China H-6 Four aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
37		China Y-8 One aircraft		
38	Thursday, December 7, 2017	China Y-8 One aircraft	Long-range flight from the Pacific Ocean to the East China Sea	
39		China H-6 Four aircrafts		
40	Saturday, December 9, 2017	China H-6 Four aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
41		China Y-8 One aircraft		
42	Monday, December 11, 2017	China H-6 Two aircrafts	Long-range flight from the East China Sea to the Pacific Ocean	
43		China Y-8 One aircraft		

## List of Cases Made Public in FY2017 (Third Quarter ③)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
44	Monday, December 11, 2017	China Tu-154 One aircraft	Long-range flight from the East China Sea to the Pacific Ocean	
45		Presumed China Two Fighter aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
46	Sunday, December 17, 2017	China Y-8 One aircraft	Long-range flight from the Pacific Ocean to the East China Sea	
47		China Y-8 Two aircrafts		
48	Monday, December 18, 2017	China H-6 Two aircrafts	Long-range flight from the East China Sea to the Japan Sea through Tsushima Strait	
49		China Su-30 Two aircrafts		
50		China Tu-154 One aircraft		
51		China Y-8 One aircraft		Long-range flight from the Pacific Ocean to the East China Sea

## List of Cases Made Public in FY2017 (Third Quarter ④)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
52	Wednesday, December 20, 2017	China Y-8 One aircraft	Long-range flight over the East China Sea and the Pacific Ocean	
53		China Y-8 One aircraft	Long-range flight over the East China Sea	
54		China Tu-154 One aircraft	Round-trip flight from the East China Sea and the Pacific Ocean	

## List of Cases Made Public in FY2017 (Fourth Quarter①)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
55	Saturday, January 6, 2018	Russia IL-38 One aircraft	Long-range flight over the Sea of Japan	
56	Friday, January 19, 2018	Russia Su-24 One aircraft	Long-range flight over the Sea of Japan	
57	Monday, January 29, 2018	China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	
58	Tuesday, February 20, 2018	Russia Tu-95 Two aircrafts	Long-range flight to the sea of Japan after Round-trip flight from the Sea of Okhotsk to the Pacific Ocean	
59	Tuesday, February 27, 2018	Russia Su-24 One aircraft	Long-range flight over the Sea of Japan	
60		China Y-9 One aircraft	Round-trip flight from the East China Sea and the Sea of Japan through Tsushima Strait	



## List of Cases Made Public in FY2017 (Fourth Quarter②)

	Date	Nationality of Aircraft, etc.	Behavior Description	Photo
61	Friday, March 23, 2018	China H-6 Four aircrafts	Round-trip flight from the East China Sea and the Pacific Ocean	
62		China Tu-154 One aircraft		
63		China Y-8 One aircraft		
64		Presumed China Two Fighter aircrafts	Round-trip flight from the East China Sea and the point between Okinawa Island and Miyako-Island	