

#### Statistics on scrambles through fiscal year 2015

#### 1. Overall

Air Self-Defense Force (ASDF) fighter jets were scrambled 873 times in FY2015 in total, a decrease of 70 times compared to the previous fiscal year.

The breakdown of scrambles by country and region shows a ratio of about 65% against Chinese aircraft, about 33% against Russian aircraft, and about 2% against aircraft from other countries and regions. Countries and regions also include inferences.

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

In FY2015, fighter jets of the Northern Air Defense Force were scrambled 205 times, those of the Central Air Defense Force 50 times, those of the Western Air Defense Force 87 times, and those of the Southwestern Composite Air Division 531 times.

Compared to the previous fiscal year, the number of scrambles by the Southwestern Composite Air Division increased, while the number of scrambles by other Regional Air Defense Forces was the same or decreased.

#### 3. Characteristics of Responses in FY2015

ASDF fighter jets were scrambled 571 times against Chinese aircraft, an increase of 107 times compared to the previous fiscal year. That is the highest number since 2001, in which ASDF began publicizing the number of scrambles by country and region. In FY2015, a total of 14 cases, including the case of flight over the Sea of Japan through the Tsushima Strait for the first time, were made public as unusual flights.

ASDF fighter jets were scrambled 288 times against Russian aircraft, a decrease of 185 times compared to the previous fiscal year. In FY2015, a total of 10 cases were made public as air intrusions or unusual flights.

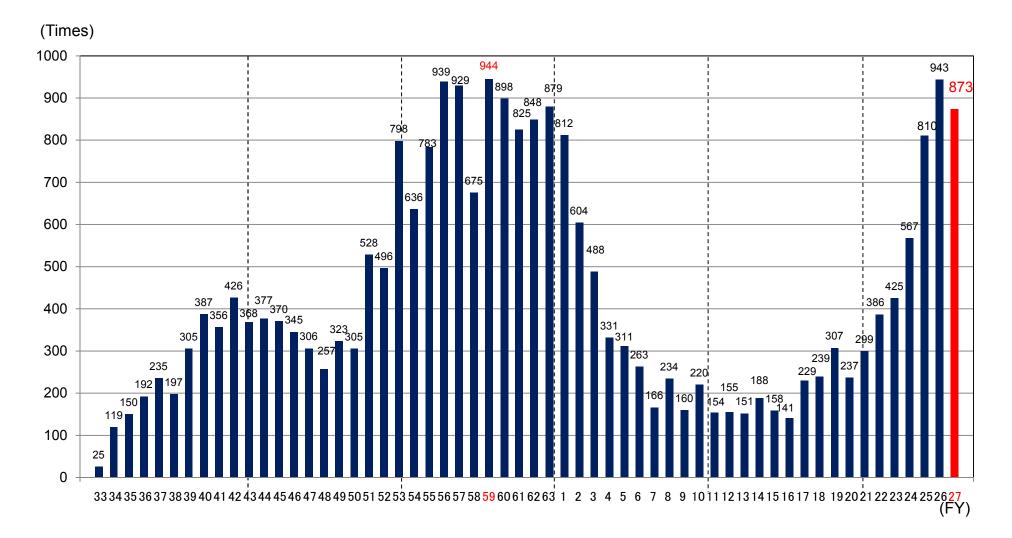
A large number of scrambles were conducted against Chinese fighter jets and Russian surveillance jets, including against those presumed to be fighter aircraft.

The data above was collected between April 1, 2015, and March 31, 2016.

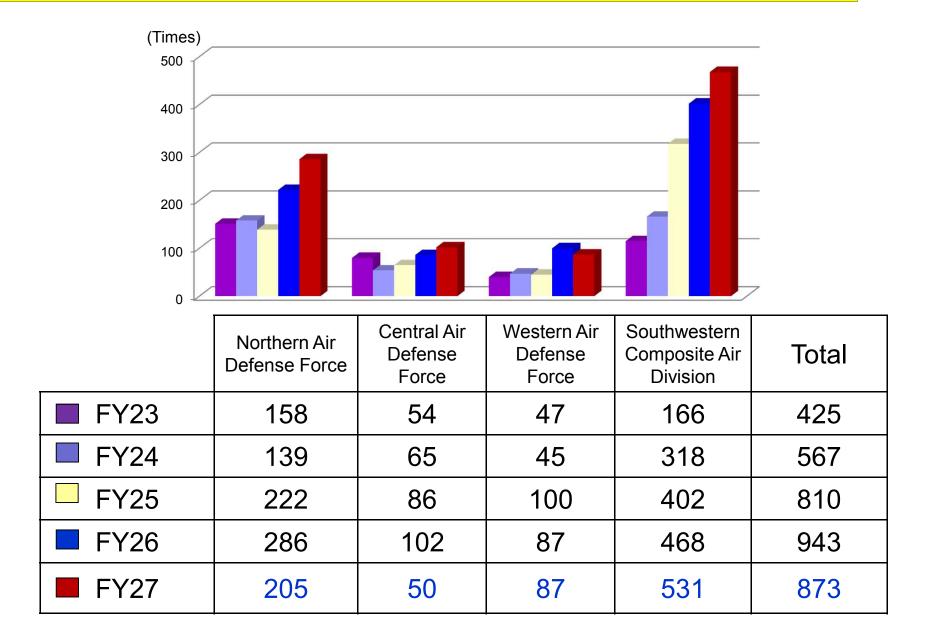
#### Reference

- 1. Number of Scrambles by Fiscal Year
- 2. Number of Scrambles by Regional Air Defense Force (Past Five Years)
- 3. Number of Scrambles by Country and Region (Past Five Years)
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### Number of Scrambles by Fiscal Year



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



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

| Country and<br>Region<br>FY | Russia | China | Taiwan | North<br>Korea | Other countries | Total |
|-----------------------------|--------|-------|--------|----------------|-----------------|-------|
| 23                          | 247    | 156   | 5      | 0              | 17              | 425   |
| 24                          | 248    | 306   | 1      | 0              | 12              | 567   |
| 25                          | 359    | 415   | 1      | 9              | 26              | 810   |
| 26                          | 473    | 464   | 1      | 0              | 5               | 943   |
| 27                          | 288    | 571   | 2      | 0              | 12              | 873   |

X Number of Scrambles by Country and Region include some unconfirmed cases

### Number of Scrambles by Quarter

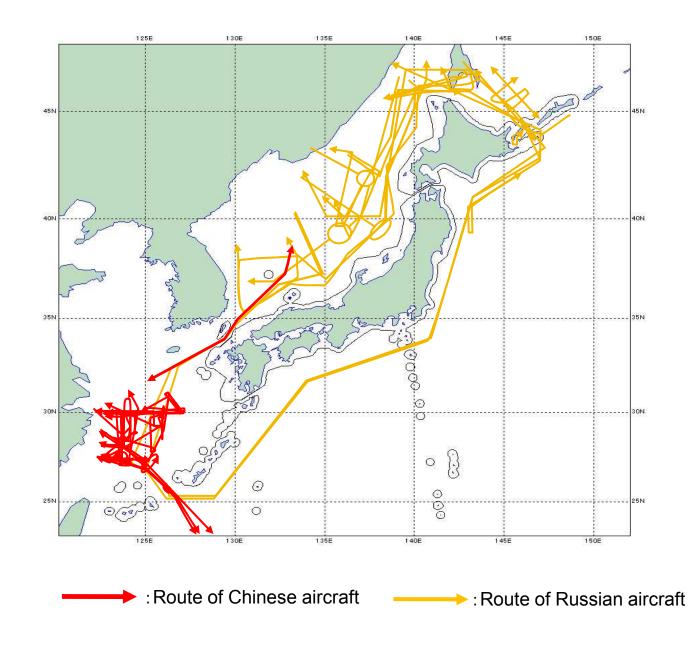
### 1 Number of Scrambles by Regional Air Defense Force

|                         | Northern Air<br>Defense<br>Force | Central Air<br>Defense<br>Force | Western Air<br>Defense<br>Force | Southwestern<br>Composite Air<br>Division | Total |
|-------------------------|----------------------------------|---------------------------------|---------------------------------|---|-------|
| 1 <sup>st</sup> Quarter | 48                               | 6                               | 9                               | 110                                       | 173   |
| 2 <sup>nd</sup> Quarter | 43                               | 4                               | 11                              | 112                                       | 170   |
| 3 <sup>rd</sup> Quarter | 45                               | 15                              | 34                              | 130                                       | 224   |
| 4 <sup>th</sup> Quarter | 69                               | 25                              | 33                              | 179                                       | 306   |
| Total                   | 205                              | 50                              | 87                              | 531                                       | 873   |

2 Number of Scrambles by Country and Region

|                         | Russia  | China | Taiwan  | North | Other     | Total |
|-------------------------|---------|-------|---------|-------|-----------|-------|
|                         | 1103510 |       | Tarwarr | Korea | countries | Total |
| 1 <sup>st</sup> Quarter | 57      | 114   | 0       | 0     | 2         | 173   |
| 2 <sup>nd</sup> Quarter | 51      | 117   | 0       | 0     | 2         | 170   |
| 3 <sup>rd</sup> Quarter | 75      | 142   | 1       | 0     | 6         | 224   |
| 4 <sup>th</sup> Quarter | 105     | 198   | 1       | 0     | 2         | 306   |
| Total                   | 288     | 571   | 2       | 0     | 12        | 873   |

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



| No. | Date       | Point of Territory Invasion   | Country/<br>Region         | Type of Aircraft ×<br>Number of Aircraft | 6  |
|-----|------------|---|----------------------------|--|--|
| 1   | 1967.8.19  | Over Rebun Island, Hokkaido   | The Soviet<br>Union (USSR) | unknown × 1                              | Cases of Detection of Airspace   |
| 2   | 1974.2.7   | Over Rebun Island, Hokkaido   | USSR                       | unknown × 1                              | Intrusions Made Public   |
| 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-<br>25 incident)                                | USSR                       | MIG-25×1                                 | Number of cases in 30 (1) (25)   |
| 5   | 1977.9.7   | Over the territorial waters northwestward of Shirase Island, in the western of the Goto Islands             | USSR                       | TU-95×2                                  | <b>FY2015: One</b> (31) (12) (25) (14)   |
| 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 Rebun 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 Rebun Island, Hokkaido   | USSR                       | IL-14×1                                  |  |
| 12  | 1981.7.24  | Over the territorial waters northward of Rebun 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<br>Cape, Hokkaido                         | USSR                       | unknown × 2                              | (6) $(15)$ $(16)$ $(15)$   |
| 15  | 1983.11.15 | Over the territorial waters northwestward of Okinoshima Island,<br>Fukuoka Prefecture                       | USSR                       | TU-16/95×1 each                          | 26   |
| 16  | 1984.11.12 | Over the territorial waters northwestward of Okinoshima Island,<br>Fukuoka Prefecture                       | USSR                       | TU-16×1                                  |  |
| 17  | 1984.11.23 | Over the territorial waters northwestward of Okinoshima Island,<br>Fukuoka Prefecture                       | USSR                       | TU-95/142 × 1 each                       |  |
| 18  | 1986.2.6   | Over the territorial waters northward of Rebun Island, Hokkaido   | USSR                       | unknown × 1                              |  |
| 19  | 1987.8.27  | Over the territorial waters westward of Rebun Island, Hokkaido  | USSR                       | unknown × 1                              |  |
| 20  | 1987.12.9  | Over the Okinawa Main Island and the territorial waters between<br>Tokunoshima Island and Okinoerabu Island | USSR                       | TU-16×1                                  |  |
| 21  | 1989.4.21  | Over the territorial waters northward of Rebun Island, Hokkaido   | USSR                       | unknown × 1                              | (13) (34)  |
| 22  | 1991.7.6   | Over the territorial waters southward of the Nemuro Peninsula,<br>Hokkaido                                  | USSR                       | AN-30×1                                  | No. Data Paint of Territory Invasion Country/Region Type of Aircraft ×   |
| 23  | 1991.8.15  | Over the territorial waters northward of Rebun Island, Hokkaido   | USSR                       | TU-95×2                                  | 2001 Over the territorial waters porthward of Pahun Island   |
| 24  | 1992.4.10  | Over Rebun Island and the territorial waters northwestward of Wakkanai, Hokkaido                            | Russian<br>Federation      | AN-12×1                                  | 31 4.11 Hokkaido Russian Federation unknown × 1   2001 Over the territorial waters westward of Kvurokuiima Island  |
| 25  | 1992.5.7   | Over the territorial waters off Esashi, Hokkaido  | Russian<br>Federation      | unknown × 1                              | 4.11 Aomori Pretecture   |
| 26  | 1992.7.28  | Over the territorial waters eastward of Tsushima Islands, Nagasaki Prefecture                               | Russian<br>Federation      | TU-154×1                                 | 35<br>34 2008. Over the territorial waters of Sofugan, in the southern part<br>Russian Federation TU-95×1  |
| 27  | 1993.8.31  | Over the territorial waters westward of Kyurokujima Island,<br>Aomori Prefecture                            | Russian<br>Federation      | IL-20×1                                  | 20<br>35 2012. Over the territorial waters southward of Uotsuri Island of China Y-12 × 1   |
| 28  | 1994.3.25  | Over the territorial waters of Uotsuri Island and Kuba Island of the Senkaku Islands                        | Taiwan                     | B-350×1                                  | 36 2013. Over the territorial waters southwestward of Rishiri Island, 2.7 Russian Federation SU-27 × 2   |
| 29  | 1995.3.23  | Over the territorial waters of Rebun Island, Hokkaido   | Russian<br>Federation      | MIG-31 × 1                               | 37 2013. Over the territorial waters northwestward of Okinoshima Russian Federation TU-95 × 2   1 Island, Fukuoka Prefecture Fairmend to be Fairmend to be |
| 30  | 2001.2.14  | Over the territorial waters of Rebun Island, Hokkaido   | Russian<br>Federation      | TU-22 × 2,<br>unknown × 2                | $\frac{2015.}{9.15}$ Over the territorial waters off Nemuro Peninsula, Hokkaido<br>Russian Federaion <b>unknown × 1</b>                                    |

# List of Cases Made Public in FY2015 (First Quarter)

|   | Date                       | Nationality of Aircraft, etc.   | Behavior Description   | Photo |
|---|----------------------------|---------------------------------|--|-------|
| 1 | Thursday,<br>April 2, 2015 | Russia<br>Su-24<br>One aircraft | Flew over the Sea of Japan from off<br>Hokkaido to off Hokuriku        |       |
| 2 | Thursday,<br>May 21, 2015  | China<br>H-6<br>Two aircraft    | Round-trip flights between the East China<br>Sea and the Pacific Ocean |       |

## List of Cases Made Public in FY2015 (Second Quarter ①)

|   | Date                           | Nationality of Aircraft, etc.   | Behavior Description  | Photo |
|---|--------------------------------|---------------------------------|---|-------|
| 1 | Friday,<br>July 3, 2015        | Russia<br>IL-20<br>One aircraft | Round-trip flights between off Hokkaido<br>and off Iwate Prefecture         |       |
| 2 | Tuesday,<br>July 7, 2015       | Russia<br>IL-20<br>One aircraft | Flight over the Sea of Japan from off<br>Hokkaido to off the Noto Peninsula |       |
| 3 | Wednesday,<br>July 8, 2015     | Russia<br>IL-20<br>One aircraft | Round-trip flights between off Hokkaido<br>and off Iwate Prefecture         |       |
| 4 |                                | China<br>Y-8<br>One aircraft    |   |       |
| 5 | Wednesday,<br>July 29,<br>2015 | China<br>Y-9<br>One aircraft    | Round-trip flights between the East China<br>Sea and the Pacific Ocean      |       |
| 6 |                                | China<br>H-6<br>Two aircraft    |   |       |

## List of Cases Made Public in FY2015 (Second Quarter 2)

|    | Date                              | Nationality of Aircraft, etc. | Behavior Description   | Photo  |
|----|-----------------------------------|-------------------------------|--|--|
| 7  |                                   | China<br>Y-8<br>One aircraft  |  | du du da   |
| 8  | Thursday,<br>July 30, 2015        | China<br>Y-9<br>One aircraft  | Round-trip flights between the East China<br>Sea and the Pacific Ocean |  |
| 9  |                                   | China<br>H-6<br>Two aircraft  |  | A de la de l |
| 10 | Tuesday,<br>September<br>15, 2015 | Presumed<br>Russian aircraft  | Airspace intrusion off the Nemuro<br>Peninsula, Hokkaido               |  |

## List of Cases Made Public in FY2015 (Third Quarter ①)

|   | Date                            | Nationality of Aircraft, etc.    | Behavior Description  | Photo |
|---|---------------------------------|----------------------------------|---|-------|
| 1 | Tuesday,<br>October 27,<br>2015 | Russia<br>Tu-142<br>Two aircraft | Long-range flight over the Sea of Japan from<br>off Hokkaido to off the Oki Islands |       |
| 2 |                                 | China<br>H-6<br>Four aircraft    |   |       |
| 3 | Friday, C<br>November           | China<br>Tu-154<br>One aircraft  | Round-trip flights between the East China Sea<br>and the Pacific Ocean              |       |
| 4 |                                 | China<br>Y-8<br>One aircraft     |   |       |
| 5 |                                 | China<br>H-6<br>Four aircraft    | Long rouge flights even the Fest Ching See  |       |
| 6 |                                 | China<br>Y-8<br>One aircraft     | Long-range flights over the East China Sea  |       |

## List of Cases Made Public in FY2015 (Third Quarter 2)

|   | Date                 | Nationality of Aircraft, etc.   | Behavior Description  | Photo |
|---|----------------------|---------------------------------|---|-------|
| 7 | Monday,              | Russia<br>Tu-95<br>Two aircraft | Flew over the Sea of Japan, the East China<br>Sea and the Pacific Ocean from off Noto<br>Peninsula to the Maritime Province |       |
| 8 | December 21,<br>2015 | Russia<br>A-50<br>One aircraft  | Long-range flight over the Sea of Japan   |       |

## List of Cases Made Public in FY2015 (Fourth Quarter)

|   | Date                          | Nationality of Aircraft, etc.    | Behavior Description  | Photo |
|---|-------------------------------|----------------------------------|---|-------|
| 1 | Tuesday,<br>January 26, 2016  | Russia<br>Tu-95<br>Two aircraft  | Flew over the Sea of Japan, the East China<br>Sea and the Pacific Ocean from off Noto<br>Peninsula to the Maritime Province |       |
| 2 | Sunday,                       | China<br>Y-9<br>One aircraft     | Round-trip flights between the East China   |       |
| 3 | January 31, 2016              | China<br>Y-8<br>One aircraft     | Sea and the Sea of Japan  |       |
| 4 | Saturday,<br>February 6, 2016 | Russia<br>TU-142<br>Two aircraft | Long-range flight over the vicinity of<br>Japan's territorial sky over the Sea of<br>Japan                                  |       |