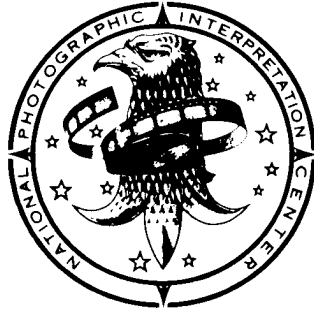


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# Summary Report

NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

## INCREASED ASM ACTIVITY IN THE USSR



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SR-030/77  
JUNE 1977  
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## Increased ASM Activity in the USSR

This report summarizes the increase in ASM activity at six Long Range Aviation (LRA) airfields and at two ASM depots (Figure 1). A listing of these eight installations, with their geographic coordinates, BE numbers, and category numbers, follows the text of this report.

### Siauliai ASM Support Facility

Twenty-eight AS-4 (KITCHEN) shipping containers were observed at the Siauliai ASM Support Facility [redacted]. This was the first identification of KITCHEN shipping containers at this facility. The KITCHEN missile is associated with both the BACKFIRE and BLINDER aircraft. Siauliai ASM Support Facility is 2.9 nautical miles (nm) east of Siauliai Airfield [redacted], which supports FLOGGER, MOSS, and CUB aircraft.

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### Priluki Airfield

One BADGER G was observed at the Priluki Airfield with an AS-6 (KINGFISH) missile mounted under each wing on photography [redacted]. Also, one AS-5 (KELT) was seen parked adjacent to another BADGER G, and 11 empty ASM handling dollies were between eight other BADGER G aircraft parked along the main parking apron. The number of KINGFISH shipping containers at this airfield has increased from 24 to 42 since February 1976. Thirty-seven KINGFISH shipping containers were also seen in the ASM Support Facility, and five more were in the rail transfer area. Priluki Airfield supports a BADGER G ASM regiment subordinate to LRA.

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### Nezhin Airfield

A mixed ordnance load of one KELT and one KINGFISH ASM were observed mounted on the same BADGER G aircraft at Nezhin Airfield on photography [redacted] (Figure 3). This was the first confirmation of a BADGER G with a different ASM mounted under each wing.

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Five of the six BADGER G (two not shown on graphic) deployed to this airfield each had a KINGFISH mounted under the left wing and a KELT mounted under the right wing. No ASMs were seen under the wings of the sixth BADGER (not shown on graphic). These six BADGER G may correspond to the six BADGER G absent from Priluki Airfield [redacted] [redacted] where ASM activity was also seen on the same date. Nezhin Airfield supports a BLINDER reconnaissance/bomber unit subordinate to LRA.

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### Baranovichi Airfield

Eighteen KITCHEN missiles (one not shown on graphic) were observed in the ASM support facility at Baranovichi airfield on photography [redacted]. This

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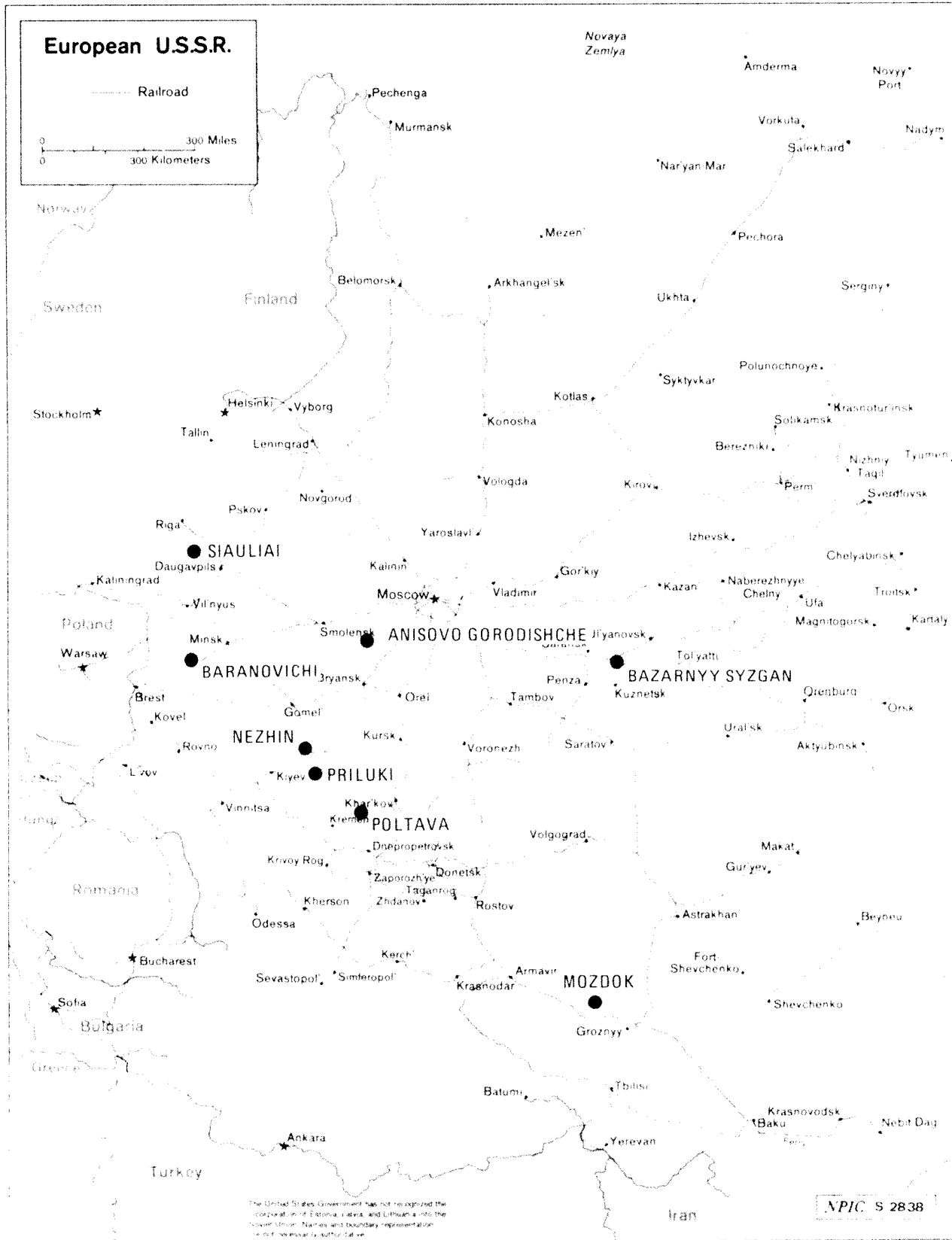


FIGURE 1. LOCATIONS OF SIX LONG RANGE AVIATION AIRFIELDS AND TWO ASM DEPOTS, USSR

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was the highest count of KITCHEN ASM ever seen at this airfield. The previous high count was three in April 1974. Baranovichi Airfield supports a BLINDER ASM regiment subordinate to LRA.

### **Anisovo Gorodishche Airfield**

A high count of 51 KINGFISH shipping containers was observed in the ASM Support Facility at this airfield on photography [redacted] This is an increase of 17 KINGFISH shipping containers since this airfield was last seen on photography of October 1976. In addition, 34 of the normal count of 40 BADGER aircraft were seen at this airfield. On imagery [redacted] a high count of 62 KINGFISH shipping containers was observed in the ASM Support Facility. This is an increase of 11 KINGFISH shipping containers over the total seen [redacted] Anisovo Gorodishche Airfield supports a BADGER ASM regiment subordinate to LRA.

### **Bazarnyy Syzgan Probable ASM/AAM Storage Depot**

Six new probable missile shipping containers were identified for the first time at the Bazarnyy Syzgan Probable ASM/AAM storage depot on photography [redacted] These new probable missile shipping containers were seen near the railroad transfer point at the storage depot. [redacted] Each container has a slightly peaked roof and is tapered for approximately two-thirds of its length. The containers are similar in size and appearance to the missile shipping containers identified at Ivankovskiy Guided Missile Plant [redacted] in September 1976.

These probable missile shipping containers may be for a new missile system or may be a modified shipping container for the AS-9 ASM. The overall count of AS-9 shipping containers at this depot has decreased from 369 in October 1975 to approximately 120 in March 1977.

There was also an increase of KITCHEN and KELT shipping containers. Two hundred-eighty KITCHEN shipping containers were seen, representing an increase of 170 over the previous high count of 110 seen in October 1975. Furthermore, a total of 75 KELT shipping containers was seen, representing an increase of 58 AS-5 shipping containers since 1975, the last time this installation was imaged.

Bazarnyy Syzgan Probable ASM/AAM Storage Depot is a regional storage depot approximately 130 miles west-northwest of Kuybyshev.

### **Poltava Airfield**

Nine of the ten BEAR B/C aircraft observed at Poltava Airfield on imagery [redacted] [redacted] had AS-3 (KANGAROO) missiles mounted under the fuselage. No missile was observed under the tenth BEAR B/C which was parked on the opposite side of the apron. A CUB parked adjacent to these BEAR B/C may be supporting this deployment.

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The BACKFIRE B and BADGER units were still present on 25 April. Only 16 BACKFIRE B were visible with scattered clouds obscuring the BACKFIRE maintenance area and two BACKFIRE revetted hardstands. Two KITCHEN missiles were also visible in the ASM Support Facility. Poltava Airfield supports a BACKFIRE/BADGER ASM regiment and a BADGER reconnaissance regiment subordinate to LRA.

### Mozdok Airfield

A high count of 53 KANGAROO ASM was observed at Mozdok Airfield on imagery of [redacted]. This was an increase of 29 ASM since this airfield was last seen on [redacted]. Twenty-five KANGAROO and one KANGAROO fuselage were seen in the ASM Support Facility, and 24 KANGAROO were seen parked in the missile hold area, formerly the firing-in butt. One KANGAROO was seen on the road leading to POL Storage Area B. One KANGAROO (not shown on graphic) was seen parked on a revetted hardstand near the west end-connecting link, and two KANGAROO were parked in revetted hardstands in the southwest dispersal area.

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Also, a high count of 39 BEAR aircraft was observed at this airfield. Three BEAR A, 24 BEAR B, and 12 BEAR C were identified, which represented an increase of 17 BEAR over the 22 usually seen here. The previous high count was observed on imagery [redacted] when 25 BEAR were seen. Mozdok Airfield supports a BEAR ASM regiment subordinate to LRA.

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#### Installation Name

#### Geographic Coordinates

Siauliai ASM Support Facility	55-54-18N 023-28-44E
Priluki Airfield	50-34-34-N 032-19-10E
Nezhin Airfield	51-05-19N 031-52-07E
Baranovichi Airfield	53-05-42N 026-02-54E
Anisovo Gorodishche Airfield	54-13-27N 034-22-08E
Bazarnyy Syzgan Probable ASM/AAM Storage Depot	53-37-40N 046-51-20E
Poltava Airfield	49-37-40N 034-29-23E
Mozdok Airfield	43-47-15N 044-36-00E

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## List of Conversion Factors by Classification

### UNITS OF LENGTH

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	607C 1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

### UNITS OF AREA

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

### UNITS OF MASS

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

### UNITS OF VOLUME

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

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