

Interactive Map: Hundreds of Known Russian Military Objects are in Range of ATACMS

August 27, 2024

By George Barros

Hundreds of known Russian military and paramilitary objects in Russia are in range of Ukrainian ATACMS. ISW presents the following list and interactive map of known military and paramilitary objects to illustrate the extent to which US restrictions on Ukraine's use of ATACMS constrains Ukraine's ability to strike important military infrastructure in Russia.

Anonymous senior US officials have suggested that the redeployment of Russian combat aircraft from airfields in Russia within ATACMS range and the low number of ATACMS that the US has provided to Ukraine somehow reduce the validity or importance of the Ukrainian request.¹ Politico reported on August 23 that an unnamed senior Biden administration national security official stated that Russian forces have moved some objects out of range of Western-provided Storm Shadow and ATACMS missiles.² An unnamed administration official also reportedly stated that Russian forces have moved 90 percent of the aircraft that conduct glide bomb strikes from Russian airspace away from airfields within range of Storm Shadow and ATACMS missiles.³ Sixteen Russian air bases are located in range of Ukrainian ATACMS in Russia, and ISW has observed confirmation of redeployments of Russian aircraft to air bases out of range of Western-provided long-range weapons.⁴

The redeployment of Russian aircraft from 16 Russian air bases in range of ATACMS does not reduce the importance of allowing Ukraine to use ATACMS against hundreds of other Russian military objects, however, nor does the reportedly small number of ATACMS the US has provided. US policy continues to restrict Ukraine from using ATACMS to strike no fewer than 245 known Russian military and paramilitary objects – of which only 16 (6.5%) are air bases –as of August 26, 2024.5 (ISW previously assessed that 250 objects – including 17 air bases – were in range of Ukrainian ATACMS based on a control of terrain assessment conducted in May 2024.) The maximum range of Ukrainian HIMARS – which the US allows Ukraine to use in Russia under limited circumstances – encompasses 20 of these objects.⁶ At least 225 known objects are in range of ATACMS but not within the range of HIMARS. At least 209 of 245 (over 85%) known Russian military objects in range of ATACMS are not air bases. Ukrainian forces are using indigenous long-range strike systems to hit some of these targets, but they do not appear to have many such systems—so the relatively small number of ATACMS Ukraine has reportedly received could make significant difference.

The argument that the limited redeployment of Russian aircraft from 16 airfields makes the discussion of lifting US restrictions on the use of ATACMS somehow moot ignores the hundreds of these facilities laid out within this report. Ukrainian officials are reportedly preparing to present senior US officials a list of objects in Russia that Ukrainian officials believe Kyiv could strike if Washington lifted its restrictions on US weapons.⁷ ISW has not seen the Ukrainian list and offers no assessment of the possible overlap between the list published in this report and the list Ukrainian officials have prepared.

Military or			
Paramilitary Object	Latitude	Longitude	Additional Information
/B 22nd Separate Guards Spetsnaz Brigade	47.34476	39.87922	military unit 11659, (BTR-80, GAZ-233014 STS Tigr, KamAZ- 63968 Typhoon)
/B 22nd Separate Guards Spetsnaz Brigade	47.12364	39.78191	military unit 11659, (BTR-80, GAZ-233014 STS Tigr, KamAZ- 63968 Typhoon)
/B 39th Separate Railway Brigade	45.64151	38.93849	military unit 01228
·	45.23807	37.50482	military unit 13140, (BTR-82A, BMP-2, 2S1 Gvozdika, 9K35 Strela-10)
/Be 744th Artillery Armament Base	47.41016	40.07003	military unit 42286
/Be 744th Artillery Armament Base	47.39827	40.08877	military unit 42286
/Bt 57th Separate Radio- Technical Battalion (?)	51.57006	39.29832	military unit 68107
/Bt 57th Separate Radio- Technical Battalion (?)	51.6566	39.04837	military unit 68107
/C 1060th Logistics Center	53.21421	34.44522	military unit 55443-90
/C 1061st Logistics Center	45.64097	38.93897	military unit 57229-17/18
/R 103rd Motor Rifle Regiment	47.27921	39.66793	military unit 91708, (BTR-82A)
/R 103rd Motor Rifle Regiment	47.27272	39.6686	military unit 91708, (BTR-82A)
/R 108th Anti-Aircraft Missile Regiment	51.59271	39.10252	military unit 51025, S-300PM
/R 108th Anti-Aircraft Missile Regiment	51.59114	39.09267	military unit 51025, S-300PS
/R 1536th Anti-Aircraft Missile Regiment	46.96695	39.33412	military unit 48514, S-300V
/R 1536th Anti-Aircraft Missile Regiment	47.2902	39.44559	military unit 48514, S-300PM
/R 336th Radio-Technical Regiment	53.21243	34.25126	military unit 03013-3
/R 337th Radio-Technical Regiment	54.82087	31.81706	military unit 51952

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/R 338th Radio-Technical			
Regiment	47.30969	39.65857	military unit 40213-P
/R 338th Radio-Technical			
Regiment	47.17315	38.56719	military unit 40213-S
/R 338th Radio-Technical			
Regiment	47.9043	40.07022	military unit 40213-T
/R 338th Radio-Technical			
Regiment	48.95131	40.29104	military unit 40213-U
/U 224th Flight Unit	53.71507	33.33865	(9x An-124, 18x Il-76MD)
			military unit 91706, (T-72B1/B3,
102nd Motor Rifle			BMP-2s, 2S1 Gvozdika, 9K35
Regiment	47.52789	40.13238	Strela-10)
108th Anti-Aircraft			
Missile Regiment HQ	51.58809	39.09684	military unit 51025
10th Separate Repair and			
Evacuation Regiment	45.2533	38.10353	military unit 25356
116th Separate Special	.0 000		, , , , ,
Purpose Radio Center			
GRU (mobile)	47.3452	39.87817	military unit 51019
11th Coastal Missile-	17 0 10	<i>Gy</i> , ,	military unit 00916, (3K60 Bal-E,
Artillery Brigade	45.08819	37.30351	K300P Bastion-P)
11th Separate Guards	10	07 -0 - 00	,
Engineer Brigade	48.31128	40.26828	military unit 45767
120th Arsenal	53.22425	34.39634	military unit 42696
1281st Separate Anti-Tank		54.07.04	7=070
Squadron	54.61441	33.1748	
128th Special Motorized	54.62442	551-7-7-5	
Internal Troops Regiment	51 6726	39.21997	military unit 7437
129th Special Motorized	J1.0/20	<u> </u>	743/
Internal Troops Regiment	52 58422	39.56395	military unit 5961
132nd Command	32.30422	39.00390	innitary unit 5901
Intelligence Center GRU	54.78514	32.05856	military unit 23305
137th NBC Protection	34./0314	32.03030	
Troops Repair and Storage			
Base	53.46669	33.94807	military unit 42732
148th Separate	00.4009	00.7.400/	
Reconnaissance Battalion	54.81994	32.03633	military unit 23872
14th Fighter Aviation	<u>し</u> ⊤・マキタクオ	J=.~J~JJ	military unit 45119, (24x Su-
Regiment	51.75124	36.29917	30SM)
150th Motor Rifle Division		JU-771/	
HQ	47.52526	40.13072	military unit 22265
152nd Separate Logistics	1/ -0-0-	¬	
Battalion	47.51559	40.22195	military unit 98591
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152nd Separate Logistics Brigade	50.98148	39.4986	military unit 80504
1536th Anti-Aircraft		97.17	<u> </u>
Missile Regiment HQ	47.0874	39.60918	military unit 48514
159th Separate Anti-Tank			military unit 81989, (9K114
Battalion	49.94108	40.49695	Shturm-S)
163rd Armored Repair		1 17 70	
Plant	46.54314	39.61419	
163rd Guards Tank			military unit 84839, (T-72B3M,
Regiment	47.52837	40.13068	BMP-3)
			military unit 3678, Responsible
164th Separate Internal			for the security of the Smolensk
Troops Battalion	54.17098	33.23917	Nuclear Power Plant
_			military unit 97689, RS-24 Yars
168th Missile Regiment	54.02867	35.4613	(silo)
			military unit 41767, (9x Mi-
16th Army Aviation			8AMTSh, 21x Mi-28N, 3x Mi-
Brigade	46.83573	40.37097	8PP)
			military unit 64055
16th Separate EW Brigade	51.71142	36.29535	Murmansk BN
16th Special Purpose			
Detachment "Skif"	47.311	39.68884	military unit 6760
172nd Separate EW			
Battalion	51.76337	36.3616	military unit 84713
174th Separate			
Reconnaissance Battalion	47.52731	40.13063	military unit 22265
175th Command and			
Control Brigade	47.27458	39.89488	military unit 01957
176th Communications			
Brigade	47.34385	39.88012	military unit 71609
18th Branch of the 3783rd			
Complex Logistics Base	54.7983	31.81303	military unit 96131-18
18th Operational and			
Technical			
Communications Center	54.14067	36.99039	military unit 65240
191st Special Object			
Maintenance Directorate			
(Western Military District			
Reserve Command Post)	54.69818	31.3595	military unit 54763
195th Separate Medical			
Battalion	47.52539	40.1324	military unit 55541

1962th Engineer Troops			
Storage Base	53.22554	36.43676	military unit 55443-40
19th Separate EW Brigade	47.34834	39.87117	military unit 62829
20th Combined Arms		_	
Army HQ	51.67932	39.21398	military unit 89425
2140th Psychological			
Operations Group GRU	47.1229	39.78215	military unit 03128
214th Command and			
Control Center	47.41143	40.10706	military unit 65246
			military unit 95834, RS-24 Yars
214th Missile Regiment	53.76444	35.48741	(silo)
221st Separate Engineer-			
Sapper Battalion (?)	48.30008	40.31854	military unit 54369
228th Separate			
Communications			
Battalion	47.52888	40.12582	military unit 84881
230th National Guard			
Protection and Support			
Regiment	47.23576	39.69341	military unit 7405
231st Separate Medical			
Battalion	49.94259	40.49663	military unit 83833
238th Artillery Brigade	45.51918	39.36265	2A65 Msta-B
2506th Technical Missile			
Base	53.93979	35.77286	military unit 95855
252nd Guards Motor Rifle			military unit 91711, (T-72B3,
Regiment	49.94116	40.48667	BMP-2, 2A63 Msta-B)
258th Separate Anti-Tank			
Artillery Squadron	47.52778	40.12823	
25th Special Purpose			
Detachment "Mercury"	54.62894	31.63811	military unit 7459
25th Special Purpose			
Detachment "Mercury"	54.76564	32.00225	military unit 7459
260th Central Rocket			
Artillery Base	52.51893	39.74841	
265th Separate Special			
Purpose Radio-Technical			
Regiment GRU	54.47626	36.26548	military unit 31782
27th NBC Protection		0 -01-	7 -
Brigade	51.71974	36.16787	military unit 11262
283th Motor Rifle	, , , ,	, - /	
Regiment	54.61045	33.16894	military unit 83590 (?)
292nd Communications			
Unit	54.04142	35.78082	military unit 03086
		,00,	

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293rd Separate	4- 4040-	40.00	
Automobile Battalion	47.40137	40.07753	military unit 46027
295th Engineer-Sapper Battalion	54.61261	33.16585	military unit 84130
29th Separate Railway	54.01201	33.10303	inintary unit 04130
Brigade	54.80856	31.9065	military unit 33149
2nd Operational			2 00 12
Detachment GRU	51.74937	36.20076	military unit 46188-2
2nd Scientific Company of			
the Russian Aerospace			
Forces	51.63793	39.17705	
30th Separate Transport Mixed Aviation Regiment	47.27229	39.64958	military unit 41497, (1x An-148, 7x An-12BK, 6x An-26, 2x Il-20M, 1x Mi-24V, 9x Mi-24P, 1x Mi-26T3, 2x Mi-26T, 5x Mi-26)
30th Training Brigade	47.52813	40.10223	military unit 3033
312th Separate Special Purpose Radio-Technical Regiment	54.76506	32.00982	military unit 73582
	017 0	J	military unit 75391, (20x Su-
31st Guards Fighter			30SM, 3x MiG-29, 2x MiG-29A,
Aviation Regiment	48.9525	40.29614	2x MiG-29S, 1x MiG-29UB)
336th Radio-Technical Regiment HQ	52.93362	36.02547	military unit 03013
337th Separate Engineer- Sapper Battalion	49.9421	40.49186	military unit 91717
338th Radio-Technical			
Regiment HQ	47.4117	40.10647	military unit 40213
362nd Command Intelligence Center GRU	47.34386	39.87804	military unit 47187
365th Object "S"	1, 0.10		,,,,
(Bryansk-18)	53.55867	33.97078	military unit 42685
3754th Central Aviation			
Technical Base	51.77163	36.18549	military unit 13830
			military unit 24390, (2S19M2 Msta-S, 2A65 Msta-B, D-30,
381st Artillery Regiment	47.42122	39.24957	Tornado-G)
3854th Combat and CommunicationsRegulation			
n Base	54.03931	35.77382	military unit 26027
3rd Operational Detachment GRU	51.63594	39.17633	military unit 46188-3

106th Congreta Charial			
426th Separate Special Motorized Internal Troops			
Battalion	54.46649	36.20074	military unit 6681
Buttunon	54,40049	Jo. 2 00/4	military unit 35535, (9K720
448th Missile Brigade	51.71149	36.31524	Iskander-M/OTR-21 Tochka)
47th Missile Brigade	45.52287	39.36103	military unit 33166
47th Separate Mixed			
Aviation Regiment	51.62255	39.14177	military unit 45117, (24x Su-34)
49th Anti-Aircraft Missile			military unit 21555, (9K37 Buk,
Brigade	54.8191	32.03636	9K37M1-2 Buk-M1-2)
4th Air and Air Defense			
Forces Army HQ	47.23019	39.70877	military unit 83477
			military unit 62632-V, (Su-35S,
4th Combat and			Su-30SM, Su-27SM, MiG-29UB,
Retraining Center	52.6404	39.45144	Su-34, Su-24M2, Su-25UB)
50th Separate Operational			
Purpose Brigade	47.56718	40.12935	military unit 3660
51st Air Defense Division			
HQ	47.25091	39.69376	military unit 42352
529th Special Purpose			
Medical Unit	47.25793	39.67248	military unit 40880
			military unit 33310, Commander
52nd Guards Heavy			Colonel Oleg Timoshin, 18x Tu-
Bomber Regiment	54.22162	34.3757	22M3
539th Separate			
Intelligence Center GRU	54.50794	36.28012	military unit 10199
53rd Anti-Aircraft Missile			military unit 32406, (9K37 Buk-
Brigade	51.7019	36.30485	M1)
559th Bomber Aviation			
Regiment	48.31465	41.77922	military unit 75392, (36x Su-34)
55th Separate Radio	600		71.
Center GRU	54.6882	31.84472	military unit 25503
565th Support Center	51.63492	39.15448	
566th Military Transport			
Aviation Regiment	53.71514	33.34626	23x Antonov An-124
597th Special Motorized			70
	51.72254	36.15913	military unit 6699
59th Guards Tank	- 4 6 4 4 6 4	00.1==0(military unit a coco
Regiment	54.61131	33.17506	military unit 94018
5th Central Research Institute of the Ministry of			Military Training and Descarch
Defense of the Russian			Military Training and Research Center of the Russian Airborne
Federation	51.63759	39.18147	Troops (VDV)
- cacration	U ¹ · ^U 3/37	しフ・エロエ4/	ITTOOPO (TDT)

60th Arsenal GRAU	54.50827	36.32388	military unit 55443-KD
63rd Automated Control	34.5002/	30.32300	inintary unit 55443-KD
Systems Separate			
Communications Center			
of the Long-Range			
Aviation	54.65889	31.96952	military unit 83069
	54.05009	31.90952	innitary unit 63009
649th Internal Troops	50.05066	04 44950	military unit 6700
Regiment	53.25366	34.44873	military unit 6703
670th Armored			71.
Equipment Warehouse	46.53413	39.60999	military unit 52205
67th Arsenal GRAU	53.14118	34.95364	military unit 55443-BK
685th Separate Special			
Purpose Mixed Aviation			military unit 3686, (Mi-8MTV-2,
Regiment	47.27641	39.6501	Mi-24P, Mi-26T, An-26B)
686th Separate			
Communications			
Battalion	54.33569	32.45995	
			military unit 91714, (T-72B3M,
68th Tank Regiment	47.52767	40.13688	BMP-3, 2S3 Akatasiya)
7024th Military	., , ,	1	, , , , , , , , , , , , , , , , , , ,
Equipment Storage and			
Repair Base	48.27329	40.26206	military unit 45278
708th Military Transport	. , , , ,		
Aviation Regiment	47.24442	38.84818	26x Ilyushin Il-76MD
711th Information	1,,,-,,,-	0010 1000	, , , , , , , , , , , , , , , , , , , ,
Countermeasures Center			
GRU	47.25098	39.69474	military unit 76853
719th Artillery	17 - 0 - 2 -	077171	3.5 5 7 5 500
Ammunition Base	45.88589	40.04025	military unit 01704
721st Training Center	43.00309	40.04023	inintary unit 01/04
GRAU	47.44244	40.09874	military unit 41026
GIUIC	4/•44244	40.090/4	· ·
74th Missile Regiment	53.79863	05 90001	military unit 77193, RS-24 Yars (silo)
,	<u>ეკ./9</u> 00 <u>კ</u>	35.80201	(SHO)
74th Separate Repair and	_	06.07150	ilitait 4400- 0
Maintenance Battalion	54.55332	36.25108	military unit 11385-9
77th Anti-Aircraft Missile		_	
Brigade	45.52274	39.36442	military unit 33742, (S-300V4)
78th Intelligence Center		_	
GRU	47.27256	39.89526	military unit 35555
82nd Training Regiment	47.74937	40.19013	military unit 3722
8th Guards Combined			
Arms Army HQ	47.41178	40.10482	military unit 33744
911st Separate Logistics			
Battalion	49.93999	40.48994	military unit 54366
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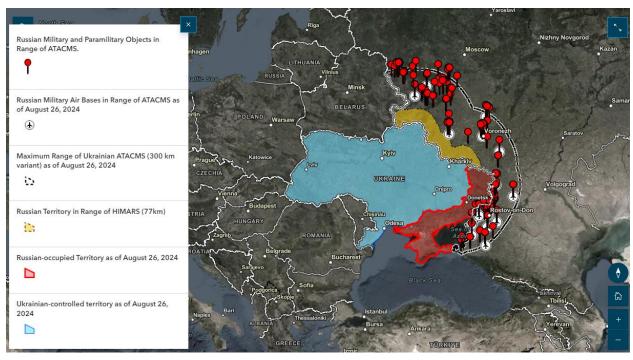
933rd Anti-Aircraft			military unit 15269, (9K332 Tor-
Missile Regiment	48.92384	40.41887	M2)
		' ' '	military unit 75387, (7x Su-
960th Assault Aviation			25SM3, 15x Su-25SM, 2x Su-25,
Regiment	46.05702	38.23334	4x Su-25UB)
97th Separate Surface			
Ship Squadron	45.31919	37.37226	
99th Self Propelled			military unit 91727, (2S19M2
Artillery Regiment	49.94368	40.49504	Msta-SM, BM-21 Grad)
9th Command and Control			
Brigade	51.69012	39.14604	military unit 31895
Air Base Buturlinovka	50.79576	40.60652	
Air Base Kursk Vostochny	51.75284	36.29367	
Air Base Kushchevskaya	46.53519	39.55147	
Air Base Lipetsk	52.63607	39.44705	
Air Base Millerovo	48.95234	40.30299	
Air Base Morozovsk	48.31424	41.79179	
Air Base Primorsko-		, , , , ,	
Akhtarsk	46.0583	38.23782	
Air Base Rostov-na-Donu			
Tsentralny	47.27407	39.63992	
Air Base Seshcha	53.71746	33.34798	
Air Base Shaykovka	54.22246	34.37155	
Air Base Taganrog-Yuzhny	47.19574	38.86512	
Air Base Voronezh			
Malshevo	51.62131	39.14396	
Air Base Yeysk	46.68191	38.224	
Air Base Zernograd	46.83372	40.37814	
Air BaseTaganrog-			
Tsentralny	47.24426	38.84518	
Air Defense Radars	54.34061	32.452	
Air Force Depot	47.32371	39.62247	military unit 57229-38
Air Force Repair and			
Maintenance Base	54.33416	32.47333	military unit 23476
Air Force Separate			
Engineer Battalion	53.37437	34.30968	military unit 30114
Air Force Training			
Grounds	51.47253	39.13332	
Air Force/Air Defense			
Command Post	47.42735	39.66431	
Aviation Equipment			7.50
Storage Department	52.63985	39.45614	MiG-29
Communications Node	46.70477	38.24404	

D : D C			
Design Bureau of			
Instrument Engineering			
Equipment Production			
Plant	53.52459	36.54101	
Don EMERCOM Rescue			
Center	47.33923	39.83563	military unit 11350
Equipment and Vehicle			
Storage Base	53.82738	36.11775	military unit 30778
Federal State Institution			
Combine "Rechnoy",			
Kaluga Region, Kaluga	54.54121	36.32098	
Federal State Institution			
Combine "Rechnoy",			
Kaluga Region, Kaluga	54.54551	36.34092	
	34.34331	30.34092	
FGKU combine			
"Experimental", Voronezh			
region, Verkhnekhavskiy	0		
district, with. Uglyanec	51.82512	39.58562	_
FGKU Combine "New			
Way", Belgorod region,			
Starooskolsky district,			
Stary Oskol	51.22363	37.91792	
FGKU combine			
"Primorsky", Rostov			
region, Azov district, h.	0 0		
Novoaleksandrivka	47.08348	39.45168	
FGKU combine "Red			
Banner", Voronezh region,			
Voronezh	51.65719	39.29088	
FGKU plant "Atlas",			
Rostov region, Kamensky			
district, Molodezhny			
village	48.45734	40.3296	
FGKU plant "Bogatyr",			
Voronezh region, Liski	50.98093	39.56015	
FGKU plant "Dubki",			
Kursk region, Ponyrovsky			
district, vozy settlement	52.19004	36.28286	
FGKU plant "Vympel",			
Kaluga region,			Federal State Budgetary
Duminichsky district,			Institution "Combine "Vympel""
Duminichi settlement	53.83682	35.05434	of Rosrezerva
FSB Department for the			
Bryansk Oblast	53.24557	34.3643	
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E 4 E 1 E 0 4	06 06 190	
54.51594	30.20469	
E1 70E	26 18514	
51./25	30.10514	
E2 60422	20 50102	
32.00422	39.39193	
52.06006	26.05086	
32.90990	30.03900	
47 21057	20.70262	
4/.2193/	39./0303	
54 77017	22 04225	
34.//91/	32.04333	
51 65826	20 20522	
51.05050	39.20332	
47 22805	20.70227	Commander: Evgeniy Grigoriev
1		military unit 55443-90
		military unit 55443-90
4/.051/9	39./1505	11111tary unit 5/229-3
51.66377	39.19956	The leading Russian developer and manufacturer of electronic warfare, radio communications, electronic countermeasures systems and equipment.
47.41755	39.24812	Estabilished in 2014. Contains several vehicle staging areas, training fields and firing ranges. One of the main Russian assembly bases for operations inside Ukraine.
4/-41/33	39.24012	Chame.
53.12807	34.90966	
,		
54.55187	36.35721	
		military unit 26219
		military unit 55796
		military unit 23476
	0 001	y - 01/-
47.10329	39.66511	
	47.41755 53.12807 54.55187 54.26482 48.32001 54.30981	51.725 36.18514 52.60422 39.59193 52.96996 36.05986 47.21957 39.70363 54.77917 32.04335 51.65836 39.20532 47.22895 39.70327 54.38504 32.47468 47.05179 39.71505 51.66377 39.19956 47.41755 39.24812 53.12807 34.90966 54.55187 36.35721 54.26482 34.42257 48.32001 41.79074 54.30981 32.35468

NT TOL 1			
Navy Electronic			
Equipment Storage Base	53.90757	35.75549	military unit 87338
Radio Center of the 51st			11.
Air Defense Division	47.34534	39.60207	military unit 42352
Radio Transmitting			
Center of the Southern			
Military District HQ (?)	47.27792	39.81585	
Radio-Technical Troops			
Proving Grounds	51.61645	39.11032	
Regional Conscript			
Assembly Point in the			
Voronezh Oblast	51.69888	39.13503	
Research and Training			
Mixed Air Group	52.64219	39.44841	
Smolensk Air Defense			
Military Academy	54.80167	32.0032	
Southern Military District			
HQ	47.22364	39.70488	
Spetssvyaz			
Communications Unit	54.71373	35.3605	military unit 54985
Testing Facility of the			
Rostov-on-Don Research			
Institute of Radio			
Communications	47.35392	39.78431	
Testing Grounds of the			The leading Russian developer and manufacturer of electronic warfare, radio communications, electronic countermeasures
JSC Concern "Sozvezdie"	51.61766	39.0024	systems and equipment.
The Pip Receiving Radio	J1.01/00	39.0024	systems and equipment.
Center	47.32653	39.752	5448 kHz/3756 kHz
The Pip Transmitting	17.0 - 00	07.70	7070
Radio Center	47.29959	39.6734	5448 kHz/3756 kHz
Training Center of the Smolensk Air Defense	17 2202	701	7070
Military Academy	54.79967	31.97438	
Training Grounds	51.49109	39.20001	
Training Grounds	48.36142	40.18283	
Training Grounds	54.87711	33.44831	
UI (SIGINT/ELINT)			
Unidentified Rosgvardiya Unit Base	48.32162	40.2483	military unit 3433
Unidentified Rosgvardiya	51.70534 48.32162	36.32274 40.2483	military unit 3433

Unidentified Signals			
Intelligence (?)			
Installation	47.10269	39.80868	
Unidentified Unit Base	51.73394	36.31643	military unit 42699
Vehicle Storage	47.12346	39.77454	
Vehicle Storage	45.25409	38.07951	
Vocational Preparation			
Center of the Ministry of			
Internal Affairs in the			
~ 1 1 011 .	_	_	
Smolensk Oblast	54.7807	31.804	
Smolensk Oblast Warehouses	54.7807 51.76504	31.804 36.19213	military unit 55443-KA
		<u> </u>	military unit 55443-KA military unit 57229-6
Warehouses	51.76504	36.19213	• • • • • • • • • • • • • • • • • • • •
Warehouses Warehouses	51.76504 47.41614	36.19213 40.10843	military unit 57229-6
Warehouses Warehouses Warehouses	51.76504 47.41614	36.19213 40.10843	military unit 57229-6
Warehouses Warehouses Warehouses Weapons and Material	51.76504 47.41614 47.26146	36.19213 40.10843 39.64057	military unit 57229-6



It is unlikely that the Russian military has redeployed assets away from all 245 objects to the same degree as it has done with aircraft.⁸ ISW has not observed evidence of redeployments of military assets from the majority of Russia's rear areas. The mass redeployment of assets away from such facilities would present significant challenges to Russian logistics throughout the theater, and neither open sources nor US officials have indicated that Russian forces have engaged in such logistical upheavals. The *Associated Press* quoted a Ukrainian artillery commander in June 2024 who stated that Ukrainian forces could strike Russian brigade command points at scale if the US approved Ukraine's

use of ATACMS to strike Russian territory but currently cannot because Russia has deployed such command and control elements in an area 100 to 150 kilometers away from the front line – territory outside the range of HIMARS but still in range of ATACMS.⁹

Note: This list of 245 known objects does <u>not</u> include the various field camps and new installations that the Russian military has erected near Ukraine to support Russia's war. This list is therefore conservative and only identifies a portion of all the military objects in range of ATACMS. The regimental, brigade, and division headquarters provided in this list are mainly relevant in how these objects facilitate training and serve as storage areas, since the combat units that are normally permanently based here are forward deployed in Ukraine. ISW would like to acknowledge X (formerly Twitter) users @Archer83Able and @breakingcraft_ for collating this comprehensive data set on Russian military and paramilitary objects.¹⁰ ISW has verified their findings and conducted additional geospatial analysis to determine which objects are within the maximum range of ATACMS, based on ISW's control of terrain assessment as of August 26, 2024.

Any assessment that rejects allowing Ukraine to strike legitimate military objects in Russia on the exclusive basis of air asset redeployments is incomplete because it fails to account for the hundreds of other objects supporting Russia's war against Ukraine and would thus be incorrect. ISW is not asserting that the redeployment of Russian air assets is the only reason for the continuation of the US ban on the use of ATACMS against legitimate military targets in Russia as ISW is not privy to US decision-making. This report is intended to respond to what appears to be an attempt to dismiss the value and importance of reevaluating these restrictions based on a partial presentation of the situation.



¹ https://www.politico.com/news/2024/08/23/ukraine-biden-weapons-restrictions-00176210

² https://www.politico.com/news/2024/08/23/ukraine-biden-weapons-restrictions-00176210

³ https://www.politico.com/news/2024/08/23/ukraine-biden-weapons-restrictions-00176210

⁴ https://x.com/Tatarigami UA/status/1816561523210191258;

https://www.understandingwar.org/backgrounder/russian-offensive-campaign-assessment-august-22-2024

⁵ ISW previously assessed that 250 objects were in range of ATACMS as of ISW's previous analysis of ATACMS maximum ranges in May 2024. https://understandingwar.org/backgrounder/putins-safe-space-defeating-russias-kharkiv-operation-requires-eliminating-russias

⁶ https://www.understandingwar.org/backgrounder/russian-offensive-campaign-assessment-june-22-2024

⁷ https://www.politico.com/news/2024/08/26/ukraine-biden-targets-russia-restrictions-00176377

⁸ https://understandingwar.org/backgrounder/russian-offensive-campaign-assessment-august-24-2024

⁹ https://apnews.com/article/ukraine-war-us-weapons-long-range-missiles-7f061044c7b50a1946409eea9e9c399f

Interactive Map: Hundreds of Known Russian Military Ol	Objects are in Range of ATACMS
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¹⁰ https://x.com/Archer83Able/status/1773732406991708277; https://www.mediafire.com/file/zx2niavoezwbgjp/RBMIv1.5.rar/file