

OPERATION ACTIVE RESOLVE INTELLIGENCE REPORT RUSSIAN S-300 VARIANTS

1 General Information

This intelligence report contains information about the Russian S-300 variants.

2 Intelligence

2.1 Russian S-300 system

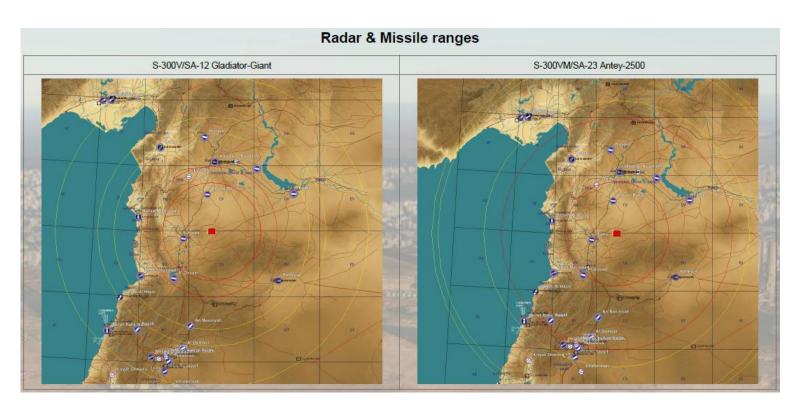
Russian have developed advanced SAM systems the recent years. The capability of these systems has not been know. VID have received a Russian internal document about the S-300 system from trusted sources.

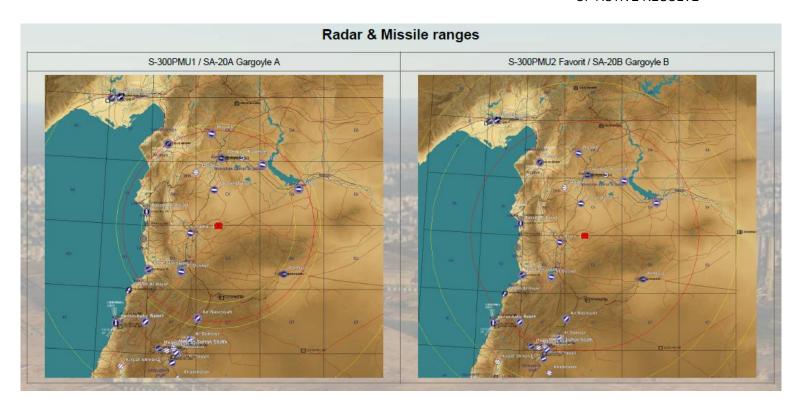
The following pictures are extracted from the Russian document:

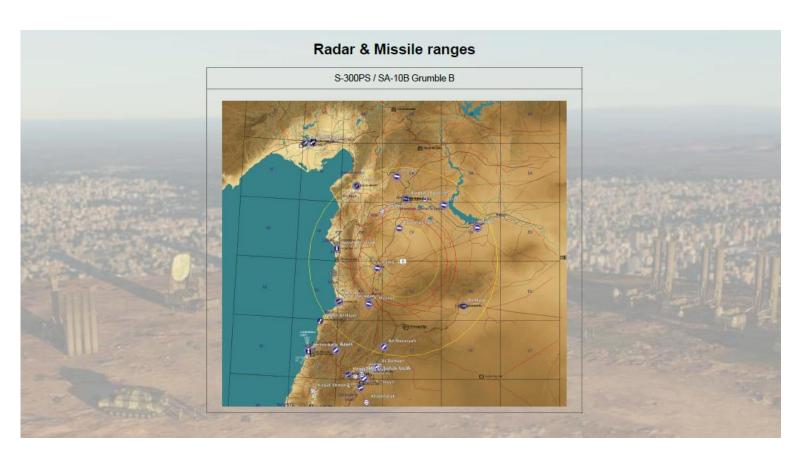
			Long Range Strategic Systems										
	Soviet/Russian designation		S-300PS			S-300PMU1		S-300PMU2 Favorit	S-300V		S-300VM		
General Information	NATO des	SA-10B Grumble B			SA-20A Gargoyle A		SA-20B Gargoyle B	SA-12 Gladiator/Giant		SA-23 Antey-2500			
	IOC		1982			1993		1997	1987		2000		
	Role		Air defense of airfields and points of interest			Air defense of airfields and points of interest Point missile and PGW defense		Air defense of airfields and points of interest Point missile and PGW defense	d Air defense of Army/Corps HQ near the frontline Tactical ballistic missile and PGW defense		Air defense of Army/Corps HQ near the frontline Theatre ballistic missile and PGW defense		
	Missiles	Designation	5V55R		5V55RUD		48N6		48N6E2	9M82	9M83	9M82M	9M83M
	MISSILES	Range	75km		-	lkm		150km	200km	100km	75km	250km	100km
Mandatory units	Launchers		5P85DE (smart TEL) (5P85SE (dumb TEL)	5P85DE (smart TEL)	5P85CE (dumb TEL)	5P85DE (smart TEL)	5P85CE (dumb TEL)	5P85SE2	9A82	9A83	9A82ME	9A83ME
	Command Post		54K6		54K6		54K6E2	9S457		9S457ME			
	Acquisition Radar	Designation	64H6 Big Bird		64H6E Big Bird		64H6E2 Big Bird	9S15 Bill Board		9S15M2 Bill Board			
		Range	160km		300km		330km	240km		320km			
	Fire control radar	Designation	30H8 Flap Lid (mast or truck-mounted)			30H6E Tomb Stone (mast or truck-mounted)		92H6E Grave Stone	9S32 Grill Pan		9S32ME Grill Screen		
		Range	160km			160km		270km	150km		230km		
Optional units	Specialized Radar	Designation	5N66 Clam Shell Iow-altitude surveillance (on 4086M mast)			5N66E Clam Shell low-altitude surveillance (on 40B6M mast)		5N66E Clam Shell low-altitude surveillance (or 40B6M mast)	9S19 High Screen n ballistic missile defense radar		9S19M2 High Screen ballistic missile defense radar		
		Range	60km			120km		120km	120km		310km		
	Upper Echelon Command Post		Polyana-D4M1			Polyana-D4M1		Polyana-D4M1	Polyana-D4M1		Polyana-D4M1		
Notes			Only one FCR can be used at a time. Chose between the mast-mounted and truck-mounted versions of the 30Hb. One "smart" TEL should control two "dumb" TELs. These do not have all the electronic required for firing, and are slaved to the "smart" TEL.			the radars from the previous version of the S-300P (PS).		Starting with the S- 300PMU2, all TELS are "smart" and can be used independently from one another. The S-300PMU2 can also use all radars from the previous S-300P variants (PS. PMU1).	range than equivalent missiles from		300V/SA-12 system. As the performance is much bett than those of the legacy SA-12,		

	SAM System									
Unit type	S-300PS/SA-10B	S-300PMU1/SA-20A	S-300PMU2/SA-20B	S-300V/SA-12	S-300VM/SA-23					
Command Post	SAM SA-10B S-300PS 54K6 CP	SAM SA-20 S-300PMU1 54K6 CP	SAM SA-20B S-300PMU2 CP 54K6E2	SAM SA-12 S-300V 9S457 CP	SAM SA-23 S-300VM 9S457ME					
Acquisition Radar	SAM SA-10B S-300PS 64H6E SR	SAM SA-20 S-300PMU1 64H6E SR	SAM SA-20B S-300PMU2 SR 64N6E2	SAM SA-12 S-300V 9S15 SR	SAM SA-23 S-300VM 9S15M2 S					
Fire Control Radar	SAM SA-10B S-300PS 40B6M TR	SAM SA-20 S-300PMU1 TR 30N8E	SAM SA-20B S-300PMU2 TR 92H6E(truck)	SAM SA-12 S-300V 9S32 TR	SAM SA-23 S-300VM 9S32ME 1					
	SAM SA-10B S-300PS 5P85SE LN	SAM SA-20 S-300PMU1 LN		SAM SA-12 S-300V 9A83 LN	SAM SA-23 S-300VM 9A83ME L					
(amakada)	SAM SA-10B S-300PS 5P85SU LN	5P85CE	SAM SA-20B S-300PMU2 LN 5P85SE2	SAM SA-12 S-SBUY BAGS EN						
Launcher(s)	SAM SA-10 (5V55RUD) S-300PS LN 5P85CE	SAM SA-20 S-300PMU1 LN	SAM SA-20B S-300FMU2 LN 9F89SE2	SAM SA-12 S-300V 9A82 LN	SAM SA-23 S-300VM 9A82ME LI					
	SAM SA-10 (5V55RUD) S-300PS LN 5P85DE	5P85DE		SAM SA-12 S-300V 9A82 LN						
Specialized Radar	SAM SA-10B S-300PS 40B6MD SR	SAM SA-20 S-300PMU1 SR 5N66E	SAM SA-20 S-300PMU1 SR 5N66E	SAM SA-12 S-300V 9S19 SR	SAM SA-23 S-300VM 9S19M2 S					
Upper Echelon Command Post	Polyana-D4M1 C2 node	Polyana-D4M1 C2 node	Polyana-D4M1 C2 node	Polyana-D4M1 C2 node	Polyana-D4M1 C2 node					









ASSESSMENT:

It is HIGHLY LIKELY that the information is correct and that the capabilities of the systems are as shown on the pictures

DISCLAIMER:

This is for multiplayer online gaming using the Digital Combat Systems simulation software published by Eagle Dynamics. The information is not in any way suitable for real world use or operations.

3 VID Information gaps

3.1 Intelligence Requirements

The following are intelligence requirements VID request support from VIS to answer.

3.1.1 Intelligence Requirement 9 (IR 9): What is the status of Russian SAM's in the area of operation?

- o Are Russian S-300 systems in the area of operation?
- o Are Russian S-300 capabilities as described in this report?