

Russia's Aerospace Defense Strategy and Its Implications for Strategic Stability and Nuclear Deterrence

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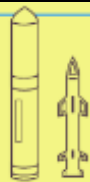
Outline

1. Evolution of Russia's Aerospace Defense System
2. Three Strategic Problems and Solutions
3. Implications for Strategic Stability and Nuclear Deterrence

“A system of political, economic, military, technological, legal and other measures for the preparation and conduct of military operations in aerospace.”

Vladmir Lyaporov, Head of the Military Academy for Aerospace Defense





БР стратегического
и нестратегического
назначения





Обеспечивающие КА



Ударные и обеспечивающие КА

ВОЗДУШНО-КОСМИЧЕСКОЕ ПРОСТРАНСТВО – ЕДИНАЯ СФЕРА ВООРУЖЕННОЙ БОРЬБЫ

Выводы:

1. В ближайшей перспективе, наряду с существующими СВКН, возможно создание принципиально новых ЛА (ударные КА, ВКС, ГЗКР, гиперзвуковые самолеты, ПБГ), что приведет к превращению воздушно-космического пространства в единую сферу вооруженной борьбы.
2. Произойдут кардинальные изменения в оперативно-стратегических формах боевого применения СВКН, связанные с перерастанием традиционных воздушных операций и кампаний в воздушно-космические с применением обычных средств поражения.
3. Для нейтрализации угрозы СВКН необходимо адекватное совершенствование средств и систем ВКО РФ.



Aerospace Defense – A “Counter” System

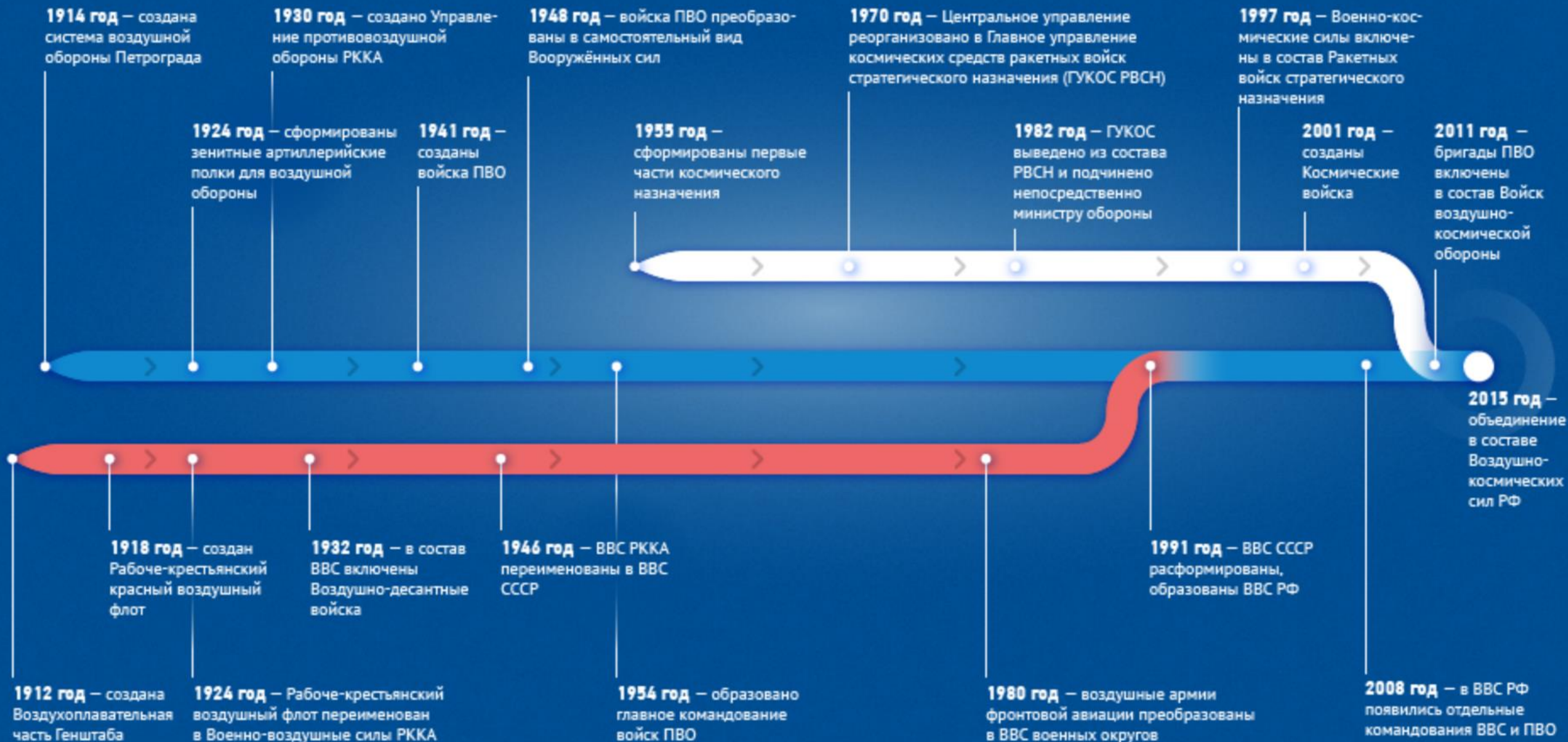
Counter Air
 Missile
 Space
 Information

The Great Importance of Aerospace Defense

Vladimir Putin (2013-2015):

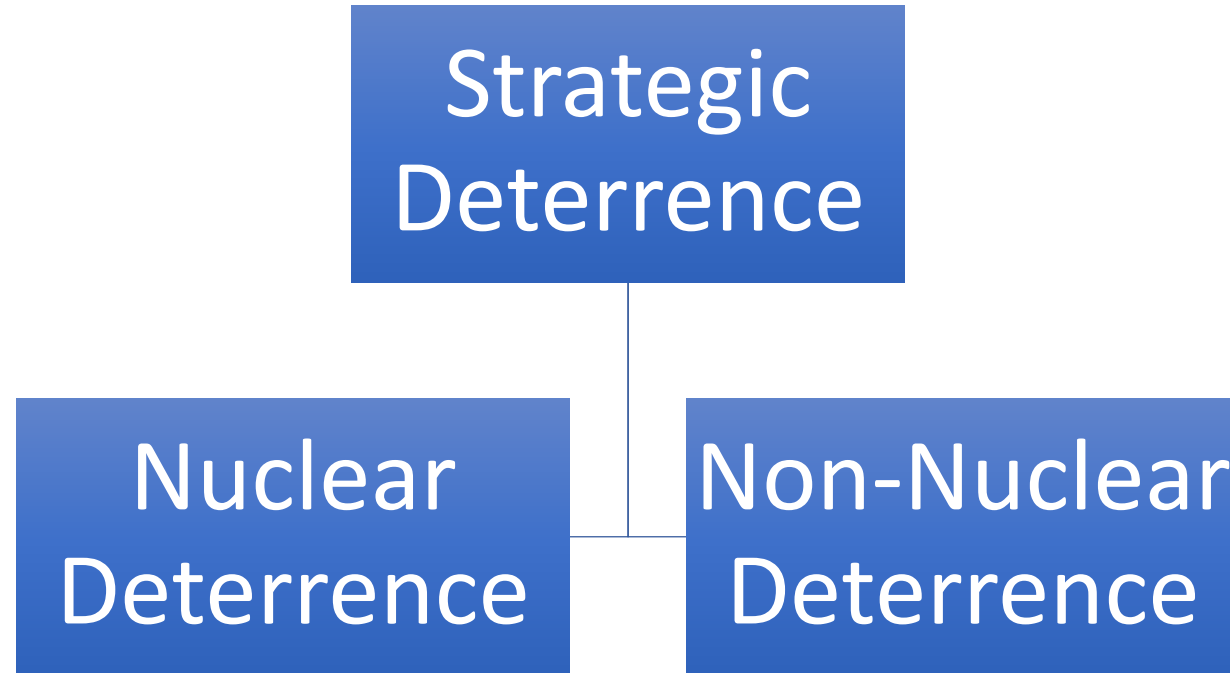
- “Strategic parity and the balance of power” depend to “a great extent” on the aerospace defense forces.
- Aerospace defense is “one of the most important components” of Russia’s defense strategy.
- Together with nuclear weapons, it has a “special responsibility for ensuring Russian security.”

История появления Воздушно-космических сил РФ



Three Strategic Problems

1. The strategic risk posed by nuclear and non-nuclear means of aerospace attack
2. The need to underwrite Russia's major-power status by military power projection capability
3. The need to influence global affairs by non-military means



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Aerospace Defense Helps Russia:

1. Mitigate the strategic risk posed by nuclear and non-nuclear means of aerospace attack by strengthening strategic deterrence
2. Underwrite its major-power status by military power projection capability by delivering warfighting capability
3. Influence global affairs through non-military means by providing political leverage

What does Russia's ability to defend against conventional and nuclear means of air and space attack mean for nuclear deterrence and strategic stability?



*С²ISR — единая система боевого управления, разведки, связи и оперативного планирования



БЕЗОПАСНОСТЬ

"Защита от дураков". Собьет ли российская ПВО "заблудившиеся" ракеты КНДР?

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