

Summary of achievements	Nominee's Contributions
Second Generation surface-to-surface tactical ballistic missile weapons system (DF-XXA), National Key Project	Proposed technical solutions for this weapon system, and oversaw technical R&D as chief designer, helped achieve China's first hypersonic ballistic missile satellite guidance system, defensive BMD penetration, and cluster munitions (一次抛撒字母弹). brought success rate of missile systems and accuracy to reach international levels.
Third generation surface-to-surface tactical missile weapon system (DF-XXA), National Key Project	As chief designer, directed and achieved infrared/visible light terminal guidance for hypersonic ballistic missiles, missile interceptor detection and various combat-relevant technical milestones, and numerous technical breakthroughs that filled gaps both domestically and internationally.
China's first hypersonic short-range surface-to-surface tactical missile weapon system that has a fully sub-atmospheric flight path	As chief designer, proposed and designed China's first Mach 7 mechanical-flight short range surface-to-surface weapon system that had a flight path that was entirely within the atmosphere, whose overall capabilities reached international standards, and was successfully flight-tested in 2009. This set the groundwork for a certain air-to-surface missile weapon system, which was a National Key Project.
China's first operationalised boost-glide tactical missile weapon system	In 2009 she proposed and designed China's first boost-glide mechanical flight missile weapon system that had a maximum speed of Mach 10, which had a successful full length flight test in 2014. Experts assessed that "this is complicated technology,... [China] achieved original theoretical and technical progress, and possessed numerous intellectual property rights, and was the first country in the world to successfully conduct a full-length test flight of a hypersonic boost-

	glide missile... the main technologies are at a leading position internationally.”
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