



In Their Own Words:

Unswervingly Become the Mainstay of Building a Powerful Aerospace Power

Translations from Chinese source documents

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The “In Their Own Words” series is dedicated to translations of Chinese documents in order to help non-Mandarin speaking audiences access and understand Chinese thinking. CASI would like to thank all of those involved in this effort.

In the “In Their Own Words” series, CASI and its collaborators aim to provide Chinese texts that illustrate thoughtful, clearly articulated, authoritative foreign perspectives on approaches to warfare at the strategic, operational, and tactical levels.

Unswervingly Become the Mainstay of Building a Powerful Aerospace Power

Since the 18th National Congress of the Communist Party of China, the China Aerospace Science and Technology Group Co., Ltd. (hereinafter referred to as "CASC") has always been guided by Xi Jinping's new era of socialism with Chinese characteristics, thoroughly implemented General Secretary Xi Jinping's important discourse on building a strong aerospace country, deeply understood the decisive significance of "two establishments" [两个确立], strengthened the "four consciousnesses" [四个意识], fortified the "four self-confidences" [四个自信], achieve "two maintenances" [两个维护], focused on "high quality, high efficiency and high effectiveness" [高质量、高效率、高效益] development, and made world-renowned achievements in many fields including the development of weapons and equipment, deep space exploration, manned spaceflight, and Beidou [北斗] navigation. On the occasion of the May 4th Youth Day in 2022, General Secretary Xi Jinping's reply letter CASC's youth space station construction team fully reflects General Secretary Xi Jinping's high attention and kind consideration for the aerospace industry, and will certainly inspire the vast number of aerospace cadres and workers in the new era to work hard to make new and greater contributions to embracing the aerospace dream [航天梦] and assisting the China dream [中国梦].

1. Deeply absorb the great power of thought and unswervingly follow the development path of the aerospace industry with Chinese characteristics

Great times breed great ideas, and great ideas lead great journeys. The 19th National Congress of the Communist Party of China (CPC) established Xi Jinping Thought on Socialism with Chinese Characteristics for the New Era as the Party's action guide, achieving another new leap in the Party's guiding ideology. General Secretary Xi Jinping's important discussion on building an aerospace power is the "space chapter" of Xi Jinping Thought on Socialism with Chinese Characteristics for the New Era. It scientifically answers important issues of the times such as what kind of aerospace power we will build in the new era and how to build an aerospace great power. It is a powerful ideological weapon and fundamental principle to lead the aerospace industry to continuously open up new prospects.

- (1) General Secretary Xi Jinping's important discourse on the strategic orientation of building a aerospace great power has pointed out the direction for the development of the aerospace industry

Every step of the development of the aerospace industry in the new era is inseparable from the great attention, kind consideration and strategic guidance of General Secretary Xi Jinping and the Party Central Committee. General Secretary Xi Jinping emphasized when meeting representatives of units participating in the research and testing of the Tiangong-1 and Shenzhou-10 manned missions: "Developing the aerospace industry and building an aerospace great power is our unremitting pursuit of the aerospace dream." General Secretary Xi Jinping pointed out in a cordial call with Shenzhou-10 astronauts: "The aerospace dream is an important part of the dream of a strong country. With the rapid development of China's aerospace industry, the Chinese people's steps to explore space will go bigger and farther." While visiting the exhibition of space technology achievements in the exhibition hall of CASC's China Academy of Space Technology (CAST), General Secretary Xi Jinping pointed out: "The field of space technology is a field of high technology concentration. The level of space technology is an important symbol

of a country's scientific and technological strength, as well as an important symbol of a country's economy strength, overall national strength, and national defense strength." General Secretary Xi Jinping stressed while meeting representatives of research and test personnel for the Chang'e 4 mission of the lunar exploration project: "The decision of the CPC Central Committee to implement the lunar exploration project is the realization of the Chinese nation's dream of ceaseless self-improvement to fly to the sky and grasp the moon." General Secretary Xi Jinping's series of important discourses profoundly expounded the important position, major significance and major strategic deployments, etc., of developing the aerospace industry and building an aerospace great power in the cause of the party and the country. It provides a general basis for us to accelerate the construction of an aerospace great power and provides the main driving force for us to do our best in all our work. The development path for China's aerospace industry to become self-reliant is clearer and more defined.

- (2) General Secretary Xi Jinping's important discourse on the innovation and development of building an aerospace great power provides practical guidance for the development of the aerospace industry

Development depends on innovation, and innovation determines the future. When meeting astronauts and representatives of the research and testing personnel of the Tiangong-2 and Shenzhou-11 manned missions, General Secretary Xi Jinping pointed out: "We are implementing an innovation-driven development strategy, which is a major strategy that determines the future of our country's development. Aerospace science and technology is an important field of scientific and technological progress and innovation, and achievements in aerospace science and technology are an important symbol of the country's scientific and technological level and capabilities." General Secretary Xi Jinping pointed out when meeting with the representatives of the research and test personnel of the Chang'e-4 mission of the lunar exploration project, "we must deeply grasp the general trend of global scientific and technological development; promote the scientific spirit; aim at strategic, fundamental, and cutting-edge fields; persist in making up for shortcomings, following the tracks of development, and synchronously advance a future-oriented composition; and strive to achieve major breakthroughs in key core technologies." General Secretary Xi Jinping pointed out in his reply letter to CASC space station construction youth team, "have the courage to innovate and make breakthroughs, send out the dazzling brilliance of youth on the journey of chasing dreams to space, and make new contributions for our country's aerospace science and technology to achieve a high level of self-reliance." The series of important discourses by General Secretary Xi Jinping is a new achievement of the Marxist worldview and methodology combined with the specific practices of China's aerospace industry. Shining with the brilliance of materialist dialectics, it has important guiding significance for the development of the aerospace industry. CASC has always adhered to the concept of "only by success can we focus on development, only by struggle can we achieve development, only by innovation can we continue to develop." The innovative development mechanism and development model of the aerospace industry have been continuously enriched, improved and improved with the continuous advancement of major aerospace projects.

- (3) General Secretary Xi Jinping's important discourse on the continuous inheritance of the aerospace spirit has provided inexhaustible impetus for the development of the aerospace industry

A great cause breeds a great spirit, and a great spirit supports a great cause. General Secretary Xi Jinping pointed out when meeting with the astronauts and representatives of the research and test personnel of the Tiangong-2 and Shenzhou-11 manned missions, “carrying forward a spirit of manned spaceflight that is especially able to endure hardship, fight, tackle key problems, and dedicate has demonstrated firm confidence in the path, theory, system and culture of socialism with Chinese characteristics, and added a strong spiritual force to uphold and develop socialism with Chinese characteristics.” In a congratulatory message congratulating the success of the Chang'e 5 mission of the lunar exploration project, General Secretary Xi Jinping pointed out, “I hope you will vigorously carry forward the lunar exploration spirit of chasing dreams, daring to explore, cooperating to tackle difficulties, and collaborating for win-win results, and start a new journey of interstellar exploration one step at a time.” When visiting the exhibition and display of the development achievements of the Beidou system, General Secretary Xi Jinping pointed out, “All the personnel involved in the development and construction of the Beidou system rose to the challenge, dared to fight tough battles, and continued to struggle. They have carried forward the spirit of ‘two bombs and one satellite’ and cultivated the spirit of Beidou in the new era, which must be inherited and carried forward.” On the centenary of the founding of the Party, the spirit of “two bombs and one satellite”, the spirit of manned spaceflight, the spirit of lunar exploration, and the spirit of Beidou in the new era created by the Party's leading astronauts' hard work and practice have been incorporated into the spiritual pedigree of the Chinese Communists and have straightened the spiritual backbone of Chinese Communists. General Secretary Xi Jinping's series of important discourses profoundly expounded the spiritual character and spiritual character that generations of astronauts have condensed and displayed in the great journey of developing the aerospace industry and building an aerospace great power. It is not only the spiritual source of the leap-forward development of our country's aerospace industry, at the same time, it is also the precious spiritual wealth of the Chinese nation, and will surely provide a steady stream of spiritual power and intellectual support for the construction of an aerospace great power.

2. Resolutely support the "Two Establishments" and unswervingly set a pioneering example for the "Two Maintenances"

The "two establishments" [两个确立] and "two maintenances" [两个维护] are a coordinated and unified whole, which must be understood and implemented as one. To resolutely support the "two establishments" means to continuously consolidate the theoretical and ideological roots of consciously achieving the "two maintenances"; in practice, supporting the "two establishments" means to go forward and set an example, to resolutely achieve the “two maintenances” on the journey of constructing an aerospace great power.

(1) Adhere to improving the political position and constantly improve the "two maintenances" system and mechanisms

Taking the quasi-political direction, we must take the "two maintenances" as the primary political task, and always maintain a high degree of consistency in ideology, politics and action with the Party Central Committee with Comrade Xi Jinping at the core. CASC has always maintained a political sobriety, kept the "great one of the nations" [国之大者] in mind, planned and promoted the development of the aerospace industry based on "two big pictures" [两个大局], and persisted in positioning in the overall situation and moving forward in the big picture.

Firmly grasping the direction guided by the party is our strategic direction, and the goal of the party's struggle is our action goal. CASC has always adhered to benchmarks and timetables [对标对表] and continues to study and implement Xi Jinping Thought on Socialism with Chinese Characteristics for the New Era as the first lesson for leading cadres at all levels to perform their duties and the first topic of the theoretical study center group of the party group (party committee), dynamically updates and systematically sorts out the excerpts of General Secretary Xi Jinping's important discourses on building an aerospace great power, establishes and improves the work ledger for implementing General Secretary Xi Jinping's important instructions on building an aerospace great power, regularly studies and examines gaps, and effectively integrates General Secretary Xi Jinping's important expositions into thoughts, deploys them into work, and implements them in actions. CASC has always maintained its strategic focus, constantly armed the mind with the party's innovative theories, persistently resolved various conflicts and problems in the course of career development, scientifically advanced the roadmap for the realization of an aerospace great power, strived to push our country to become one of the world's aerospace powers by 2030, and to push our country to take the lead in realizing the goal of becoming a great power in the aerospace field by 2045.

- (2) Maintain the integration of all levels and continuously promote the detailed implementation of the "two maintenances"

To effectively achieve the "two maintenances", we must do a good job [抓起、抓好、抓到位] from all levels. CASC strives to promote the implementation of "two maintenances" across the board, unswervingly implement the Party's organizational line in the new era, continuously strengthen the party's grass-roots organizational construction, focus on improving organizational strength, give prominence to political functions, and give play to the role of Party organizations at all levels as battle fortresses [战斗堡垒] in the course of "guaranteeing success with high quality, completing tasks with high efficiency, pushing forward aerospace great power and national defense construction with high effectiveness" ["高质量保证成功、高效率完成任务、高效益推动航天强国和国防建设"]. CASC strives to promote the realization of "two maintenances" in the whole field, unswervingly implements the important requirements of General Secretary Xi Jinping's "two consistent principles" [两个一以贯之], strives to deepen enterprise reform, ceaselessly realizes the organization, institutionalization, and concretization of the leading role of Party committees at all levels in "setting the direction, managing the overall situation, and promoting implementation." It continues to promote the three-year operation of state-owned enterprise reform and the "3+1" reform; guides vast numbers of cadres and workers to further scientifically grasp the new development stage, thoroughly implement the new development concept, and accelerate the construction of a new development pattern; and ceaselessly brings together the strong synergy of the aerospace dream to support the great power dream [强国梦]. CASC strives to promote all employees to achieve the "two maintenances," unswervingly implement major national strategic deployments, take the initiative do a good job in tackling key core technologies, ceaselessly strengthen the national strategic scientific and technological capabilities, address "dangerous, urgent and heavy" [急难险重] problems, widely set up stages [舞台] and carriers [载体], ceaselessly give play to the role of all Party members as vanguards and models, continue to drive all cadres and workers to forge ahead in a pioneering,

innovative and courageous state, implement the important instructions and instructions of General Secretary Xi Jinping and the major decisions and arrangements of the Party Central Committee in their work and actions, and spare no effort to complete the major national aerospace engineering tasks.

- (3) Adhere to promoting the aerospace spirit, and ceaselessly gather the majestic forces of the "two maintenances"

A person cannot stand without spirit, and a country cannot be strong without spirit. In the great practice of the Party's leadership in the continuous growth of the aerospace industry, the constantly enriched and developed aerospace spirit is a concrete manifestation of the great party-building spirit. CASC persists in consolidating efforts from top to bottom, calling on the astronauts of the new era to deeply study the history of the party and the history of aerospace development, following the example of aerospace pioneers, continuing to carry forward the red tradition and inherit the red gene, continuing to transform spiritual strength into firm belief in Marxism, and strengthening conviction in socialism and communism. CASC persists in deepening efforts from top to bottom, solidly promoting theoretical research of the aerospace spirit, launching series of cultural products, ceaselessly enriching the connotation and extension of the aerospace spirit, providing more annotations and support for the great spirit of party building, and continuing to inspire the vast numbers of cadres and workers to integrate their personal struggles into the ideological, theoretical and action consciousness of the great rejuvenation of the Chinese nation. CASC persists in strengthening efforts from top to bottom, improving the effectiveness of positive dissemination of the good voice of spaceflight and telling the story of spaceflight in the new era, promoting the aerospace spirit in all of society, leading people from all walks of life in society to deeply appreciate the remarkable achievements in the aerospace industry under the leadership of the party, more firmly supporting the "two establishments" and achieving the "two maintenances."

3. Continue to build a first-class enterprise, unswervingly be the mainstay of building a strong aerospace country

Supporting "two establishments" and achieving the "two maintenances" is not an empty slogan. It must be defended by firm ideals and beliefs, maintained by practical performance, and ultimately reflected in the actual effect of accelerating the construction of an aerospace great power. CASC anchors the strategic goal of "promoting the construction of an aerospace great power, supporting the construction of a world-class military, and building a world-class aerospace enterprise group", and strives to become a strong and reliable force for the Party and the country.

- (1) Focus on fulfilling the primary responsibility of strengthening the military, and continuously consolidate the thickness of the cornerstone of the national security strategy

The 19th National Congress of the Communist Party of China made a strategic plan to build a modern socialist country in an all-round way, and proposed to accelerate the construction of an aerospace great power and a world-class army. The "Resolution of the Central Committee of the Communist Party of China on the Major Achievements and Historical Experience of the Party's Centennial Struggle" pointed out that by 2027, the centenary struggle goal for the founding of the army will be realized; by 2035 the modernization of national defense and the military will be basically realized; and by the middle of this century, a new "three-step" strategy for national

defense and military modernization will be completed in an all-round way to build a world-class army. A strong country must have a strong army, and only military strength can make the country safe. CASC has always kept in mind the primary responsibility of strengthening the military; thoroughly researched and judged the international strategic pattern and national security situation; deeply understood the strategic significance of national defense modernization; dared to take the lead in the exploration and development of strategic, cutting-edge and disruptive technologies; always relied on scientific and technological progress; continuously promoted the independent innovation of weapons and equipment and the actual, systematic and intelligent development of missile weapons and equipment; ensured high-level innovation, high-quality development, and efficient production and delivery of missile weapons and equipment; made new achievements in key areas such as the construction of military aerospace equipment systems and space-based aerospace infrastructure; provided strong support for the continuous modernization of the military; built a solid foundation for national defense and security with practical actions; and defended the interests of the country and the nation.

(2) Focus on exploring the vast universe, and constantly advance to new heights in space

Entering the new era, the CPC Central Committee with Comrade Xi Jinping at its core has a long-term vision and a scientific plan to make strategic deployments to build an aerospace great power, give full play to the advantages of the new national system, and vigorously promote a series of major aerospace projects. Faces the major battlefields of science and technology and the major needs of the country, CASC has persistently promoted research of core technologies and continuously enhanced its independent innovation capabilities. On the basis of a series of world-leading achievements such as the construction of China's space station entering the stage of full implementation, the lunar exploration project successfully completing the three-step strategy of "circling, landing, and returning", Tianwen-1 successfully completing its first Mars exploration mission, the Beidou-3 global satellite navigation system being fully completed and put into service, and our country's first solar exploration satellite "Xihe" being successfully launched, CASC has accelerated the development of a new generation of manned launch vehicles and high-thrust solid launch vehicles, in-depth research and technological breakthroughs in the next-generation Beidou satellite navigation system, the construction and operation of the Chinese space station, the next phase of lunar and planetary exploration projects, etc; continued to strengthen the ability to enter, use, and explore space; and comprehensively enhanced the international competitiveness of China's aerospace industry.

(3) Focus on serving the national economy and people's livelihood, and continuously improve aerospace technology to create a better living temperature

General Secretary Xi Jinping pointed out that "the country is the people, and the people are the country", and "letting the people live a good life is the starting point and end point of all our work." CASC has profoundly concluded that it has played an effective role in fighting major natural disasters and responding to major emergencies, strongly supported the opening and closing ceremonies of the Beijing Winter Olympics and Winter Paralympics as a technical support implementation unit, fulfilled the promise of "you can always trust China Aerospace," effectively implemented beneficial experiences in fulfilling economic, political, social and ecological responsibilities, actively responded to major national strategies, continuously promoted industrial layout optimization and structural adjustment, continued to focus on

important industries and key areas related to national security and the lifeline of the national economy, accelerated the development of strategic emerging industries such as satellite applications and high-end equipment manufacturing, strived to cultivate and create a new industry format of "aerospace + informatization +", relied on aerospace scientific and technological innovation to create a better life, and strongly supported the construction of a manufacturing great power [制造强国], a [product] quality great power [质量强国], an Internet great power [网络强国] and a digital China [数字中国].

The vast universe is full of mysteries, and space exploration is endless. In the new journey of building a powerful aerospace country in an all-round way, CASC will unite more closely around the Party Central Committee with Comrade Xi Jinping at its core, and under the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for the New Era, we will strive to write a new chapter worthy of the party, worthy of the motherland, and worthy of the times, effectively supporting the construction of a powerful aerospace great power and a world-class army, and making unremitting efforts to achieve the second centenary goal and realize the Chinese dream of the great rejuvenation of the Chinese nation! Let's welcome the Party's 20th National Congress with excellent results!

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