

रडार की पकड़ से बाहर रहेंगे टैंक और अन्य हथियार

जागरण संवाददाता, कानपुर : अब सेना के टैंक व दूसरे हथियारों को दुश्मन रडार तकनीक से भी नहीं देख पाएंगे। डिफेंस मैटेरियल स्टोर्स रिसर्च एंड डेवलपमेंट इस्टेब्लिशमेंट (डीएमएसआरडीई) कानपुर ने इसकी पुख्ता व्यवस्था कर दी है। मोबाइल कैमोफ्लैग सिस्टम का निर्माण शुरू हो गया है। इसे बनाने के लिए सेना ने भारी-भरकम ऑर्डर दिया है।

अभी तक सीमा पर लड़ाई के दौरान सेना के टैंक और दूसरे हथियार दुश्मन रडार के जरिए आसानी से ट्रैक कर लेते थे, लेकिन अब ऐसा बिल्कुल नहीं होगा। इसके लिए डीएमएसआरडीई ने मोबाइल कैमोफ्लैग सिस्टम विकसित किया है। इसका इस्तेमाल टैंक व दूसरे हथियारों में किया जाएगा, जिससे लोकेशन ट्रैक नहीं की जा सकेगी। सेना ने

इसका वृहद उत्पादन करने का आर्डर दिया है। डीएमएसआरडीई ने इस पर काम भी चालू कर दिया है।

मोबाइल कैमोफ्लैग सिस्टम न्यूनतम 2.6 से 4.2 किलोमीटर के क्षेत्रफल में काम करेगा। इस बीच दुश्मन के रडार हथियारों को ट्रैक नहीं कर सकेंगे। सिस्टम में सोलर लोडिंग की सुविधा होगी जिसका बैकअप एक घंटे तक रहेगा।

ऐसे काम करेगा सिस्टम : मोबाइल कैमोफ्लैग सिस्टम जाल सरीखा होता है। इसे टी 90 समेत दूसरे टैंकों और अन्य हथियारों पर बिछा देते हैं, रडार टेक्नोलॉजी होने के कारण इसे बिछते ही हथियार रंग बदल देगा। अंधेरे में दुश्मन टैंक या अन्य हथियारों को पकड़ नहीं पाएंगे।



Tejas chief designer felicitated

Kota Harinarayana, the programme director and chief designer of India's Light Combat Aircraft (LCA) Tejas, was accorded a civic reception in his hometown of Berhampur in Odisha on Sunday.

It was the first visit of Mr. Harinarayana to his home in Berhampur after Tejas got inducted into the Indian Air Force (IAF). His childhood, schooling and college life was in Berhampur. The civic reception on Sunday in his honour had been jointly organised by former students' association of City High School of Berhampur, where Mr. Harinarayana had studied, civic organisation Forum for Ganjam and Rotary Club of Behampur.

Mr. Harinarayana along with his wife K. Nirmala attended the function. Some teachers of Mr. Harinarayana like M. Jagannath Rao were present on the occasion apart from local MLA Ramesh Chandra Chyaupatnaik, chairperson of Berhampur Development Authority Subash Moharana sub-collector and other dignitaries of the city. Addressing the gathering Mr. Harinarayana said Indians living anywhere in the country including Berhampur should discard inferiority complex from their minds as they can achieve anything with proper perseverance. According to him Tejas was an example of this.

'At par or better than aircraft of its category'

He reiterated that indigenous Tejas was at par or better than aircraft of its category produced in any developed country. "It would be able to replace old fighter aircrafts of the country like the MIG", he added. He hoped that in future light passenger aircrafts would enhance communication link in India. Mr. Harinarayana is also linked with hopes, aspirations and demands of his home town Berhampur. He informed that he is approaching all relevant authorities to upgrade the Rangeilunda airstrip near Berhampur to a full fledged airport.



Proud moment: Kota Harinarayana and his wife K. Nirmala being accorded a civic reception in his hometown Berhampur, Odisha, on Sunday.

He felt if this 1850 m long air strip is extended to at least 2250 m length then cargo planes would be able to land on it. It would be a great adage to the Special Economic Zone (SEZ) coming up near Gopalpur port in Ganjam district. He called upon people of south Odisha to come together to form an integrated developmental plan, in which both public and private authorities would be given equal and proper importance.



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Tejas chief designer recalls childhood days in Silk City



Berhampur: Veteran aerospace engineer Kota Harinarayan – considered the father of the indigenously-built Tejas Light Combat Aircraft—took a trip down memory lane during a visit to his home city of Berhampur Monday, where he was felicitated by a bevy of old friends.

Harinarayan, former chief designer of light fighter planes at the Defence Research and Development Organisation, spearheaded the Tejas project at a time when India was majorly dependent upon Russia for its fighter jet needs.

“It feels nice to be visiting my place of birth,” Harinarayan said at a felicitation programme held at the Town Hall, surrounded by members of the ex-students’ union of the City High School where he studied. Also present were members of the Rotary Club and Forum for Ganjam. Sitting next to him was his wife Nirmala.

“The pool of talent that our country has today is enormous. I’m sure a day will come when India will soon begin exporting fighter aircraft,” Harinarayan said.

Born at Gouda Sahi of Badabazar in 1943, Harinarayan cracked both engineering and medical entrances after passing out of City High School. He chose to pursue engineering and obtained a degree in mechanical engineering from Banaras Hindu University. After watching a fighter jet perform a sortie, Harinarayan was attracted towards a career in aerospace and soon after did a course in aerospace engineering at the Indian Institute of Science in Bangalore.

Later, he went to work with Hindustan Aeronautics Ltd in Bangalore and later joined DRDO.

In 1982, Harinarayan became the chief designer at HAL’s Nasik division and later joined as ADA Director of DRDO-Bangalore. He became the programme director of DRDO and the chief designer of light fighter planes. The Government of Indian conferred upon him the Padma Shri award in 2002 for his outstanding service to the nation. Reminiscing on his journey with Tejas, Harinarayan said there was a time when the project was considered a write-off. “India was heavily reliant upon Russia for war planes. That is when we felt the need for an indigenous fighter aircraft, and thus Tejas was born. However, many people were sceptical of the project. The same people are now vying to become partners in the project now,” he said.

“I hope to see Tejas becoming a full-fledged part of the Indian Air Force very soon,” Harinarayan added. Harinarayan said he has always wanted to play a role in the development of Berhampur and southern Orissa, and added that he had had discussions with the state government setting up of an airstrip at Rangeilunda and appointment of a permanent director at Indian Institute of Science, Education and Research (IISER) in Berhampur. “I have many fond memories of growing up in Berhampur and I would love to be a part of its development,” Harinarayan said. Sub-collector Laxmidhar Sethi, MLA Ramesh Chandra Chyaupatnaik, BDA chairman Subas Maharana and many others were present during his felicitation programme. PNN