

**DAY 1 Wednesday, 05 September 2018**

0830 - 0930 hrs	<b>Registration &amp; Welcome Tea</b>
0930 - 1025 hrs	<b>Inaugural Session</b>
1025 - 1045 hrs	<b>Tea/ Coffee</b>
1045 - 1115 hrs	<p><b>Session I: Capital Procurements</b></p> <p>The Technology Perspective and Capability Roadmap (TPCR)-2018 has been issued by the Government as a part of several initiatives to empower the defence industry. The Deputy Chief of Air Staff will elaborate on the IAF's commitment and interact on projects under this initiative</p>
1115 - 1300 hrs	<p><b>Session II: Make in India Initiative: Where do we stand?</b></p> <p>The Make in India initiative has been the catalyst to galvanise local entrepreneurs to innovate and produce for India and slowly graduate to exporting to other nations. The process is an ongoing one and this session would endeavour to undertake a status check of this modernisation process.</p>
1300 - 1345 hrs	<b>Lunch</b>
1345 - 1415 hrs	<p><b>Session III: Make in India: Opportunities in Repair &amp; Overhaul</b></p> <p>In the defence field, the intent is of generating in-house R&amp;D as well as acquiring manufacturing expertise to help the nation retain strategic autonomy. A significant portion of the defence budget is also spent on repair and overhaul of various systems held on IAF inventory. During this session the Air Officer In-Charge Maintenance (AOM) will dwell on IAF's requirements and interact on the opportunities accorded by IAF in the field of Maintenance and Repair.</p>
1415 - 1540 hrs	<p><b>Session IV: Defence Industrial Corridors</b></p> <p>State Governments will play a crucial role in attracting investments into aerospace sector. The support includes provisioning of land and other regulatory approvals. This session would highlight the initiatives by the various state governments in attracting investments in the crucial Aerospace and Defence sector.</p>
1540 - 1600 hrs	<b>Tea/Coffee</b>
1600 - 1745 hrs	<p><b>Session V: Expectations from the Government</b></p> <p>With over three years into the Make in India process, it is time for a status check on whether we have reached the inflexion point and whether the change has occurred at the pace desired. What else needs to be done to accelerate the movement in terms of policy reviews, resource allocation and regulatory support. These would be discussed during the session.</p>

**DAY 2 Thursday, 06 September 2018**

0900 - 0930 hrs	<b>Tea/Coffee</b>
0930-1005 hrs	<b>Special Address by JS, MEA on Implication of India's Membership To export control Regime (Wassenaar)</b>
1005-1130 hrs	<p><b>Session VI: MSMEs: The Real Movers of Aerospace Industry</b></p> <p>The vital role of MSMEs in the development of a robust A&amp;D sector is well understood; the 'Make' Procedures have also been recently simplified. During this session the impact of policy changes on the performance of the MSMEs as a part of the A&amp;D industry, along with entire gamut of issues would be discussed in order to derive tangible recommendations</p>
1130- 1150 hrs	<b>Tea/Coffee</b>
1150- 1255 hrs	<p><b>Session VII: Panel Discussion on Aerospace Industry</b></p> <p>The setting up of an R&amp;D or manufacturing facility in the A &amp; D sector is likely to involve the industry majors, primarily due to the high capital costs involved. Views of top level management about the path being tread and the future outlook would be exchanged in this session.</p>
1300- 1320 hrs	<b>Valedictory Session</b>
1320 hrs	<b>Lunch</b>

**FOR MORE INFORMATION, PLEASE CONTACT**

**SIDM**  
SOCIETY OF INDIAN DEFENCE MANUFACTURERS  
**Confederation of Indian Industry**  
 Society of Indian Defence Manufacturers  
 C/o Confederation of Indian Industry  
 India Habitat Centre, Core 4 A, 4th Floor, Lodi Road  
 New Delhi - 110003, India  
 Ph.: +91 11 24682230 – 35, Fax: +91 11 24682226  
 E: sumit.rajput@cii.in/ divya.chopra@cii.in, W: www.cii.in

**Centre for Air Power Studies**  
 P-284, Arjan Path, Subroto Park  
 New Delhi - 110010, India  
 Ph.: 91-11-25699131, 25699132, F: +91-11-25682533  
 E: capsnetdroff@gmail.com, W: www.capsindia.org



**13<sup>th</sup> International Conference on  
 ENERGISING INDIAN  
 AEROSPACE INDUSTRY:  
 MAPPING THE CHANGE**

**5 - 6 September 2018, India Habitat Centre, Lodhi Road, New Delhi**





एयर चीफ मार्शल बी एस धनोआ  
 Air Chief Marshal BS Dhanoa  
 Air Headquarters  
 New Delhi - 110 106  
 Tel : (011) Off : 23012517  
 Res : 23017300  
 Fax : 23018853  
 Email : hawkeye@bol.net.in

वायु सेना मुख्यालय  
 नई दिल्ली - 110106  
 Air Headquarters  
 New Delhi - 110 106

### MESSAGE



1. It gives me immense pleasure to learn that Centre for Air Power Studies (CAPS) along with Confederation of Indian Industry (CII) is organising its 13th Annual International Conference on 'Energising Indian Aerospace Industry: Mapping the Change'.
2. Aerospace Power is an important component of Comprehensive National Power. With its unique characteristics of flexibility, responsiveness and reach, it is the preferred option for the Nation's leadership for expeditiously responding to emergent security challenges and contingencies, both in war and in peace. The very nature of aerospace platforms and associated equipment, both military and civil, makes it the incubator of leading edge technologies and manufacturing processes. Hence any country aspiring for greatness must concentrate on and invest in Aerospace Power and Aerospace Industry.

3. The IAF has always encouraged the development of indigenous defence production capability and capacities. IAF firmly believes that indigenisation provides enhanced flexibility by reducing dependence on external agencies and leads to the economic growth of the nation. To reduce our dependence on foreign OEMs, we have to develop military aviation technologies within the country. 'Make in India' has drawn focus of International defence manufacturers towards India. Indian industry has also come forward to form various Joint Ventures (JVs) with OEMs to manufacture defence products within India. These JVs have the potential to create an aerospace eco system within the country and can generate a market for exports.
4. The theme of the Conference 'Energising Indian Aerospace Industry: Mapping the Change' is apt considering the focus on design and development in the changing geo-political scenario. Energising aerospace industry in India would be of immense benefit to the Indian Air Force which is in the process of transforming itself into a multi-spectrum strategic force. I am sure that all sessions of the seminar would generate a professionally enriched debate and suggest ways to overcome the challenges that we face today.
5. My best wishes to CAPS, CII and all the participants of the Conference. I am confident that the constructive discussions and deliberations will promote the growth of Indian Aerospace Industry and enhance our self reliance in defence.

*Bisende*

Air Chief Marshal  
 Chief of the Air Staff

26 Aug 18

## CONCEPT NOTE

The Make in India initiative of the Government of India has been the catalyst to galvanise local entrepreneurs to innovate and produce for India and slowly graduate to exporting to other nations. In the defence field, the intent is of generating in-house R&D as well as acquiring manufacturing expertise to help the nation retain strategic autonomy, especially in view of the heightened security challenges that India faces. Since setting up a defence manufacturing base takes time, India will remain a net importer of key defence equipment for some years to come. There is also an increasing realisation that while the ownership of technologies is important, the economic viability of a niche project is a challenge for private players due the high investments necessary in R&D and low volumes in domestic purchases.

The acquisitions of the Indian Air Force (IAF) are capital intensive and with its commitment to indigenisation, the nation's air force is an important cog in the government's drive for increased local procurement. The nation is expected to have a requirement of 100 bn USD worth defence equipment in the next five to ten years, with 20 billion USD being for military aircraft alone. It is in the nation's interest that Indian entities, both big and small, cash in on the offsets that would flow from the resultant IAF contracts; the same is true for the large helicopter purchases planned for the other services. The establishment of Defence Industrial Corridors is a welcome sign of the interest shown by many state governments to be a part of the defence eco-system being developed, with aerospace entities as its major residents.

With over three years into the Make in India process, it is time for a status check on whether we have reached the inflexion point and whether change has occurred at the desired pace. What else needs to be done to accelerate the movement, is a question that must drive the inquisitive mind – especially in terms of policy reviews, resource allocation and regulatory support. The feedback from the industry would be vital in framing deductions that accrue from such debates.

The Centre for Air Power Studies, Society of Indian Defence Manufacturers and the Confederation of Indian Industry along with the IAF have provided a platform through a yearly conference to debate issues that concern the Indian aerospace industry; this year, the 13th International Conference on Energising Indian Aerospace Industry: Mapping the Change, is planned for a day and a half at the India Habitat Centre, Lodhi Road, New Delhi on September 05-6, 2018. The conference, as in the earlier editions, would bring together Government officials, serving Armed Forces officers, captains of industry (both Indian and foreign), MSMEs, academia and the users to discuss and arrive at action points that could assist policy makers; these would be forwarded (as has been done in earlier years too) to senior functionaries in the Prime Minister's Office, Ministry of Defence, National Security Council, Dept of MSMEs et al. The themes of various sessions of the Conference will be as under:-

- Session I** Capital Procurements (with a special session with the Deputy Chief of Air Staff who looks after IAF's capital acquisitions).
- Session II** Make in India Initiative: Where do we stand?
- Session III** Make in India: Opportunities in Repair & Overhaul (with a special session with the Air Officer in-charge Maintenance who looks after IAF's maintenance and revenue budget).
- Session IV** Defence Industrial Corridors (outreach by State Governments who have set up these special zones).
- Session V** Expectations from the Government (with a special address by Joint Secretary (DIP) in Dept of Defence Production).  
 Special Address by JS, MEA on Implication of India's Membership To export control Regime (Wassenaar)
- Session VI** MSMEs: The Real Movers of Aerospace Industry.
- Session VII** Panel Discussion with captains of major aerospace industries.

