The Office of the Deputy Assistant Secretary of Defense Industrial Policy and the Deputy Director, Research & Engineering – Technology & Manufacturing Industrial Base work together to ensure a robust defense industrial base, from development through production.
Ensure robust, secure, resilient, and innovative industrial capabilities upon which the Department of Defense can rely in an era of great power competition to fulfill current and future Warfighter requirements.

“A healthy defense industrial base is a critical element of U.S. power and the National Security Innovation Base. The ability of the military to surge in response to an emergency depends on our Nation’s ability to produce needed parts and systems, healthy and secure supply chains, and a skilled U.S. workforce.”

2017 National Security Strategy
The drive to develop new technologies is relentless, expanding to more actors with lower barriers of entry, and moving at accelerating speed. New technologies include advanced computing, “big data” analytics, artificial intelligence, autonomy, robotics, directed energy, hypersonics, and biotechnology— the very technologies that ensure we will be able to fight and win the wars of the future.” — 2018 National Defense Strategy
The Defense Contract Management Agency’s (DCMA) Industrial Analysis Group (IAG) performs industrial capacity analyses.

In February 2019, DCMA-IAG began a study to analyze the industrial base capacity and capability (existing or in development) for DoD hypersonic weapons, as well as to assess future technology base needs.

Existing Service IB studies served as a starting point to identify key areas to cover under this assessment.
The DCMA-IAG Hypersonics study will identify issues in the Defense Industrial Base with respect to capability and capacity, and any efforts needed to continue development and to transition hypersonic technology to production. Areas of focus include:

<table>
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<th>Capacity</th>
<th>Capability</th>
<th>Industrial Base Bottlenecks</th>
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<td>Technical Workforce</td>
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<td>R&amp;D Support</td>
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TMIB Support to Hypersonics Tech Development Strategy

TMIB is developing a strategy to ensure sufficient domestic manufacturing and industrial base capacity exists for production of Hypersonics systems.

- **Phase 1: Assess**
  - Consolidate prior reports
    - Concerns
    - Risks
    - Opportunities
  - Evaluate
    - Need for follow-on assessments or studies

- **Phase 2: Promote and Protect**
  - Promote national competency in Hypersonics technologies
    - Materials
    - Capacity
    - Skilled workforce
    - Manufacturing
    - Infrastructure
  - Protect
    - IP tech-transfer and export controls
    - Committee on Foreign Investment in U.S.

- **Phase 3: Monitor**
  - Coordinate with stakeholders
    - Ensure continued evaluation of US-peer capability (IB studies, site-visits, contract compliance, etc.)
  - Report
    - Measure the effectiveness of the strategies
  - Evaluate
    - Additional assessments
    - Modifications to strategies
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Questions