HORNET INDUSTRY TEAM FACT SHEET

General Electric

- GE employs over 6,000 engineers and technicians at the John F. Welch Technology Center (JFWTC) in Bangalore, one of GE's largest integrated multi-disciplinary research and development centers outside the US.
- Of these, over 1,000 personnel are dedicated aviation engineering staff and engaged in engine component design, engine dynamics, aerodynamics, and combustion for a number of GE Aviation engines.
- GE Aviation's Multi-modal Manufacturing Facility (MMF) in Pune produces components and leverages local suppliers for the component production for numerous military and commercial aircraft engines. GE Aviation envisions that it will continue to identify and expand opportunities with local Indian companies to satisfy the Indian defence and aerospace industry self-reliance objectives.
- Specific to the F/A-18 Super Hornet, the engineering resources and capabilities at the Bangalore Engineering Center could be leveraged to support the F414-GE-400 engine. GE Aviation could also leverage the organic maintenance capabilities being established by India for the F404-GE-IN20 engine fleet.
- Powered by the GE F-414 engine that has logged more than 5 million hours, the F/A-18 Block III Super Hornet uses the same family of engines that is powering India's indigenous Light Combat Aircraft (LCA); that has already been inducted by the Indian Air Force. The commonality in engines will create scale efficiencies for potential sustainment opportunities in the future.
- The F414-INS6 was selected by India's Aeronautical Development Agency (ADA) and is qualified to power the Mk2 version of the Tejas LCA. The F414-INS6 for the LCA Mk2 has a Make in India requirement which GE is committed to support upon entering the production phase.
- The F414-INS6 is also a potential powerplant for emerging Indian platforms such as the Advanced Medium Combat Aircraft, as well as other potential applications.
- For more information, visit: https://www.geaviation.com/sites/default/files/2022-01/F414-Datasheet.pdf and https://www.geaviation.com/propulsion/military/f414.

Northrop Grumman

- Northrop Grumman is currently engaged with several Indian companies to develop a comprehensive indigenous support ecosystem for structural and subsystems components within the Northrop Grumman scope of work. By working with current Super Hornet Industry Team members, Northrop Grumman envisions establishing an aircraft post-delivery support Organizational and Intermediate level capability in India.
- The potential business opportunities, which are consistent with organizational and intermediate level tactical fighter sustainment effort, would focus on the following potential business opportunity areas:
    - Engineering and Logistics Post Delivery Support;
    - Repair of Reparable (e.g. Door Assemblies); and,

    - Major Spares through Northrop Grumman's current Super Hornet suppliers.
- For more information, visit: https://www.northropgrumman.com/what-we-do/air/fa18-superhornet/

Raytheon Technologies

- Raytheon Technologies is a leading aerospace and defense company with 174,000 employees, doing business in 100 countries, that provides connected, more sustainable aviation solutions, smarter defense systems and intelligent space technologies. Raytheon Technologies is comprised of four complimentary industry leading businesses – **Collins Aerospace, Pratt & Whitney, Raytheon Intelligence & Space and Raytheon Missiles & Defense**.
- RTX employs over 5,000 people in India through Collins Aerospace design and manufacturing centers and Pratt & Whitney training centers. We've had a presence in the country since the 1960s. We are committed to the government's Make in India, Digital India and Skill India initiatives. We have three major facility locations of Bengaluru, Gurgaon and Hyderabad and look to grow our presence and partnership in the country.
- Raytheon Missiles and Defense provide the APG-79 AESA Fire Control Radar, ALR-67G(V)3 RWR (Radar Warning Receiver), AIM-120 AMRAAM and AIM-9X Sidewinder missiles, MIDS (Multifunctional Information Distribution System) integrated digital data and voice communications, and ARC-210 radios to the Super Hornet.
- For Super Hornet, we will collaborate through our in-country teams to engage with India industry regarding company supplier sourcing and oversight of selected suppliers. RTX has previously contacted and qualified a set of leading electronics and equipment suppliers in India as candidates for build-to-print production of approved APG-79 radar components, including machined assemblies, wired chassis assemblies, and power conversion units. We are additionally looking to do this for ALR-67 RWR chassis and wiring components. Upon Super Hornet selection, RTX would complete an in-depth sourcing effort for the RTX components, then equipped with this experience, work on expanding India company sourcing to other areas.
- **Pratt & Whitney**, another Raytheon subsidiary, has had a seven-decade long partnership with the Indian aerospace sector. It has more than 1,500 engines and auxiliary power units (APUs) in-service today. Pratt & Whitney's significant investments in-country include a state-of-the-art India Customer Training Center in Hyderabad; an R&D center at the Indian Institute of Science, Bengaluru; a world-class global supply chain operations center in Bengaluru, and the upcoming India Engineering Center (IEC), slated to commence operations in 2023 and employ more 500 engineers and professionals when fully staffed.
- For more information, visit: https://www.raytheonintelligenceandspace.com/what-we-do/air-dominance/aesa-radars/apg79aesa

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