

## Multi-domain Command and Control At Hanscom Air Force Base

At the January 2019 meeting of the Hanscom Area Towns Committee, John C. Beatty, Executive Director of the Massachusetts Military Asset and Security Strategy Task Force explained that artificial intelligence data collection sensors are expected to play an increasing role in helping generals make battlefield decisions, and that decision-making will accelerate among military services and their domain operations across air, ground, sea, and space.

*“The heart and soul of multi-domain command and control is here at Hanscom.”* ~ Air Force Chief of Staff General David L. Goldfein

Beatty alluded to Gen. Goldfein's quote, made during a previous visit to HAFB, to illustrate the importance of the Base to the Department of Defense.

<https://www.thebedfordcitizen.org/2017/03/air-force-chief-staff-general-david-goldfein-visits-hanscom-air-force-base/>

The Director anticipates that HAFB will remain central to all discussions of the future of the military because of its three invaluable Program Executive Office (PEO) missions:

- PEO Command, Control, Communications, Intelligence and Networks (C3I&N)
- PEO Nuclear Command, Control, and Communications (NC3)
- PEO Digital (formerly known as Battlefield Management)

Beatty emphasized that these programs bring valuable new jobs and economic activity not only to the Base, but also to surrounding communities. He cited in particular two recent important HAFB developments: Project Kessel Run and the recapitalization of MIT Lincoln Laboratory.

- The cutting-edge Project Kessel Run Experimentation Lab is being administered by HAFB's Battle Management division, in collaboration with San Francisco-based Pivotal Software Inc. (*Star Wars fans may recognize the Project name as the hyperspace route navigated in record time by Hans Solo in the Millennium Falcon starship.*) Kessel Run pairs airmen with civilian software production professionals in a shared workspace in Boston's North End to develop next-generation combat software at an accelerated pace. (<https://www.hanscom.af.mil/News/Article-Display/Article/1517830/kessel-run-hits-hyperdrive/>)
- The Task Force also successfully lobbied for an appropriation of the first \$90 million of an expected \$235 million recapitalization plan for the new Compound Semiconductor Laboratory-Microelectronics Integration Facility at HAFB's MIT Lincoln Laboratory. <https://www.ll.mit.edu/partner-us/government> and <https://www.thebedfordcitizen.org/2019/01/hats-an-update-from-col-chad-ellsworth/>