(2) The terms “trust” and “trusted” refer, with respect to electronic and information processing systems, to the ability of the Department of Defense to have confidence that the systems function as intended and are free of exploitable vulnerabilities, either intentionally or unintentionally designed or inserted as part of the system at any time during its lifecycle.

(3) The term “trusted foundry services” means the program of the National Security Agency and the Department of Defense, or any similar program approved by the Secretary of Defense, for the development and manufacture of integrated circuits for critical defense systems in secure industrial environments.

SEC. 255. CAPABILITIES-BASED ASSESSMENT TO OUTLINE A JOINT APPROACH FOR FUTURE DEVELOPMENT OF VERTICAL LIFT AIRCRAFT AND ROTORCRAFT.

(a) ASSESSMENT REQUIRED.—The Secretary of Defense and the Chairman of the Joint Chiefs of Staff shall carry out a capabilities-based assessment that outlines a joint approach to the future development of vertical lift aircraft and rotorcraft for all of the Armed Forces. The assessment shall—

(1) address critical technologies required for future development, including a technology roadmap;
(2) include the development of a detailed science and technology investment and implementation plan and an identification of the resources required to implement such plan; and
(3) include the development of a strategic plan that—
(A) formalizes the strategic vision of the Department of Defense for the next generation of vertical lift aircraft and rotorcraft;
(B) establishes joint requirements for the next generation of vertical lift aircraft and rotorcraft technology; and
(C) emphasizes the development of common service requirements.

(b) REPORT.—The Secretary and the Chairman shall submit to the congressional defense committees a report on the assessment under subsection (a). The report shall include—

(1) the technology roadmap referred to in subsection (a)(1);
(2) the plan and the identification of resources referred to in subsection (a)(2);
(3) the strategic plan referred to in subsection (a)(3); and
(4) a detailed plan to establish a Joint Vertical Lift Aircraft/ Rotorcraft Office based on lessons learned from the Joint Advanced Strike Technology Office.

SEC. 256. EXECUTIVE AGENT FOR PRINTED CIRCUIT BOARD TECHNOLOGY.

(a) EXECUTIVE AGENT.—Not later than 90 days after the date of the enactment of this Act, the Secretary of Defense shall designate a senior official of the Department of Defense to act as the executive agent for printed circuit board technology.

(b) ROLES, RESPONSIBILITIES, AND AUTHORITIES.—

(1) ESTABLISHMENT.—Not later than one year after the date of the enactment of this Act, and in accordance with Directive 5101.1, the Secretary of Defense shall prescribe the roles, responsibilities, and authorities of the executive agent designated under subsection (a).