



F-35 LIGHTNING II JOINT PROGRAM OFFICE
200 12th Street South, Suite 600
Arlington, Virginia 22202-5402



MEMORANDUM FROM F-35 Authorizing Official (AO)

TO: F-35 Operational Sites Information System Security Managers (ISSM)
F-35 Joint Program Office (JPO) Program Management Office (PMO)

SUBJECT: (U) Information Technology (IT) Special Equipment Exemption Determination for the
F-35 Portable Intermittent Fault Detector (PIFD)

Reference: (a) Department of Defense (DoD) Instruction (DoDI) 8510.01, Risk Management
Framework (RMF) for DoD Information Technology (IT), 12 March 2014,
incorporating change 2, 28 July 2017

(b) F-35 Program Instruction 500-02.01, IT Special Equipment Exemption Process,
11 September 2017

(c) Attachment 2: F-35 IT Special Equipment Determination Checklist for the F-35
PIFD v1.0, 19 November 2020

(d) Attachment 3: F-35 IT Special Equipment Security Concept of Operations for the
F-35 PIFD v1.0, 22 September 2020

1. (U) In accordance with references (a) through (d), the F-35 PIFD has been assessed and characterized as IT Special Equipment Type 1, this determination eliminates the requirement of a full RMF assessment.
2. (U) This system is approved for use by all JPO PMOs and at any JPO sponsored facility.
3. (U) The decision to designate the F-35 PIFD as IT Special Equipment is based upon the following:
 - a. F-35 JPO Security Control Assessor (SCA) has reviewed references (a) through (d) and conducted an onsite assessment of subject equipment.
 - b. The SCA has determined that this equipment satisfies a Type 1 (one) definition and has a single purpose of performing advanced diagnostics for the user by detecting, isolating, and investigating faults in wiring, harnesses, looms, connections and circuit boards while being a portable package. This is accomplished by sending an electrical signal through the circuit, and returns a pass/fail if it is able to complete the circuit.
 - c. As the system is currently configured, this system introduces no risk to the Air Vehicle.
4. (U) The AO has reviewed references (a) through (d) and has stipulated the following:
 - a. PIFD is subject to an annual onsite assessment. This assessment will verify the continued need for the system and validate the current state of compliance.

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- b. Any change to the system configuration or failure to adhere to sustaining the equipment as agreed in references (c) and (d) will invalidate this determination and will require a reassessment.
5. (U) Any proposed or considered deviation of this configuration status shall be brought to the attention of the SABI AO representative immediately. The point of contact for this authorization is Denise Madison. She can be reached by phone: (703) 607- 4866 or email: Denise.Madison@jsf.mil.

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JARED M. FREY
Chief Information Security Officer
AO Designated Representative, SABI
F-35 Lightning II Joint Program Office