

AMENDMENT TO RULES COMMITTEE PRINT 119-8
OFFERED BY MR. EVANS OF COLORADO

At the end of subtitle H of title VIII, insert the following new section:

1 **SEC. 8___. ADDITIVE MANUFACTURING GUIDANCE AND**
2 **MANUAL.**

3 (a) GUIDANCE, DEPARTMENT OF DEFENSE IN-
4 STRUCTION UPDATE, AND MANUAL REQUIRED.—Not
5 later than September 30, 2026, the Under Secretary of
6 Defense for Acquisition and Sustainment and the Under
7 Secretary of Defense for Research and Engineering, in
8 consultation with the Secretaries of the military depart-
9 ments, shall—

10 (1) develop and implement mandatory Depart-
11 ment of Defense-wide guidance and standards for
12 qualifying products manufactured using additive
13 manufacturing, including products containing a com-
14 ponent manufactured using additive manufacturing,
15 for use by the Department or any element thereof,
16 including uniform, Department-wide processes and
17 criteria;

18 (2) update Department of Defense instruction
19 5000.93 (relating to the use of additive manufac-

1 turing in the Department of Defense) dated June
2 10, 2021, to waive the requirement to maintain
3 records of all additively produced end-items put into
4 operational use where the additively produced part
5 meets or exceeds performance of the traditionally
6 manufactured end-item; and

7 (3) create a manual in accordance with such in-
8 struction that gets at the technical standards re-
9 quired to qualify parts, components, or products
10 that use advanced manufacturing technologies and
11 techniques, based upon guidance and standards de-
12 veloped in subsection (a).

13 (b) CONSIDERATION.—In carrying out subsection (a),
14 the Under Secretary of Defense for Acquisition and
15 Sustainment and the Under Secretary of Defense for Re-
16 search and Engineering shall consider the 2016 Depart-
17 ment of Defense Additive Manufacturing Roadmap, the
18 2021 Department of Defense Additive Manufacturing
19 Strategy, the 2022 National Strategy for Advanced Manu-
20 facturing, and Department of Defense Instruction
21 5000.93.

22 (c) ALIGNMENT.—The Under Secretary of Defense
23 for Acquisition and Sustainment and the Under Secretary
24 of Defense for Research and Engineering shall ensure that

1 the guidance on the use of advanced manufacturing re-
2 quired by subsection (a)(1)—

3 (1) aligns with Department of Defense acquisi-
4 tion to prioritize flexibility, interoperability, and do-
5 mestic sourcing; and

6 (2) requires the Department to prefer United
7 States manufacturers and equipment and document
8 a justification whenever the Department uses a for-
9 eign source.

10 (d) ELEMENTS.—

11 (1) GUIDANCE.—The guidance required under
12 subsection (a)(1) shall evaluate the feasibility and
13 benefits of developing and implementing the stand-
14 ards described in such subsection.

15 (2) MANUAL.—

16 (A) The guidance required by subsection
17 (a)(1) shall utilize expedited qualification and
18 testing procedures established in section 865 of
19 the National Defense Authorization Act for Fis-
20 cal Year 2025 (10 U.S.C. 4811 note) and result
21 in a manual under subparagraph (3) of such
22 subsection to establish standardized processes
23 to qualify parts and components produced by
24 additive manufacturing techniques and tech-

1 nologies based on performance, rather than
2 specifications for testing and evaluation.

3 (B) The process described in subparagraph
4 (A) shall include a methodology for standard-
5 izing technical production specifications, testing
6 processes, and data reciprocity to share and ac-
7 cept test results of the same additively manu-
8 factured parts across all military departments.

9 (C) The process described in subparagraph
10 (A) shall include test and evaluation results
11 that facilitate data reciprocity across military
12 departments, removing the need for each mili-
13 tary department to independently validate the
14 same parts another military department has al-
15 ready validated.

16 (D) The manual shall include steps to
17 allow for streamlined incremental qualification,
18 rather than complete requalification, when the
19 design and manufacturing process incorporates
20 changes.

21 (E) The process described in paragraph
22 (A) shall explore the option for third-party, ex-
23 ternal certification for companies that cannot
24 afford or do not have the in-house expertise to

1 do this on their own but have the technology
2 that the Department needs.

3 (e) INTERIM BRIEFING.—Not later than 180 days
4 after the date of the enactment of this Act, the Under
5 Secretary of Defense for Acquisition and Sustainment, in
6 coordination with the Secretaries of the military depart-
7 ments, shall provide to the Committees on Armed Services
8 of the Senate and the House of Representatives a briefing
9 on the progress to update guidance and establish a manual
10 as required under subsection (a) and the time for imple-
11 mentation across the Department of Defense, including
12 across the military departments, the standards described
13 in such subsection.

14 (f) MILITARY DEPARTMENTS; SECRETARY CON-
15 CERNED DEFINED.—In this section, the terms “military
16 departments” and “Secretary concerned” have the mean-
17 ings given such terms, respectively, in section 101(a) of
18 title 10, United States Code.

