

**AMENDMENT TO RULES COMMITTEE PRINT 119-8**  
**OFFERED BY MR. NUNN OF IOWA**

At the end of subtitle C of title II, add the following  
new section:

1   **SEC. 2\_\_\_\_. PLAN TO SUPPORT ADVANCED MANUFAC-**  
2                   **TURING AND MATERIALS FOR HYPERSONICS**  
3                   **RESEARCH AND DEVELOPMENT.**

4           (a) PLAN REQUIRED.—The Under Secretary of De-  
5 fense for Acquisition and Sustainment shall develop a plan  
6 for allocating up to \$20,000,000 to develop a comprehen-  
7 sive set of advanced manufacturing practices and ad-  
8 vanced materials for hypersonics research and develop-  
9 ment.

10          (b) ELEMENTS.—At a minimum, the plan under sub-  
11 section (a) shall—

12               (1) address—

13                       (A) intelligence-optimized robotic forming;

14                       (B) additive and subtractive manufac-  
15 turing methods;

16                       (C) precision joining (laser, e-beam, fric-  
17 tion stir) for dissimilar metals and metal/CMC  
18 interfaces; and

1 (D) advanced materials and processing;

2 and

3 (2) define qualification artifacts (process allow-  
4 able, non-destructive inspection procedures, and dig-  
5 ital-thread data standards) and pilot lines executed  
6 by consortia of primes, startups, and Federal labs,  
7 with TRL/MRL, cost, and lead-time objectives.

8 (c) REPORT.—Not later than 180 days after the date  
9 of the enactment of this Act, the Under Secretary of De-  
10 fense for Acquisition and Sustainment shall submit to the  
11 Committees on Armed Services of the Senate and the  
12 House of Representatives a report on the plan developed  
13 under subsection (a).

