

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).

