

AMENDMENT TO RULES COMMITTEE PRINT 118-
10
OFFERED BY MR. RESCENTIALER OF
PENNSYLVANIA

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

1 **SEC. 2** ____ . **REPORT ON RESEARCH RELATING TO LIGHT-**
2 **WEIGHT ADVANCED CARBON MATERIALS .**

3 (a) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that the Department of Defense should support de-
5 velopment-stage research of lightweight advanced carbon
6 materials such as coal-derived graphite and carbon foam
7 for use in electromagnetic interference shielding, signature
8 reduction, aerospace tooling, and other defense applica-
9 tions.

10 (b) REPORT.—No later than March 1, 2024, the Sec-
11 retary of Defense shall submit to the congressional defense
12 committees a report on any research efforts of the Depart-
13 ment of Defense relating to the potential use of light-
14 weight advanced carbon materials for defense applications.
15 Such report shall include an explanation of any research
16 demonstrating the potential use of coal-derived carbon
17 foam as—

- 1 (1) a passive heat exchanger for jet blast
- 2 diverters on aircraft carriers, electromagnetic inter-
- 3 ference shielding and signature reduction;
- 4 (2) aerospace tooling; and
- 5 (3) high-temperature insulation.

