

AMENDMENT NO. _____ Calendar No. _____

Purpose: To expand the development of technology payloads for scientific research, and for other purposes.

IN THE SENATE OF THE UNITED STATES—114th Cong., 2d Sess.

S. 3346

To authorize the programs of the National Aeronautics and Space Administration, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. UDALL

Viz:

1 At the appropriate place, insert the following:

2 **SEC. ____ . FLIGHT OPPORTUNITIES.**

3 (a) DEVELOPMENT OF PAYLOADS.—

4 (1) IN GENERAL.—In order to conduct necessary research, the Administrator shall continue
5 and, as the Administrator considers appropriate, expand the development of technology payloads for—

6 (A) scientific research; and

7 (B) investigating new or improved capabilities.
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1 (2) FUNDS.—For the purpose of carrying out
2 paragraph (1), the Administrator shall make funds
3 available for—

4 (A) flight testing;

5 (B) payload development; and

6 (C) hardware related to subparagraphs (A)
7 and (B).

8 (b) REAFFIRMATION OF POLICY.—Congress reaf-
9 firms that the Administrator should provide flight oppor-
10 tunities for payloads to microgravity environments and
11 suborbital altitudes as authorized by section 907 of the
12 National Aeronautics and Space Administration Author-
13 ization Act of 2010 (42 U.S.C. 18405).

14 **SEC. _____. SENSE OF CONGRESS ON SMALL CLASS**
15 **LAUNCH MISSIONS.**

16 It is the sense of Congress that—

17 (1) Venture Class Launch Services contracts
18 awarded under the Launch Services Program will
19 expand opportunities for future dedicated launches
20 of CubeSats and other small satellites and small or-
21 bital science missions; and

22 (2) principal investigator-led small orbital
23 science missions, including CubeSat class, Small Ex-
24 plorer (SMEX) class, and Venture class, offer valu-
25 able opportunities to advance science at low cost,

1 train the next generation of scientists and engineers,
2 and enable participants to acquire skills in systems
3 engineering and systems integration that are critical
4 to maintaining the Nation's leadership in space and
5 to enhancing United States innovation and competi-
6 tiveness abroad.