

Page 10, after line 19, insert the following (and re-designate accordingly):

1 (3) In addition to the priorities under para-
2 graph (2), the United States has a larger and broad-
3 er need and use for further microgravity research.

Page 12, line 3, insert “the” after “support”.

Page 12, line 5, insert “on” before “surfaces”.

Page 12, line 10, strike “International Space Station” and insert “ISS”.

Page 13, line 7, strike “3 months” and insert “90 days”.

Page 13, line 12, insert “the Administrator” before “shall make available”.

Page 13, line 14, strike “LEO” and insert “Low Earth Orbit”.

Page 13, after line 18, insert the following (and re-designate accordingly):

4 (1) in line with the National Space Council Pol-
5 icy Directive 1, as implemented by the President’s
6 memo of December 11, 2017, the United States
7 should lead the return of humans to the Moon for

1 long-term exploration and utilization, followed by
2 human missions to Mars and other destinations;

Page 13, beginning on line 23, strike “(hereinafter referred to as ‘JSC’)”.

Page 14, line 7, strike “JSC” and insert “Johnson Space Center”.

Page 14, line 12, strike “JSC” and insert “Johnson Space Center”.

Page 15, line 4, strike “JSC” and insert “Johnson Space Center”.

Page 15, line 11, strike “JSC” and insert “Johnson Space Center”.

Page 16, strike lines 8 through 22 and insert the following:

3 (c) GAO REPORT ON METRICS FOR LOGISTICAL AND
4 TRANSPORT REDUNDANCY.—

5 (1) IN GENERAL.—Not later than 180 days
6 after the date of enactment of this Act, the Comp-
7 troller General of the United States shall submit to
8 the Committee on Science, Space, and Technology of
9 the House of Representatives and the Committee on
10 Commerce, Science, and Transportation of the Sen-
11 ate a report that contains an evaluation of appro-

1 to support the launch of Space Launch System con-
2 figurations that use the Exploration Upper Stage.

3 (2) The procurement of a second Interim Cryo-
4 genic Propulsion Stage.

Page 20, line 18, strike “to the greatest extent prac-
ticable, foster” and insert “foster, to the greatest extent
practicable”.

Page 23, line 1, insert “of” before “GISS”.

Page 30, line 5, strike “electric”.

Page 34, line 5, strike “A fundamental objective”
and insert “One of the fundamental objectives”.

Page 35, line 2, strike “project” and insert
“Project”.

Page 35, line 9, strike “project” and insert “Project
from the Aeronautics account”.

Page 35, beginning on line 20, strike “or through a
public private partnership with a United States commer-
cial provider”.

Page 36, line 10, strike “the”.

Strike sections 502, 503, and 506 of the bill (and
redesignate and update the table of contents accordingly).

Page 38, after line 3, insert the following:

1 **SEC. 502. SPACE SERVICES AND IN-SPACE INFRASTRUC-**
2 **TURE.**

3 (a) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that there exist many commercial opportunities with
5 a wide array of providers and partners that will allow for
6 more effective use of taxpayer investments in the pursuit
7 of the long-term goals of NASA, as described in section
8 202(a) of the National Aeronautics and Space Administra-
9 tion Authorization Act of 2010 (42 U.S.C. 18312(a)), in-
10 cluding expanding permanent human presence beyond low-
11 Earth orbit.

12 (b) REPORT.—Not later than 120 days after the date
13 of enactment of this Act, the Administrator shall submit
14 to the Committee on Science, Space, and Technology of
15 the House of Representatives and the Committee on Com-
16 merce, Science, and Transportation of the Senate a report
17 describing the various commercial opportunities and op-
18 tions for the procurement of in-space services or use of
19 in-space infrastructure for exploration and other NASA
20 missions.

Page 43, line 11, insert “, States, and local govern-
ments” after “entities”.

Page 43, line 14, insert “, States, and local govern-
ments” after “entities”.

Page 43, line 24, insert “the” before “Administrator”.

Page 44, line 5, strike “Technologies”.

Page 47, beginning on line 14, strike “the Commerce, Science, and Transportation Committee of the Senate” and insert “the Committee on Commerce, Science, and Transportation of the Senate”.

Page 51, line 20, strike “by President Trump” and insert “in 2017 by the President”.

At the end of the bill, add the following (and update the table of contents accordingly):

1 **SEC. 607. NASA LAUNCH SUPPORT AND INFRASTRUCTURE**

2 **MODERNIZATION PROGRAM.**

3 (a) LAUNCH SUPPORT AND INFRASTRUCTURE MOD-
4 ERNIZATION.—The Administrator shall continue the pro-
5 gram established under section 305 of the National Aero-
6 nautics and Space Administration Authorization Act of
7 2010 (42 U.S.C. 18325) for launch support and infra-
8 structure modernization for launch sites and ranges at
9 NASA facilities that support the International Space Sta-
10 tion mission.

11 (b) LEVERAGE OF INFRASTRUCTURE INVEST-
12 MENTS.—Such program should, to the greatest extent
13 practicable, leverage current and planned State govern-

1 ment infrastructure investments at NASA facilities to sup-
2 port these and other missions and use funding available
3 under this program to collaborate on relevant infrastruc-
4 ture projects.

