

AMENDMENT TO
RULES COMMITTEE PRINT 118-36
OFFERED BY MR. DUNCAN OF SOUTH CAROLINA

At the end of subtitle G of title V, add the following:

1 **SEC. 5 ____ . PILOT PROGRAM FOR VETERANS AND MEMBERS**
2 **OF THE ARMED FORCES WITH EXPERIENCE**
3 **IN SURVEYING AND GEOSPATIAL ACTIVITIES.**

4 (a) **ESTABLISHMENT.**—Not later than one year after
5 the date of enactment of this Act, the Secretary of Defense
6 shall establish a pilot program under which the Secretary
7 shall provide transition assistance to civilian, private sec-
8 tor employment for eligible individuals who have experi-
9 ence in surveying and geospatial services related to service
10 in the Armed Forces.

11 (b) **ELEMENTS.**—The pilot program established
12 under subsection (b) shall incorporate—

13 (1) virtual platforms for coursework and train-
14 ing;

15 (2) hands-on skills labs and assessments;

16 (3) Federal work-based learning opportunities
17 and programs;

18 (4) job fairs, matching activities with potential
19 private sector employers; and

1 (5) the provision of portable credentials to eligi-
2 ble individuals who graduate from the pilot program.

3 (c) COORDINATION.—

4 (1) TRAINING, PLATFORMS, AND FRAME-
5 WORKS.—In developing the pilot program, the Sec-
6 retary of Defense shall coordinate with the heads of
7 other Federal agencies, including but not limited to
8 the Secretary of Labor, the Secretary of Veterans
9 Affairs, the Secretary of the Interior, and the Direc-
10 tor of the Office of Personnel Management, to evalu-
11 ate and, where possible, leverage existing training,
12 platforms, and frameworks of the Federal Govern-
13 ment for engaged in surveying and geospatial activi-
14 ties or providing transition assistance to prevent du-
15 plication of efforts.

16 (2) FEDERAL WORK-BASED LEARNING OPPOR-
17 TUNITIES AND PROGRAMS.—In developing the Fed-
18 eral work-based learning opportunities and programs
19 required under subsection (b)(3), the Secretary of
20 Defense shall coordinate with the Secretary of
21 Labor, the Secretary of Veterans Affairs, the Sec-
22 retary of the Interior, the Director of the Office of
23 Personnel Management, and the heads of other ap-
24 propriate Federal agencies to identify or create

1 interagency opportunities that will enable the pilot
2 program to—

3 (A) bridge the gap between knowledge ac-
4 quisition and skills application for participants;
5 and

6 (B) give participants the training and
7 transition assistance necessary to pursue pri-
8 vate sector employment in the surveying and
9 geospatial field.

10 (d) RESOURCES.—

11 (1) IN GENERAL.—In any case in which the
12 pilot program—

13 (A) uses a program of the Department of
14 Defense or platforms and frameworks described
15 in subsection (e)(1), the Secretary of Defense
16 shall take such actions as may be necessary to
17 ensure that those programs, platforms, and
18 frameworks are expanded and resourced to ac-
19 commodate usage by eligible individuals partici-
20 pating in the pilot program; or

21 (B) does not use a program of the Depart-
22 ment of Defense or platforms and frameworks
23 described in subsection (c)(1), the Secretary of
24 Defense shall take such actions as may be nec-
25 essary to develop or procure programs, plat-

1 forms, and frameworks necessary to carry out
2 the requirements of subsection (c) and accom-
3 modate the usage by eligible individuals partici-
4 pating in the pilot program.

5 (2) ACTIONS.—Actions described in paragraph
6 (1) may include providing additional funding, staff,
7 or other resources to—

8 (A) provide administrative support for
9 basic functions of the pilot program;

10 (B) ensure the success and ongoing en-
11 gagement of eligible individuals participating in
12 the pilot program; and

13 (C) connect graduates of the pilot program
14 to employers and job opportunities in the pri-
15 vate sector.

16 (e) DEFINITIONS.—In this section:

17 (1) The term “eligible individual” means an in-
18 dividual who is—

19 (A) a member of the Armed Forces eligible
20 for preseparation counseling under section 1142
21 of title 10, United States Code; or

22 (B) a veteran.

23 (2) The term “portable credential”—

24 (A) means a documented award by a re-
25 sponsible and authorized entity that has deter-

1 mined that an individual has acquired experi-
2 ence or achieved specific learning outcomes rel-
3 ative to a given standard; and

4 (B) includes a degree, diploma, license,
5 certificate, badge, and professional or industry
6 certification that—

7 (i) has value locally and nationally in
8 labor markets, educational systems, or
9 other contexts;

10 (ii) is defined publicly in such a way
11 that allows educators, employers, and other
12 individuals and entities to understand and
13 verify the full set of skills represented by
14 the credential; and

15 (iii) enables a holder of the credential
16 to move vertically and horizontally within
17 and across training and education systems
18 for the attainment of other credentials.

19 (3) The term “surveying and geospatial”—

20 (A) means services performed by profes-
21 sionals such as surveyors, photogrammetrists,
22 hydrographers, geodesists, or cartographers, or
23 technicians in support of such professionals, in
24 the collection, storage, retrieval, or dissemina-
25 tion of graphical or digital data to depict nat-

1 ural or manmade physical features, phenomena,
2 or boundaries of the earth and any information
3 related to such data, including any such data
4 that comprises a survey, map, chart, geographic
5 information system, remotely sensed image or
6 data, or an aerial photograph, and

7 (B) services such as consultation, inves-
8 tigation, testimony evaluation, expert technical
9 testimony, planning, mapping, assembling, and
10 interpreting reliable scientific measurements
11 and information relative to the location, size,
12 shape, or physical features of the earth, im-
13 provements on the earth, the space above the
14 earth, or any part of the earth, and utilization
15 and development of these facts and interpreta-
16 tion into an orderly survey map, plan, report,
17 description, or project, including, but is not lim-
18 ited to, any one or more of the following:

19 (i) Determining the configuration or
20 contour of the earth's surface or the posi-
21 tion of fixed objects thereon by measuring
22 lines and angles and applying the prin-
23 ciples of mathematics or photogrammetry;

24 (ii) Performing geodetic surveying
25 which includes surveying for determination

1 of the size and shape of the earth utilizing
2 angular and linear measurements through
3 spatially oriented spherical geometry;

4 (iii) Determining, by the use of prin-
5 ciples of surveying, the position for any
6 survey control (non-boundary) monument
7 or reference point; or setting, resetting, or
8 replacing any such monument or reference
9 point;

10 (iv) Creating, preparing, or modifying
11 electronic or computerized data, including
12 land information systems, and geographic
13 information systems, relative to the per-
14 formance of the activities in the above de-
15 scribed items (i) through (iii);

16 (v) Locating, relocating, establishing,
17 reestablishing, laying out, or retracing any
18 property line or boundary of any tract of
19 land or any road, right of way, easement,
20 alignment, or elevation of any of the fixed
21 works embraced within the practice of en-
22 gineering;

23 (vi) Making any survey for the sub-
24 division of any tract of land;

1 (vii) Determining, by the use of prin-
2 ciples of land surveying, the position for
3 any survey monument or reference point;
4 or setting, resetting, or replacing any such
5 monument or reference point;

6 (ix) Creating, preparing, or modifying
7 electronic or computerized data, including
8 land information systems, and geographic
9 information systems, relative to the per-
10 formance of the activities in the above de-
11 scribed items (v) through (vii).

12 (4) The term “veteran” has the meaning given
13 the term in section 101 of title 38, United States
14 Code.

15 (5) The term “work-based learning” has the
16 meaning given the term in section 3 of the Carl D.
17 Perkins Career and Technical Education Act of
18 2006 (20 U.S.C. 2302).

