

**AMENDMENT TO THE RULES COMMITTEE PRINT
FOR H.R. 1735
OFFERED BY MR. COLLINS OF NEW YORK**

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

1 **SEC. 226. COMMERCIAL-OFF-THE-SHELF WIDE-AREA SUR-**
2 **VEILLANCE SYSTEMS FOR ARMY TACTICAL**
3 **UNMANNED AERIAL SYSTEMS.**

4 (a) SENSE OF CONGRESS.—Congress finds that—

5 (1) unmanned aerial systems provide the mili-
6 tary services with high-endurance, wide-area surveil-
7 lance;

8 (2) wide-area surveillance has proven to be a
9 significant force multiplier for intelligence gathering
10 and dismounted infantry operations;

11 (3) currently fielded wide-area surveillance sen-
12 sors are too heavy to be incorporated into tactical
13 unmanned aerial systems; and

14 (4) the growing commercial market for un-
15 manned aerial systems with full-motion video sensors
16 may offer a commercial-off-the-shelf solution suitable
17 for use on the military services' tactical unmanned
18 aerial systems.

1 (b) REPORT.—Not later than 180 days after the date
2 of the enactment of this Act, the Secretary of the Army
3 shall submit to the congressional defense committees a re-
4 port that contains the findings of a market survey and
5 flight assessment of commercial-off-the-shelf wide-area
6 surveillance sensors suitable for insertion into Army tac-
7 tical unmanned aerial systems.

8 (c) ELEMENTS.—The market survey and flight as-
9 sessment required by subsection (b) shall include—

10 (1) specific details regarding the capabilities of
11 current and commercial-off-the-shelf wide-area sur-
12 veillance sensors utilized on the Army unmanned
13 aerial systems, including—

14 (A) daytime and nighttime monitoring cov-
15 erage;

16 (B) video resolution outputs;

17 (C) bandwidth requirements;

18 (D) activity-based intelligence and forensic
19 capabilities;

20 (E) simultaneous region of interest moni-
21 toring capability;

22 (F) interoperability with other sensors and
23 subsystems currently utilized on Army tactical
24 unmanned aerial systems;

25 (G) sensor weight;

1 (H) sensor cost; and

2 (I) any other factors the Secretary deems
3 relevant;

4 (2) an assessment of the impact on Army tac-
5 tical unmanned aerial systems due to the insertion
6 of commercial-off-the-shelf wide-area surveillance
7 sensors; and

8 (3) recommendations to upgrade or enhance the
9 wide-area surveillance sensors of Army tactical un-
10 manned aerial systems, as deemed appropriate by
11 the Secretary.

12 (d) FORM.—The report required under subsection (b)
13 may contain a classified annex.

14 (e) DEFINITION.—In this section, the term “Army
15 tactical unmanned aerial systems” includes, at minimum,
16 the MQ-1C Grey Eagle, the MQ-1 Predator, and the
17 MQ-9 Reaper.

