AMENDMENT TO H.R. 5666
OFFERED BY MR. BEYER OF VIRGINIA

Strike section 501 and insert the following:

SEC. 501. RESEARCH EFFORT TO ADVANCE SUSTAINABLE AVIATION.

(a) SENSE OF CONGRESS.—It is the sense of Congress that the Administrator is working to develop and demonstrate new technologies, including systems architecture, components, or integration of systems and airframe structures, in aircraft concepts that are capable of reducing both greenhouse gas emissions and noise emissions.

(b) IN GENERAL.—The Administrator, in consultation with other relevant Federal agencies, industry, and academia, shall conduct research and development efforts that contribute to reducing the environmental impact of aviation, providing for a sustainable future for aviation, and improving the efficiency and performance of United States commercial aircraft

(c) GOALS.—The goals of the research effort in subsection (b) shall be to reach—

(1) two percent annual fuel efficiency improvement through 2050; and

(2) carbon neutral growth.
(d) Technology Focus Areas.—The research effort shall include research, development, and demonstration projects on the following technology focus areas:

(1) Subsonic aircraft and engine design and technology.

(2) Sustainable aviation fuels.

(3) Electric and hybrid-electric propulsion.

(4) Other efforts, including noise emissions, that contribute to a sustainable future for aviation.

(e) Approach.—In carrying out this research effort the Administrator shall:

(1) continue and expand work of the Administration on research, development and demonstration of aircraft concepts, including systems architecture, components, integration of systems and airframe structures, and the integration of related advanced technologies and concepts, with the goal of carrying out test flights by 2025;

(2) to the extent practicable, work with multiple partner organizations, including current commercial production aircraft providers and small businesses and new entrants, on research and development activities related to both regional transport aircraft and aircraft designed to accommodate more than 125 passengers in order to achieve an industry-wide
shift towards aircraft concepts for the reduction of greenhouse gas emissions and noise emissions; and

(3) provide guidance to the Federal Aviation Administration (FAA) on technologies developed and tested pursuant to the initiative in order to assist the work of the Federal Aviation Administration.

(f) ANNUAL REPORT.—Not later than June 1 of every year, the Administrator shall submit a report identifying the activities carried out under the research effort under subsection (d) and the progress toward the goals listed in subsection (e).