

November 5, 2021

Bharat Ramamurti  
National Economic Council  
1600 Pennsylvania Ave NW  
Washington, D.C. 20500

Dear Mr. Ramamurti,

The undersigned organizations represent the world's leading aerospace manufacturers, airlines, pilots, and operators. Our industry supports millions of jobs and trillions of dollars in economic activity within the United States. We write to thank you for meeting with our coalition on November 3rd, 2021, and for your part in the recent announcement by Verizon and AT&T to delay their deployments in the 3700-3980 MHz spectrum (C-Band) by one month. While this news is a positive step, we ask you to continue to work to ensure that the additional time results in the goal we've had all along, which is to continue safe and efficient aviation operations in the United States National Airspace System (NAS) without disruption from 5G flexible use operations in the C-Band.

As you know, the result of the February 2020 decision by the Federal Communications Commission (FCC) and subsequent "C-band auction" is that new 5G cellular systems operating in the C-Band will begin to deploy throughout the country shortly. These 5G systems have the potential to cause harmful interference to radio altimeters, which are crucial systems used by every commercial aircraft and helicopter, and many general aviation aircraft. Due to this threat and the lack of action from the FCC, the Federal Aviation Administration (FAA) released a Special Airworthiness Information Bulletin (SAIB) on Risk of Potential Adverse Effects on Radio Altimeters. Without a written agreement of mitigation with FCC and 5G, further FAA actions beyond this SAIB may still be necessary to ensure safety. As discussed, these FAA actions will have enormous economic impacts that the country cannot face, resulting in needless supply chain delays and travel and shipping cancellations.

While we understand and support the importance of making spectrum available to enable next-generation commercial wireless communications, we need the administration and FCC to help aviation and telecommunication industries reach acceptable mitigations.

To that end, we are committed to doing our part by working diligently to develop new standards, equipment, and aircraft/helicopter integration solutions. However, these solutions require more detailed knowledge of the C-Band deployment and will take significant time to ensure they meet the FAA's robust safety requirements. Because of this, we believe it is incumbent on the National Economic Council (NEC) to work with the FCC and FAA to convene a joint industry working group and continue to delay the deployment of 5G technologies in this band until the safety and efficiency of the NAS is ensured. The goal of this working group would be to reach acceptable mitigations.

Aviation will not be able to maintain the current level of public safety and economic activity without support from the Biden-Harris Administration and the implementation of mitigations by the cellular industry.

We are hopeful that you will continue to take action to help ensure an acceptable timeframe for full consideration and expedite cooperation from all stakeholders to put in place a solution that

maintains the United States' leadership in 5G deployment as well as the safety of the traveling public. We stand ready and willing to do our part and look forward to working with you and your expert agencies on solving this complex technical problem.

Sincerely,

Aerospace Industries  
Association (AIA)

Aerospace Vehicle  
Systems Institute (AVSI)

Air Line Pilots Association  
International (ALPA)

Airborne Public Safety  
Association

Airbus

Aircraft Electronics  
Association (AEA)

Aircraft Owners & Pilots  
Association (AOPA)

Airlines for America (A4A)

Aviation Spectrum  
Resources, Inc. (ASRI)

The Boeing Company

Collins Aerospace

Experimental Aircraft  
Association (EAA)

Free Flight Systems

General Aviation  
Manufacturers Association  
(GAMA)

Garmin International, Inc

Helicopter Association  
International (HAI)

Honeywell International  
Inc.

International Air Transport  
Association (IATA)

National Air Carrier  
Association (NACA)

National Business Aviation  
Association (NBAA)

Regional Airline  
Association (RAA)

CC:

Tim Wu, Special Assistant to the President, NEC

Lisa Hone, Senior Advisor, NEC

Hannah Garden-Monheit, Senior Advisor, NEC