



May 3, 2021

Anne Nguyen Parker  
Chief  
Office of Manufacturing  
United States Securities and Exchange Commission  
Division of Corporation Finance  
100 F. Street, N.E.  
Washington, D.C. 20549-3561

Re: Aviat Networks, Inc.  
Registration Statement on Form S-3  
Filed April 13, 2021  
File No. 333-255206

Ladies and Gentlemen:

On behalf of Aviat Networks, Inc., and pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, the undersigned hereby requests that the effective date of the above-referenced Registration Statement on Form S-3 be accelerated to 5:00 P.M., Washington, D.C. time, on May 5, 2021, or as soon as practicable thereafter.

Thank you for your assistance in this matter.

Very truly yours,

AVIAT NETWORKS, INC.

By: /s/ Eric Chang  
Name: Eric Chang  
Title: Senior Vice President, Chief Financial Officer

Enclosures

cc: Paul Tobias, Vinson & Elkins L.L.P.  
Katherine Frank, Vinson & Elkins L.L.P.