

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

March 7, 2024

Aengus Kelly Chief Executive Officer AerCap Holdings N.V. AerCap House 65 St. Stephen's Green Dublin D02 YX20 Ireland

Re: AerCap Holdings N.V.

Registration Statement on Form F-4
Filed March 1, 2024
File No. 333-277595

Dear Aengus Kelly:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Rebekah Reed at 202-551-5332 with any questions.

Sincerely,

Division of Corporation Finance Office of Trade & Services

cc: Douglas Dolan