

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

DIVISION OF CORPORATION FINANCE

September 17, 2024

Peter Juhas Chief Financial Officer AerCap Holdings N.V. 65 St. Stephen's Green Dublin D02 YX20 Ireland

Re: AerCap Holdings N.V. Form 20-F for Fiscal Year Ended December 31, 2023 File No. 001-33159

Dear Peter Juhas:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance Office of Trade & Services