

Form 144 Filer Information

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

FORM 144

Form 144

NOTICE OF PROPOSED SALE OF SECURITIES
PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

144: Filer Information

| | |
|--------------------------------|--|
| Filer CIK | <input type="text" value="0002024820"/> |
| Filer CCC | <input type="text" value="XXXXXXXX"/> |
| Is this a LIVE or TEST Filing? | <input checked="" type="radio"/> LIVE <input type="radio"/> TEST |

Submission Contact Information

| | |
|----------------|----------------------|
| Name | <input type="text"/> |
| Phone | <input type="text"/> |
| E-Mail Address | <input type="text"/> |

144: Issuer Information

| | |
|--|--|
| Name of Issuer | <input type="text" value="AerCap Holdings N.V."/> |
| SEC File Number | <input type="text" value="001-33159"/> |
| Address of Issuer | <input type="text" value="AerCap House 65 St. Stephen's Green Dublin IRELAND D02 YX20"/> |
| Phone | <input type="text" value="353 1 819 2010"/> |
| Name of Person for Whose Account the Securities are To Be Sold | <input type="text" value="Forst Rita"/> |

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

| | |
|------------------------|---------------------------------------|
| Relationship to Issuer | <input type="text" value="Director"/> |
|------------------------|---------------------------------------|

144: Securities Information

| | |
|---|---|
| Title of the Class of Securities To Be Sold | <input type="text" value="Ordinary Shares"/> |
| Name and Address of the Broker | <input type="text" value="UBS Bahnhofstr. 45, P.O. Box Zurich V8 CH-8098"/> |
| Number of Shares or Other Units To Be Sold | <input type="text" value="500"/> |
| Aggregate Market Value | <input type="text" value="53375"/> |
| Number of Shares or Other Units Outstanding | <input type="text" value="176566566"/> |
| Approximate Date of Sale | <input type="text" value="05/05/2025"/> |
| Name the Securities Exchange | <input type="text" value="NYSE"/> |

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or

any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

| | |
|-----------------------------------|--------------------------------|
| Title of the Class | Ordinary Shares |
| Date you Acquired | 12/17/2023 |
| Nature of Acquisition Transaction | Vesting of Restricted Stock(2) |
| Name of Person from Whom Acquired | AerCap Holdings N.V. |

Is this a Gift?

☐ Date Donor Acquired

Amount of Securities Acquired

10400

Date of Payment

12/17/2023

Nature of Payment

Cashless

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

Nothing to Report



144: Remarks and Signature

Remarks

(1) Aggregate Market Value of shares calculated based on a closing share price of \$106.75 on May 2, 2025. (2) The restricted stock was granted to the reporting person under the issuer's equity incentive plan on December 17, 2020. The restricted stock vested on December 17, 2023.

Date of Notice

05/05/2025

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

Signature

/s/ Rita Forst

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)