

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM 6 - K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE
ACT OF 1934

For the month of January 2015

Commission File Number 001-33159

AERCAP HOLDINGS N.V.

(Translation of Registrant's Name into English)

Stationsplein 965, 1117 CE Schiphol Airport, The Netherlands, +31-20-655-9655
(Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-
F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Other Events

On January 16, 2015, AerCap Holdings N.V. released a summary of its completed transactions during the fourth quarter and fiscal year of 2014. A copy of the press release summarizing this information is attached hereto as Exhibit 99.1.

The information contained in this Form 6-K is incorporated by reference into the Company's Form F-3 Registration Statement File No. 333-177659 and Form S-8 Registration Statements File Nos. 333-180323, 333-154416, 333-165839, 333-194637 and 333-194638, and related Prospectuses, as such Registration Statements and Prospectuses may be amended from time to time.

Exhibits

99.1 AerCap Holdings N.V. Press Release.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

AERCAP HOLDINGS N.V.

By: /s/ Aengus Kelly

Name: Aengus Kelly

Title: Authorized Signatory

Date: January 16, 2015

EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.



PRESS RELEASE

AerCap Signed 249 Aircraft Lease Transactions in 2014, Purchased 33 and Sold 83 Aircraft

\$11.8 Billion of Funding Raised During the Year

Amsterdam, The Netherlands; January 16, 2015 - AerCap Holdings N.V. ("AerCap," NYSE: AER) today announced that it signed 249 aircraft lease transactions in 2014. Furthermore, the company purchased 33 and sold 83 aircraft. This means that AerCap leased, purchased or sold an aircraft every day.

Full Year 2014 Transactions

- **Signed lease agreements for 249 aircraft**
- **Delivered 81 aircraft under contracted lease agreements.**
- **Purchased 33 new aircraft.**
- **Executed sale and part-out transactions for 83 aircraft.**
- **Signed financing transactions for \$11.8 billion.**

The full year numbers include aircraft transactions of the combined company for the period after closing of the ILFC acquisition on May 14. Aircraft transactions prior to closing are only included for AerCap on a stand-alone basis.

Fourth Quarter 2014 Transactions

- **Signed lease agreements for 114 aircraft**
- **Delivered 20 aircraft under contracted lease agreements.**
- **Purchased 11 new aircraft**, including 3 Boeing 787-8s, 1 Boeing 787-9, 6 Boeing 737-800s and 1 Airbus A321-200.
- **Executed sale and part-out transactions for 16 aircraft**, including 1 Airbus A340-300, 3 Airbus A340-600s, 2 Boeing B737 classics, 1 Boeing 737-700, 1 Boeing B767-300ER and 1 MD-11 from AerCap's owned portfolio, 3 Airbus A320-200s and 4 Boeing 737 classics from AerCap's managed portfolio.
- **Signed financing transactions for \$2.9 billion.**

As of December 31, 2014, AerCap's portfolio consisted of approximately 1,660 aircraft that were either owned, managed, or under contract to purchase.

About AerCap

AerCap is the global leader in aircraft leasing and has one of the most attractive order books in the industry. AerCap serves over 200 customers in more than 90 countries with comprehensive fleet solutions and provides part-out and engine leasing services through its subsidiary, AeroTurbine. AerCap is listed on the New York Stock Exchange (AER). The company is headquartered in Amsterdam and has offices in Los Angeles, Shannon, Dublin, Fort Lauderdale, Miami, Singapore, Shanghai, Abu Dhabi, Seattle, and Toulouse.

This press release may contain forward-looking statements that involve risks and uncertainties. In most cases, you can identify forward-looking statements by terminology such as “may”, “should”, “expects”, “plans”, “anticipates”, “believes”, “estimates”, “predicts”, “potential” or “continue” or the negative of such terms or similar terminology. Such forward-looking statements are not guarantees of future performance and involve significant assumptions, risks and uncertainties, and actual results may differ materially from those in the forward-looking statements.

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