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 December 2017

Commission File Number 001-33159

AERCAP HOLDINGS N.V.

(Translation of Registrant's Name into English)

AerCap House, 65 St. Stephen's Green, Dublin 2, Ireland, +353 1 819 2010 (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 December 28, 2017, AerCap Holdings N.V. ("AerCap") issued a press release announcing that it has exercised options to purchase 50 A320neo Family aircraft from Airbus, with deliveries starting 2022.

The information contained in this Form 6-K is incorporated by reference into AerCap's Form F-3 Registration Statement File No. 333-205129 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

Exhibit No.	Description
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: <u>/s/ Aengus Kelly</u> Name: Aengus Kelly Title: Authorized Signatory

Date: December 28, 2017

EXHIBIT INDEX

Exhibit No.	Description
99.1	AerCap Holdings N.V. Press Release.

Press Release



For Investors: Joseph McGinley Head of Investor Relations jmcginley@aercap.com; +353 1 418 0428 **For Media:** Gillian Culhane Vice President Corporate Communications gculhane@aercap.com; +353 1 636 0945

AerCap Exercises Options to Purchase 50 Airbus A320neo Family Aircraft

World's Largest A320neo Family Lessor

DUBLIN – December 28, 2017 - AerCap Holdings N.V. ("AerCap") (NYSE: AER) announced today that it has exercised options to purchase 50 A320neo Family aircraft from Airbus, with deliveries starting from 2022.

This transaction brings AerCap's firm orders for the A320neo Family aircraft to a total of 270, owned and on order.

Commenting on the transaction, Aengus Kelly, CEO of AerCap said, "As the largest lessor of the A320neo Family aircraft, we have already placed three quarters of our A320neo Family aircraft from our existing forward order book with Airbus. We have seen significant market appetite for these aircraft from our diverse customer base. This transaction is in line with our portfolio strategy of investing in the most in-demand modern technology aircraft in the world."

"AerCap is one of the most highly regarded lessors and an additional 50 A320neo Family aircraft to an existing portfolio of 220 is a fabulous endorsement of the world's favorite single aisle aircraft." said John Leahy, Chief Operating Officer, Customers, Airbus Commercial Aircraft.

About AerCap

AerCap is the global leader in aircraft leasing with, as of September 30, 2017, 1,506 owned, managed or on order aircraft in its portfolio. AerCap has one of the most attractive order books in the industry. AerCap serves approximately 200 customers in approximately 80 countries with comprehensive fleet solutions. AerCap is listed on the New York Stock Exchange (AER) and has its headquarters in Dublin with offices in Amsterdam, Los Angeles, Shannon, Fort Lauderdale, Singapore, Shanghai, Abu Dhabi, Seattle and Toulouse.

Forward-Looking Statements

This press release contains certain statements, estimates and forecasts with respect to future performance and events. These statements, estimates and forecasts are "forward-looking statements". In some cases, forward-looking statements can be identified by the use of forward-looking terminology such as "may," "might," "should," "expect," "plan," "intend," "estimate," "anticipate," "believe," "predict," "potential" or "continue" or the negatives thereof or variations thereon or similar terminology. All statements other than statements of historical fact included in this press release are forward-looking statements and are based on various underlying assumptions and expectations and are subject to known and unknown risks, uncertainties and assumptions, and may include projections of our future financial performance based on our growth strategies and anticipated trends in our business. These statements are only predictions based on our current expectations and projections about future events. There are important factors that could cause our actual results, level of activity performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied in the forward-looking statements. As a result, we cannot assure you that the forward-looking statements included in this press release will prove to be accurate or correct. In light of these risks, uncertainties and assumptions, the future performance or events described in the forward-looking statements in this press release might not occur. Accordingly, you should not rely upon forward-looking statements as a prediction of actual results and we do not assume any responsibility for the accuracy or completeness of any of these forward-looking statements. Except as required by applicable law, we do not undertake any obligation to, and will not, update any forward-looking statements, whether as a result of new information, future events or otherwise.

For more information regarding AerCap and to be added to our email distribution list, please visit <u>www.aercap.com</u> and follow us on Twitter <u>www.twitter.com/aercapnv</u>.