
**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 June 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 June 1, 2015, AerCap issued a press release announcing the launch of an underwritten secondary offering by AIG of 50,000,000 AerCap ordinary shares. A copy of the press release is attached hereto as Exhibit 99.1.

One June 1, 2015, AerCap issued a press release announcing that it has reached an agreement with AIG to repurchase \$750 million of AerCap's ordinary shares. A copy of the press release is attached hereto as Exhibit 99.2.

The information contained in this Form 6-K is incorporated by reference into the Company's Form F-3 Registration Statement File Nos. 333-177659 and 333-203113 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

99.2 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: June 1, 2015

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EXHIBIT INDEX

- 99.1 AerCap Holdings N.V. Press Release
- 99.2 AerCap Holdings N.V. Press Release

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**For Investors:**

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PRESS RELEASE**AerCap Holdings N.V. Announces Secondary Share Offering**

Amsterdam, Netherlands; June 1, 2015 - AerCap Holdings N.V. (NYSE: AER; "AerCap" or "the Company") today announced that American International Group, Inc. ("AIG" or the "selling shareholder"), the beneficial owner of 46% of AerCap's ordinary shares outstanding as of March 31, 2015, has informed AerCap of AIG's intention to sell 50,000,000 ordinary shares, or 51% of its AerCap holdings, through an underwritten public offering.

AerCap today announced the launch of an underwritten secondary offering by AIG of 50,000,000 AerCap ordinary shares, or 24% of AerCap's ordinary shares outstanding. AerCap will not receive any proceeds from the sale of the ordinary shares offered. The selling shareholder has granted to the underwriters a 30-day option to purchase up to 7,500,000 additional ordinary shares from the selling shareholder.

Citigroup and Goldman, Sachs & Co. are serving as global coordinators for the underwritten offering.

The Company has filed a registration statement (including a prospectus) on Form F-3 with the SEC for the underwritten offering to which this communication relates. The registration statement automatically became effective upon filing on March 31, 2015. Investors should read the accompanying prospectus dated March 31, 2015, the preliminary prospectus supplement relating to the offering that the Company will file with the SEC and other documents the Company has filed with the SEC for more complete information about the Company and this offering. These documents may be obtained for free by visiting EDGAR on the SEC's website at www.sec.gov.

The prospectus supplement and accompanying prospectus relating to the offering may be obtained from: Citigroup, c/o Broadridge Financial Solutions, 1155 Long Island Avenue,

Edgewood, NY 11717, via telephone: 800-831-9146; and Goldman Sachs & Co., Attention: Prospectus Department, 200 West Street, New York, New York 10282, via telephone: 1-866-471-2526 or via email: prospectus-ny@ny.email.gs.com.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy the Company's ordinary shares or any other securities, nor shall there be any offer, solicitation or sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

About AerCap Holdings N.V.

AerCap is the global leader in aircraft leasing with approximately 1,640 owned, managed or on order aircraft in its portfolio. AerCap has one of the most attractive order books in the industry. AerCap serves over 200 customers in approximately 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) and has its headquarters in Amsterdam with offices in Dublin, Los Angeles, Shannon, Fort Lauderdale, Miami, 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, 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, there can be no assurance 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. 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 <http://www.aercap.com>.

**For Investors:**

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PRESS RELEASE**AerCap Holdings N.V. Announces Share Repurchase**

Amsterdam, Netherlands; June 1, 2015 - AerCap Holdings N.V. (NYSE: AER; "AerCap" or "the Company") today announced that it has reached an agreement with American International Group, Inc. ("AIG" or the "selling shareholder"), the beneficial owner of 46% of AerCap's ordinary shares outstanding as of March 31, 2015, to repurchase \$750 million of the Company's ordinary shares at a price per share equal to the price per share being paid by the underwriters to the selling shareholder in the previously announced secondary offering of AerCap ordinary shares by AIG, subject to certain adjustments and limitations. Consideration for the share repurchase will consist of the issuance of \$500 million of junior subordinated notes to AIG and \$250 million of cash on hand. The closing of the share repurchase transaction is contingent on all conditions precedent to the closing of the previously announced secondary offering and certain other customary conditions. The Company expects the closing of the share repurchase to occur immediately prior to the closing of the secondary offering. The closing of the secondary offering is not contingent on the closing of the share repurchase.

Pursuant to the share repurchase agreement, AerCap Global Aviation Trust, a wholly-owned subsidiary of AerCap (the "Issuer"), will issue to AIG \$500 million in junior subordinated notes due 2045 (the "Notes"). The 30 year Notes will initially accrue interest at a fixed interest rate for a period of ten years whereupon the Notes will convert to a floating rate. The Issuer will have the right to defer any interest payment on the Notes for up to five consecutive years per deferral period. The Notes will be guaranteed by AerCap Holdings N.V. and certain of its subsidiaries.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy the Company's ordinary shares or any other securities, nor shall there be any offer, solicitation or sale of these securities in any state or jurisdiction in which such offer,

solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

About AerCap Holdings N.V.

AerCap is the global leader in aircraft leasing with approximately 1,640 owned, managed or on order aircraft in its portfolio. AerCap has one of the most attractive order books in the industry. AerCap serves over 200 customers in approximately 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) and has its headquarters in Amsterdam with offices in Dublin, Los Angeles, Shannon, Fort Lauderdale, Miami, Singapore, Shanghai, Abu Dhabi, Seattle and Toulouse.

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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, 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, there can be no assurance 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. 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 <http://www.aercap.com>.