
**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 April 2014

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 April 22, 2014, AerCap Holdings N.V. issued a press release announcing that its wholly-owned subsidiary, AerCap International Bermuda Limited, completed the sale of 100% of the class A common shares in Genesis Funding Limited to GFL Holdings, LLC, an affiliate of Wood Creek Capital Management LLC. A copy of the press release is attached hereto as Exhibit 99.1.

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.

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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: April 22, 2014

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EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.

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PRESS RELEASE

AerCap Sells Equity Interest in \$750 Million Genesis Funding Limited Aircraft Securitisation Vehicle to Wood Creek

Amsterdam, The Netherlands; April 22, 2014 - AerCap Holdings N.V. ("AerCap", NYSE: AER) today announced that its wholly-owned subsidiary, AerCap International Bermuda Limited, has completed the sale of 100% of the class A common shares in Genesis Funding Limited ("GFL") to GFL Holdings, LLC, an affiliate of Wood Creek Capital Management, LLC ("Wood Creek"). GFL is an aircraft securitisation vehicle with a portfolio of thirty-seven aircraft with an average age of thirteen years valued at approximately \$750 million.

As part of the agreement, AerCap Ireland Limited continues to act as servicer for the GFL aircraft portfolio.

Edward O'Byrne, Chief Investment Officer of AerCap, commented: "We are pleased to announce this transaction, which is consistent with AerCap's portfolio management strategy. The acquisition by Wood Creek is yet another example of the attractiveness of the commercial aviation sector for institutional investors."

Brett D. Hellerman, Chief Executive Officer of Wood Creek commented: "Wood Creek has executed several transactions with AerCap in the past, and we are excited about expanding our aircraft portfolio. We look forward to working with AerCap in the future."

Wood Creek was advised by WNG Capital, LLC.

About AerCap

AerCap is one of the world's leading aircraft leasing companies and has one of the youngest fleets in the industry. AerCap is a New York Stock Exchange-listed company (AER) headquartered in The Netherlands with offices in Ireland, the United States, China, Singapore, and the United Arab Emirates.

About Wood Creek

Headquartered in New Haven, Connecticut, Wood Creek Capital Management is an SEC registered investment advisor founded in 2005. Wood Creek is an affiliate of Babson Capital Management, LLC and a member of the MassMutual Financial Group.

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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