
**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 July 2012

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 July 3, 2012, AerCap Holdings N.V. (the "Company") announced that the Company and AerDragon, its Chinese joint venture, will purchase five Airbus A330-300s for lease to Singapore Airlines.

This Form 6-K is incorporated by reference into the Company's Form F-3 Registration Statement File No. 333-155194 and Form S-8 Registration Statements File Nos. 333-180323, 333-154416 and 333-165839, 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: _____

Date: July 3, 2012

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EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.

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PRESS RELEASE

**AerCap and AerDragon to Purchase Five New A330-300s
for Lease to Singapore Airlines**

AMSTERDAM, The Netherlands, July 3, 2012 - AerCap Holdings N.V. ("AerCap," NYSE: AER) and AerDragon, its Chinese joint venture, announced today that they have signed purchase agreements for the acquisition of five new Airbus A330-300s which will be leased to Singapore Airlines. AerCap will lease four of the aircraft and AerDragon will lease one of the aircraft to Singapore Airlines.

Aengus Kelly, CEO of AerCap, said: "This transaction expands our total relationship with Singapore Airlines to seven A330s. The A330 is the most in-demand widebody aircraft in the world and represents a key element of AerCap's portfolio strategy. This transaction with Singapore Airlines and our joint venture partner AerDragon also provides us with a very attractive business opportunity to further strengthen our presence in the fast-growing Asia Pacific region."

About AerCap

AerCap is the world's leading independent aircraft leasing company and has one of the youngest fleets in the industry. AerCap has a portfolio of 350 aircraft with a focus on fuel-efficient narrowbodies and widebodies. 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.

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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