
FORM 6 - - K
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

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 2009

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):

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Act of 1934.

Yes No

If "Yes" is marked, indicated below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82 - N/A

Other Events

On June 22, 2009, AerCap Holdings N.V. announced that it has signed letters of intent with Virgin Atlantic Airways for the purchase and leaseback of six Airbus A330-300 and for the direct lease of four Airbus A330-300 aircraft.

This form 6-K is incorporated by reference into the Company's form F-3 registration statement file no. 333-155194 and related prospectus, as such registration statement and prospectus may be amended from time to time, and is incorporated by reference into the Company's form S-8 registration statement file no. 333-154416, as such registration statement 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/ Klaus Heinemann
Name:

Date: June 22, 2009

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EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.

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PRESS RELEASE

FOR IMMEDIATE RELEASE

AerCap to Lease Ten New Airbus A330 Jets to Virgin Atlantic

All AerCap A330 Orders Now Placed

Amsterdam, The Netherlands; June 22, 2009 - AerCap Holdings N.V. ("AerCap," NYSE: AER) today announced that it has signed letters of intent with Virgin Atlantic Airways for the purchase and leaseback of six Airbus A330-300s that Virgin Atlantic has on order with Airbus. In addition, AerCap will lease four Airbus A330-300 aircraft to Virgin Atlantic from its own A330 order.

The lease terms for all aircraft are twelve years and deliveries are scheduled for 2011 and 2012. Virgin Atlantic has not yet selected the engine type.

AerCap expects to finance the six new aircraft purchases under its existing funding facilities. The four aircraft for direct lease to Virgin Atlantic were the only remaining positions from AerCap's order of thirty Airbus A330s placed in 2006/2007.

Steve Ridgway, CEO of Virgin Atlantic, said: "This order shows we are confident about our future growth. AerCap have helped make this deal a reality against the backdrop of unprecedented financial turmoil. We look forward to working with the AerCap team again."

Soeren Ferré, CEO of AerCap Group Services B.V., commented on the transaction: "We are very pleased with this ten-aircraft-deal with Virgin Atlantic Airways as one of the world's premier long haul airlines. With the transaction coinciding with Virgin Atlantic's 25th birthday this year and representing the completion of AerCap's A330 order placements, there is good reason to celebrate for both parties. We expect to close the final negotiations with Virgin Atlantic shortly and, above all, wish them a very Happy Birthday."

About Virgin Atlantic Airways

Virgin Atlantic Airways was established in 1984 and is celebrating its 25th birthday throughout 2009. Virgin Atlantic Airways is one of the world's leading long-haul only carriers. Now based at London's Gatwick and Heathrow airport, it operates long haul services to thirty destinations world-wide with a fleet of 38 aircraft. The airline is 51 percent owned by the Virgin Group and 49 percent by Singapore Airlines.

About AerCap

AerCap is an integrated global aviation company with a leading market position in aircraft and engine leasing, trading and parts sales. AerCap's portfolio consists of 297 aircraft and 78 engines that are either owned, on order, under contract or letter of intent, or managed. The company also provides aircraft management services and performs aircraft maintenance, repair and overhaul services and aircraft disassemblies. AerCap is headquartered in The Netherlands and has offices in Ireland, the United States, Singapore, China and the United Kingdom.

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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