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**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 2010

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

(1):  Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)

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.

(7):  Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)

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

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**Other Events**

On June 29, 2010, AerCap Holdings N.V. announced that it has closed its first notes issuance guaranteed by the Export Credits Guarantee Department. The notes have been issued at a fixed rate of 3.795 percent, have a maturity in 2021, and an initial principal amount of \$151 million.

**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: Klaus Heinemann  
Title: Authorized Signatory

**EXHIBIT INDEX**

99.1 AerCap Holdings N.V. Press Release.



## PRESS RELEASE

**AerCap Closes \$151 Million Notes Issuance for Two Airbus A330 Aircraft - First Notes for Airbus Aircraft Guaranteed by ECGD**

Amsterdam, The Netherlands; June 29, 2010 — AerCap Holdings N.V. (“AerCap”, NYSE: AER) today announced that it has closed its first notes issuance guaranteed by the Export Credits Guarantee Department (“ECGD”) - the United Kingdom’s Export Credit Agency. The notes have been issued at a fixed rate of 3.795 percent, have a maturity in 2021, and an initial principal amount of \$151 million. The transaction completes the refinancing of two A330-300 aircraft, which were delivered to AerCap in the fourth quarter of 2009 and are all on long-term leases.

“We are very proud to launch the first ever notes issuance for Airbus aircraft guaranteed by ECGD. This transaction provides lower cost funding for AerCap and establishes another new source of capital following the closing of new credit facilities with Chinese and Singaporean banks and a facility for general corporate purposes. This transaction continues to demonstrate our resourcefulness in accessing diversified sources of capital,” said Paul Rofe, Group Treasurer of AerCap.

This press release does not constitute an offer to sell or the solicitation of an offer to buy any securities. The notes have not been registered under the U.S. Securities Act of 1933 and may not be offered or sold in the United States absent registration or an applicable exemption from registration requirements. There shall not be any sale of the notes in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under applicable securities laws, or absent the availability of an exemption from such registration or qualification requirements.

**About AerCap Holdings N.V.**

AerCap is the world’s leading independent aircraft leasing company. AerCap also provides engine leasing, aircraft management services, aircraft maintenance, repair and overhaul services and aircraft disassemblies. AerCap is headquartered in The Netherlands and has offices in Ireland, the United States, China, Singapore 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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