

---

---

**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 January 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 December 5, 2009, AerCap Holdings N.V. announced that it had entered into a \$1.4 billion facility agreement for the financing of its Airbus A330 order delivering between 2009 to 2012.

**Exhibits**

99.1 AerCap Holdings N.V. Press Release

2

---

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

Date: January 6, 2009

**EXHIBIT INDEX**

99.1 AerCap Holdings N.V. Press Release.



PRESS RELEASE

**FOR IMMEDIATE RELEASE**

**AerCap Signs \$1.4 Billion Facility Agreement for A330 Financing**

Amsterdam, The Netherlands; January 5, 2009 - AerCap Holdings N.V. ("AerCap", NYSE: AER) today announced that it has signed a facility agreement with Calyon S.A. and other banks and financial institutions, outlining the terms pursuant to which the European Export Credit Agencies may provide guarantees on up to \$1.4 billion of financing. This represents a significant portion of the remaining financing needed for the Airbus A330 order delivering between 2009 and 2012. The European Export Credit Agencies consist of Coface in France, ECGD in the United Kingdom, and Euler-Hermes in Germany. The loans are to be provided by a syndicate of banks led by Calyon acting as Global Arranger and are subject to customary ECA requirements.

Keith Helming, Chief Financial Officer of AerCap said: "This transaction demonstrates AerCap's ability to secure competitively priced long-term financing even in a very challenging market environment, and completes AerCap's execution of nearly \$3.4 billion of facilities during 2008. The support by the banking community and the export credit agencies confirms that there is strong backing for AerCap's business model."

**About AerCap**

AerCap is an integrated global aviation company with a leading market position in aircraft and engine leasing, trading and parts sales. AerCap 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.**

**For Media:**

Frauke Oberdieck, AerCap  
Tel.+31 20 655 9616  
foberdieck@aercap.com

**For Investors:**

Peter Wortel, AerCap  
Tel.+31 20 655 9658  
pwortel@aercap.com

---