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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 2008

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

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**Other Events**

On June 27, 2008, AerCap Holdings N.V. announced the closing of a \$100 million engine acquisition facility for the expansion of its long-term engine leasing business.

**Exhibits**

99.1 AerCap Holdings N.V. Press Release

2

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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

**FOR IMMEDIATE RELEASE**

**AerCap Closes \$100 Million Engine Acquisition Facility for Expansion of Long-Term Engine Leasing Business**

Amsterdam, The Netherlands; June 27, 2008 - AerCap Holdings N.V. ("AerCap," NYSE: AER) today announced the closing of a \$100 million engine acquisition facility with a syndicate of US and German banks (Citi, BayernLB, Helaba Landesbank Hessen-Thuringen Girozentrale, and Norddeutsche Landesbank) led by Citi as global arranger.

The facility provides AerCap with committed funding to acquire a broad range of spare engine types to expand AerCap's business for long term engine leasing based in Shannon, Ireland.

The facility has an availability period of 24 months, with the option for an additional term period of 36 months.

Tom MacAleavey, Chief Executive of Engine Leasing at AerCap said:

"This facility will allow us to expand our engine pool in order to meet the growing demand for engine leasing in a more challenging economic environment when airlines need to optimize their cash position and prefer to lease spare engines rather than own them."

**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 and engine maintenance, repair and overhaul services and aircraft disassemblies. AerCap has a fleet of 320 aircraft and 71 commercial engines that were either owned, on order, under contract or letter of intent, or managed. 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.**

1

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2

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