

AerCap Holdings N.V.
Form 6-K
May 14, 2012

[QuickLinks](#) -- Click here to rapidly navigate through this document

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 May 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.

Edgar Filing: AerCap Holdings N.V. - Form 6-K

Other Events

AerCap Holdings N.V. (the "Company," "we" or "us") is furnishing on Form 6-K certain information with respect to the Company and its consolidated subsidiaries that has not previously been reported to the public. This information is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

Exhibits

99.1 Certain information with respect to the Company and its consolidated subsidiaries that has not previously been reported to the public.

2

SIGNATURES

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: Aengus Kelly
Title: *Authorized Signatory*

Date: May 14, 2012

EXHIBIT INDEX

99.1 Certain information with respect to the Company and its consolidated subsidiaries that has not previously been reported to the public.

4

QuickLinks

SIGNATURES

EXHIBIT INDEX