AerCap Holdings N.V. Form 6-K March 31, 2015

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 March 2015

Commission File Number 001-33159

AERCAP HOLDINGS N.V. (Translation of Registrant's Name into English)

AerCap House, Stationsplein 965, 1117 CE Schiphol, 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-Fx Form 40-Fo

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): o

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)): o

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.

Yeso Nox

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 March 31, 2015, AerCap Holdings N.V. ("AerCap") made available on its website documents relating to its annual general meeting of shareholders to be held on May 13, 2015. Copies of certain of these documents are attached as exhibits 99.1 through 99.2.

Exhibits

- 99.1 Notice and Agenda for Annual General Meeting of Shareholders.
- 99.2 Explanations to the Agenda for the Annual General Meeting of Shareholders.

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/ Aengus Kelly Name: Aengus Kelly Title: Authorized Signatory

Date: March 31, 2015

EXHIBIT INDEX

- 99.1 Notice and Agenda for Annual General Meeting of Shareholders.
- 99.2 Explanations to the Agenda for the Annual General Meeting of Shareholders.