AerCap Holdings N.V.
Form SC 13G
February 14, 2017
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G
Under the Securities Exchange Act of 1934
(Amendment No.)*
AerCap Holdings N.V.

Ordinary Shares, par value €0.01 per share (Title of Class of Securities)

N00985106 (CUSIP Number)

(Name of Issuer)

December 31, 2016 (Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [x] Rule 13d-1(b)
- [] Rule 13d-1(c)
- [] Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

^{*} The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page. Beneficial ownership information contained herein is given as of the date listed above.

1	Names of Reporting Persons.
1	Greenlight Capital, Inc.
2	Check the Appropriate Box if a Member of a Group (See Instructions)
	(a) []
	(b) []
3	SEC Use Only
	Citizenship or Place of Organization.
4	Delaware
Number of Shares Beneficially	5 Sole Voting Power
Owned by Each Reporting Person With	0 shares
Person With	l
	6 Shared Voting Power
	7,157,352 shares
	7 Sole Dispositive Power
	0 shares
	8 Shared Dispositive Power
	7,157,352 shares
9	Aggregate Amount Beneficially Owned by Each

	Reporting Person
	7,157,352 shares
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []
11	Percent of Class Represented by Amount in Row (9) 3.9%
12	Type of Reporting Person (See Instructions) IA

	Names of Reporting Persons.
1	DME Advisors, LP
2	Check the Appropriate Box if a Member of a Group (See Instructions)
	(a) []
	(b) []
3	SEC Use Only
4	Citizenship or Place of Organization.
+	Delaware
Number of Shares Beneficially Owned by Each Reporting	5 Sole Voting Power 0 shares
Person With	ı
	6 Shared Voting Power
	1,673,700 shares
	7 Sole Dispositive Power
	0 shares
	8 Shared Dispositive Power
	1,673,700 shares
9	Aggregate Amount Beneficially Owned by Each

	Reporting Person
	1,673,700 shares
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []
11	Percent of Class Represented by Amount in Row (9) 0.9%
12	Type of Reporting Person (See Instructions) IA

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Names of Reporting
           Persons.
1
           DME Capital Management,
           LP
           Check the Appropriate Box
           if a Member of a Group (See
2
           Instructions)
           (a) []
           (b) []
           SEC Use Only
3
           Citizenship or Place of
           Organization.
4
           Delaware
Number
of Shares
Beneficially 5 Sole Voting Power
Owned by
           0 shares
Each
Reporting
Person With
           6 Shared Voting Power
           3,583,243 shares
           7 Sole Dispositive Power
           0 shares
           8 Shared Dispositive Power
           3,583,243 shares
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Aggregate Amount Beneficially Owned by Each Reporting Person 3,583,243 shares Check if the Aggregate Amount in Row (9) 10 **Excludes Certain Shares** (See Instructions) [] Percent of Class Represented by Amount in 11 Row (9) 2.0% Type of Reporting Person (See Instructions) 12 ΙA

Names of Reporting Persons. 1 DME Advisors GP, LLC Check the Appropriate Box if a Member of a Group (See 2 Instructions) (a) [] (b) [] SEC Use Only 3 Citizenship or Place of Organization. 4 Delaware Number Beneficially 5 Sole Voting Power of Shares Owned by 0 shares Each Reporting Person With 6 Shared Voting Power 5,256,943 shares 7 Sole Dispositive Power 0 shares 8 Shared Dispositive Power 5,256,943 shares 9 Aggregate Amount Beneficially Owned by Each

	Reporting Person
	5,256,943 shares
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []
11	Percent of Class Represented by Amount in Row (9)
	2.9%
12	Type of Reporting Person (See Instructions)
	HC

Names of Reporting Persons. 1 David Einhorn Check the Appropriate Box 2 if a Member of a Group (See Instructions) (a) [] (b) [] SEC Use Only 3 Citizenship or Place of Organization. 4 U.S. Citizen Number Beneficially 5 Sole Voting Power of Shares Owned by 0 shares Each Reporting Person With 6 Shared Voting Power 12,621,325 shares 7 Sole Dispositive Power 0 shares 8 Shared Dispositive Power 12,621,325 shares 9 Aggregate Amount Beneficially Owned by Each

	Reporting Person
	12,621,325 shares
10	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []
11	Percent of Class Represented by Amount in Row (9) 6.9%
12	Type of Reporting Person (See Instructions) HC

SCHEDULE 13G

This Schedule 13G relating to ordinary shares, par value €0.01 per share ("Ordinary Shares") of AerCap Holdings N.V., a Netherlands corporation (the "Company" or the "Issuer"), is being filed on behalf of Greenlight Capital, Inc., a Delaware corporation ("Greenlight Inc."), DME Advisors, LP, a Delaware limited partnership ("DME Advisors"), DME Capital Management, LP, a Delaware limited partnership ("DME CM"), DME Advisors GP, LLC, a Delaware limited liability company ("DME GP" and together with Greenlight Inc., DME Advisors and DME CM, "Greenlight"), and Mr. David Einhorn, the principal of Greenlight (collectively with Greenlight, the "Reporting Persons").

This Schedule 13G relates to Ordinary Shares of the Issuer held by Greenlight for the account of private investment funds and other accounts for which Greenlight acts as investment manager (or general partner of the investment manager) and with respect to which Mr. Einhorn may be deemed to have indirect investment and/or voting power as the principal of Greenlight and other affiliated entities. DME GP is the general partner of DME Advisors and of DME CM

The filing of this Schedule 13G shall not be construed as an admission that any of the Reporting Persons is for the purposes of Section 13(d) or 13(g) of the Securities Exchange Act of 1934, the beneficial owner of any of the Common Shares reported herein. Pursuant to Rule 13d-4, each of the Reporting Persons disclaims all such beneficial ownership except to the extent of its pecuniary interest in any Ordinary Shares, if applicable.

Item 1.

Name of Issuer

AerCap Holdings N.V.

(b) Address of Issuer's Principal Executive Offices

AerCap House, 65 St. Stephen's Green, Dublin 2, Ireland

Item 2.

(a) Name of Person Filing

Greenlight Inc.

DME Advisors

DME CM

DME GP

David Einhorn

Address of Principal Business Office or, if none, Residence

The principal business office of each the Reporting Persons is 140 East 45th Street, 24th Floor, New York, New York 10017.

(c) Citizenship

Greenlight Inc. is a corporation organized under the laws of the State of Delaware.

DME Advisors is a limited partnership organized under the laws of the State of Delaware.

DME CM is a limited partnership organized under the laws of the State of Delaware.

DME GP is a limited liability company organized under the laws of the State of Delaware.

David Einhorn is a United States citizen

Title of Class of Securities

Ordinary Shares, par value €0.01 per share

(e) CUSIP Number

N00985106

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) [] Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) [] Insurance Company as defined in Section 3(a)(19) of the Act
- (d)[] Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- (e) [X] An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) [] An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g)[X] A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h)[] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (i) [] A non-U.S. institution in accordance with §240.13d–1(b)(1)(ii)(J);
- (k)[] Group, in accordance with §240.13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

Amount

(a) Beneficially

Owned

Greenlight

Inc. may be

deemed the

beneficial

owner of

7,157,352

shares

DME

Advisors

may be

deemed the

beneficial

owner of

1,673,700

shares

DME CM

may be

deemed the

beneficial

owner of

3,583,243

shares

DME GP

may be

deemed the

beneficial

owner

of 5,256,943

shares

David

Einhorn may

be deemed

the beneficial

owner of

12,621,325

shares

 $\text{(b)} \frac{\text{Percent of}}{\text{Class}}$

The

information

set forth in

Rows 5

through 11

on the cover

page for each

Reporting

Person is

hereby

incorporated

by reference

into this Item

4(b) for each

such

Reporting

Person. The

percentages

reported

herein are

calculated on

the basis of

there being

181,743,634

Ordinary

Shares

outstanding

as of

September

30, 2016, as

reported in

the Issuer's

report on

Form 6-K

filed by the

Issuer with

the SEC on

November 8,

2016.

Number of

shares as to

(c) which such

person has:

The

information

set forth in

Rows 5

through 11

on the cover

page for each Reporting Person is hereby incorporated by reference into this Item 4(b) for each such Reporting Person.

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certifications

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

Exhibits Exhibit

99.1 Joint Filing Agreement by and among the Reporting Persons.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 14, 2017

GREENLIGHT CAPITAL, INC.

By: /s/ DANIEL ROITMAN Daniel Roitman Chief Operating Officer

DME ADVISORS, LP

By: DME Advisors GP, LLC, its General Partner

By: /s/ DANIEL ROITMAN Daniel Roitman Chief Operating Officer

DME CAPITAL MANAGEMENT, LP

By: DME Advisors GP, LLC, its General Partner

By: /s/ DANIEL ROITMAN Daniel Roitman Chief Operating Officer

DME ADVISORS GP, LLC

By: /s/ DANIEL ROITMAN Daniel Roitman Chief Operating Officer

/s/ DANIEL ROITMAN*
Daniel Roitman, on behalf of David Einhorn

* The Power of Attorney executed by David Einhorn, authorizing the signatory to sign and file this Schedule 13G on David Einhorn's behalf, filed as Exhibit 99.2 to the Schedule 13G filed with the Securities and Exchange Commission on May 24, 2010 by the Reporting Persons with respect to the common stock of NCR Corporation, is hereby incorporated by reference.