den Dikken Wouter Marinus Form 4 March 26, 2012

FORM 4

subject to

Section 16.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

Number:

OMB

3235-0287

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OMB APPROVAL

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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person * den Dikken Wouter Marinus

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) (Last)

AerCap Holdings N.V. [AER] 3. Date of Earliest Transaction

Director 10% Owner

(Check all applicable)

AERCAP

Security

(Instr. 3)

(Month/Day/Year) 03/22/2012

(Month/Day/Year)

X_ Officer (give title Other (specify below) below)

HOUSE, STATIONSPLEIN 965

Chief Legal Officer & COO 6. Individual or Joint/Group Filing(Check

(Street)

Applicable Line)

4. If Amendment, Date Original Filed(Month/Day/Year)

(Instr. 8)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

SCHIPHOL AIRPORT, P7 1117CE

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date Underlying Securities** Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative or Disposed of Security (D) (Instr. 3, 4,

and 5)

Code V (A) (D) Date

Expiration Exercisable Date

Title

or Number of Shares

Amount

Restricted Stock Unit

(1)

03/22/2012

 $J^{(2)}$

12.311

02/16/2015 02/16/2015

Ordinary

12.311 Shares

Reporting Owners

Reporting Owner Name / Address

10% Owner Officer

Relationships

Other

den Dikken Wouter Marinus **AERCAP HOUSE STATIONSPLEIN 965** SCHIPHOL AIRPORT, P7 1117CE

Chief Legal Officer & COO

Signatures

/s/ Wouter Marinus den Dikken

03/26/2012

Director

**Signature of Reporting Person

Date

Explanation of Responses:

- If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Each Restricted Stock Unit ("RSU") will convert (i) on a 1-for-1 basis into ordinary shares of the issuer upon vesting, (ii) into the cash equivalent, or (iii) into a combination of items (i) and (ii).
- Grant of RSUs pursuant to AerCap Holdings N.V. 2006 Equity Incentive Plan. This form is filed voluntarily. As a foreign private issuer, **(2)** AerCap is exempted from Section 16 of the Exchange Act by Rule 3a12-3.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2