Kelly Aengus Form 4 February 25, 2013

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

3235-0287 Number: January 31,

Expires:

2005 Estimated average

burden hours per response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 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).

(Last)

(City)

(Instr. 3)

AERCAP

(Print or Type Responses)

1. Name and Address of Reporting Person *

Kelly Aengus

(Middle) (First)

HOUSE, STATIONSPLEIN 965

(Street)

2. Issuer Name and Ticker or Trading Symbol

AerCap Holdings N.V. [AER]

3. Date of Earliest Transaction (Month/Day/Year)

02/25/2013

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Director

X_ Officer (give title

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

Chief Executive Officer

Person

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

Issuer

below)

SCHIPHOL AIRPORT, P7 1117CE (State)

1. Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year)

Execution Date, if (Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

5. Amount of Securities Beneficially Owned Following Reported

(Instr. 3 and 4)

Transaction(s)

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (T) (Instr. 4)

Ownership (Instr. 4)

10% Owner Other (specify

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 Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. TransactionNumber Code of

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of Derivative

Security

(Month/Day/Year) (Instr. 8) Derivative

Securities Acquired (A) or Disposed of (D)

(Instr. 3, 4, and 5)

Code V (A) (D) Date Exercisable Expiration

Title

Amount or Number of

Shares

Restricted

Stock Unit (2) (1)

03/31/2016(3) 03/31/2016

Date

Ordinary Shares

300,000

Reporting Owners

Reporting Owner Name / Address

Relationships

10% Owner Officer Director

Other

Kelly Aengus **AERCAP HOUSE STATIONSPLEIN 965** SCHIPHOL AIRPORT, P7 1117CE

Chief Executive Officer

Signatures

/s/ Aengus Kelly

02/25/2013

**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).
- On March 22, 2012, AerCap granted 300,000 RSUs pursuant to AerCap Holdings N.V. 2006 Equity Incentive Plan. We are filing this (1) form solely to update the vesting date of the RSUs for the previously-granted RSUs. This form is filed voluntarily. As a foreign private issuer, AerCap is exempted from Section 16 of the Exchange Act by Rule 3a12-3.
- 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 **(2)** equivalent, or (iii) into a combination of items (i) and (ii).
- 150,000 RSUs will now vest on March 31, 2016. The remaining 150,000 RSUs will now vest on March 31, 2016, subject to performance **(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