Al Shemmari Homaid Abdulla

Form 3 June 15, 2011

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

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting

Statement

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Person * Al Shemmari Homaid Abdulla (Month/Day/Year)

AerCap Holdings N.V. [AER]

(First)

(Middle)

05/18/2011

4. Relationship of Reporting

5. If Amendment, Date Original

Person(s) to Issuer

Filed(Month/Day/Year)

AERCAP

(Last)

HOUSE, Â STATIONSPLEIN

965

(Street)

10% Owner _X_ Director Officer _ Other

(give title below) (specify below)

(Check all applicable)

6. Individual or Joint/Group

Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

SCHIPHOL AIRPORT, P7Â 1117CE

(City) (State) (Zip)

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership

3.

4. Nature of Indirect Beneficial

Form: Direct (D) Ownership (Instr. 5)

or Indirect (I) (Instr. 5)

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

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a

currently valid OMB control number.

(Month/Day/Year)

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date**

3. Title and Amount of Securities Underlying **Derivative Security**

5. 4 Ownership Conversion or Exercise Form of

6. Nature of Indirect Beneficial Ownership

(Instr. 5)

(Instr. 4)

Expiration Title

Amount or

Derivative Price of Derivative Security: Direct (D)

Date Security Exercisable Number of Date

Shares

or Indirect
(I)
(Instr. 5)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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Al Shemmari Homaid Abdulla

AERCAP HOUSE

STATIONSPLEIN 965

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Signatures

/s/ Homaid Abdulla Al Shemmari

06/15/2011

**Signature of Reporting Person

Date

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, see Instruction 5(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).

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Remarks:

This form is filed voluntarily. As a foreign private issuer, AerCap is exempted from Section 16Â of

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.

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