FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| (JF | e Responses | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------|--------------------------------|---------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------|
| 1. Name and Address of Reporting Person *- Al Noaimi Salem Rashed Abdulla Ali | | | 2. Issuer Name and Ticker or Trading Symbol AerCap Holdings N.V. [AER] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | | |
| AERCAP | | (First) STATIONSPLE | | 3. Date of E 12/31/201 | | Tran | isactio | on (Month/Da | ıy/Year) | | Officer (give title below) Other (specify below) | | | v) | |
| (Street) SCHIPHOL AIRPORT, P7 1117CE | | | 4 | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) X. Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| (City) | | (State) | (Zip) | Table I - Non-Derivative Securities Acqu | | | | s Acquired | I tired, Disposed of, or Beneficially Owned | | | | | | |
| 1.Title of Se (Instr. 3) | ecurity | | Oate Month/Day/Year) | 2A. Deeme Execution I any (Month/Day | Date, i | f Co (In | Transa ode nstr. 8) | (A) (| curities Accor Disposed r. 3, 4 and 5 | of (D) Ber Rej (In: | neficially (| nsaction(s) | For D on (I | wnership orm: irect (D) r Indirect | Beneficial Ownership |
| Reminder: R | | | | | | | | Persons v contained form disp | in this fo | | | | ond unless ti mber. | те | |
| Reminder: R | | | | | | | | contained | in this fo | | | | | те | |
| 1. Title of Derivative Security (Instr. 3) | Price of Derivative | 3. Transaction Date (Month/Day/Yea | 3A. Deemed Execution Date, | 4. Transact | tion D S A | Arra Nun f eriva ecuri cqui | nts, or nber 6 Entive (ties red | contained | I in this for lays a cur dof, or Ben ertible secu isable and ate | rently val | wned d f | 8. Price of | 9. Number of Derivative Securities Beneficially Owned | 10. Ownershi Form of Derivative Security: | Beneficia Ownersh (Instr. 4) |
| 1. Title of Derivative Security | Conversion or Exercise Price of | Date | 3A. Deemed Execution Date, any | 4. Transact | alls, w 5 tion o D S A (I | arra Nun f eriva ecuri | nts, or mber 6 Entive (1 ties red sed 3, | contained form disp red, Disposed ptions, conve 5. Date Exerc Expiration Da | I in this for lays a cur dof, or Ben ertible secu isable and ate | rently value of circles of the circl | wned d f | 8. Price of Derivative Security | 9. Number of Derivative Securities Beneficially | 10. Ownershi Form of Derivativ: Security: Direct (D or Indirec | of Indirect Beneficia Ownersh (Instr. 4) |
| 1. Title of Derivative Security | Conversion or Exercise Price of Derivative | Date | 3A. Deemed Execution Date, any | 4. Transact | tion o D S A (A D O (I 4 4) | arra Num Num Num Num Num Num Num Nu | nts, or mber 6 Entive (1 ties red sed 3, 5) | contained form disp red, Disposed ptions, conve 5. Date Exerc Expiration Da | I in this for lays a cur dof, or Ben ertible secu isable and ate | rently val reficially Orities) 7. Title an Amount o Underlyin Securities (Instr. 3 an | wned d f | 8. Price of Derivative Security | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s | 10. Ownershi Form of Derivativ Security: Direct (D or Indirec | of Indirect Beneficia Ownersh (Instr. 4) |

Reporting Owners

| Donastin - Oroman Nama / Adduses | Relationships | | | | |
|--------------------------------------------------------------------------------------------------------|---------------|-----------|---------|-------|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | |
| Al Noaimi Salem Rashed Abdulla Ali AERCAP HOUSE STATIONSPLEIN 965 SCHIPHOL AIRPORT, P7 1117CE | X | | | | |

Signatures

| /s/ Salem Rashed Abdulla Ali Al Noaimi | 01/07/2014 |
|----------------------------------------|------------|
| **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") represents a right to receive, upon settlement, either (i) a number of Shares equal to the number of vested RSUs that become payable upon the (1) applicable payment date; (ii) the cash equivalent of such number of Shares; or (iii) a combination of items (i) and (ii). This form is filed voluntarily. As a foreign private issuer, AerCap is exempted from Section 16 of the Exchange Act by Rule 3a12-3.
- (2) Grant of Restricted Stock Units.
- (3) The Restricted Stock Units will vest on 01/01/2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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