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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

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| 1. Name and Address of Reporting Person *<br><u>Drouillard Vincent</u><br>_____<br>(Last) (First) (Middle)<br><u>AERCAP HOUSE, 65 ST. STEPHEN'S GREEN</u><br>_____<br>(Street)<br><u>DUBLIN L2 D02 YX20</u><br>_____<br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>AerCap Holdings N.V. [ AER ]</u> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner<br>Officer (give title below) Other (specify below)<br>X <u>General Counsel</u> |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>05/07/2026</u>              |  |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |  |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |       | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4)               |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price |   |  |   |
| Ordinary Shares                 | 05/07/2026                           |  | S                              |   | 4,504   | D          | \$150 | 91,323 <sup>(1)</sup>   | D  |   |
| Ordinary Shares                 |                                      |  |                                |   |   |            |       | 109,169   | I  | By AerCap Holdings N.V. Equity Incentive Plans Trust <sup>(2)</sup> |

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |   |  |

**Explanation of Responses:**

- 1. Includes 70,756 Ordinary Shares that were released from the AerCap Holdings N.V. Equity Incentive Plans Trust (the "Trust") since the last Form 4 filed by the Reporting Person on April 21, 2026.
- 2. Represents Ordinary Shares granted as compensatory awards and held by the Trust in order to achieve certain tax benefits under Irish law, after which the shares (to the extent vested) will be released to the reporting person. Of these awards, 42,454 are restricted shares that remain subject to service-based vesting conditions and 66,715 are restricted shares that remain subject to service- and performance-based vesting conditions.

/s/ Vincent Drouillard 05/08/2026  
 \*\* Signature of Reporting Person Date

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

\* 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).

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

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 Number.