

## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

☐ 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.

|   |  |   |
|---|--|---|
| 1. Name and Address of Reporting Person *<br><u>Averick Robert M</u><br><hr/> (Last) (First) (Middle)<br><u>C/O KOKINO LLC</u><br><u>201 TRESSER BOULEVARD, 3RD FLOOR</u><br><hr/> (Street)<br><u>STAMFORD CT 06901</u><br><hr/> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>AMTECH SYSTEMS INC [ ASYS ]</u><br><hr/> 3. Date of Earliest Transaction (Month/Day/Year)<br><u>09/02/2025</u><br><hr/> 4. If Amendment, Date of Original Filed (Month/Day/Year) | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner<br>Officer (give title below) Other (specify below)<br><hr/> 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |
|---|--|---|

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  |   |  |   |
| Common Stock                    |                                      |  |                                |   |   |            |        | 2,250,000 <sup>(1)(2)</sup>   | I <sup>(1)(2)</sup>                                      | See footnote 2 below                                  |
| Common Stock                    |                                      |  |                                |   |   |            |        | 500 <sup>(3)</sup>  | I <sup>(3)</sup>   | See footnote 3 below                                  |
| Common Stock                    |                                      |  |                                |   |   |            |        | 11,000 <sup>(4)</sup>   | I <sup>(4)</sup>   | See footnote 4 below                                  |
| Common Stock                    | 09/02/2025                           |  | M                              |   | 6,000   | A          | \$5.4  | 681,260   | D  |   |
| Common Stock                    | 09/02/2025                           |  | M                              |   | 6,000   | A          | \$5.75 | 687,260   | D  |   |
| Common Stock                    | 09/02/2025                           |  | M                              |   | 6,000   | A          | \$4.77 | 693,260   | D  |   |
| Common Stock                    | 09/02/2025                           |  | M                              |   | 6,000   | A          | \$4.9  | 699,260   | D  |   |

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 |  | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |   |  |
| Restricted Stock Units                     | (5)  |                                      |  |                                |   |  | (5)  | (5)             | Common Stock  | 8,081                      |  | 8,081 <sup>(5)</sup>   | D   |  |
| Director Stock Option (Right to Buy)       | \$5.4  | 09/02/2025                           |  | M                              |   | 6,000  | 01/15/2016   | 01/15/2026      | Common Stock  | 6,000                      | \$0  | 36,000   | D   |  |
| Director Stock Option (Right to Buy)       | \$5.75   | 09/02/2025                           |  | M                              |   | 6,000  | 03/17/2017   | 03/17/2027      | Common Stock  | 6,000                      | \$0  | 30,000   | D   |  |
| Director Stock Option (Right to Buy)       | \$4.77   | 09/02/2025                           |  | M                              |   | 6,000  | 03/06/2019   | 03/06/2029      | Common Stock  | 6,000                      | \$0  | 24,000   | D   |  |
| Director Stock Option (Right to Buy)       | \$4.9  | 09/02/2025                           |  | M                              |   | 6,000  | 03/04/2020   | 03/04/2030      | Common Stock  | 6,000                      | \$0  | 18,000 <sup>(6)</sup>  | D   |  |

Explanation of Responses:

1. Pursuant to a Schedule 13D filed on January 25, 2016, as amended (as further amended from time to time, the "Schedule 13D"), (i) Piton Capital Partners LLC ("Piton"), Cornice Fiduciary Management LLC (as trustee of the Trust (as defined in the Schedule 13D)) and M3C Holdings LLC (collectively, the "Kokino Family Clients"), (ii) Mr. Averick, and (iii) OIH LLC also report beneficial ownership of shares of the Issuer's \$.01 par value common stock ("Common Shares").
2. Indicates 2,250,000 Common Shares beneficially owned by the Kokino Family Clients. Mr. Averick is a Portfolio Manager at Kokino LLC ("Kokino"). Mr. Averick manages the Kokino Family Clients' investment in the Issuer as a Portfolio Manager of Kokino. Mr. Averick holds an indirect interest in certain Common Shares through his minority ownership of Piton, which is a Kokino Family Client (which ownership may be held through Piton's managing member, Piton Capital Management LLC ("PCM")). Also, Mr. Averick's incentive compensation/allocation as an employee of Kokino and member of Piton, which are generally calculated in Kokino's discretion subject to Piton's and PCM's governing documents, may be based on the performance of Common Shares held by Kokino Family Clients. Such compensation/allocation may be paid or made in cash and/or by way of increasing Mr. Averick's interest in Piton (either directly or indirectly through PCM). Kokino is PCM's managing member.
3. Indicates Common Shares held in a custodial account for the benefit of an immediate family member of Mr. Averick.
4. Indicates Common Shares held by Mr. Averick's spouse.
5. This is the total of all restricted stock units held by Mr. Averick as of the filing date of this Form 4.
6. This is the total of all director stock options (right to buy), including those with different terms and conditions, held by Mr. Averick as of the filing date of this Form 4 (and after giving effect to the reported transactions).

/s/ Robert Averick  
\*\* Signature of Reporting Person

09/03/2025  
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.

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