

GENDELL JEFFREY L ET AL

Form 3

January 18, 2008

**FORM 3**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB  
Number: 3235-0104Expires: January 31,  
2005Estimated average  
burden hours per  
response... 0.5**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  
Person \*GENDELL JEFFREY L ET  
AL

(Last) (First) (Middle)

55 RAILROAD AVENUE

(Street)

GREENWICH, CT 06830

(City) (State) (Zip)

2. Date of Event Requiring  
Statement(Month/Day/Year)  
12/12/20073. Issuer Name and Ticker or Trading Symbol  
AMTECH SYSTEMS INC [ASYS]4. Relationship of Reporting  
Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_X\_\_\_\_ 10% Owner  
\_\_\_\_ Officer \_\_\_\_ Other  
(give title below) (specify below)5. 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**Table I - Non-Derivative Securities Beneficially Owned**1. Title of Security  
(Instr. 4)2. Amount of Securities  
Beneficially Owned  
(Instr. 4)3. Ownership  
Form:  
Direct (D)  
or Indirect  
(I)  
(Instr. 5)4. Nature of Indirect Beneficial  
Ownership  
(Instr. 5)

Common Stock, \$0.01 par value

908,014 <sup>(1)</sup>

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See footnotes <sup>(2)</sup> <sup>(3)</sup>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.****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  
(Month/Day/Year)3. Title and Amount of  
Securities Underlying  
Derivative Security  
(Instr. 4)  
Title4. Conversion  
or Exercise  
Price of  
Derivative  
Security5. Ownership  
Form of  
Derivative  
Security:  
Direct (D)6. Nature of Indirect  
Beneficial Ownership  
(Instr. 5)

Date Exercisable	Expiration Date	Amount or Number of Shares	or Indirect (I) (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GENDELL JEFFREY L ET AL 55 RAILROAD AVENUE GREENWICH, CT 06830	Â	Â X	Â	Â

## Signatures

/s/Jeffrey L.  
Gendel

01/18/2008

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

\* 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).

(1) At the time of the acquisition, the shares of Common Stock reported herein represented less than 10% of the Issuers shares of Common Stock then outstanding pursuant to the Issuer's prospectus filed on November 16, 2007. The total outstanding shares of Common Stock subsequently reported on the Issuer's Form 10-K on December 12, 2007 was decreased, and the shares of Common Stock previously acquired then represented more than 10% of the outstanding shares of Common Stock.

(2) The Reporting Person is the managing member of Tontine Capital Management, L.L.C. ("TCM"), a Delaware limited liability company, the general partner of Tontine Capital Partners, L.P. ("TCP"), a Delaware limited partnership. The Reporting Person is also the managing member of Tontine Overseas Associates, L.L.C., a Delaware limited liability company ("TOA"), the investment adviser to Tontine Capital Overseas Master Fund, L.P., a Cayman Islands exempted limited partnership ("TCO").

(3) The Reporting Person directly owns 0 shares of the Common Stock. TCM and TOA directly own 0 shares of Common Stock. TCP directly owns 727,414 shares of Common Stock. TCO directly owns 180,600 shares of Common Stock. All of the foregoing shares of Common Stock may be deemed to be beneficially owned by the Reporting Person. The Reporting Person disclaims beneficial ownership of the Issuer's securities reported herein for purposes of Section 16(a) under the Securities Exchange Act of 1934, as amended, or otherwise, except as to securities directly owned by the Reporting Person or representing the Reporting Person's pro rata interest in, and interest in the profits of, TCM, TCP, TOA, TCO and the separately managed accounts.

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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