

KING ROBERT F  
Form 4  
May 22, 2007

**FORM 4**

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

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

**STATEMENT OF CHANGES IN 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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**KING ROBERT F**

(Last) (First) (Middle)

**C/O AMTECH SYSTEMS INC, 131  
SOUTH CLARK DRIVE**

(Street)

**TEMPE, AZ 85281**

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
**AMTECH SYSTEMS INC [ASYS]**

3. Date of Earliest Transaction  
(Month/Day/Year)

**05/19/2007**

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

☒ Director ☐ 10% Owner  
☐ Officer (give title below) ☐ Other (specify  
below)

6. Individual or Joint/Group Filing(Check  
Applicable Line)

☒ Form filed by One Reporting Person  
☐ 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)
				(A) or (D)			
			Code	V	Amount	(D)	Price

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

**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.**

SEC 1474  
(9-02)

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities

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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)						(Instr. 3 and 4)
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to purchase \$.01 par value common stock <sup>(1)</sup>	\$ 8.2	05/19/2007	A		5,000		05/19/2008 <sup>(3)</sup>	05/19/2017 <sup>(4)</sup>	\$.01 par value common stock <sup>(2)</sup>	5,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KING ROBERT F C/O AMTECH SYSTEMS INC 131 SOUTH CLARK DRIVE TEMPE, AZ 85281	X			

## Signatures

By Robert T. Hass on behalf of Robert F. King by power of attorney

05/22/2007

**\*\*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).

- (1) Amtech Systems, Inc. Non-Employee Director Stock Option**

- (2) Amtech Systems, Inc. \$.01 par value common stock

- (3) One-third of the stock option granted vest on each of the first three anniversaries of the grant date.

Any unexercised stock options expire 90 days after membership on the Board of Directors terminates, except that the expiration is one

- (4) year from the date of termination if such termination is the result of death, or such other expiration date as the Board of Directors sets in its discretion at the time of termination.

- (5) Price omitted because the transaction is a grant of a stock option.

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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