GILLEN JOHN Form 4 July 11, 2006

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per

Form 5 obligations may continue. See Instruction

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

response... 0.5

7. Nature of

Indirect

Beneficial

(Instr. 4)

Ownership

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **GILLEN JOHN**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

EMCORE CORP [EMKR]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction

X_ Director 10% Owner Officer (give title Other (specify

C/O EMCORE CORPORATION, 145 BELMONT

(Street)

(State)

DRIVE

4. If Amendment, Date Original

(Month/Day/Year)

07/06/2006

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

below)

SOMERSET, NJ 08873

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Code V Amount (D) Price

5. Amount of 6. Securities Ownership Beneficially Form: Direct Owned (D) or Indirect (I) **Following** Reported (Instr. 4)

D

Transaction(s) (Instr. 3 and 4)

EMCORE

(City)

Corporation Common

07/06/2006

57 (1) A

(A)

or

Stock, no par

value

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amour	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ		e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities		(Instr. 3 and 4)			Owne	
	Security				Acquired						Follo
	(A) or									Repo	
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	*		or Number		
						Exercisable			of		
				Code V	(A) (D)				Shares		
				Code v	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

GILLEN JOHN C/O EMCORE CORPORATION 145 BELMONT DRIVE SOMERSET, NJ 08873



Signatures

John Gillen 07/10/2006

**Signature of Pate 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) Shares acquired pursuant to Directors' Stock Award Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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