GILLEN JOHN

Form 4

December 20, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

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subject to Section 16. Form 4 or Form 5 obligations

if no longer

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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

may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

GILLEN JOHN

2. Issuer Name and Ticker or Trading Symbol

EMCORE CORP [EMKR]

(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

(Last)

(City)

(First)

(Middle)

(Zip)

3. Date of Earliest Transaction

4. If Amendment, Date Original

12/16/2005

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

C/O EMCORE

CORPORATION, 145 BELMONT **DRIVE**

(State)

(Street)

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

SOMERSET, NJ 08873

(- 4)	(******)	1 abie i	- Non-Der	ivative Secu	irities Acqui	irea, Disposea oi	, or Beneficiali	y Ownea
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securitie	es Acquired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Disp	posed of	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(D)		Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4	and 5)	Owned	(D) or	Ownership
						Following	Indirect (I)	(Instr. 4)
					/ A N	Reported	(Instr. 4)	
					(A)	Transaction(s)		
			G 1 17		or	(Instr. 3 and 4)		
			Code V	Amount ((D) Price			

EMCORE

Corporation

value

Common 12/16/2005 Stock, no par

468

23,250

D

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		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr.	3 and 4)		Owne
	Security				Acquired			•			Follo
	,				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						,
					4, and 5)						
					., and 3)						
									Amount		
						Data	Evaluation		or		
					Date	Expiration	Title N	Number			
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

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



Signatures

John Gillen 12/20/2005

**Signature of Pate
Reporting Person

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).

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.

Reporting Owners 2