

U.S. SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 3

OMB APPROVAL

OMB Number: 3235-0104

Expires: September 30, 1998

Estimated 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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*
Last, First, Middle: Wagner, Laurence

Street: c/o EMCORE Corporation, 394 Elizabeth Avenue
City, State, Zip: Somerset, New Jersey 08873
2. Date of Event Requiring Statement (Month/Day/Year): 3/6/97
3. IRS or Social Security Number of Reporting Person
(Voluntary)
4. Issuer Name and Ticker or Trading Symbol: EMCORE
Corporation (EMKR)
5. Relationship of Reporting Person(s) to Issuer (Check all
applicable)

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

Vice President - Electronic Materials
6. If Amendment, Date of Original (Month/Day/Year)
7. Individual or Joint/Group Filing (Check Applicable Line)

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

* If the form is filed by more than one reporting person, see Instruction
5(b)(v).

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)
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(1)

TABLE I -- CONTINUED

1. Title of Security (Instr. 4)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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(1)

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

