

OMB APPROVAL

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934
(Amendment No. *)

Emcore Corporation
(Name of Issuer)

Common Stock
(Title of Class of Securities)

290846104
(CUSIP Number)

Christopher J. Rupright, Esq.
Shartsis Friese & Ginsburg
One Maritime Plaza, 18th Floor
San Francisco, CA 94111
(415) 421-6500

(Name, Address and Telephone Number of Person Authorized to Receive Notices
and Communications)

September 26, 1997
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(b)(3) or (4), check the following box / /.

Check the following box if a fee is being paid with the statement / /. (A fee is not required only if the reporting person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7.)

Note: Six copies of this statement, including all exhibits, should be filed with the Commission. See Rule 13d-1(a) for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

 1 NAME OF REPORTING PERSON
 SS OR IRS IDENTIFICATION NO. OF ABOVE PERSON

 West Highland Capital, Inc.

 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / X /
 (b) / /

 3 SEC USE ONLY

 4 SOURCE OF FUNDS*

 AF

 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
 ITEMS 2(d) or 2(E) / /

 6 CITIZENSHIP OR PLACE OF ORGANIZATION

 California

NUMBER OF SHARES	7	SOLE VOTING POWER
	-0-	
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER
	432,300	
	9	SOLE DISPOSITIVE POWER
	-0-	
	10	SHARED DISPOSITIVE POWER
	432,300	

 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 432,300

 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*
 / /

 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
 7.3

 14 TYPE OF REPORTING PERSON*
 CO and IA

*SEE INSTRUCTIONS BEFORE FILLING OUT!
 INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7
 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

 1 NAME OF REPORTING PERSON
 SS OR IRS IDENTIFICATION NO. OF ABOVE PERSON

 Estero Partners, LLC

 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / X /
 (b) / /

 3 SEC USE ONLY

 4 SOURCE OF FUNDS*

 AF

 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
 ITEMS 2(d) or 2(E) / /

 6 CITIZENSHIP OR PLACE OF ORGANIZATION

 California

NUMBER OF SHARES	7	SOLE VOTING POWER -0-
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER 358,809
	9	SOLE DISPOSITIVE POWER -0-
	10	SHARED DISPOSITIVE POWER 358,809

 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 358,809

 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*
 / /

 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
 6.1

 14 TYPE OF REPORTING PERSON*
 00

*SEE INSTRUCTIONS BEFORE FILLING OUT!
 INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7
 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

 1 NAME OF REPORTING PERSON
 SS OR IRS IDENTIFICATION NO. OF ABOVE PERSON

 Lang H. Gerhard

 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / X /
 (b) / /

 3 SEC USE ONLY

 4 SOURCE OF FUNDS*

 AF

 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
 ITEMS 2(d) or 2(E) / /

 6 CITIZENSHIP OR PLACE OF ORGANIZATION

 United States

NUMBER OF SHARES	7	SOLE VOTING POWER -0-
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER 358,809
	9	SOLE DISPOSITIVE POWER -0-
	10	SHARED DISPOSITIVE POWER 358,809

 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 358,809

 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*
 / /

 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
 6.1

 14 TYPE OF REPORTING PERSON*
 IN

*SEE INSTRUCTIONS BEFORE FILLING OUT!
 INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7
 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

 1 NAME OF REPORTING PERSON
 SS OR IRS IDENTIFICATION NO. OF ABOVE PERSON

 West Highland Partners, L.P.

 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / X /
 (b) / /

 3 SEC USE ONLY

 4 SOURCE OF FUNDS*

 WC

 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
 ITEMS 2(d) or 2(E) / /

 6 CITIZENSHIP OR PLACE OF ORGANIZATION

 California

NUMBER OF SHARES	7	SOLE VOTING POWER
	-0-	
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER
	9	SOLE DISPOSITIVE POWER
	10	SHARED DISPOSITIVE POWER
		-0-
		298,287

 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 298,287

 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*
 / /

 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
 5.0

 14 TYPE OF REPORTING PERSON*
 PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!
 INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7
 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

 1 NAME OF REPORTING PERSON
 SS OR IRS IDENTIFICATION NO. OF ABOVE PERSON

 Buttonwood Partners, L.P.

 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / X /
 (b) / /

 3 SEC USE ONLY

 4 SOURCE OF FUNDS*

 WC

 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
 ITEMS 2(d) or 2(E) / /

 6 CITIZENSHIP OR PLACE OF ORGANIZATION

 California

NUMBER OF SHARES	7	SOLE VOTING POWER
	-0-	
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER
	9	SOLE DISPOSITIVE POWER
	10	SHARED DISPOSITIVE POWER
		60,522

 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 60,522

 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*
 / /

 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
 1.0

 14 TYPE OF REPORTING PERSON*
 PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!
 INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7
 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

ITEM 1. SECURITY AND ISSUER.

This statement relates to shares of Common Stock (the "Stock") of Emcore Corporation ("EMKR"). The principal executive office of EMKR is located at 394 Elizabeth Avenue, Somerset, New Jersey 08873

ITEM 2. IDENTITY AND BACKGROUND.

The persons filing this statement and the persons enumerated in Instruction C of Schedule 13D and, where applicable, their respective places of organization, general partners, directors, executive officers and controlling persons, and the information regarding them, is as follows:

- (a) Lang H. Gerhard ("Gerhard"); West Highland Capital, Inc., a California corporation ("WHC"); Estero Partners, LLC, a California limited liability company ("LLC"); West Highland Partners, L.P., a California limited partnership ("WHP"); Buttonwood Partners, L.P., a California limited partnership ("BP").
- (b) The business address of Gerhard, WHC, LLC, WHP and BP is 300 Drake's Landing Road, Suite 290, Greenbrae, California 94904.
- (c) Gerhard is the sole director and occupies all the executive offices of WHC, which is an investment adviser. Gerhard is the sole manager of LLC. WHC, LLC and Gerhard are the general partners of WHP and BP, which are investment limited partnerships.
- (d) During the last five years, none of such persons has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).
- (e) During the last five years, none of such persons was a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.
- (f) Gerhard is a citizen of the United States of America.

ITEM 3. SOURCE AND AMOUNT OF FUNDS OR OTHER CONSIDERATION.

The source and amount of funds used in purchasing the Stock were as follows:

Purchaser	Source of Funds	Amount
WHC	Funds Under Management(1)	\$8,479,667.76
WHP	Working Capital	\$5,850,970.76
BP	Working Capital	\$1,187,153.48

- (1) Includes funds invested by WHP and BP in Stock.

ITEM 4. PURPOSE OF TRANSACTION.

The sole purpose of the acquisitions of the Stock reported herein was and is for investment.

ITEM 5. INTEREST IN SECURITIES OF THE ISSUER.

The beneficial ownership of the Stock of the persons named in Item 2 of this statement is as follows at the date hereof:

Name	Aggregate Beneficially Owned		Voting Power		Dispositive Power	
	Number	Percent	Sole	Shared	Sole	Shared
WHC	432,300	7.3	-0-	432,300	-0-	432,300
Gerhard	358,809	6.1	-0-	358,809	-0-	358,809
LLC	358,809	6.1	-0-	358,809	-0-	358,809
WHP	298,287	5.0	-0-	298,287	-0-	298,287
BP	60,522	1.0	-0-	60,522	-0-	60,522

The persons filing this statement effected the following transactions in the Stock on the dates indicated, and such transactions are the only transactions by the persons filing this statement in the Stock since July 28, 1997:

Name	Purchase or Sale	Date	Number of Shares	Price Per Share
WHP	P	8-21-97	12,075	22.8036
BP	P	8-21-97	2,450	22.8036
WHC	P	8-21-97	2,975	22.8036
WHP	P	9-4-97	6,900	22.1563
BP	P	9-4-97	1,400	22.1563
WHC	P	9-4-97	1,700	22.1563
WHP	P	9-8-97	15,525	20.8056
BP	P	9-8-97	3,150	20.8056
WHC	P	9-8-97	3,825	20.8056
WHP	P	9-10-97	41,400	20.3750
BP	P	9-10-97	8,400	20.3750
WHC	P	9-10-97	10,200	20.3750
WHP	P	9-11-97	3,450	20.6250
BP	P	9-11-97	700	20.6250
WHC	P	9-11-97	850	20.6250
WHP	P	9-12-97	5,727	20.2500
BP	P	9-12-97	1,162	20.2500
WHC	P	9-12-97	1,411	20.2500

(Continued on page 9)

(Schedule continued from page 8)

Name	Purchase or Sale	Date	Number of Shares	Price Per Share
WHP	P	9-15-97	11,109	20.1553
BP	P	9-15-97	2,254	20.1553
WHC	P	9-15-97	2,737	20.1553
WHP	P	9-16-97	3,450	19.5000
BP	P	9-16-97	700	19.5000
WHC	P	9-16-97	850	19.5000
WHP	P	9-17-97	15,525	19.0833
BP	P	9-17-97	3,150	19.0833
WHC	P	9-17-97	3,825	19.0833
WHP	P	9-18-97	10,350	18.2583
BP	P	9-18-97	2,100	18.2583
WHC	P	9-18-97	2,550	18.2583
WHP	P	9-19-97	3,450	17.8750
BP	P	9-19-97	700	17.8750
WHC	P	9-19-97	850	17.8750
WHP	P	9-22-97	276	17.5000
BP	P	9-22-97	56	17.5000
WHC	P	9-22-97	68	17.5000
WHP	P	9-22-97	20,700	17.7500
BP	P	9-22-97	4,200	17.7500
WHC	P	9-22-97	5,100	17.7500
WHP	P	9-24-97	34,500	19.8725
BP	P	9-24-97	7,000	19.8725
WHC	P	9-24-97	8,500	19.8725
WHP	P	9-25-97	13,800	19.6250
BP	P	9-25-97	2,800	19.6250
WHC	P	9-25-97	3,400	19.6250
WHP	P	9-26-97	79,350	19.1685
BP	P	9-26-97	16,100	19.1685
WHC	P	9-26-97	19,550	19.1685
WHP	P	10-3-97	17,250	18.3750
BP	P	10-3-97	3,500	18.3750
WHC	P	10-3-97	4,250	18.3750
WHP	P	10-3-97	3,450	18.3750
BP	P	10-3-97	700	18.3750
WHC	P	10-3-97	850	18.3750

All transactions were executed through the Nasdaq National Market System.

ITEM. 6. CONTRACTS, ARRANGEMENTS, UNDERSTANDINGS OR RELATIONSHIPS WITH RESPECT TO SECURITIES OF THE ISSUER.

Gerhard, WHC and LLC are the general partners of WHP and BP pursuant to limited partnership agreements providing to Gerhard, WHC and LLC the authority, among other things, to invest the funds of WHP and BP in Stock, to vote and dispose of stock and to file this statement on behalf of WHP and BP. Pursuant to such limited partnership agreements, the general partners of WHP and BP are entitled to allocations based on assets under management and realized and unrealized gains, if certain conditions are met. Pursuant to investment management agreements, WHC is authorized, among other things, to invest funds of its various investment advisory clients, and to vote and dispose of those securities. Such investment management agreements may be terminated by either party on notice as provided in such agreements and provide for fees payable to WHC based on assets under management and realized and unrealized gains.

ITEM 7. MATERIAL TO BE FILED AS EXHIBITS.

A. Agreement Regarding Joint Filing of Statement on Schedule 13D or 13G (including power of attorney).

SIGNATURES

After reasonable inquiry and to the best of my knowledge, I certify that the information set forth in this statement is true, complete and correct.

DATED: October __, 1997.

/s/ Lang H. Gerhard
Lang H. Gerhard

WEST HIGHLAND PARTNERS, L.P.

WEST HIGHLAND CAPITAL, INC.

By: /s/ Lang H. Gerhard
Lang H. Gerhard,
General Partner

By: /s/ Lang H. Gerhard
Lang H. Gerhard, President

BUTTONWOOD PARTNERS, L.P.

ESTERO PARTNERS, LLC

By: /s/ Lang H. Gerhard
Lang H. Gerhard,
General Partner

By: /s/ Lang H. Gerhard
Lang H. Gerhard, Manager

EXHIBIT A

AGREEMENT REGARDING JOINT FILING
OF STATEMENT ON SCHEDULE 13D OR 13G

The undersigned agree to file jointly with the Securities and Exchange Commission (the "SEC") any and all statements on Schedule 13D or Schedule 13G (and any amendments or supplements thereto) required under section 13(d) of the Securities Exchange Act of 1934, as amended, in connection with purchases by the undersigned of securities of Emcore Corporation. For that purpose, the undersigned hereby constitute and appoint West Highland Capital, Inc., a California corporation, as their true and lawful agent and attorney-in-fact, with full power and authority for and on behalf of the undersigned to prepare or cause to be prepared, sign, file with the SEC and furnish to any other person all certificates, instruments, agreements and documents necessary to comply with section 13(d) and section 16(a) of the Securities Exchange Act of 1934, as amended, in connection with said purchases, and to do and perform every act necessary and proper to be done incident to the exercise of the foregoing power, as fully as the undersigned might or could do if personally present.

DATED: October __, 1997.

/s/ Lang H. Gerhard
Lang H. Gerhard

WEST HIGHLAND PARTNERS, L.P.

WEST HIGHLAND CAPITAL, INC.

By: /s/ Lang H. Gerhard
Lang H. Gerhard,
General Partner

By: /s/ Lang H. Gerhard
Lang H. Gerhard, President

BUTTONWOOD PARTNERS, L.P.

ESTERO PARTNERS, LLC

By: /s/ Lang H. Gerhard
Lang H. Gerhard,
General Partner

By: /s/ Lang H. Gerhard
Lang H. Gerhard, Manager

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