SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (D	Pate of Earliest Event Reported): July 26, 2004	
	MFA MORTGAGE INVESTMENTS, INC.	
	(Exact Name of Registrant as Specified in Its Charter)	
Maryland	1-13991	13-3974868
(State or Other Jurisdiction of Incorporation)	(Commission File No.)	(IRS Employer Identification No.)
	350 Park Avenue, 21st Floor, New York, New York 10022	
	(Address of Principal Executive Office) (Zip Code)	
Registrant's Telephone	e Number, Including Area Code: (212) 207-6400	
	Not Applicable	
	(Former name or former address, if changed since last report)	

ITEM 7. FINANCIAL STATEMENTS, PRO FORMA FINANCIAL INFORMATION AND EXHIBITS.

- (c) Exhibits.
- 99.1 Press Release, dated July 26, 2004.

ITEM 9. REGULATION FD DISCLOSURE.

MFA Mortgage Investments, Inc. ("MFA") issued a press release, dated July 26, 2004, announcing its financial results for the quarter ended June 30, 2004, which is attached hereto as Exhibit 99.1 and incorporated herein by reference.

ITEM 12. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

The information referenced in this current report on Form 8-K (including the exhibit referenced in Items 7 and 9 above) is being "furnished" under "Item 9. Regulation FD Disclosure" and "Item 12. Results of Operations and Financial Condition" and, as such, shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section. The information set forth in this current report on Form 8-K (including the exhibit referenced in Items 7 and 9 above) shall not be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended (the "Securities Act"), except as shall be expressly set forth by specific reference in such filing.

As discussed in Item 9 above, MFA issued a press release, dated July 26, 2004, announcing its financial results for the quarter ended June 30, 2004, the text of which is incorporated herein by reference.

As discussed therein, the press release contains forward-looking statements within the meaning of the Securities Act and the Exchange Act and, as such, may involve known and unknown risks, uncertainties and assumptions. These forward-looking statements relate to MFA's current expectations and are subject to the limitations and qualifications set forth in the press release as well as in MFA's other documents filed with the SEC, including, without limitation, that actual events and/or results may differ materially from those projected in such forward-looking statements.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized

MFA MORTGAGE INVESTMENTS, INC.

By: /s/ Timothy W. Korth

Timothy W. Korth General Counsel, Senior Vice President - Business Development and Secretary

Date: July 26, 2004

MFA

MORTGAGE INVESTMENTS, INC.

350 Park Avenue New York, NY 10022 [LOGO] MFA MORTGAGE INVESTMENTS, INC.

FOR IMMEDIATE RELEASE

NEW YORK METRO

PRESS

RELEASE

July 26, 2004 CONTACT:

> 800-892-7547 www.mfa-reit.com

MFA Investor Relations

NYSE: MFA

MFA Mortgage Investments, Inc.
Announces Second Quarter 2004 Earnings Per Common Share of \$0.22

MFA Mortgage Investments, Inc. (NYSE:MFA) today reported net income of \$16.9 million, or \$0.22 per share, for the second quarter ended June 30, 2004. On July 1, 2004, MFA announced its second quarter 2004 dividend of \$0.25 per share of common stock. The dividend will be paid on July 30, 2004 to stockholders of record as of July 12, 2004.

Stewart Zimmerman, MFA's Chairman of the Board, Chief Executive Officer and President, commented on MFA's second quarter 2004 results, "As anticipated, prepayment speeds on MFA's mortgage-backed securities ("MBS") increased during the second quarter of 2004, primarily due to mortgage refinancings already in the pipeline at the end of the first quarter. This higher prepayment level resulted in increased purchase premium amortization, which reduced the income earned from MFA's MBS portfolio during the second quarter. Based on the downward trend in the Mortgage Bankers Association refinancing index, MFA expects that higher interest rates during the second quarter should lead to a decline in prepayment speeds on its MBS portfolio. In the anticipation of rising interest rates, MFA conservatively maintained a reduced level of MBS assets during the second quarter. While it is anticipated that prepayments will trend down in the third quarter, anticipated increases in interest rates are expected to increase funding costs."

Mr. Zimmerman continued, "We are well positioned for the second half of 2004. Approximately 99% of our assets consist of MBS guaranteed by an agency of the U.S. government or a federally chartered corporation, other MBS rated "AAA" by Standard & Poor's Corporation, MBS-related receivables and cash. In addition, over 99% of the MBS in MFA's portfolio are adjustable-rate and hybrids, which have an initial fixed interest rate for a specified period of time and, thereafter, generally reset annually. The average coupon on these adjustable-rate and hybrid MBS was 4.09% as of June 30, 2004. Approximately 90% of the MBS in

MFA's portfolio have interest rates which contractually reprice over the next 36 months. We believe that avoiding significant holdings of fixed-rate MBS reduces our exposure to interest rate risk."

"During the second quarter of 2004, the gross yield on MFA's interest-earning assets was approximately 4.03% and the net yield on interest-earning assets was reduced to 2.77%, due primarily to premium amortization on the Company's MBS portfolio. The portfolio spread, which is the difference between MFA's interest-earning asset portfolio net yield of 2.77% and its 1.53% cost of funds, was 1.24% for the second quarter. The prepayment speed on MFA's MBS portfolio averaged 32% Constant Prepayment Rate ("CPR") during the second quarter of 2004. MFA's assets are primarily indexed to one-year treasury rates and one-year LIBOR and, in the current low interest rate environment, MFA's return on average equity for the second quarter was 10.7%."

MFA finances the acquisition of its MBS primarily by borrowing using repurchase agreements. At June 30, 2004, MFA's debt-to-equity ratio was 7.3:1 while its assets-to-equity ratio was approximately 8.4:1. Over time, MFA expects to maintain asset-to-equity ratio of less than 11:1. As part of its interest rate strategy, MFA generally intends to maintain its asset-to-equity ratio near or below 9.0x in the third quarter of 2004.

MFA invests in adjustable-rate and hybrid MBS (collectively, "ARM-MBS"). Due to the fact that the assets MFA owns have interest rates that generally reset annually after their initial fixed terms, the coupon received on these assets will adjust over time as interest rates change. In measuring its assets-to-borrowings repricing gap (the "Repricing Gap"), MFA measures the difference between: (a) the weighted-average months until coupon adjustment or prepayment on its ARM-MBS portfolio assuming a CPR of 15%; and (b) the months remaining on its repurchase agreements applying the same CPR assumption. The CPR assumption is applied in order to reflect, to some extent, the prepayment characteristics of interest-earning assets and interest-bearing liabilities. The weighted-average time to repricing or expected prepayment for MFA's ARM-MBS portfolio is approximately 16.9 months while the average term remaining on its repurchase agreements, including the impact of interest rate swaps, is 8.4 months, resulting in a Repricing Gap of 8.5 months.

MFA seeks to generate income from investment in high-quality ARM-MBS and other assets. At June 30, 2004, MFA had total assets of approximately \$5.5 billion. As of that date, approximately 99% of these assets consisted of MBS guaranteed by an agency of the U.S. Government, such as Ginnie Mae, or a federally chartered corporation, such as Fannie Mae or Freddie Mac, other MBS rated "AAA" by Standard & Poor's Corporation, MBS-related receivables and cash.

Stockholders interested in participating in MFA's Discount Waiver, Direct Stock Purchase and Dividend Reinvestment Plan (the "Plan") or receiving a Plan Prospectus may do so by contacting Mellon Investor Services, the Plan administrator, at 1-866-249-2610 (toll free). For more information about the Plan, interested stockholders may also go to the website established for the Plan at http://www.melloninvestor.com or visit MFA's website at http://www.mfa-reit.com.

The Company will hold a conference call on Tuesday, July 27, 2004, at 2:00 PM EDT. The number to call is (888) 428-4474 in the U.S. and Canada. International callers must dial (612) 332-0107. The replay will be available through August 3, 2004 at 11:59 PM EDT, and can be accessed by dialing (800) 475-6701 in the U.S. and Canada or (320) 365-3844 internationally and entering access code: 740281. The conference call will be webcast over the internet and can be accessed at http://www.mfa-reit.com on our Investor Relations page or http://www.ccbn.com. To listen to the call, go to the website at least 15 minutes before the call to register, download and install any needed audio software.

When used in this press release or other written or oral communications, statements which are not historical in nature, including those containing words such as "anticipate," "estimate," "should," "expect," "believe," "intend" and similar expressions, are intended to identify "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and, as such, may involve known and unknown risks, uncertainties and

assumptions. These forward-looking statements are subject to various risks and uncertainties, including, but not limited to, those relating to: changes in the prepayment rates on the mortgage loans securing MFA's MBS; changes in interest rates and the market value of MFA's MBS; MFA's ability to use borrowings to finance its assets; changes in government regulations affecting MFA's business; MFA's ability to maintain its qualification as a REIT for federal income tax purposes; and risks associated with investing in real estate assets, including changes in business conditions and the general economy. These and other risks, uncertainties and factors, including those described in reports that MFA files from time to time with the SEC, could cause MFA's actual results to differ materially from those projected in any forward-looking statements it makes. All forward-looking statements speak only as of the date they are made and MFA does not undertake, and specifically disclaims, any obligation to update or revise any forward-looking statements to reflect events or circumstances occurring after the date of such statements.

MFA Mortgage Investments, Inc. Consolidated Balance Sheets

(In Thousands, Except Share and Per Share Amounts)	June 30, 2004	December 31, 2003
	(Unaudited)	
Assets:	\$ 5.245.20 (D 4 252 540
Mortgage-backed securities ("MBS")	\$ 5,317,396	\$ 4,372,718
Cash and cash equivalents	94,174	139,707
Accrued interest receivable	21,759	18,809
Interest rate caps	2,993	276
Equity interests in real estate investments	_	2,802
Real estate held for investment	30,345	21,486
Goodwill	7,189	7,189
Receivable under Discount Waiver, Direct Stock Purchase and		
Dividend Reinvestment Plan ("DRSPP")	879	705
Prepaid and other assets	1,615	1,238
	\$ 5,476,350	\$ 4,564,930
Liabilities:		
Repurchase agreements	\$ 4,771,653	\$ 4,024,376
Accrued interest payable	13,982	7,239
Mortgages payable on real estate	22,780	16,161
Interest rate swaps	122	
Dividends payable		15,923
MBS purchase payable	15,543	15,010
Accrued expenses and other liabilities	1,881	1,263
Treetuce expenses and outer informace		
	4,825,961	4,079,972
Commitments and contingencies		
Stockholders'Equity:		
Preferred stock, \$.01 par value; Series A 8.50% Cumulative Redeemable; 5,000,000 shares authorized; 2,000,000 and 0 issued and outstanding at June 30, 2004 and December 31, 2003, respectively (\$50,000 and \$0 aggregate liquidation preference)	20	_
Common stock, \$.01 par value; 370,000,000 shares authorized;		
78,220,946 and 63,201,224 issued and outstanding at		
June 30, 2004 and December 31, 2003, respectively	782	632
Additional paid-in capital	703,197	512,199
Accumulated earnings/(deficit)	3,442	(15,764)
Accumulated other comprehensive income/(loss)	(57,052)	(12,109)
	650,389	484.958
		- ,
	\$ 5,476,350	\$ 4,564,930

MFA Mortgage Investments, Inc. Consolidated Statements of Income

	Three Months Ended June 30,				Six Months Ended June 30,			
	2004		2003		2004			2003
(In Thousands, Except Per Share Amounts)			(Unaudited)					
Interest Income:								
MBS income	\$	38,678	\$	30,642	\$	78,744	\$	62,707
Interest income on temporary cash investments		171		148		338		271
Total Interest Income		38,849		30,790		79,082		62,978
							_	
Interest Expense on repurchase agreements		18,952		14,700		35,093		29,667
							_	
Net Interest Income		19,897		16,090		43,989		33,311

479
1,221
334
_
2,034
1,880
832
500
1,382
4,594
30,751
_
30,751
0.63
48,780
0.63
48,836
5