

PROSPECTUS

\$690,048,761

Federal National Mortgage Association



Guaranteed REMIC Pass-Through Certificates  
Fannie Mae REMIC Trust 1993-G13

The Guaranteed REMIC Pass-Through Certificates offered hereby (the "REMIC Certificates") represent beneficial ownership interests in one of two trust funds. The REMIC Certificates, other than the Class 13-RL REMIC Certificate, represent beneficial ownership interests in Fannie Mae REMIC Trust 1993-G13 (the "Trust"). The assets of the Trust consist of the "regular interests" in a separate trust fund (the "Lower Tier REMIC"). The assets of the Lower Tier REMIC consist of "fully modified pass-through" mortgage-backed securities ("GNMA Certificates") guaranteed as to timely payment of principal and interest by the Government National Mortgage Association ("GNMA"). Each GNMA Certificate is based on and backed by a pool of first lien, single-family, fixed-rate residential mortgage loans (the "Mortgage Loans") which are either insured by the Federal Housing Administration ("FHA") or partially guaranteed by the Department of Veterans Affairs ("VA"). See "GNMA and the GNMA Programs" herein. Kidder, Peabody & Co. Incorporated ("Kidder, Peabody") is to receive the REMIC Certificates in exchange for the GNMA Certificates pursuant to a Fannie Mae commitment and will sell the REMIC Certificates to the public as described below and under "Plan of Distribution" herein.

Elections will be made to treat the Lower Tier REMIC and the Trust as "real estate mortgage investment conduits" ("REMICs") pursuant to the Internal Revenue Code of 1986, as amended ("Code"). The REMIC Certificates (other than the Class 13-R and Class 13-RL REMIC Certificates) will be designated as the "regular interests," and the Class 13-R REMIC Certificate will be designated as the "residual interest," in the REMIC constituted by the Trust. The interests in the Lower Tier REMIC other than the Class 13-RL REMIC Certificate (the "Lower Tier Regular Interests") will be designated as the "regular interests," and the Class 13-RL REMIC Certificate will be designated as the "residual interest," in the Lower Tier REMIC. See "Certain Federal Income Tax Consequences" herein.

*(Cover continued on next page)*

**THE OBLIGATIONS OF FANNIE MAE UNDER ITS GUARANTY OF THE REMIC CERTIFICATES ARE OBLIGATIONS OF FANNIE MAE ONLY AND ARE NOT BACKED BY THE FULL FAITH AND CREDIT OF THE UNITED STATES. THE REMIC CERTIFICATES ARE EXEMPT FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT OF 1933 AND ARE "EXEMPTED SECURITIES" WITHIN THE MEANING OF THE SECURITIES EXCHANGE ACT OF 1934.**

	Original Principal Balance	Interest Rate	Final Distribution Date		Original Principal Balance	Interest Rate	Final Distribution Date
Class 13-A . . . . .	\$35,685,379	5.00%	March 2007	Class 13-FD . . . . .	\$68,080,210	(3)	March 2023
Class 13-B . . . . .	41,255,058	5.00%	November 2010	Class 13-SD . . . . .	45,386,807	(3)	March 2023
Class 13-FB . . . . .	30,776,175	(2)	November 2010	Class 13-F . . . . .	42,122,396	(2)	March 2023
Class 13-SB . . . . .	(1)	(2)	November 2010	Class 13-S . . . . .	22,102,936	(2)	March 2023
Class 13-C . . . . .	40,551,866	6.00%	August 2013	Class 13-SA . . . . .	5,978,663	(2)	March 2023
Class 13-D . . . . .	35,123,482	6.00%	July 2015	Class 13-FC . . . . .	28,980,228	(3)	March 2023
Class 13-E . . . . .	70,614,989	6.00%	June 2018	Class 13-SC . . . . .	15,753,355	(3)	March 2023
Class 13-G . . . . .	58,539,136	6.00%	June 2020	Class 13-SE . . . . .	3,566,798	(3)	March 2023
Class 13-H . . . . .	83,587,906	6.00%	September 2022	Class 13-IO . . . . .	(4)	8.50%	March 2023
Class 13-J . . . . .	23,921,690	6.00%	March 2023	Class 13-R . . . . .	(5)	(5)	March 2023
Class 13-K . . . . .	38,021,687	6.00%	March 2023	Class 13-RL . . . . .	(6)	(6)	March 2023

- (1) The Class 13-SB REMIC Certificates are interest only certificates, have no principal balance and will bear interest on a notional principal balance (initially \$30,776,175) as described herein under "Description of the REMIC Certificates—Distributions of Interest."
- (2) The interest rate is subject to monthly adjustment by reference to the London interbank offered rate for one-month U.S. dollar deposits ("LIBOR"), as described herein under "Description of the REMIC Certificates—Distributions of Interest."
- (3) The interest rate is subject to monthly adjustment by reference to the Monthly Weighted Average Cost of Funds for Eleventh District Savings Institutions as published by the Federal Home Loan Bank of San Francisco or, in certain events, an alternative index determined as specified herein ("COFI") under "Description of the REMIC Certificates—Distributions of Interest."
- (4) The Class 13-IO REMIC Certificates are interest only certificates, have no principal balance and will bear interest on a notional principal balance (initially \$202,955,517) as described herein under "Description of the REMIC Certificates—Distributions of Interest."
- (5) The Class 13-R REMIC Certificate does not have a principal balance and does not bear interest. The Holder of the Class 13-R REMIC Certificate will be entitled to receive the proceeds of the remaining assets of the Trust, if any, after the principal balances of the "regular interests" therein have been reduced to zero. It is not anticipated that there will be any material assets remaining in such circumstance.
- (6) The Class 13-RL REMIC Certificate does not have a principal balance and does not bear interest. The Holder of the Class 13-RL REMIC Certificate will be entitled to receive the proceeds of the remaining assets of the Lower Tier REMIC, if any, after the principal balances of the "regular interests" therein have been reduced to zero. It is not anticipated that there will be any material assets remaining in such circumstance.

The REMIC Certificates are being offered by Kidder, Peabody from time to time in negotiated transactions, at varying prices to be determined at the time of sale.

The REMIC Certificates are offered by Kidder, Peabody, subject to issuance by Fannie Mae and to prior sale or to withdrawal or modification of the offer without notice, when, as and if delivered to and accepted by Kidder, Peabody, and subject to the approval of certain legal matters by counsel. It is expected that the REMIC Certificates, except for the Class 13-R and Class 13-RL REMIC Certificates, will be available through the book-entry system of the Federal Reserve Banks on or about March 30, 1993. It is expected that the Class 13-R and Class 13-RL REMIC Certificates in registered, certificated form will be available for delivery at the offices of Kidder, Peabody, in New York, New York, on or about March 30, 1993.

**Kidder, Peabody & Co.**  
Incorporated

February 10, 1993

*(Cover continued from previous page)*

Interest on each Class of interest-bearing REMIC Certificates at the applicable per annum interest rate set forth on the cover or described herein will be distributed on the 25th day of each month (or, if such 25th day is not a business day, on the first business day next succeeding such 25th day), commencing in April 1993 (each, a "Distribution Date"). See "Description of the REMIC Certificates—Distributions of Interest" herein.

The principal distribution on the REMIC Certificates on each Distribution Date will be in an amount equal to the aggregate distributions of principal of the GNMA Certificates, calculated as provided herein, for the month of such Distribution Date, and the distributions of principal of the GNMA Certificates received during the month prior to the month of such Distribution Date to the extent not distributed previously. On each Distribution Date, distributions of principal of the REMIC Certificates will be allocated among the Classes of REMIC Certificates in accordance with the priorities described under "Description of the REMIC Certificates—Distributions of Principal" herein.

**The yield to investors in each Class of REMIC Certificates will be sensitive in varying degrees to the rate of principal payments (including prepayments) on the Mortgage Loans, which generally can be prepaid at any time. In addition, the yield to maturity on a Class of REMIC Certificates may vary depending on the extent to which such Class is purchased at a discount or premium. Holders of the REMIC Certificates (other than the Class 13-SB and Class 13-IO REMIC Certificates) should consider, in the case of any REMIC Certificates purchased at a discount, the risk that a slower than anticipated rate of principal payments could result in an actual yield that is lower than the anticipated yield and, in the case of any REMIC Certificates purchased at a premium, the risk that a faster than anticipated rate of principal payments could result in an actual yield that is lower than the anticipated yield. Holders of the Class 13-SB and Class 13-IO REMIC Certificates should consider the risk that a faster than anticipated rate of principal payments will result in an actual yield that is lower than the anticipated yield. In addition, the yield on any Class that bears an interest rate that fluctuates in response to changes in an index will be sensitive to the level of such index, and the yield on any Class that bears an interest rate that fluctuates as a multiple of an index will be very sensitive to the level of such index. See "Description of the REMIC Certificates—Yield Considerations" herein.**

The Class 13-R and Class 13-RL REMIC Certificates will be subject to certain transfer restrictions. In addition, any transferee of the Class 13-R or Class 13-RL REMIC Certificate will be required to execute and deliver an affidavit as provided herein. See "Description of the REMIC Certificates—Characteristics of the Class 13-R and Class 13-RL REMIC Certificates" and "Certain Federal Income Tax Consequences—Sales of Certificates—*Residual Certificates Transferred to or Held by Disqualified Organizations*" herein.

These securities have not been approved or disapproved by the Securities and Exchange Commission or any state securities commission nor has the Securities and Exchange Commission or any state securities commission passed upon the accuracy or adequacy of this Prospectus. Any representation to the contrary is a criminal offense.

**This Prospectus does not contain complete information about the REMIC Certificates. Investors should purchase REMIC Certificates only after reading this Prospectus and the Fannie Mae Information Statement dated March 30, 1992 and any supplements thereto (the "Information Statement"). The Information Statement is incorporated herein by reference and may be obtained from Fannie Mae by writing or calling its REMIC Prospectus Department at 3900 Wisconsin Avenue, N.W., Area 2H-3S, Washington, D.C. 20016 (telephone 202-752-7585). Such documents may also be obtained from Kidder, Peabody by writing or calling its Prospectus Department at 60 Broad Street, 6th Floor, New York, New York 10004 (telephone 212-656-1584).**

## TABLE OF CONTENTS

	<u>Page</u>		<u>Page</u>
<b>Description of the REMIC</b>		Rights Upon Event of Default .....	32
<b>Certificates</b> .....	4	Amendment .....	32
General .....	4	Termination .....	32
<i>Structure</i> .....	4	<b>GNMA and the GNMA Programs</b> ...	32
<i>Fannie Mae Guaranty</i> .....	4	GNMA .....	32
<i>Book-Entry Certificates</i> .....	4	GNMA Programs .....	33
<i>Definitive Certificates</i> .....	5	<b>Certain Federal Income Tax</b>	
<i>Interest Only Classes</i> .....	5	<b>Consequences</b> .....	33
<i>Authorized Denominations</i> .....	5	General .....	33
<i>Record Date</i> .....	6	REMIC Elections .....	34
<i>REMIC Trust Factors</i> .....	6	Taxation of Beneficial Owners of	
The GNMA Certificates .....	6	Regular Certificates .....	34
Prepayment Considerations and		<i>Original Issue Discount</i> .....	34
Risks .....	6	<i>Certificates Purchased at a</i>	
Distributions of Interest .....	7	<i>Premium</i> .....	36
General .....	7	<i>Market Discount</i> .....	37
<i>The Class 13-SB and Class 13-IO</i>		Taxation of Beneficial Owners of	
<i>REMIC Certificates</i> .....	7	Residual Certificates .....	37
<i>Floating Rate Certificates</i> .....	7	<i>Daily Portions</i> .....	37
Calculation of LIBOR .....	8	<i>Taxable Income or Net Loss of a</i>	
COFI .....	9	<i>REMIC Trust</i> .....	37
Distributions of Principal .....	11	<i>Basis Rules and Distributions</i> .....	39
Calculations .....	11	<i>Excess Inclusions</i> .....	39
Priorities .....	11	<i>Pass-Through of Servicing and</i>	
Assumptions Relating to Tables .....	12	<i>Guaranty Fees to Individuals</i> .....	41
Pricing Assumptions .....	12	Special Tax Attributes .....	41
PSA Assumptions .....	13	Taxes on a REMIC Trust .....	41
Principal Balance Schedules .....	14	<i>Prohibited Transactions</i> .....	41
Characteristics of the Class 13-R and		<i>Contributions to a REMIC after the</i>	
Class 13-RL REMIC Certificates ...	21	<i>Startup Day</i> .....	42
Yield Considerations .....	22	<i>Net Income from Foreclosure</i>	
General .....	22	Property .....	42
<i>The Class 13-IO REMIC</i>		<i>Application to the REMIC Trusts</i> ..	42
<i>Certificates</i> .....	23	Sales of Certificates .....	42
<i>The Class 13-SB, Class 13-S and</i>		<i>In General</i> .....	42
<i>Class 13-SA REMIC Certificates</i> .	23	<i>Residual Certificates Transferred to</i>	
<i>The Class 13-SD, Class 13-SC and</i>		<i>or Held by Disqualified</i>	
<i>Class 13-SE REMIC Certificates</i> .	24	Organizations .....	43
Final Distribution Dates .....	25	Termination .....	43
Reinvestment Risk .....	26	Reporting and Other Administrative	
Weighted Average Lives of the		Matters .....	43
REMIC Certificates .....	26	Backup Withholding .....	44
Decrement Tables .....	27	Foreign Investors .....	44
<b>The Trust Agreement</b> .....	30	<i>Regular Certificates</i> .....	44
Transfer of GNMA Certificates to the		<i>Residual Certificates</i> .....	44
Lower Tier REMIC .....	30	<b>ERISA Considerations</b> .....	45
Distributions on GNMA Certificates;		<b>Legal Investment Considerations</b> ...	45
Deposits in the Certificate Account ..	30	<b>Marginability</b> .....	46
Reports to Certificateholders .....	30	<b>Plan of Distribution</b> .....	46
Certain Matters Regarding		General .....	46
Fannie Mae .....	31	<i>Increase in REMIC Certificates</i> ....	46
Events of Default .....	31	<b>Legal Matters</b> .....	46

## DESCRIPTION OF THE REMIC CERTIFICATES

The following summaries describing certain provisions of the REMIC Certificates do not purport to be complete and are subject to, and are qualified in their entirety by reference to, the provisions of the Trust Agreement (defined below). Capitalized terms used and not otherwise defined in this Prospectus have the meanings assigned to such terms in the Trust Agreement.

### General

*Structure.* The REMIC Certificates will be issued and guaranteed by the Federal National Mortgage Association (“Fannie Mae”), a corporation organized and existing under the laws of the United States, under the authority contained in Section 304(d) of the Federal National Mortgage Association Charter Act (12 U.S.C. 1716 *et seq.*). A description of Fannie Mae and its business, together with certain financial statements and other financial information are contained in the Information Statement incorporated herein by reference. The REMIC Certificates in the Classes and aggregate original principal balances set forth on the cover page hereof will be issued pursuant to a trust agreement dated as of March 1, 1993 (the “Trust Agreement”), executed by Fannie Mae in its corporate capacity and in its capacity as Trustee. The Trust and the Lower Tier REMIC will be created pursuant to the Trust Agreement, and elections will be made to treat each of the Trust and the Lower Tier REMIC as a REMIC for federal income tax purposes.

The assets of the Trust will consist of the Lower Tier Regular Interests. The entire beneficial ownership interest in the Trust will be evidenced by the REMIC Certificates, other than the Class 13-RL REMIC Certificate, as described herein.

The assets of the Lower Tier REMIC will consist of the GNMA Certificates. The Lower Tier Regular Interests and the Class 13-RL REMIC Certificate, in the aggregate (the “Lower Tier Interests”), will evidence the entire beneficial ownership interest in the distributions of principal and interest on the GNMA Certificates, as described herein. Each of the Lower Tier Regular Interests will be designated as a “regular interest” in the Lower Tier REMIC. The Class 13-RL REMIC Certificate will be designated as the “residual interest” in the Lower Tier REMIC and will have the characteristics described herein.

*Fannie Mae Guaranty.* Pursuant to its guaranty of the REMIC Certificates, Fannie Mae will be obligated to distribute on a timely basis to Holders of REMIC Certificates all installments of interest and all installments of principal reflected in the REMIC Trust Factors published by Fannie Mae each month and to distribute the principal balance of each Class of REMIC Certificates in full no later than the applicable Final Distribution Date, whether or not sufficient funds therefor have been received by the Trust. The obligations of Fannie Mae under its guaranty of the REMIC Certificates are obligations solely of Fannie Mae and are not backed by the full faith and credit of the United States.

*Book-Entry Certificates.* The REMIC Certificates, other than the Class 13-R and Class 13-RL REMIC Certificates, will be issued and maintained and may be transferred by Holders only on the book-entry system of the Federal Reserve Banks. Each such Class of REMIC Certificates will be assigned a CUSIP number and will be tradable separately under such CUSIP number. The book-entry REMIC Certificates may be held of record only by entities eligible to maintain book-entry accounts with the Federal Reserve Banks. Such entities whose names appear on the book-entry records of the Federal Reserve Banks as the entities for whose accounts such REMIC Certificates have been deposited are herein referred to as “Holders” or “Certificateholders.” A Holder is not necessarily the beneficial owner of a book-entry REMIC Certificate. Beneficial owners will ordinarily hold book-entry REMIC Certificates through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations. A Holder that is not the

beneficial owner of a book-entry REMIC Certificate, and each other financial intermediary in the chain to the beneficial owner, will have the responsibility of establishing and maintaining accounts for their respective customers. The rights of the beneficial owner of a book-entry REMIC Certificate with respect to Fannie Mae and the Federal Reserve Banks may be exercised only through the Holder of such REMIC Certificate. Fannie Mae and the Federal Reserve Banks will have no direct obligation to a beneficial owner of a book-entry REMIC Certificate that is not also the Holder of such REMIC Certificate. The Federal Reserve Banks will act only upon the instructions of the Holder in recording transfers of a book-entry REMIC Certificate.

Fannie Mae's fiscal agent for the book-entry REMIC Certificates is the Federal Reserve Bank of New York. The Federal Reserve Banks will maintain book-entry accounts with respect to the book-entry REMIC Certificates and make distributions on such REMIC Certificates on behalf of Fannie Mae on the applicable Distribution Dates by crediting Holders' accounts at the Federal Reserve Banks. A Fiscal Agency Agreement between Fannie Mae and the Federal Reserve Bank of New York makes generally applicable to the book-entry REMIC Certificates (i) regulations governing Fannie Mae's use of the book-entry system, contained in 24 C.F.R. Part 81, Subpart E, and (ii) such procedures, insofar as applicable, as may from time to time be established by regulations of the United States Department of the Treasury governing United States securities, as now set forth in Treasury Department Circular Number 300, 31 C.F.R. Part 306 (other than Subpart O). The REMIC Certificates are also governed by applicable operating circulars and letters of the Federal Reserve Banks.

*Definitive Certificates.* The Class 13-R and Class 13-RL REMIC Certificates will not be issued in book-entry form but will be issued in fully registered, certificated form. As to the Class 13-R or Class 13-RL REMIC Certificate, "Holder" or "Certificateholder" refers to the registered owner thereof. The Class 13-R and Class 13-RL REMIC Certificates will be transferable at the corporate trust office of the Transfer Agent, or at the agency of the Transfer Agent in New York, New York. The Transfer Agent initially will be State Street Bank and Trust Company in Boston, Massachusetts, hereinafter referred to as "State Street." A service charge may be imposed for any registration of transfer of the Class 13-R or Class 13-RL REMIC Certificate and Fannie Mae may require payment of a sum sufficient to cover any tax or other governmental charge.

The distribution to the Holders of the Class 13-R and Class 13-RL REMIC Certificates of the proceeds of any remaining assets of the Trust and the Lower Tier REMIC, respectively, will be made only upon presentation and surrender of the respective Certificate at the office of the Paying Agent, initially State Street.

*Interest Only Classes.* The Class 13-SB and Class 13-IO REMIC Certificates are each interest only Classes, have no principal balance and bear interest on a notional principal balance. The notional principal balance of an interest only Class of REMIC Certificates is used for purposes of the determination of interest distributions on such Class and does not represent an interest in the principal distributions of the GNMA Certificates or the underlying Mortgage Loans. Although an interest only Class of REMIC Certificates will not have a principal balance, a REMIC Trust Factor will be published which will be applicable to the notional principal balance, and references herein to the principal balances of the REMIC Certificates shall be deemed to refer to the notional principal balances of the Class 13-SB and Class 13-IO REMIC Certificates.

*Authorized Denominations.* The REMIC Certificates, other than the Class 13-R and Class 13-RL REMIC Certificates, will be issued in minimum denominations of \$1,000 and integral multiples of \$1 in excess thereof. The Class 13-R and Class 13-RL REMIC Certificates will each be issued as a single certificate and will not have a principal balance.

*Record Date.* Each monthly distribution on the REMIC Certificates will be made to Holders of record on the last day of the preceding month.

*REMIC Trust Factors.* As soon as practicable following the eleventh calendar day of each month, Fannie Mae will publish or otherwise make available for each Class of REMIC Certificates the factor (carried to eight decimal places) which, when multiplied by the original principal balance of a REMIC Certificate of such Class, will equal the amount of principal remaining to be distributed with respect to such REMIC Certificate after giving effect to the distribution of principal to be made on the following Distribution Date.

### **The GNMA Certificates**

The GNMA Certificates will have an aggregate unpaid principal balance of approximately \$690,048,761 and pass-through rates of 8.50% per annum. At least 90% of the principal balance of the GNMA Certificates will be GNMA I Certificates. See “GNMA and the GNMA Programs” herein. As of March 1, 1993 (the “REMIC Issue Date”), the remaining term to maturity of the latest maturing Mortgage Loan underlying each GNMA Certificate is not expected to be less than 180 months or greater than 360 months and the weighted average of such remaining terms is expected to be approximately 345 months.

Following the issuance of the REMIC Certificates, Fannie Mae will prepare a Final Data Statement setting forth for each GNMA Certificate, among other things, the pool number, the original unpaid principal balance, the unpaid principal balance as of the REMIC Issue Date, and the remaining term to maturity of the latest maturing Mortgage Loan underlying such GNMA Certificate as of the REMIC Issue Date. The Final Data Statement will not accompany the Prospectus but will be made available by Fannie Mae to investors on request. To request Final Data Statements, telephone Fannie Mae at (202) 752-7585. The contents of the Final Data Statement and other data specific to the REMIC Certificates are available in electronic form by calling Fannie Mae at (202) 752-6000.

### **Prepayment Considerations and Risks**

There can be no assurance as to the timing of distributions of principal of the REMIC Certificates because the timing and amount of distributions of principal of the REMIC Certificates will depend on the rate of principal payments (including prepayments) of the Mortgage Loans underlying the GNMA Certificates. The rate of principal payments of the GNMA Certificates, and therefore of distributions on the REMIC Certificates, is related directly to the rate of payments of principal of the underlying Mortgage Loans, which may be in the form of scheduled amortization or prepayments (for this purpose, the term “prepayment” includes prepayments and liquidations resulting from default, casualty or condemnation and payments made pursuant to any guaranty of payment by GNMA). In general, when the level of prevailing interest rates declines sufficiently relative to the interest rates on fixed-rate mortgage loans, the rate of prepayment is likely to increase, although the prepayment rate is influenced by a number of other factors, including general economic conditions and homeowner mobility. The prepayment rate may also be influenced by government subsidy programs, such as the Department of Housing and Urban Development (“HUD”) Section 235 mortgage program for which HUD has established procedures for refinancing certain high-coupon mortgages. All of the Mortgage Loans backing the GNMA Certificates will be first lien, single-family, fixed-rate residential mortgage loans that are either insured by the FHA or partially guaranteed by the VA. None of such loans includes a “due-on-sale” clause. Consequently, the holders of such loans generally may not demand the payment in full of the remaining principal balance of any such loans on the sale or other transfer of the subject property.

Prepayments of mortgage loans commonly are measured relative to a prepayment standard or model. The model used in this Prospectus, the Public Securities Association’s standard prepayment

model (“PSA”), represents an assumed rate of prepayment each month of the then outstanding principal balance of a pool of new mortgage loans. *PSA does not purport to be either an historical description of the prepayment experience of any pool of mortgage loans or a prediction of the anticipated rate of prepayment of any pool of mortgage loans, including the Mortgage Loans underlying the GNMA Certificates backing the REMIC Certificates.* 100% PSA assumes prepayment rates of 0.2% per annum of the then unpaid principal balance of such pool of mortgage loans in the first month of the life of such mortgage loans and an additional 0.2% per annum in each month thereafter (for example, 0.4% per annum in the second month) until the 30th month. Beginning in the 30th month and in each month thereafter during the life of such mortgage loans, 100% PSA assumes a constant prepayment rate of 6% per annum. Multiples will be calculated from this prepayment rate series; for example, 200% PSA assumes prepayment rates will be 0.40% per annum in month one, 0.80% per annum in month two, reaching 12.00% per annum in month 30 and remaining constant at 12.00% per annum thereafter. 0% PSA assumes no prepayments.

**Distributions of Interest**

*General.* The interest-bearing REMIC Certificates will bear interest at the respective per annum interest rates set forth on the cover or described herein. Interest on the interest-bearing REMIC Certificates is calculated on the basis of a 360-day year consisting of twelve 30-day months and is distributable monthly on each Distribution Date, commencing in April 1993. Interest to be distributed on each interest-bearing REMIC Certificate on a Distribution Date will consist of one month’s interest on the outstanding principal balance of such REMIC Certificate immediately prior to such Distribution Date. Interest to be distributed on a Distribution Date will accrue on the interest-bearing REMIC Certificates during the calendar month preceding the month in which such Distribution Date occurs, except that in the case of the REMIC Certificates bearing interest rates that fluctuate in response to changes in LIBOR, interest will accrue during the one-month period beginning on the 25th day of such preceding month and ending on the 24th day of the month of such Distribution Date (each, an “Interest Accrual Period”). The effective yield on the interest bearing REMIC Certificates, other than the REMIC Certificates bearing interest rates that fluctuate in response to changes in LIBOR, will be reduced below the yield otherwise produced because interest payable with respect to an Interest Accrual Period will not be distributed until the 25th day following the end of such Interest Accrual Period and will not bear interest during such delay.

*The Class 13-SB and Class 13-IO REMIC Certificates.* The Class 13-SB and Class 13-IO REMIC Certificates will each be interest only Classes, have no principal balance and bear interest at the respective per annum interest rates set forth on the cover or described herein during each Interest Accrual Period on notional principal balances equal to the indicated percentages of the respective outstanding principal balances of the Classes of REMIC Certificates specified below immediately prior to each Distribution Date:

<u>Interest Only Class</u>	<u>Original Notional Principal Balance</u>	<u>Percentage of Principal Balance of Specified Classes</u>
Class 13-SB .....	\$ 30,776,175	100% of the Class 13-FB REMIC Certificates
Class 13-IO .....	\$202,955,517	29.4117647058% of all Classes of REMIC Certificates

See “General—*Interest Only Classes*” herein.

*Floating Rate Certificates.* The following Classes of REMIC Certificates will bear interest during their initial Interest Accrual Periods at the respective Initial Interest Rates set forth below,

and will bear interest during each Interest Accrual Period thereafter at the respective rates determined as described below:

<u>Class</u>	<u>Initial Interest Rate</u>	<u>Maximum Interest Rate</u>	<u>Minimum Interest Rate</u>	<u>Formula for Calculation of Interest Rate</u>
Class 13-FB .....	3.47500%	8.50000%	0.35%	LIBOR + 35 basis points
Class 13-SB .....	5.02500%	8.15000%	0.00%	8.15 – LIBOR
Class 13-FD .....	5.43200%	10.00000%	1.00%	COFI + 100 basis points
Class 13-SD .....	6.85200%	13.50000%	0.00%	13.5% – (1.5 × COFI)
Class 13-F .....	4.42500%	10.00000%	1.30%	LIBOR + 130 basis points
Class 13-S .....	6.43186%	12.38730%	0.00%	12.3873% – (1.90574 × LIBOR)
Class 13-SA .....	15.50000%	15.50000%	0.00%	61.29545% – (7.04545450 × LIBOR)
Class 13-FC .....	6.03200%	10.00000%	1.60%	COFI + 160 basis points
Class 13-SC .....	4.72415%	12.87740%	0.00%	12.8774% – (1.839633 × COFI)
Class 13-SE .....	11.37500%	11.37500%	0.00%	68.25% – (8.125 × COFI)

The yields with respect to such Classes of REMIC Certificates will be affected by changes in LIBOR or COFI, as applicable, which changes may not correlate with changes in mortgage interest rates. It is possible that lower mortgage interest rates could occur concurrently with an increase in the level of the applicable index. Conversely, higher mortgage interest rates could occur concurrently with a decrease in the level of the applicable index.

### Calculation of LIBOR

On the second business day preceding the first day of each Interest Accrual Period (each, a “LIBOR Determination Date”), commencing in April 1993, until the principal balances of the Class 13-FB, Class 13-SB, Class 13-F, Class 13-S and Class 13-SA REMIC Certificates have been reduced to zero, Fannie Mae or its agent (initially State Street) will request each of the designated reference banks meeting the criteria set forth herein (the “Reference Banks”) to inform State Street of the quotation offered by its principal London office for making one-month United States dollar deposits in leading banks in the London interbank market, as of 11:00 a.m. (London time) on such LIBOR Determination Date. (For purposes of calculating LIBOR, “business day” means a day on which banks are open for dealing in foreign currency and exchange in London, Boston and New York City.) In lieu of making a request of the Reference Banks, State Street may rely on the quotations for those Reference Banks that appear at such time on the Reuters Screen LIBO Page (as defined in the International Swap Dealers Association, Inc. Code of Standard Wording, Assumptions and Provisions for Swaps, 1986 Edition), to the extent available.

LIBOR will be established by State Street on each LIBOR Determination Date as follows:

(a) If on any LIBOR Determination Date two or more Reference Banks provide such offered quotations, LIBOR for the next Interest Accrual Period shall be the arithmetic mean of such offered quotations (rounded upwards if necessary to the nearest whole multiple of  $\frac{1}{32}\%$ ).

(b) If on any LIBOR Determination Date only one or none of the Reference Banks provides such offered quotations, LIBOR for the next Interest Accrual Period shall be whichever is the higher of (i) LIBOR as determined on the previous LIBOR Determination Date or (ii) the Reserve Interest Rate. The “Reserve Interest Rate” shall be the rate per annum which State Street determines to be either (i) the arithmetic mean (rounded upwards if necessary to the nearest whole multiple of  $\frac{1}{32}\%$ ) of the one-month United States dollar lending rates that New York City banks selected by State Street are quoting, on the relevant LIBOR Determination Date, to the principal London offices of at least two of the Reference Banks to which such

quotations are, in the opinion of State Street, being so made, or (ii) in the event that State Street can determine no such arithmetic mean, the lowest one-month United States dollar lending rate which New York City banks selected by State Street are quoting on such LIBOR Determination Date to leading European banks.

(c) If on the February 1993 LIBOR Determination Date, State Street is required but is unable to determine the Reserve Interest Rate in the manner provided in paragraph (b) above, LIBOR shall be 3.125%.

Each Reference Bank (i) shall be a leading bank engaged in transactions in Eurodollar deposits in the international Eurocurrency market; (ii) shall not control, be controlled by, or be under common control with Fannie Mae; and (iii) shall have an established place of business in London. If any such Reference Bank should be unwilling or unable to act as such or if Fannie Mae should terminate the appointment of any such Reference Bank, State Street will promptly appoint another leading bank meeting the criteria specified above.

The establishment of LIBOR on each LIBOR Determination Date by State Street and State Street's calculation of the rate of interest for the applicable Classes of REMIC Certificates for the related Interest Accrual Period shall (in the absence of manifest error) be final and binding. Each such rate of interest may be obtained by telephoning Fannie Mae at (202) 752-6547.

## **COFI**

Except as otherwise specified herein, the amount of interest which will accrue in respect of the Class 13-FD, Class 13-SD, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates during each Interest Accrual Period following the initial Interest Accrual Period will be determined on the basis of the Eleventh District Cost of Funds Index for the second month next preceding the month in which such Interest Accrual Period commences if such Eleventh District Cost of Funds Index for such second preceding month is published on or before the tenth day of the month in which such Interest Accrual Period commences. For example, if the Eleventh District Cost of Funds Index for February 1993 is announced on or before April 10, 1993, interest accrued on the Class 13-FD, Class 13-SD, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates for the Interest Accrual Period commencing in April 1993 and distributable in May 1993 will be based on the Eleventh District Cost of Funds Index relating to February 1993. If the Eleventh District Cost of Funds Index for the applicable month is not published on or before the tenth day of the second following month, interest will accrue on the Class 13-FD, Class 13-SD, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates at a rate determined as provided below. The Federal Home Loan Bank of San Francisco ("FHLBSF") publishes the Eleventh District Cost of Funds Index in its monthly Information Bulletin. Any individual may request regular receipt by mail of Information Bulletins by writing the Federal Home Loan Bank of San Francisco, P.O. Box 7948, 600 California Street, San Francisco, California 94120, or by calling (415) 616-1000. The Eleventh District Cost of Funds Index may also be obtained by calling the FHLBSF at (415) 616-2600.

The Eleventh District Cost of Funds Index is designed to represent the monthly weighted average cost of funds for savings institutions in Arizona, California, and Nevada that are member institutions of the Eleventh Federal Home Loan Bank District (the "Eleventh District"). The Eleventh District Cost of Funds Index for a particular month reflects the interest costs paid on all types of funds held by Eleventh District member institutions and is calculated by dividing the cost of funds by the average of the total amount of those funds outstanding at the end of that month and of the prior month and annualizing and adjusting the result to reflect the actual number of days in the particular month. If necessary, before these calculations are made, the component figures are adjusted by the FHLBSF to neutralize the effect of events such as member institutions

leaving the Eleventh District or acquiring institutions outside the Eleventh District. The Eleventh District Cost of Funds Index is weighted to reflect the relative amount of each type of funds held at the end of the relevant month. The major components of funds of Eleventh District member institutions are: (i) savings deposits, (ii) time deposits, (iii) FHLBSF advances, (iv) repurchase agreements and (v) all other borrowings. Because the component funds represent a variety of maturities whose costs may react in different ways to changing conditions, the Eleventh District Cost of Funds Index does not necessarily reflect current market rates.

A number of factors affect the performance of the Eleventh District Cost of Funds Index, which may cause it to move in a manner different from indices tied to specific interest rates, such as United States Treasury Bills or LIBOR. Because the liabilities upon which the Eleventh District Cost of Funds Index is based were issued at various times under various market conditions and with various maturities, the Eleventh District Cost of Funds Index may not necessarily reflect the prevailing market interest rates on new liabilities of similar maturities. Moreover, as stated above, the Eleventh District Cost of Funds Index is designed to represent the average cost of funds for Eleventh District savings institutions for the month prior to the month in which it is due to be published. Additionally, the Eleventh District Cost of Funds Index may not necessarily move in the same direction as market interest rates at all times, since as longer term deposits or borrowings mature and are renewed at prevailing market interest rates, the Eleventh District Cost of Funds Index is influenced by the differential between the prior and the new rates on those deposits or borrowings. In addition, movements of the Eleventh District Cost of Funds Index, as compared to other indices tied to specific interest rates, may be affected by changes instituted by the FHLBSF in the method used to calculate the Eleventh District Cost of Funds Index.

Listed below are historical values of the Eleventh District Cost of Funds Index since January 1984 as reported by the FHLBSF:

Month(1)	Year								
	1992	1991	1990	1989	1988	1987	1986	1985	1984
January . . . . .	6.002%	7.858%	8.369%	8.125%	7.615%	7.396%	8.770%	10.217%	10.032%
February . . . . .	5.800	7.848	8.403	8.346	7.647	7.448	8.964	10.160	10.172
March . . . . .	5.611	7.654	8.258	8.423	7.509	7.314	8.744	9.976	9.982
April . . . . .	5.427	7.501	8.211	8.648	7.519	7.245	8.587	9.872	10.135
May . . . . .	5.290	7.329	8.171	8.797	7.497	7.223	8.441	9.704	10.260
June . . . . .	5.258	7.155	8.086	8.923	7.618	7.274	8.374	9.565	10.434
July . . . . .	5.069	6.998	8.109	8.844	7.593	7.275	8.196	9.365	10.712
August . . . . .	4.874	6.845	8.075	8.763	7.659	7.277	8.018	9.273	10.857
September . . . . .	4.805	6.714	8.091	8.807	7.847	7.394	7.901	9.129	11.039
October . . . . .	4.597	6.566	8.050	8.643	7.828	7.444	7.717	9.027	10.994
November . . . . .	4.508	6.414	8.044	8.595	7.914	7.562	7.602	9.036	10.891
December . . . . .	4.432	6.245	7.963	8.476	8.022	7.645	7.509	8.867	10.520

(1) The Eleventh District Cost of Funds Index reflects the weighted average cost of funds of the members of the Eleventh District for the month indicated. It is usually announced by the FHLBSF on the last working day of the month following the month in which the cost of funds was incurred.

The FHLBSF has stated in its Information Bulletin that the Eleventh District Cost of Funds Index for a month “will be announced on or near the last working day” of the following month and also has stated that it “cannot guarantee the announcement” of such index on an exact date.

So long as such index for a month is announced on or before the tenth day of the second following month, the interest rate for the Class 13-FD, Class 13-SD, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates for the Interest Accrual Period commencing in such second following month will be based on the Eleventh District Cost of Funds Index for the second preceding

month. If publication is delayed beyond such tenth day, such interest rates will be based on the Eleventh District Cost of Funds Index for the third preceding month. If on the tenth day of the month in which any Interest Accrual Period commences, the most recently published Eleventh District Cost of Funds Index relates to a month prior to the third preceding month, the index for such current Interest Accrual Period and for each succeeding Interest Accrual Period will, except as described in the next to last sentence of this paragraph, be based on the National Monthly Median Cost of Funds Ratio to SAIF-Insured Institutions (the "National Cost of Funds Index") published by the Office of Thrift Supervision (the "OTS") for the third preceding month (or the fourth preceding month if the National Cost of Funds Index for the third preceding month has not been published on such tenth day of the month in which an Interest Accrual Period commences). Information on the National Cost of Funds Index may be obtained by writing or calling the OTS, 1700 G Street, N.W., Washington, D.C. 20552, (202) 906-6677 and the current National Cost of Funds Index may be obtained by calling (202) 906-6988. If on any such tenth day of the month in which an Interest Accrual Period commences the most recently published National Cost of Funds Index relates to a month prior to the fourth preceding month, the applicable index for the Class 13-FD, Class 13-SD, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates for such Interest Accrual Period and each succeeding Interest Accrual Period will be based on LIBOR, as determined by State Street in accordance with the Trust Agreement. A change of index from the Eleventh District Cost of Funds Index to an alternative index will result in a change in the index level, and, particularly if LIBOR is the alternative index could increase its volatility.

The establishment of LIBOR by State Street and State Street's calculation of the rates of interest applicable to the Class 13-FD, Class 13-SD, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates for the related Interest Accrual Period shall (in the absence of manifest error) be final and binding. Each such rate of interest may be obtained by telephoning Fannie Mae at (202) 752-6547.

### **Distributions of Principal**

*Calculations.* On or about the fifth business day of each month, Fannie Mae will aggregate the amount of principal reported to be receivable on the GNMA I Certificates during such month on the basis of published GNMA factors for such month. For any GNMA I Certificate for which a factor is not available at such time and for any GNMA II Certificates (which GNMA II Certificates originally may comprise up to 10% of the Lower Tier REMIC), Fannie Mae will calculate the amount of scheduled payments of principal distributable in respect of such GNMA Certificates during such month on the basis of the assumed amortization schedules of the underlying Mortgage Loans. The amortization schedules will be prepared on the assumption that: (i) each of the Mortgage Loans underlying a single GNMA Certificate had an original term to maturity of 360 months and has a remaining term to maturity equal to the remaining term to maturity of the latest maturing Mortgage Loan underlying such GNMA Certificate at the origination of such GNMA Certificate adjusted to the REMIC Issue Date; (ii) each Mortgage Loan underlying a GNMA I Certificate bears an interest rate of 9.00% per annum; and (iii) each Mortgage Loan underlying a GNMA II Certificate bears an interest rate of 10.00% per annum. All such amounts, whether reported in GNMA factors or calculated by Fannie Mae, will be reflected in the REMIC Trust Factors for the Distribution Date in such month and will be distributed to Holders of REMIC Certificates on such Distribution Date, whether or not received. There will also be reflected in such REMIC Trust Factors and distributable as principal on such Distribution Date the excess of (a) the distributions of principal of the GNMA Certificates received during the month prior to the month of such Distribution Date over (b) the amounts of principal calculated as distributable previously in accordance with the GNMA factors and the assumed amortization schedules specified above.

*Priorities.* Distributions of principal on each Distribution Date will be in an amount (the "Principal Distribution Amount") equal to the aggregate distributions of principal of the GNMA

Certificates, calculated as described above, for the month of such Distribution Date and the distributions of principal of the GNMA Certificates received during the month prior to the month of such Distribution Date to the extent not distributed previously.

The Class 13-A, Class 13-B, Class 13-FB, Class 13-C, Class 13-D, Class 13-E, Class 13-G, Class 13-H and Class 13-J REMIC Certificates are “Planned Principal REMIC Certificates.” The Class 13-FD and Class 13-SD REMIC Certificates are “Targeted Principal REMIC Certificates.”

On each Distribution Date, the Principal Distribution Amount will be applied to the distribution of principal of the Classes of REMIC Certificates in the following order of priority:

(i) (a) if the outstanding principal balance of the Class 13-A REMIC Certificates is greater than zero, concurrently, to the Class 13-A, Class 13-B and Class 13-FB REMIC Certificates, in the proportions of 52.2015006877%, 19.2270706083% and 28.5714287040%, respectively, up to the amount necessary to reduce the outstanding principal balances thereof to their Planned Principal Balances as set forth in the Principal Balance Schedules herein for such Distribution Date or (b) if the outstanding principal balance of the Class 13-A REMIC Certificates has been reduced to zero, concurrently, to the Class 13-B and Class 13-FB REMIC Certificates, in the proportions of 71.4285712959% and 28.5714287041%, respectively, up to the amount necessary to reduce the outstanding principal balances thereof to their respective Planned Principal Balances as set forth in the Principal Balance Schedules for such Distribution Date;

(ii) sequentially, to the Class 13-C, Class 13-D, Class 13-E, Class 13-G, Class 13-H and Class 13-J REMIC Certificates, in that order, up to the amount necessary to reduce the outstanding principal balances thereof to their respective Planned Principal Balances as set forth in the Principal Balance Schedules for such Distribution Date;

(iii) to the Class 13-K REMIC Certificates, in an amount up to the amount necessary to reduce the outstanding principal balance thereof to their Scheduled Principal Balance as set forth in the Principal Balance Schedules for such Distribution Date;

(iv) concurrently, to the Class 13-FD and Class 13-SD REMIC Certificates, in the proportions of 59.999998237% and 40.000001763%, respectively, in an amount up to the amount necessary to reduce the outstanding principal balances thereof to their respective Targeted Principal Balances as set forth in the Principal Balance Schedules for such Distribution Date;

(v) concurrently, to the Class 13-F, Class 13-S, Class 13-SA, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates, in the proportions of 35.5450131226%, 18.6515778961%, 5.0450989253%, 24.4549855273%, 13.2934795589% and 3.0098449698%, respectively, until the principal balances thereof have been reduced to zero;

(vi) to the Targeted Principal REMIC Certificates, in the order and proportions set forth in clause (iv) above, without regard to their Targeted Principal Balances, and until the principal balances thereof have been reduced to zero;

(vii) to the Class 13-K REMIC Certificates, without regard to their Scheduled Principal Balance, and until the principal balance thereof has been reduced to zero; and

(viii) to the Planned Principal REMIC Certificates, in the order and proportions set forth in clauses (i) and (ii) above, without regard to their Planned Principal Balances, and until the respective principal balances thereof have been reduced to zero.

### **Assumptions Relating to Tables**

*Pricing Assumptions.* Unless otherwise specified, the information in the tables in this Prospectus has been prepared on the basis of the following assumptions (the “Pricing

Assumptions’): (i) all payments (including prepayments) on the Mortgage Loans underlying the GNMA Certificates are distributed on the REMIC Certificates in the month in which such payments are received, (ii) each Mortgage Loan bears interest at a rate of 9.00% per annum and has an original term to maturity of 360 months; (iii) the following principal amounts of the Mortgage Loans have the remaining terms to maturity specified: \$230,016,253—350 months; \$195,513,815—355 months; \$115,008,129—345 months; \$92,006,501—340 months; and \$57,504,063—295 months; (iv) the Mortgage Loans prepay at the specified *constant* percentages of PSA specified in the related table; (v) the closing date for the sale of the REMIC Certificates is March 30, 1993; and (vi) the first distribution on the REMIC Certificates is made in April 1993.

*PSA Assumptions.* The Principal Balance Schedules have been prepared on the basis of the Pricing Assumptions and the assumption that the Mortgage Loans prepay at the approximate *constant* PSA levels set forth below:

<b>Principal Balance Schedule References</b>	<b>Related Certificates</b>	<b>PSA Levels</b>
Planned Principal Balances	Planned Principal REMIC Certificates	Between 95% and 275%
Scheduled Principal Balances	Class 13-K REMIC Certificates	Between 115% and 225%
Targeted Principal Balances	Targeted Principal REMIC Certificates	200%

There is no assurance that the principal balances of the Classes of REMIC Certificates specified above will conform on any Distribution Date to the applicable balances specified for such Distribution Date in the Principal Balance Schedules below, or that distributions of principal will begin or end on the respective Distribution Dates specified therein. Because any excess of the principal available for distribution on any Distribution Date over the amount necessary to reduce the principal balances of the applicable Classes of REMIC Certificates to their respective scheduled principal amounts will be distributed, the ability to so reduce the principal balances of such Classes will not be enhanced by the averaging of high and low principal payments. In addition, even if payments remain within the ranges specified above, the principal available for distribution may be insufficient to reduce the applicable Classes of REMIC Certificates to their scheduled principal amounts if prepayments do not occur at a *constant* level. Moreover, because of the diverse remaining terms to maturity of the Mortgage Loans (which may include recently originated Mortgage Loans), the Classes of REMIC Certificates specified above may not be reduced to their respective scheduled principal amounts, even if prepayments occur at a *constant* level within the ranges or at the rate specified above.

### Principal Balance Schedules

Distribution Date	Class 13-A Planned Principal Balance	Class 13-B Planned Principal Balance	Class 13-FB Planned Principal Balance	Class 13-C Planned Principal Balance	Class 13-D Planned Principal Balance	Class 13-E Planned Principal Balance
Initial Balance . . . .	\$35,685,379.00	\$41,255,058.00	\$30,776,175.00	\$40,551,866.00	\$35,123,482.00	\$70,614,989.00
April 1993 . . . . .	34,689,018.11	40,888,074.27	30,230,837.15	40,551,866.00	35,123,482.00	70,614,989.00
May 1993 . . . . .	33,640,866.17	40,502,014.66	29,657,152.53	40,551,866.00	35,123,482.00	70,614,989.00
June 1993 . . . . .	32,541,233.31	40,096,993.38	29,055,290.87	40,551,866.00	35,123,482.00	70,614,989.00
July 1993 . . . . .	31,390,455.32	39,673,134.11	28,425,435.97	40,551,866.00	35,123,482.00	70,614,989.00
August 1993 . . . . .	30,188,893.48	39,230,569.93	27,767,785.56	40,551,866.00	35,123,482.00	70,614,989.00
September 1993 . . . .	28,936,934.32	38,769,443.21	27,082,551.21	40,551,866.00	35,123,482.00	70,614,989.00
October 1993 . . . . .	27,634,989.44	38,289,905.53	26,369,958.19	40,551,866.00	35,123,482.00	70,614,989.00
November 1993 . . . .	26,283,495.22	37,792,117.65	25,630,245.34	40,551,866.00	35,123,482.00	70,614,989.00
December 1993 . . . .	24,882,912.56	37,276,249.30	24,863,664.94	40,551,866.00	35,123,482.00	70,614,989.00
January 1994 . . . . .	23,433,726.62	36,742,479.20	24,070,482.52	40,551,866.00	35,123,482.00	70,614,989.00
February 1994 . . . . .	21,944,096.52	36,193,812.54	23,255,163.82	40,551,866.00	35,123,482.00	70,614,989.00
March 1994 . . . . .	20,414,438.46	35,630,402.61	22,417,936.63	40,551,866.00	35,123,482.00	70,614,989.00
April 1994 . . . . .	18,845,189.03	35,052,410.23	21,559,039.90	40,551,866.00	35,123,482.00	70,614,989.00
May 1994 . . . . .	17,236,804.90	34,460,003.60	20,678,723.60	40,551,866.00	35,123,482.00	70,614,989.00
June 1994 . . . . .	15,589,762.52	33,853,358.20	19,777,248.49	40,551,866.00	35,123,482.00	70,614,989.00
July 1994 . . . . .	13,913,953.22	33,236,117.26	18,860,028.39	40,551,866.00	35,123,482.00	70,614,989.00
August 1994 . . . . .	12,209,749.00	32,608,417.78	17,927,266.91	40,551,866.00	35,123,482.00	70,614,989.00
September 1994 . . . .	10,477,537.10	31,970,402.39	16,979,175.99	40,551,866.00	35,123,482.00	70,614,989.00
October 1994 . . . . .	8,717,719.73	31,322,219.25	16,015,975.79	40,551,866.00	35,123,482.00	70,614,989.00
November 1994 . . . .	6,930,713.77	30,664,021.89	15,037,894.46	40,551,866.00	35,123,482.00	70,614,989.00
December 1994 . . . .	5,135,490.66	30,002,797.96	14,055,315.64	40,551,866.00	35,123,482.00	70,614,989.00
January 1995 . . . . .	3,332,213.49	29,338,607.53	13,068,328.60	40,551,866.00	35,123,482.00	70,614,989.00
February 1995 . . . . .	1,521,052.17	28,671,513.17	12,077,026.33	40,551,866.00	35,123,482.00	70,614,989.00
March 1995 . . . . .	0.00	27,703,763.20	11,081,505.47	40,551,866.00	35,123,482.00	70,614,989.00
April 1995 . . . . .	0.00	25,204,665.12	10,081,866.24	40,551,866.00	35,123,482.00	70,614,989.00
May 1995 . . . . .	0.00	22,716,894.89	9,086,758.15	40,551,866.00	35,123,482.00	70,614,989.00
June 1995 . . . . .	0.00	20,240,395.01	8,096,158.20	40,551,866.00	35,123,482.00	70,614,989.00
July 1995 . . . . .	0.00	17,775,108.24	7,110,043.49	40,551,866.00	35,123,482.00	70,614,989.00
August 1995 . . . . .	0.00	15,320,977.64	6,128,391.25	40,551,866.00	35,123,482.00	70,614,989.00
September 1995 . . . .	0.00	12,877,946.52	5,151,178.80	40,551,866.00	35,123,482.00	70,614,989.00
October 1995 . . . . .	0.00	10,445,958.47	4,178,383.58	40,551,866.00	35,123,482.00	70,614,989.00
November 1995 . . . .	0.00	8,024,957.35	3,209,983.14	40,551,866.00	35,123,482.00	70,614,989.00
December 1995 . . . .	0.00	5,614,887.30	2,245,955.11	40,551,866.00	35,123,482.00	70,614,989.00
January 1996 . . . . .	0.00	3,215,692.69	1,286,277.27	40,551,866.00	35,123,482.00	70,614,989.00
February 1996 . . . . .	0.00	827,318.20	330,927.48	40,551,866.00	35,123,482.00	70,614,989.00
March 1996 . . . . .	0.00	0.00	0.00	38,381,458.24	35,123,482.00	70,614,989.00
April 1996 . . . . .	0.00	0.00	0.00	35,067,799.30	35,123,482.00	70,614,989.00
May 1996 . . . . .	0.00	0.00	0.00	31,769,058.30	35,123,482.00	70,614,989.00
June 1996 . . . . .	0.00	0.00	0.00	28,485,159.23	35,123,482.00	70,614,989.00
July 1996 . . . . .	0.00	0.00	0.00	25,216,026.43	35,123,482.00	70,614,989.00
August 1996 . . . . .	0.00	0.00	0.00	21,961,584.63	35,123,482.00	70,614,989.00
September 1996 . . . .	0.00	0.00	0.00	18,721,758.89	35,123,482.00	70,614,989.00
October 1996 . . . . .	0.00	0.00	0.00	15,496,474.64	35,123,482.00	70,614,989.00
November 1996 . . . .	0.00	0.00	0.00	12,285,657.68	35,123,482.00	70,614,989.00
December 1996 . . . .	0.00	0.00	0.00	9,089,234.14	35,123,482.00	70,614,989.00
January 1997 . . . . .	0.00	0.00	0.00	5,907,130.50	35,123,482.00	70,614,989.00

<u>Distribution Date</u>	<u>Class 13-A Planned Principal Balance</u>	<u>Class 13-B Planned Principal Balance</u>	<u>Class 13-FB Planned Principal Balance</u>	<u>Class 13-C Planned Principal Balance</u>	<u>Class 13-D Planned Principal Balance</u>	<u>Class 13-E Planned Principal Balance</u>
February 1997 . . . .	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,739,273.62	\$35,123,482.00	\$70,614,989.00
March 1997 . . . . .	0.00	0.00	0.00	0.00	34,709,072.67	70,614,989.00
April 1997 . . . . .	0.00	0.00	0.00	0.00	31,569,491.21	70,614,989.00
May 1997 . . . . .	0.00	0.00	0.00	0.00	28,443,939.10	70,614,989.00
June 1997 . . . . .	0.00	0.00	0.00	0.00	25,332,344.57	70,614,989.00
July 1997 . . . . .	0.00	0.00	0.00	0.00	22,234,636.19	70,614,989.00
August 1997 . . . . .	0.00	0.00	0.00	0.00	19,150,742.86	70,614,989.00
September 1997 . . .	0.00	0.00	0.00	0.00	16,080,593.83	70,614,989.00
October 1997 . . . . .	0.00	0.00	0.00	0.00	13,024,118.68	70,614,989.00
November 1997 . . .	0.00	0.00	0.00	0.00	9,981,247.32	70,614,989.00
December 1997 . . . .	0.00	0.00	0.00	0.00	6,951,910.00	70,614,989.00
January 1998 . . . . .	0.00	0.00	0.00	0.00	3,936,037.31	70,614,989.00
February 1998 . . . .	0.00	0.00	0.00	0.00	933,560.14	70,614,989.00
March 1998 . . . . .	0.00	0.00	0.00	0.00	0.00	68,559,398.75
April 1998 . . . . .	0.00	0.00	0.00	0.00	0.00	65,583,506.69
May 1998 . . . . .	0.00	0.00	0.00	0.00	0.00	62,620,804.86
June 1998 . . . . .	0.00	0.00	0.00	0.00	0.00	59,671,225.47
July 1998 . . . . .	0.00	0.00	0.00	0.00	0.00	56,734,701.05
August 1998 . . . . .	0.00	0.00	0.00	0.00	0.00	53,811,164.47
September 1998 . . .	0.00	0.00	0.00	0.00	0.00	50,900,548.88
October 1998 . . . . .	0.00	0.00	0.00	0.00	0.00	48,002,787.80
November 1998 . . .	0.00	0.00	0.00	0.00	0.00	45,117,815.01
December 1998 . . . .	0.00	0.00	0.00	0.00	0.00	42,245,564.65
January 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	39,385,971.15
February 1999 . . . .	0.00	0.00	0.00	0.00	0.00	36,538,969.25
March 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	33,704,494.00
April 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	30,882,480.76
May 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	28,072,865.21
June 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	25,275,583.32
July 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	22,490,571.36
August 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	19,717,765.90
September 1999 . . .	0.00	0.00	0.00	0.00	0.00	16,957,103.83
October 1999 . . . . .	0.00	0.00	0.00	0.00	0.00	14,208,522.32
November 1999 . . .	0.00	0.00	0.00	0.00	0.00	11,471,958.84
December 1999 . . . .	0.00	0.00	0.00	0.00	0.00	8,747,351.17
January 2000 . . . . .	0.00	0.00	0.00	0.00	0.00	6,034,637.37
February 2000 . . . .	0.00	0.00	0.00	0.00	0.00	3,333,755.79
March 2000 . . . . .	0.00	0.00	0.00	0.00	0.00	644,645.08
April 2000 and thereafter . .	0.00	0.00	0.00	0.00	0.00	0.00

<u>Distribution Date</u>	<u>Class 13-G Planned Principal Balance</u>	<u>Class 13-H Planned Principal Balance</u>	<u>Class 13-J Planned Principal Balance</u>	<u>Class 13-K Scheduled Principal Balance</u>	<u>Class 13-FD Targeted Principal Balance</u>	<u>Class 13-SD Targeted Principal Balance</u>
Initial Balance . . . .	\$58,539,136.00	\$83,587,906.00	\$23,921,690.00	\$38,021,687.00	\$68,080,210.00	\$45,386,807.00
April 1993 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	37,704,721.03	67,257,613.52	44,838,408.68
May 1993 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	37,368,112.01	66,386,379.71	44,257,586.15
June 1993 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	37,012,095.65	65,467,354.17	43,644,902.46
July 1993 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	36,636,929.91	64,501,466.63	43,000,977.44
August 1993 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	36,242,894.73	63,489,730.00	42,326,486.36
September 1993 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	35,830,291.77	62,433,238.90	41,622,158.96
October 1993 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	35,399,444.13	61,333,167.94	40,888,778.33
November 1993 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	34,950,695.96	60,190,769.91	40,127,179.65
December 1993 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	34,484,412.13	59,007,373.71	39,338,248.85
January 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	34,000,977.84	57,784,382.18	38,522,921.17
February 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	33,503,936.00	56,531,408.26	37,687,605.23
March 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	32,993,612.81	55,249,614.91	36,833,076.33
April 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	32,470,351.39	53,940,226.36	35,960,150.64
May 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	31,934,511.45	52,604,525.88	35,069,683.66
June 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	31,386,468.81	51,243,853.47	34,162,568.73
July 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	30,830,400.66	49,869,258.19	33,246,171.88
August 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	30,266,594.22	48,481,729.46	32,321,152.74
September 1994 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	29,695,348.96	47,082,299.56	31,388,199.48
October 1994 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	29,116,976.29	45,672,041.50	30,448,027.44
November 1994 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	28,531,799.15	44,252,066.83	29,501,377.67
December 1994 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	27,947,526.29	42,842,105.24	28,561,403.29
January 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	27,364,268.29	41,442,452.87	27,628,301.71
February 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	26,782,141.22	40,053,425.55	26,702,283.50
March 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	26,201,266.42	38,675,357.76	25,783,571.65
April 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	25,621,770.32	37,308,601.49	24,872,400.81
May 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	25,049,945.91	35,968,936.43	23,979,290.78
June 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	24,485,732.84	34,656,007.88	23,104,005.08
July 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	23,929,071.25	33,369,465.28	22,246,310.03
August 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	23,379,901.69	32,108,962.22	21,405,974.66
September 1995 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	22,838,165.19	30,874,156.34	20,582,770.74
October 1995 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	22,303,803.19	29,664,709.29	19,776,472.71
November 1995 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	21,776,757.58	28,480,286.71	18,986,857.67
December 1995 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	21,256,970.70	27,320,558.19	18,213,705.33
January 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	20,744,385.29	26,185,197.18	17,456,797.99
February 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	20,238,944.55	25,073,881.00	16,715,920.55
March 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	19,740,592.09	23,986,290.77	15,990,860.39
April 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	19,249,271.95	22,922,111.34	15,281,407.45
May 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	18,764,928.58	21,881,031.33	14,587,354.11
June 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	18,287,506.87	20,862,743.00	13,908,495.23
July 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	17,816,952.10	19,866,942.26	13,244,628.08
August 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	17,353,209.97	18,893,328.60	12,595,552.31
September 1996 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	16,896,226.60	17,941,605.09	11,961,069.97
October 1996 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	16,445,948.51	17,011,478.30	11,340,985.45
November 1996 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	16,002,322.62	16,102,658.27	10,735,105.43
December 1996 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	15,565,296.25	15,214,858.48	10,143,238.91
January 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	15,134,817.11	14,347,795.83	9,565,197.15

<u>Distribution Date</u>	<u>Class 13-G Planned Principal Balance</u>	<u>Class 13-H Planned Principal Balance</u>	<u>Class 13-J Planned Principal Balance</u>	<u>Class 13-K Scheduled Principal Balance</u>	<u>Class 13-FD Targeted Principal Balance</u>	<u>Class 13-SD Targeted Principal Balance</u>
February 1997 . . . .	\$58,539,136.00	\$83,587,906.00	\$23,921,690.00	\$14,710,833.34	\$13,501,190.54	\$ 9,000,793.63
March 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	14,293,293.43	12,674,766.19	8,449,844.06
April 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	13,882,146.30	11,868,249.62	7,912,166.36
May 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	13,477,341.21	11,081,370.93	7,387,580.57
June 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	13,078,827.85	10,313,863.43	6,875,908.90
July 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	12,686,556.26	9,565,463.60	6,376,975.69
August 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	12,300,476.89	8,835,911.07	5,890,607.34
September 1997 . . .	58,539,136.00	83,587,906.00	23,921,690.00	11,920,540.54	8,124,948.56	5,416,632.33
October 1997 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	11,546,698.39	7,432,321.87	4,954,881.21
November 1997 . . .	58,539,136.00	83,587,906.00	23,921,690.00	11,178,902.00	6,757,779.84	4,505,186.53
December 1997 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	10,817,103.30	6,101,074.30	4,067,382.83
January 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	10,461,254.58	5,461,960.04	3,641,306.67
February 1998 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	10,111,308.49	4,840,194.81	3,226,796.52
March 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	9,767,218.05	4,235,539.24	2,823,692.81
April 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	9,428,936.64	3,647,756.83	2,431,837.87
May 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	9,096,417.99	3,076,613.92	2,051,075.93
June 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	8,769,616.19	2,521,879.66	1,681,253.09
July 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	8,448,485.68	1,983,325.96	1,322,217.29
August 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	8,132,981.25	1,460,727.47	973,818.30
September 1998 . . .	58,539,136.00	83,587,906.00	23,921,690.00	7,823,058.04	953,861.55	635,907.70
October 1998 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	7,518,671.52	462,508.26	308,338.84
November 1998 . . .	58,539,136.00	83,587,906.00	23,921,690.00	7,219,777.52	0.00	0.00
December 1998 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	6,926,332.20	0.00	0.00
January 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	6,638,292.07	0.00	0.00
February 1999 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	6,355,613.96	0.00	0.00
March 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	6,078,255.03	0.00	0.00
April 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	5,806,172.80	0.00	0.00
May 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	5,539,325.08	0.00	0.00
June 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	5,277,670.04	0.00	0.00
July 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	5,021,166.15	0.00	0.00
August 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	4,769,772.20	0.00	0.00
September 1999 . . .	58,539,136.00	83,587,906.00	23,921,690.00	4,523,447.34	0.00	0.00
October 1999 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	4,282,150.98	0.00	0.00
November 1999 . . .	58,539,136.00	83,587,906.00	23,921,690.00	4,045,842.88	0.00	0.00
December 1999 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	3,814,483.11	0.00	0.00
January 2000 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	3,588,032.04	0.00	0.00
February 2000 . . . .	58,539,136.00	83,587,906.00	23,921,690.00	3,366,450.37	0.00	0.00
March 2000 . . . . .	58,539,136.00	83,587,906.00	23,921,690.00	3,149,699.07	0.00	0.00
April 2000 . . . . .	56,506,380.17	83,587,906.00	23,921,690.00	2,937,739.45	0.00	0.00
May 2000 . . . . .	53,840,628.31	83,587,906.00	23,921,690.00	2,730,533.10	0.00	0.00
June 2000 . . . . .	51,186,464.99	83,587,906.00	23,921,690.00	2,528,041.93	0.00	0.00
July 2000 . . . . .	48,543,830.02	83,587,906.00	23,921,690.00	2,330,228.13	0.00	0.00
August 2000 . . . . .	45,912,663.48	83,587,906.00	23,921,690.00	2,137,054.19	0.00	0.00
September 2000 . . .	43,292,905.73	83,587,906.00	23,921,690.00	1,948,482.90	0.00	0.00
October 2000 . . . . .	40,684,497.43	83,587,906.00	23,921,690.00	1,764,477.35	0.00	0.00
November 2000 . . .	38,087,379.50	83,587,906.00	23,921,690.00	1,585,000.89	0.00	0.00
December 2000 . . . .	35,501,493.15	83,587,906.00	23,921,690.00	1,410,017.19	0.00	0.00

<u>Distribution Date</u>	<u>Class 13-G Planned Principal Balance</u>	<u>Class 13-H Planned Principal Balance</u>	<u>Class 13-J Planned Principal Balance</u>	<u>Class 13-K Scheduled Principal Balance</u>	<u>Class 13-FD Targeted Principal Balance</u>	<u>Class 13-SD Targeted Principal Balance</u>
January 2001 . . . . .	\$32,926,779.86	\$83,587,906.00	\$23,921,690.00	\$ 1,239,490.20	\$ 0.00	\$ 0.00
February 2001 . . . . .	30,363,181.39	83,587,906.00	23,921,690.00	1,073,384.13	0.00	0.00
March 2001 . . . . .	27,810,639.77	83,587,906.00	23,921,690.00	911,663.51	0.00	0.00
April 2001 . . . . .	25,269,097.31	83,587,906.00	23,921,690.00	754,293.11	0.00	0.00
May 2001 . . . . .	22,738,496.59	83,587,906.00	23,921,690.00	601,238.01	0.00	0.00
June 2001 . . . . .	20,218,780.46	83,587,906.00	23,921,690.00	452,463.56	0.00	0.00
July 2001 . . . . .	17,709,892.03	83,587,906.00	23,921,690.00	307,935.37	0.00	0.00
August 2001 . . . . .	15,213,544.34	83,587,906.00	23,921,690.00	165,849.70	0.00	0.00
September 2001 . . . . .	12,756,063.77	83,587,906.00	23,921,690.00	0.00	0.00	0.00
October 2001 . . . . .	10,336,858.32	83,587,906.00	23,921,690.00	0.00	0.00	0.00
November 2001 . . . . .	7,955,344.92	83,587,906.00	23,921,690.00	0.00	0.00	0.00
December 2001 . . . . .	5,610,949.29	83,587,906.00	23,921,690.00	0.00	0.00	0.00
January 2002 . . . . .	3,303,105.80	83,587,906.00	23,921,690.00	0.00	0.00	0.00
February 2002 . . . . .	1,031,257.35	83,587,906.00	23,921,690.00	0.00	0.00	0.00
March 2002 . . . . .	0.00	82,382,761.24	23,921,690.00	0.00	0.00	0.00
April 2002 . . . . .	0.00	80,181,265.03	23,921,690.00	0.00	0.00	0.00
May 2002 . . . . .	0.00	78,014,142.46	23,921,690.00	0.00	0.00	0.00
June 2002 . . . . .	0.00	75,880,869.25	23,921,690.00	0.00	0.00	0.00
July 2002 . . . . .	0.00	73,780,929.07	23,921,690.00	0.00	0.00	0.00
August 2002 . . . . .	0.00	71,713,813.36	23,921,690.00	0.00	0.00	0.00
September 2002 . . . . .	0.00	69,679,021.22	23,921,690.00	0.00	0.00	0.00
October 2002 . . . . .	0.00	67,676,059.33	23,921,690.00	0.00	0.00	0.00
November 2002 . . . . .	0.00	65,704,441.78	23,921,690.00	0.00	0.00	0.00
December 2002 . . . . .	0.00	63,763,690.03	23,921,690.00	0.00	0.00	0.00
January 2003 . . . . .	0.00	61,853,332.73	23,921,690.00	0.00	0.00	0.00
February 2003 . . . . .	0.00	59,972,905.66	23,921,690.00	0.00	0.00	0.00
March 2003 . . . . .	0.00	58,121,951.59	23,921,690.00	0.00	0.00	0.00
April 2003 . . . . .	0.00	56,300,020.21	23,921,690.00	0.00	0.00	0.00
May 2003 . . . . .	0.00	54,506,667.99	23,921,690.00	0.00	0.00	0.00
June 2003 . . . . .	0.00	52,741,458.10	23,921,690.00	0.00	0.00	0.00
July 2003 . . . . .	0.00	51,003,960.31	23,921,690.00	0.00	0.00	0.00
August 2003 . . . . .	0.00	49,293,750.89	23,921,690.00	0.00	0.00	0.00
September 2003 . . . . .	0.00	47,610,412.49	23,921,690.00	0.00	0.00	0.00
October 2003 . . . . .	0.00	45,953,534.09	23,921,690.00	0.00	0.00	0.00
November 2003 . . . . .	0.00	44,322,710.84	23,921,690.00	0.00	0.00	0.00
December 2003 . . . . .	0.00	42,717,544.04	23,921,690.00	0.00	0.00	0.00
January 2004 . . . . .	0.00	41,137,640.99	23,921,690.00	0.00	0.00	0.00
February 2004 . . . . .	0.00	39,582,614.93	23,921,690.00	0.00	0.00	0.00
March 2004 . . . . .	0.00	38,052,084.96	23,921,690.00	0.00	0.00	0.00
April 2004 . . . . .	0.00	36,545,675.91	23,921,690.00	0.00	0.00	0.00
May 2004 . . . . .	0.00	35,063,018.28	23,921,690.00	0.00	0.00	0.00
June 2004 . . . . .	0.00	33,603,748.17	23,921,690.00	0.00	0.00	0.00
July 2004 . . . . .	0.00	32,167,507.18	23,921,690.00	0.00	0.00	0.00
August 2004 . . . . .	0.00	30,753,942.32	23,921,690.00	0.00	0.00	0.00
September 2004 . . . . .	0.00	29,362,705.93	23,921,690.00	0.00	0.00	0.00
October 2004 . . . . .	0.00	27,993,455.61	23,921,690.00	0.00	0.00	0.00
November 2004 . . . . .	0.00	26,645,854.16	23,921,690.00	0.00	0.00	0.00

Distribution Date	Class 13-G Planned Principal Balance	Class 13-H Planned Principal Balance	Class 13-J Planned Principal Balance	Class 13-K Scheduled Principal Balance	Class 13-FD Targeted Principal Balance	Class 13-SD Targeted Principal Balance
December 2004 . . . .	\$ 0.00	\$25,319,569.44	\$23,921,690.00	\$ 0.00	\$ 0.00	\$ 0.00
January 2005 . . . .	0.00	24,014,274.36	23,921,690.00	0.00	0.00	0.00
February 2005 . . . .	0.00	22,729,646.77	23,921,690.00	0.00	0.00	0.00
March 2005 . . . . .	0.00	21,465,369.41	23,921,690.00	0.00	0.00	0.00
April 2005 . . . . .	0.00	20,221,129.78	23,921,690.00	0.00	0.00	0.00
May 2005 . . . . .	0.00	18,996,620.14	23,921,690.00	0.00	0.00	0.00
June 2005 . . . . .	0.00	17,791,537.41	23,921,690.00	0.00	0.00	0.00
July 2005 . . . . .	0.00	16,605,583.07	23,921,690.00	0.00	0.00	0.00
August 2005 . . . . .	0.00	15,438,463.15	23,921,690.00	0.00	0.00	0.00
September 2005 . . .	0.00	14,289,888.09	23,921,690.00	0.00	0.00	0.00
October 2005 . . . . .	0.00	13,159,572.77	23,921,690.00	0.00	0.00	0.00
November 2005 . . .	0.00	12,047,236.32	23,921,690.00	0.00	0.00	0.00
December 2005 . . . .	0.00	10,952,602.18	23,921,690.00	0.00	0.00	0.00
January 2006 . . . . .	0.00	9,875,397.96	23,921,690.00	0.00	0.00	0.00
February 2006 . . . .	0.00	8,815,355.37	23,921,690.00	0.00	0.00	0.00
March 2006 . . . . .	0.00	7,772,210.21	23,921,690.00	0.00	0.00	0.00
April 2006 . . . . .	0.00	6,745,702.29	23,921,690.00	0.00	0.00	0.00
May 2006 . . . . .	0.00	5,735,575.35	23,921,690.00	0.00	0.00	0.00
June 2006 . . . . .	0.00	4,741,577.00	23,921,690.00	0.00	0.00	0.00
July 2006 . . . . .	0.00	3,763,458.69	23,921,690.00	0.00	0.00	0.00
August 2006 . . . . .	0.00	2,800,975.65	23,921,690.00	0.00	0.00	0.00
September 2006 . . .	0.00	1,853,886.78	23,921,690.00	0.00	0.00	0.00
October 2006 . . . . .	0.00	921,954.69	23,921,690.00	0.00	0.00	0.00
November 2006 . . .	0.00	4,945.54	23,921,690.00	0.00	0.00	0.00
December 2006 . . . .	0.00	0.00	23,024,319.07	0.00	0.00	0.00
January 2007 . . . . .	0.00	0.00	22,136,468.48	0.00	0.00	0.00
February 2007 . . . .	0.00	0.00	21,262,860.45	0.00	0.00	0.00
March 2007 . . . . .	0.00	0.00	20,403,275.01	0.00	0.00	0.00
April 2007 . . . . .	0.00	0.00	19,557,495.56	0.00	0.00	0.00
May 2007 . . . . .	0.00	0.00	18,725,308.76	0.00	0.00	0.00
June 2007 . . . . .	0.00	0.00	17,906,504.51	0.00	0.00	0.00
July 2007 . . . . .	0.00	0.00	17,100,875.93	0.00	0.00	0.00
August 2007 . . . . .	0.00	0.00	16,308,219.24	0.00	0.00	0.00
September 2007 . . .	0.00	0.00	15,528,333.78	0.00	0.00	0.00
October 2007 . . . . .	0.00	0.00	14,761,021.93	0.00	0.00	0.00
November 2007 . . .	0.00	0.00	14,006,089.06	0.00	0.00	0.00
December 2007 . . . .	0.00	0.00	13,263,343.52	0.00	0.00	0.00
January 2008 . . . . .	0.00	0.00	12,532,596.55	0.00	0.00	0.00
February 2008 . . . .	0.00	0.00	11,813,662.27	0.00	0.00	0.00
March 2008 . . . . .	0.00	0.00	11,106,357.61	0.00	0.00	0.00
April 2008 . . . . .	0.00	0.00	10,410,502.30	0.00	0.00	0.00
May 2008 . . . . .	0.00	0.00	9,725,918.80	0.00	0.00	0.00
June 2008 . . . . .	0.00	0.00	9,052,432.28	0.00	0.00	0.00
July 2008 . . . . .	0.00	0.00	8,389,870.54	0.00	0.00	0.00
August 2008 . . . . .	0.00	0.00	7,738,064.03	0.00	0.00	0.00
September 2008 . . .	0.00	0.00	7,096,845.77	0.00	0.00	0.00
October 2008 . . . . .	0.00	0.00	6,466,051.31	0.00	0.00	0.00

<u>Distribution Date</u>	<u>Class 13-G Planned Principal Balance</u>	<u>Class 13-H Planned Principal Balance</u>	<u>Class 13-J Planned Principal Balance</u>	<u>Class 13-K Scheduled Principal Balance</u>	<u>Class 13-FD Targeted Principal Balance</u>	<u>Class 13-SD Targeted Principal Balance</u>
November 2008 ...	\$ 0.00	\$ 0.00	\$ 5,845,518.71	\$ 0.00	\$ 0.00	\$ 0.00
December 2008....	0.00	0.00	5,235,088.50	0.00	0.00	0.00
January 2009 .....	0.00	0.00	4,634,603.61	0.00	0.00	0.00
February 2009 ....	0.00	0.00	4,043,909.40	0.00	0.00	0.00
March 2009 .....	0.00	0.00	3,462,853.54	0.00	0.00	0.00
April 2009 .....	0.00	0.00	2,891,286.07	0.00	0.00	0.00
May 2009 .....	0.00	0.00	2,329,059.27	0.00	0.00	0.00
June 2009 .....	0.00	0.00	1,776,027.69	0.00	0.00	0.00
July 2009 .....	0.00	0.00	1,232,048.09	0.00	0.00	0.00
August 2009 .....	0.00	0.00	696,979.41	0.00	0.00	0.00
September 2009 ...	0.00	0.00	170,682.75	0.00	0.00	0.00
October 2009 and thereafter ..	0.00	0.00	0.00	0.00	0.00	0.00

## Characteristics of the Class 13-R and Class 13-RL REMIC Certificates

The Class 13-R and Class 13-RL REMIC Certificates will not have principal balances and will not bear interest. The Holder of the Class 13-R REMIC Certificate will be entitled to receive the proceeds of the remaining assets of the Trust, if any, after the principal balances of all Classes of REMIC Certificates have been reduced to zero, and the Holder of the Class 13-RL REMIC Certificate will be entitled to receive the proceeds of the remaining assets of the Lower Tier REMIC, if any, after the principal balances of the Lower Tier Interests have been reduced to zero. It is not anticipated that there will be any material assets remaining in either such circumstance.

The Class 13-R and Class 13-RL REMIC Certificates will be subject to certain transfer restrictions. No transfer of record or beneficial ownership in a Class 13-R or Class 13-RL REMIC Certificate (whether pursuant to a purchase, a default under a secured lending agreement or otherwise) will be allowed to a “disqualified organization,” or to any person holding a Class 13-R or Class 13-RL REMIC Certificate on behalf of a disqualified organization. The term “disqualified organization” includes the United States, any State or political subdivision thereof, any foreign government, any international organization, or any agency or instrumentality of the foregoing (other than certain taxable instrumentalities), any cooperative organization furnishing electric energy or providing telephone service to persons in rural areas, or any organization (other than a farmer’s cooperative) that is exempt from federal income tax, unless such organization is subject to tax on unrelated business income. Any transferee of a Class 13-R or Class 13-RL REMIC Certificate must execute and deliver (i) an affidavit stating that neither the transferee nor any person for whose account such transferee is acquiring a Class 13-R or Class 13-RL REMIC Certificate is a disqualified organization and (ii) an Internal Revenue Service Form W-9 on which the transferee provides its taxpayer identification number. In addition, a pass-through entity (including a nominee) that holds a Class 13-R or Class 13-RL REMIC Certificate may be subject to additional taxes if a disqualified organization is a record holder therein. See “Certain Federal Income Tax Consequences—Sales of Certificates—*Residual Certificates Transferred to or Held by Disqualified Organizations*” herein.

In addition, no transfer of record or beneficial ownership in a Class 13-R or Class 13-RL REMIC Certificate (whether pursuant to a purchase, a default under a secured lending agreement or otherwise) will be allowed to any person that is not a “U.S. Person” without the written consent of Fannie Mae. The term “U.S. Person” means a citizen or resident of the United States, a corporation, partnership or other entity created or organized in or under the laws of the United States or any political subdivision thereof, or an estate or trust that is subject to U.S. federal income tax regardless of the source of its income.

Under the Regulations (as defined below under the heading “Certain Federal Income Tax Consequences”), a transfer of a “noneconomic residual interest” to a U.S. Person will be disregarded for all federal tax purposes unless no significant purpose of the transfer is to impede the assessment or collection of tax. The Class 13-R or Class 13-RL REMIC Certificate would be treated as constituting a noneconomic residual interest unless, at the time of the transfer, (i) the present value of the expected future distributions on the Class 13-R or Class 13-RL REMIC Certificate is no less than the product of the present value of the “anticipated excess inclusions” with respect to such Certificate and the highest rate of tax specified in section 11(b)(1) of the Code for the year in which the transfer occurs, and (ii) the transferor reasonably expects that the transferee will receive distributions from the Trust, in the case of a transfer of the Class 13-R REMIC Certificate, or from the Lower Tier REMIC, in the case of a transfer of the Class 13-RL REMIC Certificate, in an amount sufficient to satisfy the liability for income tax on any “excess inclusions” at or after the time when such liability accrues. Anticipated excess inclusions are the excess inclusions that are anticipated to be allocated to each calendar quarter (or portion thereof) following the transfer of any Class 13-R or Class 13-RL REMIC Certificate, determined as of the

date such Certificate is transferred and based on events that have occurred as of that date and on the Prepayment Assumption. See “Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—*Original Issue Discount*” and “—Taxation of Beneficial Owners of Residual Certificates—*Excess Inclusions*” herein. Each of the Class 13-R and Class 13-RL REMIC Certificates will constitute a noneconomic residual interest under the Regulations.

The Regulations provide that a significant purpose to impede the assessment or collection of tax exists if, at the time of the transfer, a transferor of the Class 13-R or Class 13-RL REMIC Certificate has “improper knowledge” (*i.e.*, either knew, or should have known, that the transferee would be unwilling or unable to pay taxes due on its share of the taxable income of the Trust or the Lower Tier REMIC). A transferor is presumed not to have improper knowledge if (i) the transferor conducts, at the time of the transfer, a reasonable investigation of the financial condition of the transferee and, as a result of the investigation, the transferor finds that the transferee has historically paid its debts as they came due and finds no significant evidence to indicate that the transferee will not continue to pay its debts as they come due in the future; and (ii) the transferee makes certain representations to the transferor in the affidavit relating to disqualified organizations discussed above. Each transferee of the Class 13-R or Class 13-RL REMIC Certificate must affirm in the affidavit that no purpose of the transfer is to avoid or impede the assessment or collection of tax, that it understands that it may incur tax liabilities in excess of any cash flows generated by the Class 13-R or Class 13-RL REMIC Certificate and that it intends to pay taxes associated with holding the Class 13-R or Class 13-RL REMIC Certificate as they become due. Transferors of the Class 13-R or Class 13-RL REMIC Certificate should consult with their own tax advisors for further information regarding such transfers.

The Holder of the Class 13-R REMIC Certificate will be considered to be the holder of the residual interest in the REMIC constituted by the Trust, and the Holder of the Class 13-RL REMIC Certificate will be considered to be the holder of the residual interest in the REMIC constituted by the Lower Tier REMIC. See “Certain Federal Income Tax Consequences” herein. Pursuant to the Trust Agreement, Fannie Mae will be obligated to provide to such Holders (i) such information as is necessary to enable them to prepare their federal income tax returns and (ii) any reports regarding the REMIC Certificates that may be required under the Code.

## **Yield Considerations**

*General.* There can be no assurance that the Mortgage Loans will have the characteristics assumed herein or will prepay at any of the rates assumed herein or at any other particular rate, that the pre-tax yields on the REMIC Certificates will correspond to any of the pre-tax yields shown herein or that the aggregate purchase prices of the REMIC Certificates will be as assumed. In addition, there can be no assurance that LIBOR or COFI will correspond with the levels shown herein. Because the rate of distributions of principal of such REMIC Certificates will be related to the rate of principal payments (including prepayments) of the Mortgage Loans, which will likely include Mortgage Loans that have remaining terms to maturity shorter or longer than those assumed and interest rates higher than those assumed, the distributions thereon are likely to differ from those assumed, even if all the Mortgage Loans prepay at the indicated *constant* percentages of PSA. The rate of distribution of principal of the REMIC Certificates also will be affected by the distribution of a portion of the principal payments (including prepayments) on the Mortgage Loans underlying the GNMA Certificates in the month following the month in which they are received. In addition, it is not likely that the Mortgage Loans will prepay at a *constant* rate until maturity, that all of such Mortgage Loans will prepay at the same rate or that the level of LIBOR or COFI will remain constant. The timing of changes in the rate of prepayments or the level of LIBOR or COFI may significantly affect the actual yield to maturity to investors, even if the average rate of principal prepayments or the average level of LIBOR or COFI is consistent with the expectations of investors. In general, the earlier the payment of principal of the Mortgage Loans or change in

the level of LIBOR or COFI, the greater the effect on an investor's yield to maturity. As a result, the effect on an investor's yield of principal prepayments or the level of LIBOR or COFI occurring at a rate or level higher (or lower) than the rate or level anticipated by the investor during the period immediately following the issuance of the REMIC Certificates will not be offset by a subsequent like reduction (or increase) in the rate of principal prepayments or level of LIBOR or COFI, as the case may be. Investors must make their own decisions as to the appropriate assumptions, including prepayment assumptions, to be used in deciding whether to purchase the REMIC Certificates.

The tables below indicate the sensitivity of the pre-tax corporate bond equivalent yields to maturity of certain Classes of REMIC Certificates to various constant prepayment rates and, in certain cases, to changes in LIBOR or COFI. The yields set forth in the tables were calculated by determining the monthly discount rates that, when applied to the assumed stream of cash flows to be paid on the applicable Classes of REMIC Certificates, would cause the discounted present value of such assumed stream of cash flows to equal the assumed aggregate purchase prices of such Classes of REMIC Certificates and converting such monthly rates to corporate bond equivalent rates. Such calculations do not take into account variations that may occur in the interest rates at which investors may be able to reinvest funds received by them as distributions on the REMIC Certificates and consequently do not purport to reflect the return on any investment in the REMIC Certificates when such reinvestment rates are considered.

***The Class 13-IO REMIC Certificates.*** As indicated in the table below, the yield to investors in the Class 13-IO REMIC Certificates will be highly sensitive to the rate of principal payments (including prepayments) of the Mortgage Loans, which generally can be prepaid at any time. On the basis of the assumptions described below, the yield to maturity on the Class 13-IO REMIC Certificates would be 0% if prepayments were to occur at constant rate of approximately 352% PSA. If the actual prepayment rate of the Mortgage Loans were to exceed the foregoing level for as little as one month while equaling such level for the remaining months, the investors in the Class 13-IO REMIC Certificates would not fully recoup their initial investments.

The information set forth in the following table has been prepared on the basis of the Pricing Assumptions and on the assumption that the aggregate purchase price of the Class 13-IO REMIC Certificates (including accrued interest) is \$77,540,601.

**Sensitivity of the Class 13-IO REMIC Certificates to Prepayments  
(Pre-Tax Yields to Maturity)**

PSA Percentages .....	<u>50%</u>	<u>95%</u>	<u>200%</u>	<u>275%</u>	<u>500%</u>
Class 13-IO .....	18.9%	16.2%	9.8%	5.0%	(9.9)%

***The Class 13-SB, Class 13-S and Class 13-SA REMIC Certificates.*** The yields to investors in the Class 13-SB and Class 13-S REMIC Certificates will be highly sensitive to changes in the level of LIBOR and the yield to investors in the Class 13-SA REMIC Certificates will be highly sensitive to certain high levels of LIBOR. In addition, the yields to investors in the Class 13-SB, Class 13-S and Class 13-SA REMIC Certificates will be sensitive in varying degrees to the rate of principal payments (including prepayments) of the Mortgage Loans, which generally can be prepaid at any time. As indicated in the tables below, a high level of LIBOR will have a negative effect on the yields to investors in the Class 13-SB, Class 13-S and Class 13-SA REMIC Certificates. It is possible that under certain high LIBOR scenarios, investors in the Class 13-SB REMIC Certificates will not fully recoup their initial investments.

Changes in LIBOR may not correlate with changes in prevailing mortgage interest rates. It is possible that lower prevailing mortgage interest rates, which might be expected to result in faster prepayments, could occur concurrently with increased levels of LIBOR.

The information set forth in the following tables was prepared on the basis of the Pricing Assumptions and on the assumptions that (i) on the April 1993 LIBOR Determination Date and each LIBOR Determination Date thereafter, LIBOR will be at the levels shown and (ii) the aggregate purchase prices of the Class 13-SB, Class 13-S and Class 13-SA REMIC Certificates (including accrued interest) are \$2,018,453, \$15,989,116 and \$5,931,747, respectively.

**Sensitivity of the Class 13-SB REMIC Certificates to Prepayments and LIBOR  
(Pre-Tax Yields to Maturity)**

LIBOR	PSA Prepayment Assumption				
	50%	95%	200%	275%	500%
1.125% .....	97.1%	68.2%	68.2%	68.2%	67.6%
3.125% .....	54.3%	24.0%	24.0%	24.0%	23.2%
5.125% .....	10.8%	(21.9)%	(21.9)%	(21.9)%	(23.1)%
7.125% .....	(41.8)%	(78.4)%	(78.4)%	(78.4)%	(80.3)%
8.150% .....	*	*	*	*	*

\* The pre-tax yield to maturity will be less than (99.9%).

**Sensitivity of the Class 13-S REMIC Certificates to Prepayments and LIBOR  
(Pre-Tax Yields to Maturity)**

LIBOR	PSA Prepayment Assumption				
	50%	95%	200%	275%	500%
1.125% .....	14.7%	14.7%	15.4%	22.4%	61.6%
3.125% .....	9.4%	9.5%	10.3%	16.5%	56.2%
5.125% .....	4.4%	4.6%	5.3%	10.6%	51.0%
6.500% and above .....	1.2%	1.4%	2.1%	6.5%	47.4%

**Sensitivity of the Class 13-SA REMIC Certificates to Prepayments and LIBOR  
(Pre-Tax Yields to Maturity)**

LIBOR	PSA Prepayment Assumption				
	50%	95%	200%	275%	500%
6.500% and below .....	16.2%	16.2%	16.2%	16.4%	17.4%
7.125% .....	11.5%	11.5%	11.5%	11.8%	13.2%
8.125% .....	4.2%	4.2%	4.2%	4.5%	6.4%
8.700% .....	0.1%	0.1%	0.1%	0.3%	2.6%

*The Class 13-SD, Class 13-SC and Class 13-SE REMIC Certificates.* **The yields to investors in the Class 13-SD and Class 13-SC REMIC Certificates will be highly sensitive to the level of COFI, and the yield to investors in the Class 13-SE REMIC Certificates will be highly sensitive to certain high levels of COFI. In addition, the yields to investors in the Class 13-SD, Class 13-SC and Class 13-SE REMIC Certificates will be sensitive in varying degrees to the rate of principal payments (including prepayments) of the Mortgage Loans, which generally can be prepaid at any time. As indicated in the tables below, a high level of COFI will have a negative effect on the yields to investors in the Class 13-SD, Class 13-SC and Class 13-SE REMIC Certificates.**

Changes in COFI may not correlate with changes in prevailing mortgage interest rates. It is possible that lower prevailing mortgage interest rates, which might be expected to result in faster

prepayments, could occur concurrently with an increased level of COFI. A change of index from the Eleventh District Cost of Funds Index to an alternative index will result in a change in the index level, and, particularly if LIBOR is the alternative index, could increase its volatility.

The information set forth in the following tables was prepared on the basis of the Pricing Assumptions and on the assumptions that (i) the interest rates applicable to the Class 13-SD, Class 13-SC and Class 13-SE REMIC Certificates for each Interest Accrual Period subsequent to the first Interest Accrual Period will be based on the level of COFI shown and (ii) the aggregate purchase prices of the Class 13-SD, Class 13-SC and Class 13-SE REMIC Certificates (including accrued interest) are \$39,297,666, \$12,229,417 and \$3,563,813, respectively.

**Sensitivity of the Class 13-SD REMIC Certificates to Prepayments and COFI  
(Pre-Tax Yields to Maturity)**

COFI	PSA Prepayment Assumption				
	50%	95%	200%	275%	500%
2.432% .....	11.8%	11.9%	17.4%	17.4%	20.8%
4.432% .....	8.3%	8.5%	14.0%	14.0%	17.4%
6.432% .....	4.9%	5.1%	10.6%	10.6%	14.1%
8.432% .....	1.6%	1.8%	7.2%	7.2%	10.8%
9.000% .....	0.7%	0.9%	6.3%	6.3%	9.9%

**Sensitivity of the Class 13-SC REMIC Certificates to Prepayments and COFI  
(Pre-Tax Yields to Maturity)**

COFI	PSA Prepayment Assumption				
	50%	95%	200%	275%	500%
2.432% .....	11.2%	11.3%	11.8%	16.6%	46.2%
4.432% .....	6.6%	6.7%	7.3%	11.4%	41.6%
6.432% .....	2.2%	2.3%	2.8%	6.2%	36.9%
7.000% and above .....	1.0%	1.1%	1.6%	4.7%	35.6%

**Sensitivity of the Class 13-SE REMIC Certificates to Prepayments and COFI  
(Pre-Tax Yields to Maturity)**

COFI	PSA Prepayment Assumption				
	50%	95%	200%	275%	500%
7.000% and below .....	11.7%	11.7%	11.7%	11.7%	12.0%
7.432% .....	8.0%	8.0%	8.1%	8.1%	8.6%
8.400% .....	0.0%	0.0%	0.1%	0.2%	1.3%

**Final Distribution Dates**

The Final Distribution Date for REMIC Certificates of a particular Class is the date by which the principal thereof is required to be fully paid and is specified on the cover page. The Final Distribution Dates of the respective Classes of REMIC Certificates have been determined so that distributions on the underlying GNMA Certificates will be sufficient to retire each such Class on or before its Final Distribution Date without the necessity of any call on Fannie Mae under its guaranty of the REMIC Certificates. However, because (i) some prepayments of the Mortgage Loans

are likely and (ii) certain of the Mortgage Loans have terms to maturity that are shorter than, and bear interest at rates that are lower than, the term to maturity and interest rate assumed in calculating the Final Distribution Dates, the actual final payment of any Class of REMIC Certificates may occur earlier, and could occur significantly earlier, than its Final Distribution Date. However, there can be no assurance that the final distribution of principal of any or all Classes of the REMIC Certificates will be earlier than the Final Distribution Date for such Class.

### **Reinvestment Risk**

Because the Mortgage Loans underlying the GNMA Certificates may be prepaid at any time, it is not possible to predict the rate at which distributions of principal of the REMIC Certificates will be received. Accordingly, since prevailing interest rates are subject to fluctuation, there can be no assurance that investors in the REMIC Certificates will be able to reinvest the distributions thereon at yields equaling or exceeding the yields on the REMIC Certificates. It is possible that yields on any such reinvestments will be lower, and may be significantly lower, than the yields on the REMIC Certificates. Prospective investors in the REMIC Certificates should carefully consider the related reinvestment risks in light of other investments that may be available to such investors. See “Prepayment Considerations and Risks” herein.

### **Weighted Average Lives of the REMIC Certificates**

The weighted average life of a REMIC Certificate is determined by (a) multiplying the amount of the reduction, if any, of the principal balance of such REMIC Certificate from one Distribution Date to the next Distribution Date by the number of years from the date of issuance to the second such Distribution Date, (b) summing the results and (c) dividing the sum by the aggregate amount of the reductions in principal balance of such REMIC Certificate referred to in clause (a).

The weighted average lives of the REMIC Certificates will be influenced by, among other things, the rate at which principal is paid on the Mortgage Loans. In general, the weighted average lives of the REMIC Certificates will be shortened if the level of prepayments of principal of the Mortgage Loans increases. The weighted average lives will also depend upon a variety of other factors, including the timing of changes in such rate of principal payments, the priority sequence of distributions of principal of the REMIC Certificates and the distribution of principal of certain Classes of REMIC Certificates in accordance with the Principal Balance Schedules herein. The interaction of such factors may have different effects on the various Classes of REMIC Certificates and the effects on any Class may vary at different times during the life of such Class. Accordingly, no assurance can be given as to the weighted average life of any Class of REMIC Certificates. Further, to the extent the prices of the REMIC Certificates represent discounts or premiums to their respective original principal balances, variability in the weighted average lives of such Classes of REMIC Certificates could result in variability in the related yields to maturity. For an example of how the weighted average lives of the REMIC Certificates are affected by the foregoing factors at various *constant* prepayment rates, see the Decrement Tables below.

If the amount distributable as principal of the REMIC Certificates on any Distribution Date exceeds (or is less than) the amount required to reduce the principal balances of certain Classes of REMIC Certificates with higher principal payment priorities to their respective scheduled balances as set forth in the Principal Balance Schedules, such excess principal (or no principal) will be distributed on certain remaining Classes of REMIC Certificates on such Distribution Date. Accordingly, the rate of principal payments on the Mortgage Loans is expected to have a greater effect on the weighted average lives of the Class 13-F, Class 13-S, Class 13-SA, Class 13-FC, Class 13-SC and Class 13-SE REMIC Certificates, and under certain prepayment scenarios, the Class 13-K REMIC Certificates and the Targeted Principal REMIC Certificates than on the weighted average lives of the Planned Principal REMIC Certificates. See “Distributions of Principal” herein.

## Decrement Tables

The following tables indicate the percentages of the original principal balances of the specified Classes of REMIC Certificates that would be outstanding after each of the dates shown at various *constant* percentages of PSA and the corresponding weighted average lives of such Classes of REMIC Certificates. The tables have been prepared on the basis of the Pricing Assumptions, except that with respect to the information set forth under 0% PSA, it has been assumed that each Mortgage Loan underlying the GNMA Certificates bears an interest rate of 10.00% per annum and has an original and remaining term to maturity of 360 months. It is not likely that (i) all of the underlying Mortgage Loans will have the interest rate or remaining term to maturity assumed or (ii) the underlying Mortgage Loans will prepay at a *constant* level of PSA. In addition, a portion of the payments (including prepayments) on the Mortgage Loans will be distributed in the month following the month in which such payments are received. Moreover, the diverse remaining terms to maturity of the Mortgage Loans (which will include recently originated Mortgage Loans) could produce slower or faster principal distributions than indicated in the tables at the various *constant* percentages of PSA specified, even if the distribution of the weighted average remaining terms to maturity of the Mortgage Loans is identical to the distribution of the remaining terms to maturity specified in the Pricing Assumptions.

## Percent of Original Principal Balances Outstanding

Date	Class 13-A					Class 13-B					Class 13-FB and Class 13-SB†					Class 13-C				
	PSA Prepayment Assumption					PSA Prepayment Assumption					PSA Prepayment Assumption					PSA Prepayment Assumption				
	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 1994	94	57	57	57	57	98	86	86	86	86	96	73	73	73	73	100	100	100	100	100
March 1995	88	0	0	0	0	96	67	67	67	67	93	36	36	36	36	100	100	100	100	100
March 1996	81	0	0	0	0	94	0	0	0	0	88	0	0	0	0	100	95	95	95	19
March 1997	74	0	0	0	0	92	0	0	0	0	83	0	0	0	0	100	0	0	0	0
March 1998	65	0	0	0	0	89	0	0	0	0	78	0	0	0	0	100	0	0	0	0
March 1999	56	0	0	0	0	86	0	0	0	0	72	0	0	0	0	100	0	0	0	0
March 2000	46	0	0	0	0	83	0	0	0	0	66	0	0	0	0	100	0	0	0	0
March 2001	35	0	0	0	0	79	0	0	0	0	59	0	0	0	0	100	0	0	0	0
March 2002	22	0	0	0	0	75	0	0	0	0	51	0	0	0	0	100	0	0	0	0
March 2003	9	0	0	0	0	71	0	0	0	0	42	0	0	0	0	100	0	0	0	0
March 2004	0	0	0	0	0	60	0	0	0	0	32	0	0	0	0	100	0	0	0	0
March 2005	0	0	0	0	0	40	0	0	0	0	22	0	0	0	0	100	0	0	0	0
March 2006	0	0	0	0	0	18	0	0	0	0	10	0	0	0	0	100	0	0	0	0
March 2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	0	0	0	0
March 2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	0	0	0	0
March 2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0
March 2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	6.2	1.1	1.1	1.1	1.1	10.4	2.1	2.1	2.1	2.0	8.4	1.6	1.6	1.6	1.6	15.1	3.5	3.5	3.5	2.9

Date	Class 13-D					Class 13-E					Class 13-G				
	PSA Prepayment Assumption					PSA Prepayment Assumption					PSA Prepayment Assumption				
	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 1994	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 1995	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 1996	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 1997	100	99	99	99	100	100	100	100	100	39	100	100	100	100	100
March 1998	100	0	0	0	0	100	97	97	97	0	100	100	100	100	45
March 1999	100	0	0	0	0	100	48	48	48	0	100	100	100	100	0
March 2000	100	0	0	0	0	100	1	1	1	0	100	100	100	100	0
March 2001	100	0	0	0	0	100	0	0	0	0	100	48	48	48	0
March 2002	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2003	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2004	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2005	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2006	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2007	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2008	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2009	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2010	60	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2011	*	0	0	0	0	100	0	0	0	0	100	0	0	0	0
March 2012	0	0	0	0	0	67	0	0	0	0	100	0	0	0	0
March 2013	0	0	0	0	0	31	0	0	0	0	100	0	0	0	0
March 2014	0	0	0	0	0	0	0	0	0	0	90	0	0	0	0
March 2015	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0
March 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	17.2	4.5	4.5	4.5	3.3	19.5	6.0	6.0	6.0	3.9	21.8	8.0	8.0	8.0	5.0

\* Indicates an amount above zero and less than 0.5% of the original principal balance is outstanding.

\*\* The weighted average life of a REMIC Certificate is determined as specified under "Weighted Average Lives of the REMIC Certificates" herein.

† In the case of the Class 13-SB REMIC Certificates, the Decrement Table indicates the percentages of original notional principal balance outstanding.

Date	Class 13-H					Class 13-J					Class 13-K						
	PSA Prepayment Assumption					PSA Prepayment Assumption					PSA Prepayment Assumption						
	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%	0%	95%	115%	200%	225%	275%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 1994	100	100	100	100	100	100	100	100	100	100	100	100	87	87	87	87	87
March 1995	100	100	100	100	100	100	100	100	100	100	100	100	69	69	69	69	69
March 1996	100	100	100	100	100	100	100	100	100	100	100	100	52	52	52	52	0
March 1997	100	100	100	100	100	100	100	100	100	100	100	100	38	38	38	38	0
March 1998	100	100	100	100	100	100	100	100	100	100	100	100	26	26	26	26	0
March 1999	100	100	100	100	82	100	100	100	100	100	100	100	16	16	16	16	0
March 2000	100	100	100	100	48	100	100	100	100	100	100	100	8	8	8	8	0
March 2001	100	100	100	100	24	100	100	100	100	100	100	100	2	2	2	2	0
March 2002	100	99	99	99	8	100	100	100	100	100	100	100	98	0	0	0	2
March 2003	100	70	70	70	0	100	100	100	100	87	100	87	0	0	0	2	0
March 2004	100	46	46	46	0	100	100	100	100	60	100	69	0	0	0	2	0
March 2005	100	26	26	26	0	100	100	100	100	41	100	46	0	0	0	2	0
March 2006	100	9	9	9	0	100	100	100	100	28	100	18	0	0	0	2	0
March 2007	100	0	0	0	0	100	85	85	85	19	100	0	0	0	0	2	0
March 2008	100	0	0	0	0	100	46	46	46	13	100	0	0	0	0	2	0
March 2009	100	0	0	0	0	100	14	14	14	9	100	0	0	0	0	2	0
March 2010	100	0	0	0	0	100	0	0	0	6	100	0	0	0	0	0	0
March 2011	100	0	0	0	0	100	0	0	0	4	100	0	0	0	0	0	0
March 2012	100	0	0	0	0	100	0	0	0	3	100	0	0	0	0	0	0
March 2013	100	0	0	0	0	100	0	0	0	2	100	0	0	0	0	0	0
March 2014	100	0	0	0	0	100	0	0	0	1	100	0	0	0	0	0	0
March 2015	100	0	0	0	0	100	0	0	0	1	100	0	0	0	0	0	0
March 2016	85	0	0	0	0	100	0	0	0	*	100	0	0	0	0	0	0
March 2017	39	0	0	0	0	100	0	0	0	*	100	0	0	0	0	0	0
March 2018	0	0	0	0	0	63	0	0	0	*	100	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0	0	*	18	0	0	0	0	0	0
March 2020	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
March 2021	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
March 2022	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
March 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	23.8	11.0	11.0	11.0	7.2	25.1	15.0	15.0	15.0	12.3	25.8	11.7	3.5	3.5	3.5	3.6	2.0

Date	Class 13-FD and Class 13-SD					Class 13-F, Class 13-S, Class 13-SA, Class 13-FC, Class 13-SC and Class 13-SE					Class 13-IO†				
	PSA Prepayment Assumption					PSA Prepayment Assumption					PSA Prepayment Assumption				
	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%	0%	95%	200%	275%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 1994	100	100	81	81	81	100	100	100	84	36	99	96	92	89	81
March 1995	100	100	57	57	23	100	100	100	65	0	99	90	81	75	58
March 1996	100	100	35	35	0	100	100	100	50	0	98	84	71	62	41
March 1997	100	100	19	19	0	100	100	100	40	0	97	78	62	51	28
March 1998	100	100	6	6	0	100	100	100	35	0	97	73	54	42	19
March 1999	100	100	0	0	0	100	100	98	30	0	96	68	47	35	13
March 2000	100	100	0	0	0	100	100	92	24	0	95	63	40	29	9
March 2001	100	100	0	0	0	100	100	89	23	0	94	59	35	24	6
March 2002	100	100	0	0	0	100	100	87	23	0	92	54	30	19	4
March 2003	100	100	0	0	0	100	100	83	23	0	91	50	26	16	3
March 2004	100	100	0	0	0	100	100	79	23	0	89	46	22	13	2
March 2005	100	100	0	0	0	100	100	74	23	0	88	43	19	11	1
March 2006	100	100	0	0	0	100	100	69	23	0	86	39	17	9	1
March 2007	100	95	0	0	0	100	100	65	23	0	84	36	14	7	1
March 2008	100	84	0	0	0	100	100	60	23	0	82	33	12	6	*
March 2009	100	72	0	0	0	100	100	56	23	0	79	30	10	5	*
March 2010	100	57	0	0	0	100	100	50	21	0	76	27	9	4	*
March 2011	100	40	0	0	0	100	100	41	17	0	73	24	7	3	*
March 2012	100	24	0	0	0	100	100	34	13	0	70	21	6	2	*
March 2013	100	9	0	0	0	100	100	28	10	0	66	19	5	2	*
March 2014	100	0	0	0	0	100	94	23	8	0	62	16	4	1	*
March 2015	100	0	0	0	0	100	80	18	6	0	58	14	3	1	*
March 2016	100	0	0	0	0	100	67	14	4	0	53	11	2	1	*
March 2017	100	0	0	0	0	100	54	11	3	0	47	9	2	1	*
March 2018	100	0	0	0	0	100	42	8	2	0	41	7	1	*	*
March 2019	100	0	0	0	0	100	31	5	1	0	35	5	1	*	*
March 2020	61	0	0	0	0	100	21	3	1	0	27	4	1	*	*
March 2021	11	0	0	0	0	100	11	2	*	0	19	2	*	*	*
March 2022	0	0	0	0	0	58	2	*	*	0	10	*	*	*	*
March 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	27.2	17.4	2.5	2.5	1.6	29.2	24.6	16.4	6.7	0.8	21.6	11.5	7.3	5.6	3.2

\* Indicates an amount above zero and less than 0.5% of the original principal balance is outstanding.  
\*\* The weighted average life of a REMIC Certificate is determined as specified under "Weighted Average Lives of the REMIC Certificates" herein.  
† In the case of the Class 13-IO REMIC Certificates, the Decrement Table indicates the percentages of original notional principal balance outstanding.

## **THE TRUST AGREEMENT**

The following summaries describe certain provisions of the Trust Agreement not otherwise summarized in this Prospectus. Certain capitalized terms in these summaries are used as defined in the Trust Agreement. These summaries do not purport to be complete and are subject to, and qualified in their entirety by reference to, the more complete provisions of the Trust Agreement.

### **Transfer of GNMA Certificates to the Lower Tier REMIC**

The GNMA Certificates transferred to the Lower Tier REMIC will be identified in a Fannie Mae Security Schedule appearing as an exhibit to the Trust Agreement. The GNMA Certificates will be held for the Holders of REMIC Certificates by Fannie Mae in its capacity as Trustee of the Lower Tier REMIC.

### **Distributions on GNMA Certificates; Deposits in the Certificate Account**

Fannie Mae will deposit or credit to an account (the "Certificate Account") an amount equal to the sum of the distributions of principal and interest on the GNMA Certificates in the Lower Tier REMIC as the same are received. Amounts credited to the Certificate Account as of a Distribution Date will be available to be distributed to Holders on such date to the extent of interest accrued on the REMIC Certificates and principal distributions reflected in the REMIC Trust Factors. Any reinvestment earnings on amounts so deposited will be used by Fannie Mae to pay the expenses of the Trust and will not be included in the calculation of amounts distributable to Certificateholders.

The Trust Agreement permits Fannie Mae as Trustee to maintain the Certificate Account either (i) as a trust account with an eligible depository institution (which account may contain other funds held by Fannie Mae in a trust capacity) or (ii) as part of Fannie Mae's general assets, with appropriate entries being made on its books and records designating the funds and investments credited to the Trust.

As noted above, Fannie Mae, as Trustee, has the option to maintain the Certificate Account as part of its general assets, by making appropriate entries on its books and records designating the funds and investments credited to the Trust. Although Fannie Mae is required to hold all such funds (and, upon deposit in the Certificate Account, the investments of such funds) for the account of Certificateholders in the Trust, the law applicable to a liquidation, reorganization or similar proceeding involving the assets of Fannie Mae is unclear and as a result no opinion can be rendered as to the status of Certificateholders' interest in such funds and investments in the event of any such proceeding.

### **Reports to Certificateholders**

As soon as practicable following the eleventh calendar day of the month in which each Distribution Date occurs, Fannie Mae will publish or otherwise make available the REMIC Trust Factor for each Class of REMIC Certificates after giving effect to the distribution of principal to be made on the following Distribution Date and any accretion of principal to be made on the Accrual Certificates on such Distribution Date. The certificate principal balance of a REMIC Certificate of any Class after giving effect to such principal distribution and such accretion will be the product of the applicable REMIC Trust Factor and the applicable denomination or initial certificate principal balance of such REMIC Certificate. With respect to each distribution on REMIC Certificates of each Class, Fannie Mae will cause to be forwarded to each Holder thereof a statement setting forth the total principal distributions on such Distribution Date with respect to the REMIC Certificates in each Class held by such Holder. Fannie Mae also will furnish to each person who was a Certificateholder at any time during a calendar year such statements and information as shall be required to be furnished pursuant to the Code.

Calculations with respect to amounts due to Certificateholders will be made by Fannie Mae or on its behalf by another entity retained specifically for that purpose. Fannie Mae intends initially to retain State Street to perform such calculations on behalf of Fannie Mae. For a description of the manner in which the Principal Distribution Amount for any Distribution Date will be calculated, see “Description of the REMIC Certificates—Distributions of Principal.”

### **Certain Matters Regarding Fannie Mae**

The Trust Agreement provides that Fannie Mae may not resign from its obligations and duties thereunder, except upon determination that those duties are no longer permissible under applicable law. No such resignation will become effective until a successor has assumed Fannie Mae’s obligations and duties under the Trust Agreement; provided, however, that no successor will succeed to Fannie Mae’s guaranty obligations described above. Fannie Mae will continue to be responsible under its guaranty notwithstanding any termination of its other duties and responsibilities under the Trust Agreement. See “Rights Upon Event of Default” below.

The Trust Agreement also provides that neither Fannie Mae nor any director, officer, employee, or agent of Fannie Mae will be under any liability to the Trust or to Certificateholders for any action taken, or for refraining from the taking of any action, in good faith pursuant to the Trust Agreement or for errors in judgment; provided, however, that neither Fannie Mae nor any such person will be protected against any liability that would otherwise be imposed by reason of willful misfeasance, bad faith or gross negligence or by reason of willful disregard of obligations and duties.

In addition, the Trust Agreement provides that Fannie Mae is not under any obligation to appear in, prosecute, or defend any legal action that is not incidental to its responsibilities under the Trust Agreement and that in its opinion may involve it in any expense or liability. Fannie Mae may, however, in its discretion, undertake any such legal action that it may deem necessary or desirable in the interests of the Certificateholders. In such event, the legal expenses and costs of such action will be expenses and costs of Fannie Mae that will be reimbursable to Fannie Mae out of the Trust to the extent funds are available in the Certificate Account after required distributions on the REMIC Certificates are made.

Any corporation into which Fannie Mae may be merged or consolidated, or any corporation resulting from any merger, conversion, or consolidation to which Fannie Mae is a party, or any corporation succeeding to the business of Fannie Mae, will be the successor of Fannie Mae under the terms of the Trust Agreement.

### **Events of Default**

Events of Default under the Trust Agreement will consist of (i) any failure by Fannie Mae to distribute to Holders of REMIC Certificates of any Class any required distribution that continues unremedied for 15 days after the giving of written notice of such failure to Fannie Mae by the Holders of REMIC Certificates representing certificate principal balances aggregating not less than five percent of the aggregate certificate principal balances of all REMIC Certificates of such Class; (ii) any failure by Fannie Mae duly to observe or perform in any material respect any other of its covenants or agreements in the Trust Agreement, which failure continues unremedied for 60 days after the giving of written notice of such failure to Fannie Mae by the Holders of REMIC Certificates of any Class representing certificate principal balances aggregating not less than 25 percent of the aggregate certificate principal balances of all of the REMIC Certificates of such Class; and (iii) certain events of insolvency, readjustment of debt, marshalling of assets and liabilities or similar proceedings and certain actions by or against Fannie Mae indicating its insolvency, reorganization or inability to pay its obligations.

## **Rights Upon Event of Default**

As long as an Event of Default under the Trust Agreement remains unremedied, the Holders of REMIC Certificates of any Class representing certificate principal balances aggregating not less than 25 percent of the aggregate of the certificate principal balances of all REMIC Certificates of such Class may, in writing, terminate all of the obligations and duties of Fannie Mae as Trustee and in its corporate capacity under the Trust Agreement (other than its guaranty obligations described above, which continue notwithstanding any such termination) and name and appoint, in writing, a successor to succeed to all such responsibilities, duties and obligations of Fannie Mae thereunder (other than Fannie Mae's guaranty obligations) and to the legal title to the GNMA Certificates held in the Lower Tier REMIC.

## **Amendment**

The Trust Agreement may be amended by Fannie Mae and the Trustee without the consent of or notice to any of the Certificateholders, for one or more of the following purposes: (i) to add to the covenants of Fannie Mae; (ii) to evidence the succession of another party or parties to Fannie Mae and the assumption by such successor or successors of the obligations of Fannie Mae thereunder in its corporate capacity or in its capacity as Trustee or in both such capacities; (iii) to eliminate any right reserved to or conferred upon Fannie Mae in its corporate capacity; (iv) to make provisions for the purpose of curing any ambiguity or correcting or supplementing any provision in the Trust Agreement, provided such provisions do not adversely affect the interest of any Certificateholder; or (v) to modify the Trust Agreement to maintain the qualification of the Trust and the Lower Tier REMIC as REMICs under the Code.

The Trust Agreement also may be amended by Fannie Mae with the consent of the Holders of REMIC Certificates of each Class representing certificate principal balances aggregating not less than 66 percent of the aggregate certificate principal balances of all REMIC Certificates of such Class so as to waive compliance by Fannie Mae with any terms of the Trust Agreement, or to allow Fannie Mae to eliminate, change, add to or modify the terms of the Trust Agreement. However, no such waiver or amendment may, without the consent of all Certificateholders, terminate or modify the guaranty obligations of Fannie Mae or reduce the percentages of the REMIC Certificates the Holders of which are required to consent to any waiver or amendments. In addition, no waiver or amendment shall, without the consent of each Certificateholder affected thereby, reduce in any manner the amount of, or delay the timing of, payments received on the GNMA Certificates or other assets in the Trust that are required to be distributed on any REMIC Certificate.

## **Termination**

The Trust will terminate upon the distribution to Certificateholders of all required distributions of the principal of the REMIC Certificates.

## **GNMA AND THE GNMA PROGRAMS**

### **GNMA**

The Government National Mortgage Association is a wholly-owned corporate instrumentality of the United States within the Department of Housing and Urban Development. Section 306(g) of Title III of the National Housing Act of 1934, as amended (the "Housing Act"), authorizes GNMA to guarantee the timely payment of the principal of, and interest on, certificates that are based on and backed by a pool of mortgage loans insured by the Federal Housing Administration ("FHA") under the Housing Act or Title V of the Housing Act of 1949, or partially guaranteed by the Department of Veterans Affairs ("VA") under the Servicemen's Readjustment Act of 1944, as amended, or Chapter 37 of Title 38, United States Code.

Section 306(g) of the Housing Act provides that “the full faith and credit of the United States is pledged to the payment of all amounts which may be required to be paid under any guaranty under this subsection.” To meet its obligations under such guaranties, GNMA is authorized, under Section 306(d) of the Housing Act, to borrow from the United States Treasury with no limitations as to amount.

## **GNMA Programs**

Each GNMA Certificate underlying the REMIC Certificates will be a “fully modified pass-through” mortgage-backed security issued and serviced by a mortgage banking company or other financial concern approved by GNMA as a seller-servicer of loans insured by the FHA and/or loans partially guaranteed by the VA. GNMA Certificates may be issued under either or both of the GNMA I program (“GNMA I Certificates”) and the GNMA II program (“GNMA II Certificates”). The holder of a GNMA Certificate has essentially the same rights with respect to a GNMA Certificate issued under either program. However, there are certain differences between the two programs.

Under the GNMA I program, monthly payments will be made directly by the GNMA issuer to the registered holder of the GNMA I Certificate by the 15th calendar day of each month. Under the GNMA I program an individual GNMA issuer assembles a pool of mortgage loans against which it issues and markets GNMA I Certificates. All mortgage loans underlying a particular GNMA I Certificate must have the same annual interest rate, and the pass-through rate on each GNMA I Certificate will be 0.5% per annum less than the annual interest rate on the mortgage loans included in the pool of mortgage loans backing such GNMA I Certificate.

Under the GNMA II program, monthly payments will be made to the registered holder of the GNMA II Certificate through Chemical Bank, as paying agent, no later than the 20th calendar day of each month. Under the GNMA II program multiple issuer pools may be formed through the aggregation of loan packages of more than one GNMA issuer. Under this option, packages submitted by various GNMA issuers for a particular issue date and pass-through rate are aggregated into a single pool which backs a single issue of GNMA II Certificates. Each GNMA II Certificate issued under a multiple issuer pool is backed by a proportionate interest in the entire pool rather than solely by the loan package contributed by any one GNMA issuer. Single issuer pools also may be formed under the GNMA II program. Mortgages underlying a particular GNMA II Certificate may have annual interest rates that vary from each other by up to 1%, and the pass-through rate on each GNMA II Certificate will be between 0.5% and 1.5% per annum less than the highest annual interest rate on any mortgage loan included in the pool of mortgage loans backing such GNMA II Certificate.

## **CERTAIN FEDERAL INCOME TAX CONSEQUENCES**

### **General**

The following is a discussion of the material anticipated federal income tax consequences to beneficial owners of the purchase, ownership and disposition of the REMIC Certificates offered hereby. The discussion is based upon laws, regulations, rulings and decisions now in effect, all of which are subject to change. The discussion below does not purport to deal with all federal tax consequences applicable to all categories of investors, some of which may be subject to special rules. Investors should consult their own tax advisors in determining the federal, state, local and any other tax consequences to them of the purchase, ownership and disposition of the REMIC Certificates.

On December 23, 1992, the Treasury Department issued regulations (the "Regulations") that provide some guidance regarding the federal income tax consequences associated with the purchase, ownership and disposition of the REMIC certificates. Generally, the Regulations apply to any REMIC the closing date of which is on or after November 12, 1991. While certain material provisions of the Regulations are discussed below, investors should consult their own tax advisors regarding the possible application of the Regulations in their specific circumstances.

## **REMIC Elections**

Elections will be made to treat the Lower Tier REMIC and the Trust as REMICs. Qualification as a REMIC requires ongoing compliance with certain conditions. With respect to the REMIC Certificates, Dewey Ballantine, special tax counsel to Fannie Mae, will deliver its opinion to Fannie Mae that, assuming compliance with the Trust Agreement, the Lower Tier REMIC and the Trust each will be treated as a REMIC for federal income tax purposes. The REMIC Certificates, other than the Class 13-R and Class 13-RL REMIC Certificates, will be designated as the "regular interests," and the Class 13-R REMIC Certificate will be designated as the "residual interest," in the REMIC constituted by the Trust. The Lower Tier Regular Interests will be designated as the "regular interests," and the Class 13-RL REMIC Certificate will be designated as the "residual interest," in the Lower Tier REMIC. The Class 13-R and Class 13-RL REMIC Certificates will be referred to as "Residual Certificates" and the remaining REMIC Certificates will be referred to as "Regular Certificates."

Neither the Lower Tier REMIC nor the Trust will be subject to federal income tax except with respect to income from prohibited transactions and in certain other instances described below. See "Taxes on a REMIC Trust" below. Generally, the total income of the GNMA Certificates in the Lower Tier REMIC, and the total income of the Lower Tier Regular Interests held by the Trust, will be taxable to the beneficial owners of the REMIC Certificates, as described below.

## **Taxation of Beneficial Owners of Regular Certificates**

Except as indicated below in this federal income tax discussion, the Regular Certificates will be treated for federal income tax purposes as debt instruments issued by the Trust on the date such Certificates are first sold to the public (the "Closing Date") and not as ownership interests in the Trust or its assets. Beneficial owners of Regular Certificates ("Regular Owners") that otherwise report income under a cash method of accounting will be required to report income with respect to such Certificates under an accrual method.

### *Original Issue Discount*

The Class 13-SB, Class 13-J, Class 13-SD, Class 13-S, Class 13-SC and Class 13-IO REMIC Certificates will be, and certain other Classes of Regular Certificates may be, issued with "original issue discount" within the meaning of section 1273(a) of the Code. Owners of Regular Certificates should be aware that for federal income tax purposes they must include in gross income original issue discount as it accrues under a method that takes account of the compounding of interest, generally in advance of receipt of the cash attributable to such income. Fannie Mae will supply, at the time and in the manner required by the IRS, to Holders of Regular Certificates, brokers and middlemen information with respect to the original issue discount accruing on such Certificates.

In general, a Regular Certificate will be considered to be issued with original issue discount equal to the excess, if any, of its "stated redemption price at maturity" over its "issue price." The

issue price of a Regular Certificate is the initial offering price to the public (excluding bond houses and brokers) at which a substantial amount of the Regular Certificates was sold. The issue price also includes any accrued interest attributable to the period between the beginning of the first Interest Accrual Period and the Closing Date. The stated redemption price at maturity of the Class 13-SB and Class 13-IO REMIC Certificates is equal to the sum of all distributions to be made under such Certificates. The stated redemption price at maturity of any other Regular Certificate is its stated principal amount, plus an amount equal to the excess (if any) of the interest payable on the first Distribution Date over the interest that accrues for the period from the Closing Date to the first Distribution Date.

Notwithstanding the general definition, original issue discount will be treated as zero in the case of a Regular Certificate if such discount is less than 0.25 percent of the stated redemption price at maturity of such Certificate multiplied by its weighted average life. The weighted average life of a Regular Certificate is apparently computed for this purpose as the sum, for all distributions included in the stated redemption price at maturity of the Certificate, of the amounts determined by multiplying (i) the number of complete years (rounding down for partial years) from the Closing Date until the date on which each such distribution is expected to be made under the assumption that the Mortgage Loans underlying the GNMA Certificates prepay at 200 percent PSA (the "Prepayment Assumption") by (ii) a fraction, the numerator of which is the amount of such distribution and the denominator of which is the Regular Certificate's stated redemption price at maturity. If original issue discount is treated as zero under this rule, the actual amount of original issue discount must be allocated to the principal distributions on the Regular Certificate and, when each such distribution is received, gain equal to the discount allocated to such distribution will be recognized.

Section 1272(a)(6) of the Code contains special original issue discount rules applicable to the Regular Certificates. Under these rules, (i) it is anticipated that the amount and rate of accrual of original issue discount on the Regular Certificates will be based on the (x) Prepayment Assumption and (y) in the case of a Regular Certificate calling for a variable rate of interest, an assumption that the value of the index upon which such variable rate is based remains the same over the entire life of such Certificate, and (ii) adjustments will be made in the amount of discount accruing in each taxable year in which the actual prepayment rate differs from the Prepayment Assumption.

Section 1272(a)(6)(B)(iii) of the Code requires that the prepayment assumption used to calculate original issue discount be determined in the manner prescribed in Treasury regulations. To date, no such regulations have been promulgated. The legislative history of this Code provision indicates that the regulations will provide that the assumed prepayment rate must be the rate used by the parties in pricing the particular transaction. The Prepayment Assumption for the Regular Certificates is consistent with this standard. Fannie Mae makes no representation, however, that the Mortgage Loans underlying the GNMA Certificates will prepay at the rate reflected in the Prepayment Assumption or at any other rate. Each investor must make its own decision as to the appropriate prepayment assumption to be used in deciding whether or not to purchase any of the REMIC Certificates.

Each Owner of a Regular Certificate must include in gross income the sum of the "daily portions" of original issue discount on its Regular Certificate for each day during its taxable year on which it held such Certificate. For this purpose, in the case of an original Owner, the daily portions of original issue discount will be determined as follows. A calculation will first be made of the portion of the original issue discount that accrued during each "accrual period." In general, an accrual period for tax purposes is not the same as an Interest Accrual Period but is a period that ends on a Distribution Date and begins on the day immediately following the preceding accrual period.

The portion of original issue discount treated as accruing for any accrual period will equal the excess, if any, of (i) the sum of (A) the present values of all of the distributions remaining to be made on the Regular Certificate, if any, as of the end of the accrual period and (B) the distribution made on such Certificate during the accrual period of amounts included in the stated redemption price at maturity, over (ii) the adjusted issue price of such Certificate at the beginning of the accrual period. The present value of the remaining distributions referred to in the preceding sentence will be calculated based on (i) the yield to maturity of the Regular Certificate, calculated as of the Closing Date, giving effect to the Prepayment Assumption, (ii) events (including actual prepayments) that have occurred prior to the end of the accrual period, (iii) the Prepayment Assumption and (iv) in the case of a Regular Certificate calling for a variable rate of interest, an assumption that the value of the index upon which such variable rate is based remains the same as its value on the Closing Date over the entire life of such Certificate. The adjusted issue price of a Regular Certificate at any time will equal the issue price of such Certificate, increased by the aggregate amount of previously accrued original issue discount with respect to such Certificate and reduced by the amount of any distributions made on such Certificate as of that time of amounts included in the stated redemption price at maturity. The original issue discount accruing during any accrual period will then be allocated ratably to each day during the period to determine the daily portion of original issue discount.

A subsequent purchaser of a Regular Certificate that purchases such Certificate at a cost less than its remaining stated redemption price at maturity also will be required to include in gross income for each day on which it holds such Certificate, the daily portion of original issue discount with respect to such Certificate (but reduced, if the cost of such Certificate to such purchaser exceeds its adjusted issue price, by an amount equal to the product of (i) such daily portion and (ii) a constant fraction, the numerator of which is such excess and the denominator of which is the sum of the daily portions of original issue discount on such Certificate for all days on or after the day of purchase).

#### *Certificates Purchased at a Premium*

Certain Classes of Regular Certificates may be treated as having been issued at a premium for federal income tax purposes. A purchaser of a Regular Certificate that purchases such Certificate at a cost greater than its remaining stated redemption price at maturity will be considered to have purchased such Certificate (a "Premium Certificate") at a premium. Such a purchaser need not include in income any remaining original issue discount and may elect, under section 171(c)(2) of the Code, to treat such premium as "amortizable bond premium." If a Regular Owner makes such an election, the amount of any interest payment that must be included in such Regular Owner's income for each period ending on a Distribution Date will be reduced by the portion of the premium allocable to such period based on the Premium Certificate's yield to maturity. The legislative history of the Tax Reform Act of 1986 states that such premium amortization should be made under principles analogous to those governing the accrual of market discount (as discussed below under "*Market Discount*"). If such election is made by the Regular Owner, the election will also apply to all bonds (as well as all REMIC regular interests) the interest on which is not excludible from gross income ("fully taxable bonds") held by the Regular Owner at the beginning of the first taxable year to which the election applies and to all such fully taxable bonds thereafter acquired by it, and is irrevocable without the consent of the IRS. If such an election is not made, (i) such a Regular Owner must include the full amount of each interest payment in income as it accrues, and (ii) the premium must be allocated to the principal distributions on the Premium Certificate and, when each such distribution is received, a loss equal to the premium allocated to such distribution will be recognized. Any tax benefit from the premium not previously recognized will be taken into account in computing gain or loss upon the sale or disposition of the Premium Certificate.

### *Market Discount*

An Owner that purchases a Regular Certificate at a market discount, that is, at a purchase price less than the remaining stated redemption price at maturity of such Certificate, or in the case of a Regular Certificate issued with original issue discount, less than the adjusted issue price of such Certificate, will be required to allocate each principal distribution first to accrued market discount on the Certificate, and to recognize ordinary income to the extent such distribution does not exceed the aggregate amount of accrued market discount on such Certificate that was not previously included in income. With respect to Regular Certificates that have unaccrued original issue discount, such market discount must be included in income in addition to original issue discount includible under the rules described above under “*Original Issue Discount.*” An Owner that incurs or continues indebtedness to acquire a Regular Certificate at a market discount may also be required to defer the deduction of all or a portion of the interest on such indebtedness until the corresponding amount of market discount is included in income. In general terms, market discount on a Regular Certificate may be treated as accruing either (i) under a constant yield method, taking into account the Prepayment Assumption, or (ii) in proportion to remaining accruals of original issue discount, if any, or if none, in proportion to remaining distributions of interest on the Regular Certificate. Fannie Mae will make available, as required by the IRS, to Holders of Regular Certificates information necessary to compute the accrual of market discount under the second of these two methods.

Notwithstanding the above rules, market discount on a Regular Certificate will be considered to be zero if such discount is less than 0.25 percent of the remaining stated redemption price at maturity of such Certificate multiplied by its weighted average remaining life. Weighted average remaining life presumably would be calculated in a manner similar to weighted average life, taking into account payments (including prepayments) prior to the date of acquisition of the Regular Certificate by the subsequent purchaser. If market discount on a Regular Certificate is treated as zero under this rule, the actual amount of market discount must be allocated to the remaining principal distributions on the Regular Certificate and, when each such distribution is received, gain equal to the discount allocated to such distribution will be recognized.

## **Taxation of Beneficial Owners of Residual Certificates**

### *Daily Portions*

Except as indicated below, a beneficial owner of a Residual Certificate (a “Residual Owner”) for a REMIC trust generally will be required to report its daily portion of the taxable income or net loss of the REMIC trust for each day during a calendar quarter that the Residual Owner owned such Residual Certificate. For this purpose, the daily portion shall be determined by allocating to each day in the calendar quarter its ratable portion of the taxable income or net loss of the REMIC trust for such quarter and by allocating the amount so allocated among the Residual Owners (on such day) in accordance with their percentage interests on such day. Any amount included in the gross income or allowed as a loss of any Residual Owner by virtue of this paragraph will be treated as ordinary income or loss.

The requirement that each Residual Owner report its daily portion of the taxable income or net loss of a REMIC trust will continue until there are no regular interests outstanding, even though the Residual Owner may have received full payment of its stated interest and principal.

### *Taxable Income or Net Loss of a REMIC Trust*

The taxable income or net loss of a REMIC trust will be the income from the “qualified mortgages” it holds and any reinvestment earnings less deductions allowed to the REMIC trust. In

the case of the Trust, the qualified mortgages are the Lower Tier Regular Interests. In the case of the Lower Tier REMIC, the qualified mortgages are the GNMA Certificates. Such taxable income or net loss for a given calendar quarter will be determined in the same manner as for an individual having the calendar year as his taxable year and using the accrual method of accounting, with certain modifications. The first modification is that a deduction will be allowed for accruals of interest (including any original issue discount, but without regard to the investment interest limitation in section 163(d) of the Code) on the regular interests in a REMIC trust (but not the residual interest in the trust), even though regular interests are, for non-tax purposes, certificates of beneficial ownership rather than indebtedness of the trust. Second, market discount or premium equal to the difference between the total stated principal balance of the qualified mortgages and the basis to the REMIC trust therein generally will be included in income (in the case of discount) or deductible (in the case of premium) by the REMIC trust as it accrues under a constant yield method, taking into account the Prepayment Assumption. The basis to the REMIC trust in the qualified mortgages is the aggregate of the issue prices of all the regular and residual certificates in the REMIC trust on the Closing Date. If, however, a substantial amount of a class of regular or residual certificates has not been sold to the public, then the fair market value of all the regular or residual certificates in that class as of the date of this Prospectus should be substituted for the issue price. Third, no item of income, gain, loss or deduction allocable to a prohibited transaction (see “Taxes on a REMIC Trust—*Prohibited Transactions*” below) will be taken into account. Fourth, a REMIC trust generally may not deduct any item that would not be allowed in calculating the taxable income of a partnership by virtue of section 703(a)(2) of the Code. Finally, the limitation on miscellaneous itemized deductions imposed on individuals by section 67 of the Code will not be applied at the REMIC trust level to any administrative fees, such as servicing and guaranty fees. (See, however, “*Pass-Through of Servicing and Guaranty Fees to Individuals*” below.) In addition, under the Regulations, any expenses that are incurred in connection with the formation of a REMIC trust and the issuance of Regular and Residual Certificates are not treated as expenses of the REMIC trust for which a deduction is allowed. Moreover, the Regulations provide that a REMIC trust is not allowed a deduction for expenses and interest allocable to tax-exempt income, as determined under section 265(b)(2) of the Code without regard to section 265(b)(3) of the Code. If the deductions allowed to a REMIC trust exceed its gross income for a calendar quarter, such excess will be the net loss for the REMIC trust for that calendar quarter. The Regulations also provide that any gain or loss to a REMIC trust from the disposition of any asset, including a qualified mortgage or “permitted investment” (as defined in section 860G(a)(5) of the Code) will be treated as ordinary gain or loss.

A Residual Owner may be required to recognize taxable income for a given period without being entitled to receive a corresponding amount of cash. This will occur if the accrual of original issue discount on the qualified mortgages in a REMIC trust for that period exceeds the REMIC trust’s deduction for accrued original issue discount on the regular interests in the trust by an amount that exceeds the principal distribution on the residual interest in the trust for that period. Taxable income may also be greater in earlier years as a result of the fact that interest expense deductions, expressed as a percentage of the outstanding principal amount of the regular interests in a REMIC trust, may increase over time as the earlier classes of regular interests are paid, whereas interest income with respect to any given Mortgage Loan underlying a GNMA Certificate, expressed as a percentage of the outstanding principal amount of that Mortgage Loan, will remain constant over time.

Under the proposed IRS regulations relating to original issue discount, the Lower Tier Regular Interests would be treated as a single debt instrument for original issue discount purposes because they were issued to the Trust in a single transaction. Although there can be no assurance that final regulations will apply this aggregation rule to the Lower Tier Regular Interests, Fannie Mae intends to calculate the taxable income (or net loss) of the Trust and of the Lower Tier REMIC

(and to report to the Class 13-R and Class 13-RL Certificateholders) by treating the Lower Tier Regular Interests as a single debt instrument. A failure of the Lower Tier Regular Interests to qualify as a single debt instrument for original issue discount purposes could have a material adverse impact on the beneficial owner of the Class 13-RL REMIC Certificate.

#### *Basis Rules and Distributions*

A Residual Owner has an initial basis in its Residual Certificate equal to the amount paid for such Residual Certificate. Such basis is increased by amounts included in the income of the Residual Owner and decreased by distributions and by any net loss taken into account with respect to such Residual Certificate. A distribution on a Residual Certificate to a Residual Owner is not included in gross income to the extent it does not exceed such Residual Owner's basis in the Residual Certificate (adjusted as described above) and, to the extent it exceeds the adjusted basis of the Residual Certificate, shall be treated as gain from the sale of the Residual Certificate.

A Residual Owner is not allowed to take into account any net loss for any calendar quarter to the extent such net loss exceeds such Residual Owner's adjusted basis in its Residual Certificate as of the close of such calendar quarter (determined without regard to such net loss). Any loss disallowed by reason of this limitation may be carried forward indefinitely to future calendar quarters and, subject to the same limitation, may be used only to offset income from the Residual Certificate.

#### *Excess Inclusions*

Any "excess inclusions" with respect to a Residual Certificate are subject to certain special tax rules. With respect to a Residual Owner, the excess inclusion for any calendar quarter is defined as the excess (if any) of the daily portions of taxable income over the sum of the "daily accruals" for each day during such quarter that such Residual Certificate was held by such Residual Owner. The daily accruals are determined by allocating to each day during a calendar quarter its ratable portion of the product of the "adjusted issue price" of the Residual Certificate at the beginning of the calendar quarter and 120 percent of the "federal long-term rate" in effect on the Closing Date, based on quarterly compounding, and properly adjusted for the length of such quarter. For this purpose, the adjusted issue price of a Residual Certificate as of the beginning of any calendar quarter is equal to the issue price of the Residual Certificate, increased by the amount of daily accruals for all prior quarters and decreased by any distributions made with respect to such Residual Certificate before the beginning of such quarter. The issue price of a Residual Certificate is the initial offering price to the public (excluding bond houses and brokers) at which a substantial amount of the Residual Certificates was sold. The federal long-term rate is a blend of current yields on Treasury securities having a maturity of more than nine years, computed and published monthly by the IRS. With respect to the REMIC Certificates, the federal long-term rate based on quarterly compounding that will be in effect on the Closing Date will be published on or about February 20, 1993.

For Residual Owners that are organizations to which section 593 of the Code applies, income from a Residual Certificate generally may be offset by losses from other activities. Under the Regulations, such an organization is treated as having applied its allowable deductions for the year first to offset income that is not an excess inclusion and then to offset that portion of its income that is an excess inclusion. For other Residual Owners, any excess inclusions cannot be offset by losses from other activities. For Residual Owners that are subject to tax only on unrelated business taxable income (as defined in section 511 of the Code), an excess inclusion of such Residual Owner is treated as unrelated business taxable income. With respect to variable contracts (within the meaning of section 817 of the Code), a life insurance company cannot adjust its reserve to the extent of any excess inclusion, except as provided in regulations. The Regulations indicate that if a

Residual Owner is a member of an affiliated group filing a consolidated income tax return, the taxable income of the affiliated group cannot be less than the sum of the excess inclusions attributable to all residual interests in REMICs held by members of the affiliated group. For a discussion of the effect of excess inclusions on certain foreign investors that own Residual Certificates, see “Foreign Investors—*Residual Certificates*” below.

The Regulations provide that an organization to which section 593 of the Code applies and which is the beneficial owner of the Class 13-R or Class 13-RL REMIC Certificate may not use its allowable deductions to offset any “excess inclusions” with respect to such Certificate if such Certificate does not have “significant value.” For this purpose, the Class 13-R REMIC Certificate would have significant value under the Regulations if (i) its issue price would be at least 2% of the aggregate of the issue prices of all the REMIC Certificates (other than the Class 13-RL REMIC Certificate) and (ii) its “anticipated weighted average life” would be at least 20% of the “anticipated weighted average life” of the Trust. Similarly, the Class 13-RL REMIC Certificate would have significant value if (i) its issue price would be at least 2% of the aggregate of the issue prices of the Lower Tier Interests and (ii) its anticipated weighted average life would be at least 20% of the anticipated weighted average life of the Lower Tier REMIC. The Class 13-R and Class 13-RL REMIC Certificates will not satisfy either requirement discussed above. Thus, under the Regulations, neither the Class 13-R nor the Class 13-RL REMIC Certificate will have significant value, the result of which will be to prevent an organization to which section 593 of the Code applies and which is the beneficial owner of the Class 13-R or Class 13-RL REMIC Certificate from using its allowable deductions to offset any excess inclusions with respect to such Certificate.

In determining whether the Class 13-R or Class 13-RL REMIC Certificate has significant value, the anticipated weighted average lives of such Certificates are based on the Prepayment Assumption and are determined as described in “Description of the REMIC Certificates—Weighted Average Lives of the REMIC Certificates” herein, except that all anticipated payments on either Certificate are taken into account, regardless of their designation as principal or interest. The anticipated weighted average life of the Trust is the weighted average of the anticipated weighted average lives of the REMIC Certificates (other than the Class 13-RL REMIC Certificate). Similarly, the anticipated weighted average life of the Lower Tier REMIC is the weighted average of the anticipated weighted average lives of the Lower Tier Interests. Each such weighted average is determined under the formula described in “Description of the REMIC Certificates—Weighted Average Lives of the REMIC Certificates” herein, with two distinctions. First, the formula is applied by treating all payments taken into account in computing the anticipated weighted average lives of the regular and residual interests in the Trust or the Lower Tier REMIC as principal payments on a single Regular Certificate. Second, for any residual interest or for a regular interest that is an interest only Class or on which the interest payments are disproportionately high relative to its specified principal amount (*i.e.*, the issue price of the regular interest is greater than 125% of the specified principal amount), all anticipated payments on that residual or regular interest, regardless of their designation as principal or interest, are taken into account in computing the anticipated weighted average life of the interest.

The Treasury Department also has the authority to issue regulations that would treat all taxable income of the Trust (or the Lower Tier REMIC) as excess inclusions if the Class 13-R (or Class 13-RL) REMIC Certificate does not have “significant value.” The Conference Report issued in connection with the Tax Reform Act of 1986 states that Treasury regulations should take into account the value of the residual interest relative to the aggregate value of all the regular and residual interests in the REMIC trust and that the value of the residual interest would be considered “significant” in cases where such value is at least 2% of the combined value of the regular and residual interests in the REMIC trust. Although the Treasury Department did not exercise this authority in the Regulations, future regulations may contain such a rule. If such a

rule were adopted, it is unclear whether the test for “significant value” that is contained in the Regulations and discussed in the two preceding paragraphs would be applicable. If no such rule is applicable, excess inclusions should be calculated as discussed above. The determination of the amount of excess inclusions with respect to the Residual Certificates, as described above, may affect Residual Owners for certain other tax purposes, as described below. See “Foreign Investors—*Residual Certificates*” below. The federal income tax consequences of any consideration paid to a transferee on the transfer of any Class 13-R or Class 13-RL REMIC Certificate are unclear; any transferee receiving such consideration should consult its own tax advisors.

In the case of any Residual Certificate that is held by a real estate investment trust, the aggregate excess inclusions with respect to such Residual Certificate reduced (but not below zero) by the real estate investment trust taxable income (within the meaning of section 857(b)(2) of the Code, excluding any net capital gain) will be allocated among the shareholders of such trust in proportion to the dividends received by such shareholders from such trust, and any amount so allocated will be treated as an excess inclusion with respect to a Residual Certificate as if held directly by such shareholder. Similar rules will apply in the case of regulated investment companies, common trust funds and certain cooperatives that hold a Residual Certificate.

#### *Pass-Through of Servicing and Guaranty Fees to Individuals*

A Residual Owner who is an individual will be required to include in income a share of the administrative fees of a REMIC trust. A deduction for such fees will be allowed to such Owner only to the extent that such fees, along with certain of such Owner’s other miscellaneous itemized deductions exceed 2% of such Owner’s adjusted gross income. In addition, a Residual Owner may not be able to deduct any portion of such fees in computing such Residual Owner’s alternative minimum tax liability. A Residual Owner’s share of such fees will generally be determined by (i) allocating the amount of such expenses for each calendar quarter on a pro rata basis to each day in the calendar quarter, and (ii) allocating the daily amount among the Owners in proportion to their respective holdings on such day.

### **Special Tax Attributes**

Regular and Residual Certificates will be “regular or residual interests in a REMIC” within the meaning of section 7701(a)(19)(C)(xi) of the Code, “qualifying real property loans” within the meaning of section 593(d) of the Code and “real estate assets” within the meaning of section 856(c)(5)(A) of the Code. If at any time during a calendar year qualified mortgages represent less than 95 percent of the assets of a REMIC trust, then the portion of the Regular and Residual Certificates that are qualifying assets under those sections during such calendar year may be limited to the portion of the assets of such trust represented by the qualified mortgages. Similarly, income on the Regular and Residual Certificates will be treated as “interest on obligations secured by mortgages on real property” within the meaning of section 856(c)(3)(B) of the Code, subject to the same limitation as set forth in the preceding sentence. Regular and Residual Certificates held by a financial institution to which section 585, 586 or 593 of the Code applies will be treated as evidences of indebtedness for purposes of section 582(c)(1) of the Code. Regular Certificates will also be “qualified mortgages” within the meaning of section 860G(a)(3) of the Code with respect to other REMICs.

### **Taxes on a REMIC Trust**

#### *Prohibited Transactions*

The Code imposes a tax on a REMIC equal to 100 percent of the net income derived from “prohibited transactions.” In general, a prohibited transaction means the disposition of all or a portion of the qualified mortgages in a REMIC trust other than pursuant to certain specified exceptions, the receipt of investment income from a source other than the qualified mortgages or certain other permitted investments, the receipt of compensation for services, or the disposition of

an asset purchased with the payments on the qualified mortgages for temporary investment pending distribution on the regular and residual interests in a REMIC trust.

#### *Contributions to a REMIC after the Startup Day*

The Code imposes a tax on a REMIC equal to 100 percent of the value of any property contributed to the REMIC after the “startup day” (generally the same as the Closing Date). Exceptions are provided for cash contributions to a REMIC (i) during the three month period beginning on the startup day, (ii) made to a qualified reserve fund by a Residual Certificateholder, (iii) in the nature of a guarantee, (iv) made to facilitate a qualified liquidation or clean-up call, and (v) as otherwise permitted by Treasury regulations.

#### *Net Income from Foreclosure Property*

The Code imposes a tax on a REMIC equal to the highest corporate rate on “net income from foreclosure property.” The terms “foreclosure property” (which includes property acquired by deed in lieu of foreclosure) and “net income from foreclosure property” are defined by reference to the rules applicable to real estate investment trusts. Generally, foreclosure property would be treated as such for a period of two years, with possible extensions. Net income from foreclosure property generally means gain from the sale of foreclosure property that is inventory property and gross income from foreclosure property other than qualifying rents and other qualifying income for a real estate investment trust.

#### *Application to the REMIC Trusts*

It is not anticipated that the Trust or Lower Tier REMIC will engage in any transactions that will give rise to a tax on the Trust or Lower Tier REMIC. In any event, pursuant to its guaranty obligations, Fannie Mae will make distributions on Regular Certificates and Residual Certificates without offset or deduction for any tax imposed on the Trust or Lower Tier REMIC.

### **Sales of Certificates**

#### *In General*

Except as provided below, if a Regular or Residual Certificate is sold, the seller will recognize gain or loss equal to the difference between the amount realized in the sale and its adjusted basis in the Certificate. The adjusted basis of a Regular Certificate generally will equal the cost of such Certificate to the seller, increased by any original issue discount or market discount included in the seller’s gross income with respect to such Certificate and reduced by distributions on such Certificate previously received by the seller of amounts included in the stated redemption price at maturity. The adjusted basis of a Residual Certificate is determined as described above under “Taxation of Beneficial Owners of Residual Certificates—*Basis Rules and Distributions.*” Except as provided in the following paragraph or under section 582(c) of the Code, any such gain or loss will be capital gain or loss, provided such Certificate is held as a “capital asset” (generally, property held for investment) within the meaning of section 1221 of the Code.

Gain from the sale of a Regular Certificate that might otherwise be capital gain will be treated as ordinary income to the extent that such gain does not exceed the excess, if any, of (i) the amount that would have been includible in the income of the Regular Owner had income accrued at a rate equal to 110 percent of the “applicable Federal rate” (generally, an average of current yields on Treasury securities) as of the date of purchase over (ii) the amount actually includible in such Regular Owner’s income. In addition, gain recognized on such a sale by a Regular Owner who purchased a Regular Certificate at a market discount would also be taxable as ordinary income in an amount not exceeding the portion of such discount that accrued during the period such Certificate was held by such Regular Owner, reduced by any market discount includible in income

under the rules described above under “Taxation of Beneficial Owners of Regular Certificates—*Market Discount.*”

If a Residual Owner sells its Residual Certificate at a loss, the loss will not be recognized if, within six months before or after the sale of the Residual Certificate, such Residual Owner purchases another residual interest in any REMIC or any interest in a taxable mortgage pool (as defined in section 7701(i) of the Code) comparable to a residual interest in a REMIC. Such disallowed loss would be allowed upon the sale of the other residual interest (or comparable interest) if the rule referred to in the preceding sentence does not apply to that sale. While this rule may be modified by Treasury regulations, no such regulations have yet been published.

Certain restrictions affecting the transfer of Residual Certificates are discussed above under the heading “Description of the REMIC Certificates—Characteristics of the Class 13-R and Class 13-RL REMIC Certificates.”

#### *Residual Certificates Transferred to or Held by Disqualified Organizations*

Section 860E(e) of the Code imposes a substantial tax, payable by the transferor (or, if a transfer is through a broker, nominee, or other middleman as the transferee’s agent, payable by that agent) upon any transfer of a Residual Certificate to a “disqualified organization” and upon a pass-through entity (including regulated investment companies, real estate investment trusts, common trust funds, partnerships, trusts, estates, certain cooperatives, and nominees) that owns a Residual Certificate if such pass-through entity has a disqualified organization as a record holder. For purposes of the preceding sentence, a transfer includes any transfer of record or beneficial ownership, whether pursuant to a purchase, a default under a secured lending agreement or otherwise. The term “disqualified organization” is defined herein under “Description of the REMIC Certificates—Characteristics of the Class 13-R and Class 13-RL REMIC Certificates.”

A transferor of a Residual Certificate (or an agent of a transferee of a Residual Certificate, as the case may be) will be relieved of such tax liability if (i) the transferee furnishes to the transferor (or the transferee’s agent) an affidavit that the transferee is not a disqualified organization, and (ii) the transferor (or the transferee’s agent) does not have actual knowledge that the affidavit is false at the time of the transfer. Similarly, no such tax will be imposed on a pass-through entity for a period with respect to an interest therein owned by a disqualified organization if (i) the record holder of such interest furnishes to the pass-through entity an affidavit that it is not a disqualified organization, and (ii) during such period, the pass-through entity has no actual knowledge that the affidavit is false.

#### **Termination**

In general, no special tax consequences will apply to a Regular Owner upon the termination of a REMIC trust by virtue of the final payment of principal of the qualified mortgages held by the REMIC trust. If a Residual Owner’s adjusted basis in its Residual Certificate at the time such termination occurs exceeds the amount of cash distributed to such Residual Owner in liquidation of its interest, then, although the matter is not entirely free from doubt, it would appear that the Residual Owner is entitled to a loss equal to the amount of such excess.

#### **Reporting and Other Administrative Matters**

For purposes of the administrative provisions of the Code, each REMIC trust will be treated as a partnership and the Residual Owners will be treated as partners in the respective trust. Fannie Mae will prepare, sign and file federal income tax returns for each REMIC trust, which returns are subject to audit by the IRS. Moreover, within a reasonable time after the end of each calendar

year, Fannie Mae will furnish to each Holder that received a distribution during such year a statement setting forth the portions of any such distributions that constitute interest distributions, original issue discount and such other information as is required by Treasury regulations and, with respect to Holders of Residual Certificates, information necessary to compute the daily portions of the taxable income (or net loss) of each REMIC trust for each day during such year. Fannie Mae will also act as the tax matters partner for each REMIC trust, either in its capacity as an Owner of a Residual Certificate or in a fiduciary capacity. Each Residual Owner, by the acceptance of its Residual Certificate, agrees that Fannie Mae will act as its fiduciary in the performance of any duties required of it in the event that it is the tax matters partner.

Each Residual Owner is required to treat items on its return consistently with the treatment on the return of each REMIC trust in which it holds an interest, unless the Residual Owner either files a statement identifying the inconsistency or establishes that the inconsistency resulted from incorrect information received from the trust. The IRS may assert a deficiency resulting from a failure to comply with the consistency requirement without instituting an administrative proceeding at the trust level. Fannie Mae does not intend to register either REMIC trust as a tax shelter pursuant to section 6111 of the Code.

### **Backup Withholding**

Distributions of interest and principal, as well as distributions of proceeds from the sale of Regular and Residual Certificates, may be subject to the “back-up withholding tax” under section 3406 of the Code at a rate of 31 percent if recipients of such distributions fail to furnish to the payor certain information, including their taxpayer identification numbers, or otherwise fail to establish an exemption from such tax. Any amounts deducted and withheld from a distribution to a recipient would be allowed as a credit against such recipient’s federal income tax. Furthermore, certain penalties may be imposed by the IRS on a recipient of distributions that is required to supply information but that does not do so in the proper manner.

### **Foreign Investors**

#### *Regular Certificates*

Distributions made on a Regular Certificate to, or on behalf of, a Regular Owner that is not a U.S. Person (a “Non-U.S. Person”) generally will be exempt from U.S. federal income and withholding taxes, provided (a) the Regular Owner is not subject to U.S. tax as a result of a connection to the United States other than ownership of the Certificate, (b) the Regular Owner signs a statement under penalties of perjury that certifies that such Regular Owner is a Non-U.S. Person, and provides the name and address of such Regular Owner, and (c) the last U.S. Person in the chain of payment to the Regular Owner receives such statement from such Regular Owner or a financial institution holding on its behalf and does not have actual knowledge that such statement is false. Regular Owners should be aware that the IRS might take the position that this exemption does not apply to a Regular Owner that also owns 10 percent or more of the Residual Certificates or of the voting stock of Fannie Mae, or to a Regular Owner that is a “controlled foreign corporation” described in section 881(c)(3)(C) of the Code.

“U.S. Person” means a citizen or resident of the United States, a corporation, partnership or other entity created or organized in or under the laws of the United States or any political subdivision thereof, or an estate or trust that is subject to U.S. federal income tax regardless of the source of its income.

#### *Residual Certificates*

Amounts distributed to a Residual Owner that is a Non-U.S. Person generally will be treated as interest for purposes of applying the 30 percent (or lower treaty rate) withholding tax on Non-

U.S. Persons with respect to income on its Residual Certificate that is not effectively connected with a U.S. trade or business. The Treasury Department has adopted temporary regulations that clarify that amounts distributed on the Class 13-R REMIC Certificate that do not constitute an excess inclusion will qualify as “portfolio interest” within the meaning of section 871(h) of the Code, subject to the conditions described above under “Foreign Investors—*Regular Certificates.*” The regulations further clarify that such distributions on the Class 13-RL REMIC Certificate also will qualify, subject to the same conditions, as “portfolio interest,” but only to the extent that the Mortgage Loans were issued after July 18, 1984. The portion of any such distribution that does not constitute an “excess inclusion” will be exempt from the 30 percent (or lower treaty rate) withholding tax. In no case will any portion of the taxable income of a REMIC trust that constitutes an excess inclusion be entitled to any exemption from the withholding tax or a reduced treaty rate for withholding. See “Taxation of Beneficial Owners of Residual Certificates—*Excess Inclusions.*”

### **ERISA CONSIDERATIONS**

The Department of Labor issued a final regulation on November 13, 1986, which provides that in the case where an employee benefit plan (“plan”) subject to the Employee Retirement Income Security Act of 1974 (“ERISA”) acquires a “guaranteed governmental mortgage pool certificate” then, for purposes of the fiduciary responsibility provisions of ERISA and the prohibited transaction provisions of the Code, the plan’s assets include the certificate and all of its rights with respect to such certificate under applicable law, but do not, solely by reason of the plan’s holding of such certificate, include any of the mortgages underlying such certificate. Under the regulation, the term “guaranteed governmental mortgage pool certificate” is specifically defined to include a certificate “backed by, or evidencing an interest in specified mortgages or participation interests therein” and with respect to which interest and principal payable pursuant to the certificate are guaranteed by Fannie Mae. The effect of such regulations is to make clear that the sponsor (that is, the entity that organizes and services the trust, in this case Fannie Mae), the trustee, and other persons, in providing services with respect to the assets in the trust, would not be subject to the fiduciary responsibility provisions of Title I of ERISA, nor be subject to the prohibited transaction provisions of Section 4975 of the Code, merely by reason of the plan’s investment in a certificate. At the time this Labor Department regulation was originally issued, certificates similar to the REMIC Certificates were not in existence. However, Fannie Mae has been advised by its counsel, Brown & Wood, that the REMIC Certificates should qualify as “guaranteed governmental mortgage pool certificates,” and thus the acquisition and holding of the REMIC Certificates by plans should not be prohibited either by ERISA or related provisions of the Code.

### **LEGAL INVESTMENT CONSIDERATIONS**

Institutions whose investment activities are subject to legal investment laws and regulations or to review by certain regulatory authorities may be subject to restrictions on investment in certain Classes of the REMIC Certificates. Any financial institution that is subject to the jurisdiction of the Comptroller of the Currency, the Board of Governors of the Federal Reserve System, the Federal Deposit Insurance Corporation, the Office of Thrift Supervision, the National Credit Union Administration or other federal or state agencies with similar authority should review any applicable rules, guidelines and regulations prior to purchasing the REMIC Certificates. Financial institutions should review and consider the applicability of the Federal Financial Institutions Examination Council Supervisory Policy Statement on Securities Activities (to the extent adopted by their respective federal regulators), which, among other things, sets forth guidelines for investing in certain types of mortgage related securities, including securities such as the REMIC Certificates. In addition, financial institutions should consult their regulators

concerning the risk-based capital treatment of any REMIC Certificate. Investors should consult their own legal advisors in determining whether and to what extent the REMIC Certificates constitute legal investments or are subject to restrictions on investment.

The REMIC Certificates will be “securities issued or guaranteed by . . . the Federal National Mortgage Association” within the meaning of the Secondary Mortgage Market Enhancement Act of 1984. Accordingly, subject to general considerations governing investment practices and as noted above, investors whose investments are governed by state law may purchase, hold or invest in the REMIC Certificates to the same extent that they are authorized to invest in obligations issued or guaranteed as to principal and interest by the United States or any agency or instrumentality thereof. In addition, many entities whose investments are governed by federal law (including national banks, federal savings and loan associations, federal savings banks and federal credit unions) are specifically authorized to purchase, hold and invest in Fannie Mae’s Guaranteed Mortgage Pass-Through Certificates. Subject to general considerations governing investment practices and to the matters noted above, the REMIC Certificates will be treated identically for such purposes for such entities.

### **MARGINABILITY**

The REMIC Certificates are “exempted securities” for purposes of the margin rules of the Board of Governors of the Federal Reserve System and the New York Stock Exchange. Such rules do not, however, specify the collateral value which participants in particular transactions will accord any Class of REMIC Certificates.

### **PLAN OF DISTRIBUTION**

*General.* Kidder, Peabody proposes to offer the REMIC Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. Kidder, Peabody may effect such transactions to or through dealers and such dealers may receive compensation in the form of discounts, concessions or commissions from any purchaser of such REMIC Certificates, for whom they may act as agents.

*Increase in REMIC Certificates.* Fannie Mae and Kidder, Peabody may agree to offer hereby REMIC Certificates in addition to those contemplated as of the date hereof. In such event, the GNMA Certificates will be increased in principal amount, but it is expected that all additional GNMA Certificates will have the same characteristics as described herein under “Description of the REMIC Certificates—The GNMA Certificates.” The proportion that the original principal balance of each Class of REMIC Certificates bears to the aggregate original principal balance of all the REMIC Certificates will remain the same. The dollar amounts reflected in the Principal Balance Schedules will be increased in pro rata amounts that correspond to the increase of the principal balance of the REMIC Certificates.

### **LEGAL MATTERS**

Any purchaser of the REMIC Certificates will be furnished upon request an opinion by the General Counsel or Deputy General Counsel of Fannie Mae as to the validity of the REMIC Certificates and the Trust Agreement.

Certain legal matters will be passed upon for Kidder, Peabody by Cleary, Gottlieb, Steen & Hamilton.

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No dealer, salesman or other person has been authorized to give any information or to make any representations in connection with this offering other than those contained in this Prospectus and, if given or made, such information or representations must not be relied upon as having been authorized. This Prospectus does not constitute an offer to sell or a solicitation of an offer to buy any of the REMIC Certificates offered hereby in any state to any person to whom it is unlawful to make such offer or solicitation in such state. The delivery of this Prospectus at any time does not imply that the information contained herein is correct as of any time subsequent to the date hereof.

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**Federal National  
Mortgage Association**



Guaranteed REMIC  
Pass-Through Certificates  
Fannie Mae REMIC Trust 1993-G13

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PROSPECTUS

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**TABLE OF CONTENTS**

	<u>Page</u>
Table of Contents . . . . .	3
Description of the REMIC Certificates . . . . .	4
The Trust Agreement . . . . .	30
GNMA and the GNMA Programs . . . . .	32
Certain Federal Income Tax Consequences . . . . .	33
ERISA Considerations . . . . .	45
Legal Investment Considerations . . . . .	45
Marginability . . . . .	46
Plan of Distribution . . . . .	46
Legal Matters . . . . .	46

**Kidder, Peabody & Co.**  
Incorporated

February 10, 1993

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