AG Mortgage Investment Trust, Inc.
Form 5
February 12, 2016

FORM 5

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).
Form 3 Holdings Reported
Form 4 Transactions Reported

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person [*] Lieberman Jonathan	2. Issuer Name **and** Ticker or Trading Symbol AG Mortgage Investment Trust, Inc. [MITT]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) (First) (Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2015	__X__ Director _____ 10% Owner __X__ Officer (give title _____ Other (specify below) below) President and CIO
C/O ANGELO, GORDON & CO., L.P.,Â 245 PARK AVENUE, 26TH FLOOR (Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Reporting (check applicable line)
NEW YORK,Â NYÂ 10167		_X_ Form Filed by One Reporting Person ___ Form Filed by More than One Reporting Person
(City) (State) (Zip)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Amount	(A) or (D)	Price	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	07/01/2015	Â	M4	9,166 (1)	A	$ 0 (2)	94,205 (3)	D	Â

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 D S (I
							Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
					(A)	(D)					
Restricted Stock Units	Â	07/01/2015	Â	M4	Â 9,166	Â [4]	Â [4]	Common Stock	9,166	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lieberman Jonathan C/O ANGELO, GORDON & CO., L.P. 245 PARK AVENUE, 26TH FLOOR NEW YORK,Â NYÂ 10167	Â X	Â	Â President and CIO	Â

Signatures

/s/ Raul E. Moreno, Attorney-in-fact for Jonathan Lieberman	02/12/2016
**Signature of Reporting Person	Date

Explanation of Responses:

*   If the form is filed by more than one reporting person, see Instruction 4(b)(v).

**   Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1)   On July 1, 2015, 9,166 restricted stock units vested in 9,166 shares of common stock of AG Mortgage Investment Trust, Inc. (the "Company").

(2)   Each restricted stock unit represents the right to receive one restricted share of common stock of the Company upon vesting of the unit. This transaction represents the settlement of vested restricted stock units in shares of common stock on their scheduled vesting date.

(3)   15,000 shares of common stock are owned jointly with the reporting person's spouse.

(4)   The restricted stock units vest in three annual installments beginning July 1, 2015, assuming Mr. Lieberman's continued employment with Angelo, Gordon & Co., L.P. on such vesting dates, as set forth in the applicable award agreement.

(5)   The reporting person forfeited 1,407 restricted stock units pursuant to an amended award agreement. All other provisions of the award agreement remained the same.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.