

Eagle Test Systems, Inc.
 Form 4
 March 15, 2007

FORM 4

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

OMB APPROVAL

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Foxman Leonard

(Last) (First) (Middle)

C/O EAGLE TEST SYSTEMS,
 INC., 2200 MILLBROOK DRIVE

(Street)

BUFFALO GROVE, IL 60089

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Eagle Test Systems, Inc. [EGLT]

3. Date of Earliest Transaction
 (Month/Day/Year)
 03/13/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	03/13/2007		S ⁽¹⁾	V 17 D	\$ 16.51	745,793	D
Common Stock	03/13/2007		S ⁽¹⁾	V 52 D	\$ 16.52	745,741	D
Common Stock	03/13/2007		S ⁽¹⁾	V 130 D	\$ 16.58	745,611	D
Common Stock	03/13/2007		S ⁽¹⁾	V 48 D	\$ 16.6	745,563	D
Common Stock	03/13/2007		S ⁽¹⁾	V 282 D	\$ 16.61	745,281	D

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Common Stock	03/13/2007	<u>S⁽¹⁾</u>	104	D	\$ 16.63	745,177	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	71	D	\$ 16.65	745,106	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	91	D	\$ 16.66	745,015	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	14	D	\$ 16.67	745,001	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	88	D	\$ 16.68	744,913	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	18	D	\$ 16.69	744,895	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	228	D	\$ 16.7	744,667	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	213	D	\$ 16.71	744,454	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	71	D	\$ 16.72	744,383	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	126	D	\$ 16.73	744,257	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	18	D	\$ 16.76	744,239	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	35	D	\$ 16.8	744,204	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	18	D	\$ 16.85	744,186	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	35	D	\$ 17.12	744,151	D
Common Stock	03/13/2007	<u>S⁽¹⁾</u>	35	D	\$ 17.14	744,116	D

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

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(9-02)

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
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Derivative Security	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Instr. 3 and 4)
Code	V (A) (D)	Date
	Exercisable	Expiration Date
		Title
		Amount or Number of Shares

Own
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Foxman Leonard C/O EAGLE TEST SYSTEMS, INC. 2200 MILLBROOK DRIVE BUFFALO GROVE, IL 60089	X	X	President and CEO	

Signatures

Stephen J. Hawrysz,
Attorney-in-fact 03/15/2007

**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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 27, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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