

Eagle Test Systems, Inc.
 Form 4
 April 13, 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 *
 TA ASSOCIATES INC

(Last) (First) (Middle)

JOHN HANCOCK TOWER, 200
 CLARENDON ST, 56TH FLOOR

(Street)

BOSTON, MA 02116

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 04/12/2007

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)

See General Remarks

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)
Common Stock	04/12/2007		S	8,100 D	\$ 17,651,978	I	See Footnote 1 & 2 (1) (2)

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

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SEC 1474 (9-02)

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

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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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address	Relationships				Date Exercisable	Expiration Date	Title	Amount or Number of Shares
	Director	10% Owner	Officer	Other				
TA ASSOCIATES INC JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116								See General Remarks

Signatures

TA Associates, Inc. 04/13/2007
 __Signature of Reporting Person Date

By: Thomas P. Alber, Chief Financial Officer 04/13/2007
 __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 reporting person may be deemed to have an indirect pecuniary interest as the General Partner of TA Associates AP IV L.P. and TA Associates SPF L.P. and as the Manager of TA Associates IX LLC, TA Associates SDF LLC and TA Investors LLC. The reporting person disclaims beneficial ownership of such shares because the reporting person's indirect pecuniary interest is subject to indeterminable future events.
- (2) The reporting person is the indirect beneficial owner of the following shares of Common Stock: (i) 4,629,823 shares owned by TA IX L.P.; (ii) 1,307,405 shares owned by TA/Atlantic and Pacific IV L.P.; (iii) 94,770 shares owned by TA Strategic Partners Fund A L.P.; (iv) 17,006 shares owned by TA Strategic Partners Fund B L.P.; (v) 368,021 shares owned by TA Subordinated Debt Fund L.P.; and (vi) 99,953 shares owned by TA Investors LLC. TA Associates IX LLC is the General Partner of TA IX L.P. TA Associates AP IV L.P. is the General Partner of TA/Atlantic and Pacific IV L.P. TA Associates SPF L.P. is the General Partner of TA Strategic Partners Fund A L.P. and TA Strategic Partners Fund B L.P. TA Associates SDF LLC is the General Partner of TA Subordinated Debt Fund L.P.

Remarks:

Member of a group that owns more than 10% in the aggregate.

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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