

KLA TENCOR CORP  
Form 4  
September 19, 2005

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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**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 \*  
**KISPERT JOHN H**

(Last) (First) (Middle)

**C/O KLA-TENCOR CORPORATION, 160 RIO ROBLES**

(Street)

**SAN JOSE, CA 95130**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**KLA TENCOR CORP [KLAC]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**09/15/2005**

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)  
Chief Financial Officer

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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/15/2005		M	A	\$ 10.63 1,000	D	
Common Stock	09/15/2005		S	D	\$ 50.5089 0	D	
Common Stock	09/15/2005		M	A	\$ 10.63 299	D	
Common Stock	09/15/2005		S	D	\$ 50.5089 0	D	
Common Stock	09/15/2005		M	A	\$ 10.63 2,534	D	
Common Stock	09/15/2005		S	D	\$ 50.5089 0	D	

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Common Stock	09/15/2005		M	1,167	A	\$ 10.63	1,167	D	
Common Stock	09/15/2005		S	1,167	D	\$ 50.5089	0	D	
Common Stock	09/15/2005		M	1,875	A	\$ 33.75	1,875	D	
Common Stock	09/15/2005		S	1,875	D	\$ 50.5089	0	D	
Common Stock	09/15/2005		M	8,000	A	\$ 26.25	8,000	D	
Common Stock	09/15/2005		S	8,000	D	\$ 50.5089	0	D	
Common Stock	09/15/2005		M	8,000	A	\$ 32.75	8,000	D	
Common Stock	09/15/2005		S	8,000	D	\$ 50.5089	0	D	
Common Stock	09/15/2005		M	24,000	A	\$ 29.31	24,000	D	
Common Stock	09/15/2005		S	24,000	D	\$ 50.5089	0	D	
Common Stock	09/15/2005		M	6,875	A	\$ 37.05	6,875	D	
Common Stock	09/15/2005		S	6,875	D	\$ 50.5089	0	D	
Common Stock	09/15/2005		M	13,750	A	\$ 34.67	13,750	D	
Common Stock	09/15/2005		S	13,750	D	\$ 50.5089	0	D	
Common Stock							6,681	I	by Trust
Common Stock-Restricted Stock Units <sup>(1)</sup>							48,333	D	

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)

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 Security (Instr. 3 and 4)
					Code V (A) (D)	Title	

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					Date Exercisable	Expiration Date		Am or Num of S
Non-Qualified Stock Option (right to buy)	\$ 10.63	09/15/2005	M	1,000	08/31/1999	08/31/2008	Common Stock	1,
Non-Qualified Stock Option (right to buy)	\$ 10.63	09/15/2005	M	299	08/31/1999	08/31/2008	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 10.63	09/15/2005	M	2,534	08/31/1999	08/31/2008	Common Stock	2,
Non-Qualified Stock Option (right to buy)	\$ 10.63	09/15/2005	M	1,167	08/31/2002	08/31/2008	Common Stock	1,
Non-Qualified Stock Option (right to buy)	\$ 26.25	09/15/2005	M	8,000	11/10/2001	11/10/2010	Common Stock	8,
Non-Qualified Stock Option (right to buy)	\$ 29.31	09/15/2005	M	24,000	10/02/2002	10/02/2011	Common Stock	24
Non-Qualified Stock Option (right to buy)	\$ 32.75	09/15/2005	M	8,000	04/04/2002	04/04/2011	Common Stock	8,
Non-Qualified Stock Option (right to buy)	\$ 33.75	09/15/2005	M	1,875	10/27/2000	10/27/2009	Common Stock	1,
Non-Qualified Stock Option (right to buy)	\$ 34.67	09/15/2005	M	13,750	11/08/2003	01/28/2013	Common Stock	13
Non-Qualified Stock Option (right to buy)	\$ 37.05	09/15/2005	M	6,875	11/08/2003	11/08/2012	Common Stock	6,
Non-Qualified Stock Option (right to buy)	\$ 40.66				10/27/2004	08/02/2014	Common Stock	11
Non-Qualified Stock Option (right to buy)	\$ 41.79				09/21/2005	09/21/2014	Common Stock	75
Non-Qualified Stock Option (right to buy)	\$ 44.6875				08/13/2001	08/13/2010	Common Stock	8,
Non-Qualified Stock Option (right to buy)	\$ 45.16				10/27/2004	04/26/2014	Common	18

