SIMTEK CORP Form 4 August 07, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

January 31, 2005

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OMB APPROVAL

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

Check this box

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 _
CRESTVIEW CAPITAL MASTER
LLC

(Last) (First) (Middle)

95 REVERE DRIVE, SUITE A

(Street)

2. Issuer Name and Ticker or Trading Symbol

SIMTEK CORP [SMTK]

3. Date of Earliest Transaction (Month/Day/Year) 08/03/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_X__ 10% Owner Director Officer (give title _ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

NORTHBROOK, IL 60062

(City)	(State) ((Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly 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)	ransaction(A) or Disposed of (D) ode (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount		Price	(Instr. 3 and 4)		
Common Stock	08/03/2007		P	5,000	A	\$ 4.55	2,671,424	D (1)	
Common Stock	08/03/2007		P	900	A	\$ 4.56	2,672,324	D (1)	
Common Stock	08/03/2007		P	3,760	A	\$ 4.599	2,676,084	D (1)	
Common Stock	08/03/2007		P	4,000	A	\$ 4.6	2,680,084	D (1)	
Common Stock	08/03/2007		P	2,500	A	\$ 4.62	2,682,584	D (1)	
	08/06/2007		P	9,000	A	\$ 4.61	2,691,584	D (1)	

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Common Stock						
Common Stock	08/06/2007	P	3,600	A	\$ 4.63 2,695,184	D (1)
Common Stock	08/06/2007	P	6,000	A	\$ 4.65 2,701,184	D (1)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. orNumber	6. Date Exer Expiration D		7. Titl Amou		8. Price of Derivative	9. Nu Deriv
Security	or Exercise	•	any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securi	ities	(Instr. 5)	Bene
· ·	Derivative		•		Securities	3		(Instr.	3 and 4)	Ì	Own
	Security				Acquired			Ì	ŕ		Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
. 9	Director	10% Owner	Officer	Other			
CRESTVIEW CAPITAL MASTER LLC 95 REVERE DRIVE, SUITE A NORTHBROOK, IL 60062		X					
Crestview Capital Partners, LLC 95 REVERE DRIVE, SUITE A NORTHBROOK, IL 60062		X					

Signatures

Crestview Capital Master, LLC By: Crestview Capital Partners, LLC, its sole Manager By: /s/ Daniel Warsh

08/07/2007

Date

**Signature of Reporting Person

2 Reporting Owners

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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).
- These securities are owned directly by Crestview Capital Master, LLC. Crestview Capital Partners, LLC is the sole manager of Crestview (1) Capital Master, LLC and as such has the power to direct the vote and to direct the disposition of investments owned by Crestview Capital
- Master, LLC, and thus may be an indirect beneficial owner of the reported securities.

Remarks:

Exhibit 99.1-Joint Filer Information

Note: File three copies of this Form, one of which must be manually signed. If space 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.