CHASE HOWARD E

Form 4

November 17, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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obligations may continue. See Instruction

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CHASE HOWARD E	2. Issuer Name and Ticker or Trading Symbol THORATEC CORP [THOR]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check all applicable)		
6035 STONERIDGE DRIVE	(Month/Day/Year) 11/16/2005	_X_ Director 10% Owner Officer (give title below) Other (specify below)		
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
PLEASANTON, CA 94551	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(State)

(Zip)

(City)

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	rities 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. Transactio Code (Instr. 8)	(Instr. 3,	ispose 4 and (A) or	d of (D)	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	11/16/2005		Code V M	Amount 1,875	()	¢.	1,875	D	
Common Stock	11/16/2005		S	1,875	D	\$ 18.99	0	D	

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)

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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. Transactic Code (Instr. 8)	orDerivative Exp		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Underlying (Instr. 3 and
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option	\$ 13.13	11/16/2005		M	(11)		11/17/2000(1)	11/17/2005	Common
(right to buy)	Ψ 13.13	11/10/2005		141		1,075	11/11/2000 <u> </u>	11/1//2003	Stock
Non-Qualified Stock Option (right to buy)	\$ 18.99	11/17/2005		A	1,875		11/17/2005(1)	11/17/2010	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
CHASE HOWARD E 6035 STONERIDGE DRIVE PLEASANTON, CA 94551	X						

Signatures

/s/ D. Keith Grossman, 11/17/2005 Attorney-In-Fact

> **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) This option is 100% vested on the grant date.
- This option was granted pursuant to the Company's equity incentive plans as a non-qualified option with no payment received for the

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.

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