

THORATEC CORP  
Form 4  
May 18, 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 \*  
HILL J DONALD

(Last) (First) (Middle)  
6035 STONERIDGE DRIVE  
(Street)  
PLEASANTON, CA 94588  
(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
THORATEC CORP [THOR]

3. Date of Earliest Transaction (Month/Day/Year)  
05/16/2007

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)

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)
			Code	V	Amount (A) or (D) Price		
Common Stock	05/16/2007		M		5,000 A \$ 5.5	10,000	D
Common Stock	05/16/2007		M		1,875 A \$ 9.43	11,875	D
Common Stock	05/16/2007		G		6,875 D \$ 0	5,000	D
Common Stock	05/18/2007		A		5,000 A \$ 0 <sup>(5)</sup>	10,000	D
Common Stock	05/16/2007		G		6,875 A \$ 0	911,170	I By Separate Property



## 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.

(2) This option vested 100% after 6 months from the date of grant.

(3) This option was granted pursuant to the Company's equity incentive plans as a non-qualified option with no payment received for the option.

(4) J. Donald Hill as Trustee of the J. Donald Hill Separate Property Living Trust U/A/D 7/23/04.

(5) Restricted stock was granted on May 18, 2007 pursuant to the Company's equity incentive plans with no payment received. The Restricted Stock vests in four equal annual installments commencing one year after that date.

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.