

RUDOLPH TECHNOLOGIES INC
 Form 3
 July 27, 2006

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 *

Â DANCIAK SCOTT R
 (Last) (First) (Middle)

2. Date of Event Requiring Statement

(Month/Day/Year)
 06/19/2006

3. Issuer Name and Ticker or Trading Symbol
 RUDOLPH TECHNOLOGIES INC [RTEC]

4. Relationship of Reporting Person(s) to Issuer

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

(Check all applicable)

Director 10% Owner
 Officer Other
 (give title below) (specify below)
 VP of Engineering IBU

C/O RUDOLPH TECHNOLOGIES, INC.,Â ONE RUDOLPH ROAD, PO BOX 1000

(Street)

FLANDERS,Â NJÂ 07836

(City) (State) (Zip)

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 Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Incentive Stock Option (right to buy)	Â (1)	11/10/2009	Common Stock	4,950	\$ 16	D	Â
Non-Qualified Stock Option (right to buy)	Â (1)	10/17/2012	Common Stock	2,500	\$ 14.62	D	Â
Non-Qualified Stock Option (right to buy)	Â (1)	02/28/2014	Common Stock	1,500	\$ 21.13	D	Â
Non-Qualified Stock Option (right to buy)	Â (1)	09/01/2013	Common Stock	2,500	\$ 22.25	D	Â
Non-Qualified Stock Option (right to buy)	Â (1)	10/18/2011	Common Stock	3,000	\$ 23.4	D	Â
Non-Qualified Stock Option (right to buy)	Â (1)	07/23/2010	Common Stock	7,500	\$ 37.31	D	Â
Non-Qualified Stock Option (right to buy)	Â (1)	01/25/2011	Common Stock	5,000	\$ 40.13	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DANCIAK SCOTT R C/O RUDOLPH TECHNOLOGIES, INC. ONE RUDOLPH ROAD, PO BOX 1000 FLANDERS, NJ 07836	Â	Â	Â VP of Engineering IBU	Â

Signatures

/s/ Scott R.
Danciak

07/26/2006

**Signature of
Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(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) 20% of the shares of Common Stock subject to the Option becomes exercisable twelve months after the date the Option was granted and 1/60th of the shares of Common Stock subject to the Option vest each month thereafter.

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.