Thomas Martin
Form 4
December 07, 2010

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 *
Thomas Martin

(Last) (First) (Middle)

1201 SOUTH SECOND STREET

(Street)

MILWAUKEE, WI 53204

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
ROCKWELL AUTOMATION INC [ROK]

3. Date of Earliest Transaction (Month/Day/Year)
12/05/2010

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)
Sr. VP Operations & Eng. Svcs.

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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								439.5097	I	By Savings Plan (1)
Common Stock	12/05/2010		M		1,932 (2)	A	$ 0	19,414	D	
Common Stock	12/06/2010		S		1,347 (4) (5)	D	$ 68.8881	18,067	D (6)	

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)

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 Securities (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Performance Shares	(3)	12/05/2010		M			1,932	12/05/2010	12/05/2010	Common Stock	1,932

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Thomas Martin 1201 SOUTH SECOND STREET MILWAUKEE, WI 53204			Sr. VP Operations & Eng. Svcs.	

Signatures

Karen A. Balistreri, Attorney-In-Fact for Martin Thomas	12/07/2010
**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) Includes shares represented by Company stock fund units acquired under the Company Savings Plan since the date of the last ownership report for this person, based on information furnished by the Plan Administrator as of 10/31/2010.

(2) Each performance share represented a contingent right to receive one share of Company common stock (or the cash equivalent).

(3) Each performance share represented a contingent right to receive one share of Company common stock (or the cash equivalent).

(4) Sale of shares pursuant to Rule 10b5-1 trading plan to cover taxes due on restricted stock and performance shares that vested on 12/05/2010.

(5) Price reported in column 4 is a weighted average price. Shares sold at prices ranging from $68.872 to $68.901. The reporting person undertakes to provide to the Company, any shareowners of the Company and the staff of the SEC, upon request, full information regarding the number of shares sold at each separate price.

(6) 8,700 shares are held by Company to implement restrictions on transfer unless and until certain conditions are met.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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