Mahoney Timothy O. Form 4 October 12, 2010

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 * Mahoney Timothy O.

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

below)

Symbol HONEYWELL INTERNATIONAL

(Check all applicable)

(Last) (First)

101 COLUMBIA ROAD

3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify

6. Individual or Joint/Group Filing(Check

(Month/Day/Year)

INC [HON]

10/08/2010

below) President & CEO, Aerospace

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

(Instr. 4)

Person

MORRISTOWN, NJ 07960

(City) (State) (Zip)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

(Middle)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (T)

(Instr. 4)

Following Reported Transaction(s)

(A) Code V Amount (D) Price

(Instr. 3 and 4)

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 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date Underlying Securities** Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Supplemental Savings Plan Interests	(1)	10/08/2010		A(2)		13.955		(2)	(2)	Common Stock	13.955

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Mahoney Timothy O.President &101 COLUMBIA ROADCEO,MORRISTOWN, NJ 07960Aerospace

Signatures

Jacqueline Katzel FOR Timothy O.
Mahoney
10/12/2010

**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) Instrument converts to common stock on a one-for-one basis.
- (2) Reflects phantom shares of common stock represented by Company contributions to my account under the Executive Supplemental Savings Plan under Rule 16b-3 on 10/08/2010.

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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