BARLETT TODD A

Form 4

August 16, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * BARLETT TODD A

2. Issuer Name and Ticker or Trading

Symbol

APPLIED INDUSTRIAL **TECHNOLOGIES INC [AIT]** 5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction

(Month/Day/Year)

08/15/2005

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

below) VP-Acq & Global Bus Dev

ONE APPLIED PLAZA

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

CLEVELAND, OH 441155056

(City)	(State)	(Zip) 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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)			
Common Stock	08/15/2005		M	9,500	A	\$ 8.771	21,412.2	D			
Common Stock	08/15/2005		M			\$ 11.146		D			
Common Stock	08/15/2005		M	7,500	A	\$ 12.896	36,412.2	D			
Common Stock	08/15/2005		M	7,500	A	\$ 11.883	43,912.2	D			
Common Stock	08/15/2005		M	11,250	A	\$ 10.41	55,162.2	D			

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Common Stock	08/15/2005	M	4,267	A	\$ 14.197	59,429.2	D	
Common Stock	08/15/2005	F	28,831	D	\$ 35.25	30,598.2	D	
Common Stock						67.35	I	By Wife
Common Stock						2,760.46	I	Retirement Savings Plan

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

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. Transactic Code (Instr. 8)	ransactionDerivative ode Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right to Buy)	\$ 8.771	08/15/2005		M		9,500	02/15/2000(1)	02/15/2009	Common Stock	9,50
Employee Stock Option (Right to Buy)	\$ 11.146	08/15/2005		M		7,500	01/20/2001(1)	01/20/2010	Common Stock	7,50
Employee Stock Option (Right To Buy)	\$ 12.896	08/15/2005		M		7,500	01/18/2002(1)	01/18/2011	Common Stock	7,50
Employee Stock	\$ 11.883	08/15/2005		M		7,500	08/09/2002(1)	08/09/2011	Common Stock	7,50

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Option (Right to Buy)								
Employee Stock Option (Right to Buy)	\$ 10.41	08/15/2005	M	11,250	08/06/2003(1)	08/06/2012	Common Stock	11,2
Employee Stock Option (Right to Buy)	\$ 14.197	08/15/2005	M	4,267	08/08/2004(1)	08/08/2013	Common Stock	4,26

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BARLETT TODD A

ONE APPLIED PLAZA VP-Acq & Global Bus Dev

CLEVELAND, OH 441155056

Signatures

By: Dianne Misenko/POA for Todd A.
Barlett
08/16/2005

**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) These options become exercisable in annual increments of 25% commencing one year after the date of grant.

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.

Reporting Owners 3