APPLIED INDUSTRIAL TECHNOLOGIES INC Form SC 13G January 23, 2007

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Schedule 13G Under the Securities Exchange Act of 1934 (New) APPLIED INDUSTRIAL TECH INC (Name of Issuer) Common Stock (Title of Class of Securities) 03820C105 (CUSIP Number) December 31, 2006 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSI	IP No.	03820C105 	
(1)		Reporting Persons. Identification Nos. of above persons (entities only).	
		S GLOBAL INVESTORS, NA., 943112180	
(a)		ppropriate box if a member of a Group*	
(3)	SEC Use Only	У	
(4)	Citizenship U.S.A.	or Place of Organization	

Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power 2,553,752
Person With	(6) Shared Voting Power -
	(7) Sole Dispositive Power 2,756,869
	(8) Shared Dispositive Power -
<pre>(9) Aggregate Amount Beneficially Owner 2,756,869</pre>	d by Each Reporting Person
(10) Check Box if the Aggregate Amount	in Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Ar 6.36%	mount in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 03820C105	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of a	above persons (entities only).
BARCLAYS GLOBAL FUND ADVISORS	
(2) Check the appropriate box if a membrane (a) / / (b) /X/	oer of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organizatio U.S.A.	 on
Number of Shares Beneficially Owned	(5) Sole Voting Power 1,198,448
by Each Reporting Person With	(6) Shared Voting Power -
	(7) Sole Dispositive Power 1,198,448
	(8) Shared Dispositive Power -
<pre>(9) Aggregate Amount Beneficially Owned 1,198,448</pre>	d by Each Reporting Person
(10) Check Box if the Aggregate Amount	in Row (9) Excludes Certain Shares*

(11) Percent of Class Represented by Amount 2.76%	in Row (9)
(12) Type of Reporting Person* IA	
CUSIP No. 03820C105	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	e persons (entities only).
BARCLAYS GLOBAL INVESTORS, LTD	
(2) Check the appropriate box if a member c (a) $//$ (b) $/X/$	of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned by Each Reporting	(5) Sole Voting Power 23,758
Person With	(6) Shared Voting Power -
	(7) Sole Dispositive Power 23,758
	(8) Shared Dispositive Power -
(9) Aggregate 23,758	
(10) Check Box if the Aggregate Amount in F	cow (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amount 0.05%	. in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 03820C105	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of above	e persons (entities only).

BARCLAYS GLOBAL INVESTORS JAPAN TRUST AND BANKING COMPANY LIMITED _____ (2) Check the appropriate box if a member of a Group* (a) / / (b) /X/ _____ _____ (3) SEC Use Only _____ (4) Citizenship or Place of Organization Japan _____ _____ Number of Shares (5) Sole Voting Power Beneficially Owned _ by Each Reporting _____ Person With (6) Shared Voting Power _____ (7) Sole Dispositive Power _ _____ (8) Shared Dispositive Power _ _____ (9) Aggregate _ _____ (10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* _____ (11) Percent of Class Represented by Amount in Row (9) 0.00% _____ (12) Type of Reporting Person* BK _____ CUSIP No. 03820C105 _____ _____ (1) Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BARCLAYS GLOBAL INVESTORS JAPAN LIMITED _____ (2) Check the appropriate box if a member of a Group* (a) / / (b) /X/ _____ (3) SEC Use Only _____ (4) Citizenship or Place of Organization Japan _____ _____ Number of Shares (5) Sole Voting Power Beneficially Owned _____ by Each Reporting Person With (6) Shared Voting Power

	(7) Sole Dispositive Power
	(8) Shared Dispositive Power -
(9) Aggregate _	
(10) Check Box if the Aggregate Amount in Row (9	
<pre>(11) Percent of Class Represented by Amount in F</pre>	Row (9)
(12) Type of Reporting Person*	

ITEM	1(A	-	NAME OF APPLIED	ISSUER INDUSTRIAL TECH INC
ITEM	1(B		ONE APPI	OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES LIED PLAZA ND OH 44115-5056
ITEM	2 (A			PERSON(S) FILING BARCLAYS GLOBAL INVESTORS, NA
ITEM	2 (B	3).	ADDRESS	OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105
ITEM	2 (C	:).		
ITEM	2 (D).		F CLASS OF SECURITIES Common Stock
ITEM	2 (E		CUSIP NU	JMBER 03820C105
OR 13	3D-2	(B), CHE	CK WHETH r Dealei	STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), HER THE PERSON FILING IS A r registered under Section 15 of the Act
				in section 3(a) (6) of the Act (15 U.S.C. 78c). ny as defined in section 3(a) (19) of the Act
(0) /		(15 U.S.	-	
(d) /				any registered under section 8 of the Investment 1940 (15 U.S.C. 80a-8).
(e) /				ser in accordance with section 240.13d(b)(1)(ii)(E).
(f) /	//		Benefit	Plan or endowment fund in accordance with section
(g) /	//		olding (Company or control person in accordance with section
(h) /				Lation as defined in section 3(b) of the Federal Deposit

(i) // A (con (1)	surance Act (12 U.S.C. 1813). church plan that is excluded from the definition of an investment mpany under section 3(c)(14) of the Investment Company Act of 1940 5U.S.C. 80a-3). pup, in accordance with section 240.13d-1(b)(1)(ii)(J)
API	NAME OF ISSUER PLIED INDUSTRIAL TECH INC
	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES ONE APPLIED PLAZA CLEVELAND OH 44115-5056
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL FUND ADVISORS
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105
ITEM 2(C).	CITIZENSHIP U.S.A
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock
	CUSIP NUMBER 03820C105
<pre>(a) // Br((1)) (b) // Ban (c) // In (1) (d) // In (1) (d) // In (con (e) /X/ In (f) // Em 244 (g) // Pa: 244 (g) // Pa: 244 (h) // A s In (i) // A s (con (1)) </pre>), CHECK WHETHER THE PERSON FILING IS A oker or Dealer registered under Section 15 of the Act 5 U.S.C. 780). nk as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). surance Company as defined in section 3(a) (19) of the Act 5 U.S.C. 78c). vestment Company registered under section 8 of the Investment mpany Act of 1940 (15 U.S.C. 80a-8). vestment Adviser in accordance with section 240.13d(b)(1)(ii)(E). oloyee Benefit Plan or endowment fund in accordance with section 0.13d-1(b)(1)(ii)(F). rent Holding Company or control person in accordance with section 0.13d-1(b)(1)(ii)(G). savings association as defined in section 3(b) of the Federal Deposit surance Act (12 U.S.C. 1813). church plan that is excluded from the definition of an investment mpany under section 3(c)(14) of the Investment Company Act of 1940 5U.S.C. 80a-3).
ITEM 1(A).	oup, in accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER
ITEM 1(B).	APPLIED INDUSTRIAL TECH INC ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES ONE APPLIED PLAZA CLEVELAND OH 44115-5056 NAME OF PERSON(S) FILING
	BARCLAYS GLOBAL INVESTORS, LTD

Edgar Filing: APPLIED INDUSTRIAL TECHNOLOGIES INC - Form SC 13G ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Murray House 1 Royal Mint Court LONDON, EC3N 4HH _____ ITEM 2(C). CITIZENSHIP England _____ _____ ITEM 2(D). TITLE OF CLASS OF SECURITIES Common Stock _____ ITEM 2(E). CUSIP NUMBER 038200105 _____ ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780). (b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c). (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8). (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F). (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G). (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER ITEM 1(A). APPLIED INDUSTRIAL TECH INC _____ ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES ONE APPLIED PLAZA CLEVELAND OH 44115-5056 _____ _____ ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS JAPAN TRUST AND BANKING COMPANY LIMITED ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Ebisu Prime Square Tower 8th Floor 1-1-39 Hiroo Shibuya-Ku Tokyo 150-0012 Japan _____ ITEM 2(C). CITIZENSHIP Japan _____ _____ ITEM 2(D). TITLE OF CLASS OF SECURITIES Common Stock _____ _____ ITEM 2(E). CUSIP NUMBER 03820C105 _____ ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A (a) // Broker or Dealer registered under Section 15 of the Act

		(15 U.S.	.C. 780)	
(b)	/X/	Bank as	defined	in section 3(a) (6) of the Act (15 U.S.C. 78c).
		Insuranc	ce Compar	ny as defined in section 3(a) (19) of the Act
(d)	//	Investme		any registered under section 8 of the Investment
(e)	//			1940 (15 U.S.C. 80a-8). ser in accordance with section 240.13d(b)(1)(ii)(E).
				Plan or endowment fund in accordance with section
(⊥)	//		-1(b)(1)	
(α)	//			
(g)	//		-	Company or control person in accordance with section
(h)	//	A saving		(11)(G). iation as defined in section 3(b) of the Federal Deposit 12 U.S.C. 1813).
(i)	//			hat is excluded from the definition of an investment
(⊥)	//	company		ection 3(c)(14) of the Investment Company Act of 1940
(j)	//	-		dance with section 240.13d-1(b)(1)(ii)(J)
ITEM	1 (7	() .	NAME OF	TSSUER
	(-	-, •		INDUSTRIAL TECH INC
ITEM	[1 (E	3).	ADDRESS	OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES
		.,.		LIED PLAZA
				ND OH 44115-5056
ITEM	12(7	A).	NAME OF	PERSON(S) FILING
		BARCLAYS	5 GLOBAL	INVESTORS JAPAN LIMITED
TTEM	[2 (F	3).	ADDRESS	OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE
		•	TID D T LLOO	Ebisu Prime Square Tower 8th Floor
				1-1-39 Hiroo Shibuya-Ku
				Tokyo 150-8402 Japan
ITEM	12(0	C).	CITIZENS	SHIP
				Japan
ITEM	12(1)).	TITLE OF	F CLASS OF SECURITIES
				Common Stock
ITEM	12(E	Ξ).	CUSIP NU	
				03820C105
				STATEMENT IS FILED PURSUANT TO RULES 13D-1(B),
ITEM				
				HER THE PERSON FILING IS A
(a)	//			r registered under Section 15 of the Act
(1-)	, ,		.C. 780)	
				in section 3(a) (6) of the Act (15 U.S.C. 78c).
(C)	//			ny as defined in section 3(a) (19) of the Act
(1)	, ,		.C. 78c)	
(a)	//		-	any registered under section 8 of the Investment
(-)	/ 37 /			1940 (15 U.S.C. 80a-8).
				ser in accordance with section 240.13d(b)(1)(ii)(E).
(1)	//		-1(b)(1)	Plan or endowment fund in accordance with section (ii) (F).
(g)	//			Company or control person in accordance with section
(1.)	, ,		-1(b)(1)	
(h)	//		-	iation as defined in section 3(b) of the Federal Deposit
<i>,</i>	<i>, ,</i>			12 U.S.C. 1813).
(1)	//			hat is excluded from the definition of an investment
				ection 3(c)(14) of the Investment Company Act of 1940
()	, ,	-	C. 80a-3)	
())	//	Group, 1	LII accord	dance with section 240.13d-1(b)(1)(ii)(J)

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a)	Amount B	eneficially Owned: 3,979,075	
(b)	Percent	of Class: 9.17%	
(c)	Number c (i)	of shares as to which such person has: sole power to vote or to direct the vote 3,775,958	
	(ii)	shared power to vote or to direct the vote	
	(iii)	sole power to dispose or to direct the disposition of 3,979,075	
	(iv)	shared power to dispose or to direct the disposition of -	
If t the perc	his state reporting ent of th 6. OWNER The s econc	SHIP OF FIVE PERCENT OR LESS OF A CLASS ment is being filed to report the fact that as of the dat person has ceased to be the beneficial owner of more that the class of securities, check the following. // SHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON hares reported are held by the company in trust accounts mic benefit of the beneficiaries of those accounts. See a 2(a) above.	an five DN for the
WHIC		IFICATION AND CLASSIFICATION OF THE SUBSIDIARY D THE SECURITY BEING REPORTED ON BY THE PARENT NY	
ITEM	8. IDENI	Not applicable IFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP	Not applicable
ITEM	9. NOTIC	E OF DISSOLUTION OF GROUP Not applicable	
ITEM	10.	CERTIFICATION	

(a) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

(b) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(c):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

January 9, 2007

Date

Signature

Robert J. Kamai

Principal

Name/Title