

GENCOR INDUSTRIES INC
 Form 4
 May 07, 2007

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 *
MILLER LLOYD I III

2. Issuer Name and Ticker or Trading Symbol
GENCOR INDUSTRIES INC [GNCI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
4550 GORDON DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/03/2007

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ Other (specify below)

NAPLES, FL 34102

(City) (State) (Zip)

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

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 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 Ownership (Instr. 4)		
				(A) or (D)	Price				
				Code	V	Amount			
Common Stock	05/03/2007		P	A	1,040	\$ 9.05	99,795 ⁽¹⁾	I	By Milfam II L.P.
Common Stock	05/04/2007		P	A	100	\$ 9.05	99,895 ⁽¹⁾	I	By Milfam II L.P.
Common Stock							19,200 ⁽¹⁾	I	By Trust C - Lloyd I. Miller
Common Stock							1,100 ⁽¹⁾	I	By Lloyd I. Miller, III, custodian under

Florida
UGMA for
Alexandra
B. Miller

Common
Stock 6,500 D

Common
Stock 735,821 ⁽¹⁾ I
By Trust
A-4 - Lloyd
I. Miller

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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MILLER LLOYD I III 4550 GORDON DRIVE NAPLES, FL 34102			X	

Signatures

/s/ David J. Hoyt
Attorney-in-fact 05/07/2007

 **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).

The reporting person disclaims beneficial ownership of these securities to the extent of his pecuniary interest therein. This filing shall not
(1) be deemed an admission that the reporting person is, for purposes of Section 16 of the Act or otherwise, the beneficial owner of any equity securities covered by this filing.

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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