

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>BLOSS DAVID A SR</u> (Last) (First) (Middle) <u>C/O CIRCOR INTERNATIONAL, INC.</u> <u>25 CORPORATE DRIVE</u> (Street) <u>BURLINGTON MA 01803</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CIRCOR INTERNATIONAL INC [CIR]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>04/02/2007</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chairman & CEO</u> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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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	04/02/2007		M ⁽¹⁾⁽⁵⁾		8,100	A	\$13.9	73,496	D	
Common Stock	04/02/2007		S ⁽¹⁾⁽⁵⁾		8,100	D	\$35.75	65,396	D	
Common Stock	04/03/2007		M ⁽¹⁾⁽⁵⁾		15,100	A	\$13.9	80,496	D	
Common Stock	04/03/2007		S ⁽¹⁾⁽⁵⁾		15,100	D	\$35.751	65,396	D	
Common Stock	04/03/2007		M ⁽³⁾⁽⁵⁾		26,500	A	\$10.375	91,896	D	
Common Stock	04/03/2007		S ⁽³⁾⁽⁵⁾		26,500	D	\$35.751	65,396	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option Right to Buy	\$13.9	04/02/2007		M ⁽¹⁾⁽⁵⁾			8,100	(2)	10/23/2012	Common Stock	8,100	(2)	35,100	D	
Stock Option Right to Buy	\$13.9	04/03/2007		M ⁽¹⁾⁽⁵⁾			15,100	(2)	10/23/2012	Common Stock	15,100	(2)	20,000	D	
Stock Option Right to Buy	\$10.375	04/03/2007		M ⁽³⁾⁽⁵⁾			26,500	(4)	10/18/2009	Common Stock	26,500	(4)	0	D	

Explanation of Responses:

1. The stock options exercised herein reflect the cashless exercise of a portion of the grant of 100,000 options by the issuer to the reporting person on 10/23/2002 and scheduled to expire on 10/23/2012.
2. The 100,000 options granted on 10/23/2002 vested in increments of 20% per year over a 5-year period. Upon exercise, the underlying options convert into shares of the issuer's common stock on a one-for-one basis.
3. The stock options exercised herein reflect the cashless exercise of a portion of the grant of 105,000 options by the issuer to the reporting person on 10/18/1999 and scheduled to expire on 10/18/2009.
4. The 105,000 options granted on 10/18/1999 vested in increments of 20% per year over a 5-year period. Upon exercise, the underlying options convert into shares of the issuer's common stock on a one-for-one basis.
5. The transactions reported herein are pursuant to a pre-programmed plan previously entered into by the reporting person and his broker pursuant to Rule 10b5-1.

Alan J. Glass, Attorney-in-Fact 04/04/2007

** Signature of Reporting Person Date

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

* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.