

☐ 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

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

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden

hours per response: 0.5

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, SUITE 130</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>08/30/2007</u>  4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <div><input checked="" type="checkbox"/> Director 10% Owner</div> <div><input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chairman and CEO</u></div> 6. Individual or Joint/Group Filing (Check Applicable Line) <div><input checked="" type="checkbox"/> Form filed by One Reporting Person</div> <div>Form filed by More than One Reporting Person</div>
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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	08/30/2007		M <sup>(1)</sup>		7,400	A	\$23.8	72,796	D	
Common Stock	08/30/2007		S <sup>(1)</sup>		7,400	D	\$42.27	65,396	D	
Common Stock	08/30/2007		M <sup>(3)</sup>		4,500	A	\$24.9	69,896	D	
Common Stock	08/30/2007		S <sup>(3)</sup>		4,500	D	\$42.27	65,396	D	
Common Stock	08/31/2007		M <sup>(3)</sup>		11,500	A	\$24.9	76,896	D	
Common Stock	08/31/2007		S <sup>(3)</sup>		11,500	D	\$42.31	65,396	D	
Common Stock	09/04/2007 <sup>(5)</sup>		G <sup>(5)</sup>	V	6,000	D	\$0	59,396	D <sup>(6)</sup>	

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	\$23.8	08/30/2007		M <sup>(1)</sup>			7,400	(2)	01/06/2014	Common Stock	7,400	(2)	12,000	D	
Stock Option Right to Buy	\$24.9	08/30/2007		M <sup>(3)</sup>			4,500	(4)	02/18/2015	Common Stock	4,500	(4)	35,500	D	
Stock Option Right to Buy	\$24.9	08/31/2007		M <sup>(3)</sup>			11,500	(4)	02/18/2015	Common Stock	11,500	(4)	24,000	D	

Explanation of Responses:

1. The stock options exercised herein reflect the cashless exercise of a portion of the grant of 30,000 options by the issuer to the reporting person on 1/6/2004 and scheduled to expire on 1/6/2014.
2. The 30,000 options granted on 1/6/2004 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 40,000 options by the issuer to the reporting person on 2/18/2005 and scheduled to expire on 2/18/2015.
4. The 40,000 options granted on 2/18/2005 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 transaction reported herein is not subject to mandatory reporting within two business days for filing Form 4 and is eligible for deferred reporting on Form 5. The reporting person however is herewith filing a Form 4 to voluntarily report this transaction.
6. The transaction reported herein reflects the gift by the reporting person of shares to a charitable trust.

Alan J. Glass, Attorney-in-Fact 09/04/2007

\*\* 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.**