

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

1. Name and Address of Reporting Person* <u>BRADY JEROME D</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>03/01/2010</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  Officer (give title below) Other (specify below)  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			

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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units	(1)	03/01/2010		A			(1)	(1)	Common Stock	1,620	(1)	1,620	D	
Restricted Stock Unit	(2)	03/01/2010		A			(2)	(2)	Common Stock	1,931	(2)	1,931	D	

Explanation of Responses:

1. The grant of Restricted Stock Units (RSUs), reported herein, entitles the Reporting Person to receive shares of the issuer common stock in equal installments of one-third of the original RSU grant on either the later of (i) vesting of the grant or a portion thereof each year which as reported herein is 4/01/2011, 3/1/2012 and 3/1/2013 or (ii) upon the conclusion of such longer deferral period ad the Reporting Person may elect in advance. In either occurrence, (i) or (ii), the RSUs automatically convert into shares of common stock on a one-for-one basis at no conversion cost to the Reporting Person.

2. This Restricted Stock Units (RSUs) grant is issued pursuant to a provision of the issuer Management Stock Purchase Plan (MSPP) whereby certain directors may make an advance election to receive RSUs in lieu of a specified % or dollar amount of that directors annual retainer. RSUs are issued in whole units at a 33% discount from fair market value of the issuers common stock generally on the date the underlying retainer is determined and generally vest 3 years from the date of the award, at which time the RSUs convert into shares of common stock on a one-for-one basis unless the director previously elected a longer deferral period. The Reporting Person has elected in advance to receive RSUs in lieu of his entire annual director retainer fee \$40,000 for 2010.

/s/ Alan J. Glass 03/02/2010  
\*\* 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.