

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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>02/26/2010</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)
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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	02/26/2010		M		334	A	(1)	7,888	D	
Common Stock	02/26/2010		M		343	A	(2)	8,231	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				
Restricted Stock Unit	(1)	02/26/2010		M			334	(1)	(1)	Common Stock	334	(1)	334	D	
Restricted Stock Unit	(2)	02/26/2010		M			343	(2)	(2)	Common Stock	343	(2)	343	D	

Explanation of Responses:

1. The Restricted Stock Units (RSUs), the conversion of which are reported herein, were granted to the Reporting Person by the issuer as part of equity incentive grants made by the issuer on 2/26/07. On that date the fair market value (FMV) of a share of the issuer's stock was \$36.21. The RSU grant vests in equal portions over a three (3) year period, and are received by the Reporting Person upon vesting, on a one-for-one basis unless the Reporting Person has previously chosen a longer deferral period. This report reflects the vesting of a third of RSU from the original grant and the acquisition by the Reporting Person of the underlying shares. The FMV of the shares, based on the closing price of the issuer's stock on 2/25/10 (last business day before shares vested) is \$31.90.

2. The Restricted Stock Units (RSUs), the conversion of which are reported herein, were granted to the Reporting Person by the issuer as part of equity incentive grants made by the issuer on 2/26/08. On that date the fair market value (FMV) of a share of the issuer's stock was \$46.91. The RSU grant vests in equal portions over a three (3) year period, and are received by the Reporting Person upon vesting, on a one-for-one basis unless the Reporting Person has previously chosen a longer deferral period. This report reflects the vesting of a third of RSU from the original grant and the acquisition by the Reporting Person of the underlying shares. The FMV of the shares, based on the closing price of the issuer's stock on 2/25/10 (last business day before shares vested) is \$31.90.

/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.

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