

TRINITY INDUSTRIES INC  
 Form 5  
 January 16, 2007

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL  
 OMB Number: 3235-0362  
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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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
 McWhirter William A

2. Issuer Name and Ticker or Trading Symbol  
 TRINITY INDUSTRIES INC  
 [NYSE/TRN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2006

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 VP & CFO

2525 STEMMONS FREEWAY

(Street)

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

6. Individual or Joint/Group Reporting

(check applicable line)

DALLAS, TX 75207

Form Filed by One Reporting Person  
 \_\_\_ Form Filed by More than One Reporting Person

(City) (State) (Zip)

**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) (A) or (D) Price	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 2270 (9-02)

**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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Underlying Securities (Instr. 3 and 4)
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	Derivative Security					Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Date Exercisable	Expiration Date	Title	Amount or Number of Shares
		(A)	(D)	(A)	(D)						
Restricted Stock Units	\$ 0	Â	Â	Â	Â	Â	Â (1)	Â (1)	Common Stock	1,500	
Trinity Stock Units	\$ 0	Â	Â	Â	Â	Â	Â (3)	Â (3)	Common Stock	314	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
McWhirter William A 2525 STEMMONS FREEWAY DALLAS, TX 75207	Â	Â	Â VP & CFO	Â

## Signatures

William A. McWhirter  
01/15/2007

\*\*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).
- Restricted Stock Units granted pursuant to Trinity Industries, Inc. Stock Option & Incentive Plan. Units vest in varying percentages
- (1) beginning on the 3rd anniversary date of the grant with 100% vesting on the 5th anniversary date of the grant. Distribution is 1 for 1 in Trinity Stock on each vesting date.
  - (2) On May 26, 2006, the common stock of Trinity Industries, Inc. split 3-for-2, resulting in the reporting person's ownership of 500 additional restricted stock units.
  - (3) The Trinity Stock Units were accrued under the Trinity Industries, Inc. Supplemental Profit Sharing Plan and will be settled upon the reporting person's retirement or other termination of service or earlier for in service distributions under limited circumstances as provided by the plan. Stock Units convert at a ratio of 1 to 1.
  - (4) On May 26, 2006, the common stock of Trinity Industries, Inc. split 3-for-2, resulting in the reporting person's ownership of 105 additional Trinity stock units.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.