

Doss James  
 Form 4  
 September 30, 2010

**FORM 4**

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

OMB APPROVAL

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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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Doss James

(Last) (First) (Middle)  
 7610 MIRAMAR ROAD,  
 BUILDING 6000  
 (Street)

SAN DIEGO, CA 92126

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 R F INDUSTRIES LTD [RFIL]

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 09/28/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Chief Financial Officer, Sec

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	09/28/2010		M		667 A \$ 4.5	667	D
Common Stock	09/28/2010		S		667 D \$ 7	0	D
Common Stock	09/28/2010		M		2,000 A \$ 4.05	2,000	D
Common Stock	09/28/2010		S		2,000 D \$ 7	0	D
Common Stock	09/28/2010		M		2,000 A \$ 4.49	2,000	D

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Common Stock      09/28/2010      S      2,000      D      \$ 7      0      D

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

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(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 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 Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option	\$ 4.5	09/28/2010		M	667	10/31/2009 10/30/2013	Common Stock	667
Stock Option	\$ 4.05	09/28/2010		M	2,000	01/16/2009 01/15/2014	Common Stock	2,000
Stock Option	\$ 4.49	09/28/2010		M	2,000	01/21/2010 01/20/2015	Common Stock	2,000

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

Doss James  
7610 MIRAMAR ROAD, BUILDING 6000  
SAN DIEGO, CA 92126

Chief Financial Officer, Sec

## Signatures

/s/James Doss      09/30/2010

\*\*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).

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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