

Doss James
 Form 4
 September 21, 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)
 09/15/2010

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)
 CFO, Secretary

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 Price (D)		
Common Stock	09/15/2010		M		6,277	A	\$ 3.95 6,277 D
Common Stock	09/15/2010		S		6,277	D	\$ 5.85 0 D
Common Stock	09/20/2010		M		3,723	A	\$ 3.95 3,723 D
Common Stock	09/20/2010		S		300	D	\$ 6.75 3,423 D
Common Stock	09/20/2010		S		3,423	D	\$ 6.6 0 D

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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	\$ 3.95	09/15/2010		M	6,277	06/05/2009 06/04/2019	Common Stock	6,277
Stock Option	\$ 3.95	09/20/2010		M	3,723	06/05/2009 06/04/2019	Common Stock	3,723

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

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

CFO, Secretary

Signatures

/s/ James Doss 09/21/2010

__Signature of Date
Reporting Person

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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