FEDEX CORP
Reported by
SMITH FREDERICK W

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 03/31/10 for the Period Ending 03/29/10

Address
942 SOUTH SHADY GROVE ROAD
MEMPHIS, TN 38120-

Telephone 9018187500
CIK 0001048911
Symbol FDX
SIC Code 4513 - Air Courier Services
Industry Air Courier
Sector Transportation
Fiscal Year 05/31
**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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person
   
   SMITH FREDERICK W  
   942 SOUTH SHADY GROVE ROAD  
   MEMPHIS, TN 38120

2. Issuer Name and Ticker or Trading Symbol
   
   FEDEX CORP [ FDX ]

3. Date of Earliest Transaction
   
   3/29/2010

4. If Amendment, Date Original Filed
   
   3/29/2010

5. Relationship of Reporting Person(s) to Issuer
   
   __X__ Director  
   ___ 10% Owner  
   __X__ Officer (give title below)  
   ___ Other (specify below) Chairman/President/CEO

6. Individual or Joint/Group Filing
   
   _X_ Form filed by One Reporting Person  
   ___ Form filed by More than One Reporting Person

<table>
<thead>
<tr>
<th>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of Security</strong> (Instr. 3)</td>
</tr>
<tr>
<td>Common Stock</td>
</tr>
<tr>
<td>Common Stock</td>
</tr>
<tr>
<td>Common Stock</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of Derivate Security</strong> (Instr. 3)</td>
</tr>
<tr>
<td>Incentive Stock Option (Right to Buy)</td>
</tr>
<tr>
<td>Non-qualified Stock Option (Right to Buy)</td>
</tr>
</tbody>
</table>
Explanation of Responses:

(1) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $92.05 to $92.34, inclusive. The reporting person undertakes to provide to FedEx Corporation, any security holder of FedEx Corporation, or the staff of the Securities and Exchange commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote to this Form 4.

(2) Ownership has been adjusted to reflect dividend paid to all holders of record.

(3) These options first exercisable one year from date of grant.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMITH FREDERICK W</td>
<td></td>
</tr>
<tr>
<td>942 SOUTH SHADY GROVE ROAD</td>
<td>X</td>
</tr>
<tr>
<td>MEMPHIS, TN 38120</td>
<td>Chairman/President/CEO</td>
</tr>
</tbody>
</table>

Signatures

/s/ Frederick W. Smith 3/29/2010

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).


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 control number.