FEDEX CORP
Reported by
LOGUE WILLIAM J

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 03/25/10 for the Period Ending 03/24/10

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
1. Name and Address of Reporting Person *
   Logue William J
   1715 AARON BRENNER DRIVE, SUITE 600
   MEMPHIS, TN 38120

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

3. Date of Earliest Transaction (MM/DD/YYYY)
   3/24/2010

5. Relationship of Reporting Person(s) to Issuer
   ___ Director
   _____ 10% Owner
   __ X Officer (give title below) ___ Other (specify below)
   President/CEO - FedEx Freight

4. If Amendment, Date Original Filed

6. Individual or Joint/Group Filing (Check Applicable Line)
   _ X 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

<table>
<thead>
<tr>
<th>1. Title of Security</th>
<th>2. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Securities Acquired (A) or Disposed of (D)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>3/24/2010</td>
<td>M</td>
<td>2035 (A)</td>
<td>$53.765</td>
<td>25693</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>3/24/2010</td>
<td>S</td>
<td>1400 (D)</td>
<td>$90.57</td>
<td>24293</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>3/24/2010</td>
<td>S</td>
<td>635 (D)</td>
<td>$90.56</td>
<td>23658</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>3/24/2010</td>
<td>S</td>
<td>2000 (D)</td>
<td>$90.6367 (1)</td>
<td>21658</td>
<td>D</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-qualified Stock Option</td>
<td>3/24/2010</td>
<td>M</td>
<td>2035 (A)</td>
<td>2035</td>
<td>2035</td>
<td>6/3/2012</td>
<td>Common Stock</td>
<td>2035 (D)</td>
<td>0</td>
<td>2036 (D)</td>
<td></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 $90.63 to $90.6508, 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) 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>Logue William J</td>
<td>Director</td>
</tr>
<tr>
<td>1715 AARON BRENNER DRIVE</td>
<td>10% Owner</td>
</tr>
<tr>
<td>SUITE 600</td>
<td>Officer</td>
</tr>
<tr>
<td>MEMPHIS, TN 38120</td>
<td>Other</td>
</tr>
</tbody>
</table>

President/CEO - FedEx Freight

Signatures

/s/William J. Logue 3/24/2010

** 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).


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.