FEDEX CORP
Reported by
LOGUE WILLIAM J

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 04/02/10 for the Period Ending 04/01/10

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
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>2. Trans. Date</th>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>4/1/2010</td>
<td>M</td>
<td>246</td>
<td>$40.49</td>
</tr>
<tr>
<td>Common Stock</td>
<td>4/1/2010</td>
<td>M</td>
<td>1859</td>
<td>$53.765</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date Exercisable and Expiration Date</th>
<th>Code</th>
<th>Amount of Shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/1/2010</td>
<td>M</td>
<td>246</td>
</tr>
<tr>
<td>4/1/2010</td>
<td>M</td>
<td>1859</td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) 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></td>
<td>President/CEO - FedEx Freight</td>
</tr>
</tbody>
</table>
Signatures

/s/William J. Logue 4/1/2010

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.