UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): June 4, 2012

PARKER-HANNIFIN CORPORATION

(Exact Name of Registrant as Specified in Charter)

Ohio (State or Other Jurisdiction of Incorporation) 1-4982 (Commission File Number) 34-0451060 (IRS Employer Identification No.)

6035 Parkland Blvd. Cleveland, Ohio (Address of Principal Executive Offices)

44124-4141 (Zip Code)

Registrant's telephone number, including area code: (216) 896-3000

Not Applicable (Former name or former address, if changed since last report.)

| | Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions: |
|---|---|
| | Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) |
| | Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) |
| | Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) |
| П | Pra-commencement communications pursuant to Rule 13a.4(c) under the Eychange Act (17 CER 240 13a.4(c)) |

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(b) On June 4, 2012, Robert P. Barker, a named executive officer of Parker-Hannifin Corporation (the "Company"), notified the Company that he intends to retire. Mr. Barker served as Executive Vice President, Operating Officer and President – Aerospace Group at the time he notified the Company of his retirement. Mr. Barker has agreed to remain with the Company until January 31, 2013 to assist with his successor's transition. Effective July 1, 2012, the Board of Directors of the Company elected Mr. Barker to serve, during such transition period, as an executive officer of the Company with the title Executive Vice President and Operating Officer.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PARKER-HANNIFIN CORPORATION

By: /s/ Thomas A. Piraino, Jr.

Thomas A. Piraino, Jr.
Vice President and Secretary

Date: June 5, 2012