

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

(b) On July 2, 2009, Ronald C. Brunton, who had served as Executive Vice President and Chief Operations Officer of Spirit AeroSystems Holdings, Inc. (“Spirit”) since February 2008, and is a named executive officer of Spirit, was reassigned to the position of Senior Vice President — Special Assignment, effective July 3, 2009. Richard Buchanan, who had served as Senior Vice President/General Manager of Fuselage Systems Segment since July 2005, was named Senior Vice President & Chief Operations Officer, also effective July 3, 2009. The General Managers of Spirit’s operating segments will continue to report directly to the Chief Executive Officer.

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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.

SPIRIT AEROSYSTEMS HOLDINGS, INC.

Date: July 2, 2009

/s/ Jonathan A. Greenberg

Jonathan A. Greenberg
Senior Vice President, General Counsel & Secretary

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