

NEXTEL PARTNERS INC  
Form 424B3  
January 16, 2004

Filed Pursuant to Rule 424(b)(3)  
Registration No. 333-109988  
CUSIP No. 65333FAS6

## 1½% Convertible Senior Notes due 2008

### NEXTEL PARTNERS, INC.

#### PROSPECTUS SUPPLEMENT DATED JANUARY 16, 2004 TO PROSPECTUS DATED DECEMBER 18, 2003

The selling security holders table on pages 25-27 of the prospectus, as supplemented, is hereby further amended to update the information with respect to and to include the following entities as selling security holders in the prospectus and to list their respective amounts of 1½% convertible senior notes due 2008:

| Name  | Principal Amount<br>at Maturity of<br>Notes Beneficially<br>Owned That<br>May Be Sold | Percentage<br>of Notes<br>Outstanding | Number of<br>Shares of<br>Class A<br>Common Stock<br>That May<br>Be Sold | Percentage of<br>Common Stock<br>Outstanding |
|---|---|---------------------------------------|--|--|
| Hamilton Multi-Strategy Master Fund, LP           | \$ 942,000.00   | *                                     | 73,767   | *  |
| Man Mac 2 Limited                                 | \$ 558,000.00   | *                                     | 43,696   | *  |
| MFS Total Return Fund, a series of series trust V | \$ 1,750,000.00   | 1.40%                                 | 137,040  | *  |
| Wachovia Capital Markets LLC(7)                   | \$ 17,200,000   | 13.76%                                | 1,346,906  | *  |

(7) Wachovia Capital Markets, LLC and its affiliate, Wachovia Securities LLC, were initial purchasers in our private placements of 1½% Convertible Senior Notes due 2008 in May 2003 and August 2003.