SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

POST EFFECTIVE AMENDMENT NO. 1

FORM S-3

Registration Statement

Under

The Securities Act Of 1933

SOUTHWEST AIRLINES CO.

(Exact name of registrant as specified in its charter)

TEXAS

(State or other Jurisdiction of Incorporation or Organization)

741563240 (I.R.S. Employer

Identification Number)

2702 Love Field Drive, Dallas, TX 75235 214/792-4000

(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

LAURA WRIGHT

Senior Vice President - Chief Financial Officer Southwest Airlines Co.

2702 Love Field Drive, Dallas, TX 75235 214/792-4459

(Name, address, including zip code, and telephone number, including area code, of agent for service)

COPIES OF CORRESPONDENCE TO:

DEBORAH ACKERMAN

Vice President - General Counsel Southwest Airlines Co. 2702 Love Field Drive, Dallas, TX 75235 214/792-4665

Approximate date of commencement of proposed sale to the public: This Post-Effective Amendment No. 1 deregisters those debt securities and/or pass-through certificates that remain unsold hereunder as of the effective date hereof.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, check the following box. $[\]$

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. []

If this Form is filed to register additional securities for an offering pursuant to Rule $462\,(b)$ under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier

<Page>

effective registration statement for the same offering. []

If this Form is a post-effective amendment filed pursuant to Rule
462(c) under the Securities Act, check the following box and list the
Securities Act registration statement number of the earlier effective
registration statement for the same offering. []

If delivery of the prospectus is expected to be made pursuant to Rule 434, check the following box. []

DEREGISTRATION OF SECURITIES

The Registration Statement on Form S-3 (Registration No. 333-71392)(the "Registration Statement") of Southwest Airlines Co. (the "Company"), pertaining to the registration of \$1,000,000,000 of debt securities and pass-through certificates (the "Securities") to which this Post-Effective Amendment No. 1 relates, was filed with the Securities and Exchange Commission on October 11, 2001. The Company hereby removes from registration all Securities registered under the Registration Statement which remain unsold as of the date of this Post-Effective Amendment No. 1.

[Remainder of Page Intentionally Left Blank]

<Page>

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to the Registration Statement to be signed on its behalf by the undersigned thereunto duly authorized in the City of Dallas, State of Texas on November 17, 2005.

SOUTHWEST AIRLINES CO.

By /s/ Laura Wright
Laura Wright
Senior Vice President
and Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to the Registration Statement has been signed by the following persons in the capacities indicated on November 17, 2005.

Signature Capacity

/s/ Herbert D. Kelleher Chairman of the Board of Directors

Herbert D. Kelleher

Chief Executive Officer and Director

/s/ Gary C. Kelly Gary C. Kelly

/s/ Colleen C. Barrett President and Director

Colleen C. Barrett

/s/ Laura Wright Senior Vice President and Chief Financial Officer

Laura Wright (principal financial and accounting officer)

/s/ C. Webb Crockett Director

C. Webb Crockett

/s/ William H. Cunningham Director

William H. Cunningham, Ph.D.

/s/ William P. Hobby Director

William P. Hobby

/s/ Travis C. Johnson Director

Travis C. Johnson

/s/ R. W. King Director

R. W. King

/s/ June M. Morris Director

June M. Morris

<Page>
/s/ John T. Montford Director
John T. Montford

/s/ Louis Caldera Director Louis Caldera

/s/ Nancy Loeffler Director Nancy Loeffler <Page>