SOUTHWEST AIRLINES CO

Form 4

February 24, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB 3235-0287 Number:

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

burden hours per response... 0.5

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** RIDLEY DAVIS S /TX			2. Issuer Name and Ticker or Trading Symbol SOUTHWEST AIRLINES CO [LUV]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
	st) (First) (Middle) HWEST AIRLINES 702 LOVE FIELD DRIVE			3. Date of Earliest Transaction (Month/Day/Year) 02/22/2010					Director 10% Owner Officer (give title Other (specify below) Senior Vice President			
				4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tal	ole I - Non	-Derivative	Secu	rities A	equired, Dispose	d of, or Benef	icially Owned		
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		Date, if	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price				5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Ownership Indirect Form: Beneficial Direct (D) Ownership or Indirect (Instr. 4)		
Common Stock	02/22/2010			I	25,786 (1)	D	\$ 12.5	0	I	By ProfitSharing Plan		
Common Stock								39,000	D			
Common Stock								800	I	As Custodian for Son		

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title a	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities		(Instr. 3	and 4)		Owne	
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									mount		
						Date	Expiration Date	or Title Number of			
						Exercisable					
				C 1 W	(A) (D)						
				Code V	(A) (D)			S	hares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

RIDLEY DAVIS S /TX SOUTHWEST AIRLINES CO. 2702 LOVE FIELD DRIVE DALLAS, TX 75235

Senior Vice President

Signatures

/s/ Marilyn R. Post on behalf of and as attorney-in-fact for Davis S. Ridley

02/24/2010

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Share amount reflected exempt transactions under the Issuer's ProfitSharing Plan. The information reported herein is based on the most recently available plan statement.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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