

$$DF = \frac{WCO_2 - WCO_{2d}}{WCO_{2e} - WCO_{2d}} - 1$$

(c) *Humidity calculations.* (1) The following abbreviations (and units) apply to paragraph (b) of this section:

- BARO=barometric pressure (Pa).
- H=specific humidity, (g H₂O/g of dry air).
- K_H=conversion factor=0.6220 g H₂O/g dry air.
- M_{air}=Molecular weight of air=28.9645.
- M_{H₂O}=Molecular weight of water=18.01534.
- P_{DB}=Saturation vapor pressure of water at the dry bulb temperature (Pa).
- P_{DP}=Saturation vapor pressure of water at the dewpoint temperature (Pa).
- P_v=Partial pressure of water vapor (Pa).
- P_{WB}=Saturation vapor pressure of water at the wet bulb temperature (Pa).
- T_{DB}=Dry bulb temperature (Kelvin).
- T_{WB}=Wet bulb temperature (Kelvin).
- Y=Water-vapor volume concentration.

(2) The specific humidity on a dry basis of the intake air (H) is defined as:
 $H = \frac{(K_H)(P_v)}{(BARO - P_v)}$

(3) The partial pressure of water vapor may be determined using a dew point device. In that case:

$$P_v = P_{DP}$$

(4) The percent of relative humidity (RH) is defined as:

$$RH = \frac{P_v}{P_{DB}} \cdot 100$$

(5) The water-vapor volume concentration on a dry basis of the engine intake air (Y) is defined as:

$$Y = \frac{(H)(M_{air})}{(M_{H_2O})} = \frac{P_v}{(BARO - P_v)}$$

(d) *NO_x correction factor.* (1) NO_x emission rates (M_{NO_x mode}) shall be adjusted to account for the effects of humidity and temperature by multiplying each emission rate by K_{NO_x}, which is calculated from the following equations:

$$K_{NO_x} = (K)(1 + (0.25(\log K)^2)^{1/2})$$

$$K = (K_H)(K_T)$$

$$K_H = \frac{[C_1 + C_2(\exp(-0.0143)(10.714))] / [C_1 + C_2(\exp(-0.0143)(1000H))]}{C_1 = -8.7 + 164.5 \exp(-0.0218(A/F)_{wet})}$$

$$C_2 = 130.7 + 3941 \exp(-0.0248(A/F)_{wet})$$

Where:

(A/F)_{wet}=Mass of moist air intake divided by mass of fuel intake.

K_T=1/[1-0.017(T₃₀-T_A)] for tests conducted at ambient temperatures below 30 °C.

K_T=1.00 for tests conducted at ambient temperatures at or above 30 °C.

T₃₀=The measured intake manifold air temperature in the locomotive when operated at 30 °C (or 100 °C, where intake manifold air temperature is not available).

T_A=The measured intake manifold air temperature in the locomotive as tested (or

the ambient temperature (°C), where intake manifold air temperature is not available).

(e) *Other calculations.* Calculations other than those specified in this section may be used with the advance approval of the Administrator.

[FR Doc. 01-55530 Filed 11-23-01; 8:45 am]

Editorial Note: On Monday, November 26, 2001, this rule document FR Doc. 01-55530 appeared on 66 FR 58953-58964. Due to additional text being inadvertently added, it is being reprinted in its entirety.

[FR Doc. R1-55530 Filed 11-28-01; 8:45 am]

BILLING CODE 1505-01-D

FEDERAL RESERVE SYSTEM

[Docket No. R-1115]

Federal Reserve Bank Services

Correction

In notice document 01-27779 beginning on page 56310 in the issue of Wednesday, November 7, 2001, make the following corrections:

1. On page 56310, in Table 1, the title should have appeared as follows:

TABLE 1.—PRO FORMA COST AND REVENUE PERFORMANCE ^a

2. On page 56315, in Table 5, in the fourth column, the column title, “Estimated growth 2001 (percent)”

should read, “Estimated 2001 growth (percent)”.

3. On the same page, Table 7 should have appeared as follows:

TABLE 7.—SELECTED CHECK FEES

	2001 Current price ranges (per item)	2002 price ranges (per item)
Items:		
Forward-processed		
City	\$0.001 to 0.079	\$0.001 to 0.079
RCPC	\$0.003 to 0.200	\$0.003 to 0.300
Forward fine-sort		
City	\$0.003 to 0.021	\$0.003 to 0.021
RCPC	\$0.003 to 0.036	\$0.004 to 0.036
Qualified returned checks		
City	\$0.08 to 0.85	\$0.08 to 0.85
RCPC	\$0.10 to 1.15	\$0.10 to 1.15
Raw returned checks		
City	\$1.05 to 5.00	\$1.05 to 5.00
RCPC	\$1.05 to 5.00	\$1.05 to 5.00
Cash letters:	(per cash letter)	(per cash letter)
Forward-processed ^a	\$2.00 to 32.00	\$2.25 to 36.00
Forward fine-sort	\$3.00 to 14.00	\$3.50 to 14.00
Returned checks: raw/qualified	\$2.00 to 14.00	\$2.00 to 14.50
Payor bank services:	(Fixed) (per item)	(Fixed) (per item)
MICR information	\$2-15 \$0.0020-0.0070	\$2-15 \$0.0030-0.0110
Electronic presentment	\$1-11 \$0.0005-0.0100	\$1-12 \$0.0005-0.0100
Truncation	\$2-7 \$0.0020-0.0180	\$2-7 \$0.0040-0.0180
Image capture	\$2-15 \$0.0020-0.02	\$2-15 \$0.002-0.02
Image delivery	Varies ^b \$0.001-0.008	Varies ^b \$0.002-0.008
Image archive	N/A \$0.001-0.01	N/A \$0.001-0.01
Image retrieval	N/A \$0.3-5	N/A \$0.3-5

Note: Bold indicates change from 2001 prices.

^aCash letter fees for forward-processed items transported on Check Relay for 2001 and 2002 include a fifty-cent surcharge due to higher fuel costs.

^b Fixed fee varies by media type.

4. On page 56319, in Table 10, the line below the title, "In millions of dollars" should read, "[In millions of dollars]".

5. On page 56321, in the second column, in the footnote, in the second to the last line, "shore" should read, "short".

6. On page 56323, Table 13 should have appeared as follows:

TABLE 13.—COMPARISON OF PRO FORMA BALANCE SHEETS FOR FEDERAL RESERVE PRICED SERVICES
[Millions of dollars—average for year]

	2002	2001
Short-term assets:		
Imputed reserve requirement on clearing balances ²⁷	\$ 678.5	\$ 742.4
Investment in marketable securities ²⁷	5,473.0	6,681.9
Receivables	81.7	77.3
Materials and supplies	3.8	3.6
Prepaid expenses	27.8	23.4
Items in process of collection ²⁸	4,102.8	3,606.7
Total short-term assets	10,367.6	11,135.3
Long-term assets:		
Premises ²⁹	431.1	417.5
Furniture and equipment	177.7	185.5
Leasehold improvements and long-term prepayments	70.4	73.9
Prepaid pension costs	800.1	718.5
Total long-term assets	1,479.3	1,395.4
Total assets	\$11,846.9	\$12,530.7
Short-term liabilities:		
Clearing balances and balances arising from early credit of uncollected items	\$ 7,377.5	\$ 7,424.3
Deferred credit items ²⁸	3,509.8	3,606.7
Short-term debt ³⁰	0.0	18.9
Short-term payables	103.9	85.4
Total short-term liabilities	10,991.2	11,135.3
Long-term liabilities:		
Postemployment/retirement benefits	263.4	251.9
Long-term debt ³⁰	0.0	479.1
Total long-term liabilities	263.4	731.0
Total liabilities	11,254.6	11,866.3
Equity	592.3	664.4
Total liabilities and equity	\$11,846.9	\$12,530.7

²⁷Funded with clearing balances.

²⁸Represents float costs that are directly estimated at the service level.

²⁹Includes allocations of Board of Governors' assets to priced services of \$1.1 million for 2002 and \$0.7 million for 2001.

³⁰No debt is imputed in 2002 because clearing balances are used as an available funding source.

7. On page 56324, Table 14 should have appeared as follows:

TABLE 14.—PORTION OF CLEARING BALANCES USED TO FUND PRICED SERVICES ASSETS IN 2002

[Dollar amounts in millions]

A. Short-term asset funding:			
Short-term assets to be funded:			
Receivables		\$81.7	
Materials and supplies		3.8	
Prepaid expenses		27.8	
Total short-term assets to be funded			113.3
Short-term funding sources:			
Short-term payables			103.9
Portion of short-term assets funded with imputed short-term debt or non-core clearing balances ³¹			9.4
B. Long-term asset funding:			
Long-term assets to be funded:			
Premises		\$431.1	
Furniture and equipment		177.7	
Leasehold improvements and long-term prepayments		70.4	
Prepaid pension cost		800.1	
Total long-term assets to be funded			\$1,479.3
Long-term funding sources:			
Postemployment/retirement benefits liability		263.4	
Imputed equity ³²		592.3	
			855.7
Portion of long-term assets funded with imputed long-term debt or core clearing balances ³¹			623.6
C. Total clearing balances used for funding priced-services assets			\$633.0

³¹ Clearing balances shown on table 13 are available for funding priced-services assets. Using these balances reduces the amount available for investment in Treasury bills for the net income on clearing balances calculation. Short-term assets are funded with non-core clearing balances. Long-term assets are funded with core clearing balances; a total of \$4 billion in balances is available for this purpose. No short- or long-term debt is imputed.

³² See table 16 for calculation of required imputed equity amount.

8. On page 56325, in Table 15, under the Total column, in the first entry, "\$78.5" should read, "\$678.5".

9. On the same page, in Table 16, the title should have appeared as follows:

TABLE 16.—DERIVATION OF THE 2002 AND 2001 PSAF
[Dollar amounts in millions]

10. On page 56326, in the continued Table 16, in the first entry, omit "Total equity".

11. On the same page, in Table 17, in the Weighted assets column, in the first entry, "0.0" should read, "\$0.0".

12. On page 56328, in the "Noncash Collection Fee Schedule—Continued"

table, in the fees column, " 5240.00" should read, "40.00⁵²".

13. On page 56329, the table title should appear as follows:

TEST AND CONTINGENCY OPTIONS⁶¹

[FR Doc. C1-27779 Filed 11-28-01; 8:45 am]
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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 121

[Docket No. FAA-2001-10770; SFAR 92-2]

RIN 2120-AH54

Flightcrew Compartment Access and Door Designs

Correction

In rule document 01-29280 beginning on page 58650 in the issue of

Wednesday, November 21, 2001, make the following correction:

SFAR 92-2 [Corrected]

On page 58653, in the third column, in paragraph 4, in the 10th line, after “the” should read, “flightcrew compartment shall be available to any crewmember during flight, except for”.

[FR Doc. C1-29280 Filed 11-28-01; 8:45 am]
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