

SEPARATE ACCOUNTS

Basis of Factors

Guaranteed indexed separate accounts may invest using various approaches which are grouped into Class I or Class II strategies. Additional information on these types of

gradually phased out. For 30 months, actual experience is weighted by the square root of 30/60 and the 4% factor is weighted by one minus the square root of 30/60. For 31 months experience is weighted by the square root of 31/60 and the 4% factor is weighted by one minus the square root of 31/60. This pattern continues up to month 59 when experience is weighted by the square root of 59/60 and the 4% factor is weighted by 1 minus the square root of 59/60.

5. The actual experience based calculation, under step (3) above, needs to be adjusted when there are less than 60 months of experience to gauge the 90 CTE. If the number of months divided by 10 is an integral number n , take the average of the first n values after the series is put in ascending order with positive values set to zero. If n is non integral, then set n to the next highest integral number and interpolate, using each average of the of the first $n-1$ and n values after the series is set in ascending order and positive values are set to zero. For example, if there are 37 values the idea is to identify the worst 3.7 of them. This is done by interpolating, taking 30% of the average of the first three values and 70% of the average of the first four values.
6. The resulting RBC factor is subject to a minimum 0.4%.

R

INTEREST RATE RISK

Basis of Factors

actuarial based on asset adequacy testing

LR042

**EXEMPTION TEST: CASH FLOW TESTING FOR C-3 RBC
LR042**

Specific Instructions for Application of the Formula

Line (5)

Column (1) Line (5) will need to be manual entry if the company has any equity indexed product amounts included in the totals from the Interest Rate Risk Page LR023. Line (5) is calculated as LR023 Interest Rate Risk Column (3) Line (17) times 0.65 plus LR023 Interest Rate Risk Column (3) Line (16) times 0.65 minus any equity indexed product amounts included in these totals times 0.65.

Line (6)

Column (1) Line (6) will also be manual entry if the company has any equity indexed product amounts subtracted from Line (5) above. Line (6) is calculated as LR023 Interest Rate Risk Column (3) (Line (22) + (27) + (29) + (30) + (31)) x 0.65 plus any Equity Indexed amounts subtracted in the Line (5) calculation.

Line (16)

Column (1) Line (16) will need to be manual entry if the company has any equity indexed product amounts included in the totals from the Interest Rate Risk Page LR023. Line (16) is calculated as LR023 Interest Rate Risk Column (3) Line (17) times 0.65 plus LR023 Interest Rate Risk Column (3) Line (16) times 0.65 minus any equity indexed product amounts included in these totals times 0.65.

Line (17)

Column (1) Line (17) will need to be manual entry if the company has any equity indexed product amounts included in the totals from the Interest Rate Risk Page LR023. Line (17) is calculated as LR023 Interest Rate Risk Column (3) Line (17) times 6.5 times 0.65 minus any equity indexed product amounts included in these totals times 6.5 times 0.65.

Line (18)

Column (1) Line (18) will also be manual entry if the company has any equity indexed product amounts subtracted from Line (16) above. Line (18) is calculated as LR023 Interest Rate Risk Column (3) (Line (22) + (27) + (29) + (30) + (31)) x 0.65 plus any Equity Indexed amounts subtracted in the Line (5) calculation.

Appendix 1 – Cash Flow Testing for C-3 RBC

Appendix 1a – Cash Flow Testing for C-3 RBC Methodology

$$pv\ t = \prod^t + i_t$$

SEPARATE ACCOUNTS

			(2)	(3)
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_____			\$	 *
				
				
_____				
_____				



INTEREST RATE RISK

Based on Asset Adequacy Testing



EXEMPTION TEST: CASH FLOW TESTING FOR C-3 RBC

(2)
Yes/No Response
