

SUMMARY SECTION

PARTIAL-EQUITY INTEREST ACCRUAL with COST RECOVERY

SUMMARY SECTION: ESTATE PLANNING



DATE CREATED: 08/26/22

PRIMARY INSURED: M45 - PEIACR \$10MM

ADDITIONAL INSURED: N/A

AGENT: Darren Sugiyama

LIFE INSURANCE COMPARSION SUMMARY:

1 Premium Financed Life Insurance Policy

...vs.

2 Non-Financed Life Insurance Policy

...vs.

3 Non-Insurance Based Investment Account

ESTATE PLANNING COMPARSION SUMMARY:

1 Equities & Bonds Portfolio inside estate (subject to capital gains tax and estate tax)

...vs.

2 Hybrid Portfolio:

a. Same Equities & Bonds Portfolio inside estate (subject to capital gains tax and estate tax)

b. Reposition some portfolio funds into a Premium Financed Life Insurance Policy into an Irrevocable Life Insurance Trust (ILIT) outside the taxable estate

BACKTESTED HYPOTHETICAL SYNTHETIC PROXY COMPARSION SUMMARY:

1 Leveraged Hypothetical Synthetic Proxy

...vs.

2 Non-Leveraged Hypothetical Synthetic Proxy

...vs.

3 Non-Leveraged Equities & Bonds Account

PURPOSE OF SUMMARY SECTION:

The following section is an abbreviated summary of a very expansive document. The full document includes an exhaustive articulation of granular details, including charges, fees, financial outcomes as depicted in an insurance company's illustration, as well as a "proxy" created to further explain the relationship between hypothetical charges, index credits, taxes, volatility, and sequence of returns. The methodologies of such hypothetical depictions are explained in the full document. It is recommended that all interested parties review the official carrier illustration as the primary source of any policy details, as the following document is merely a hypothetical depiction for general educational purposes only and should not be used to determine whether or not any particular product or strategy is suitable for any particular person.

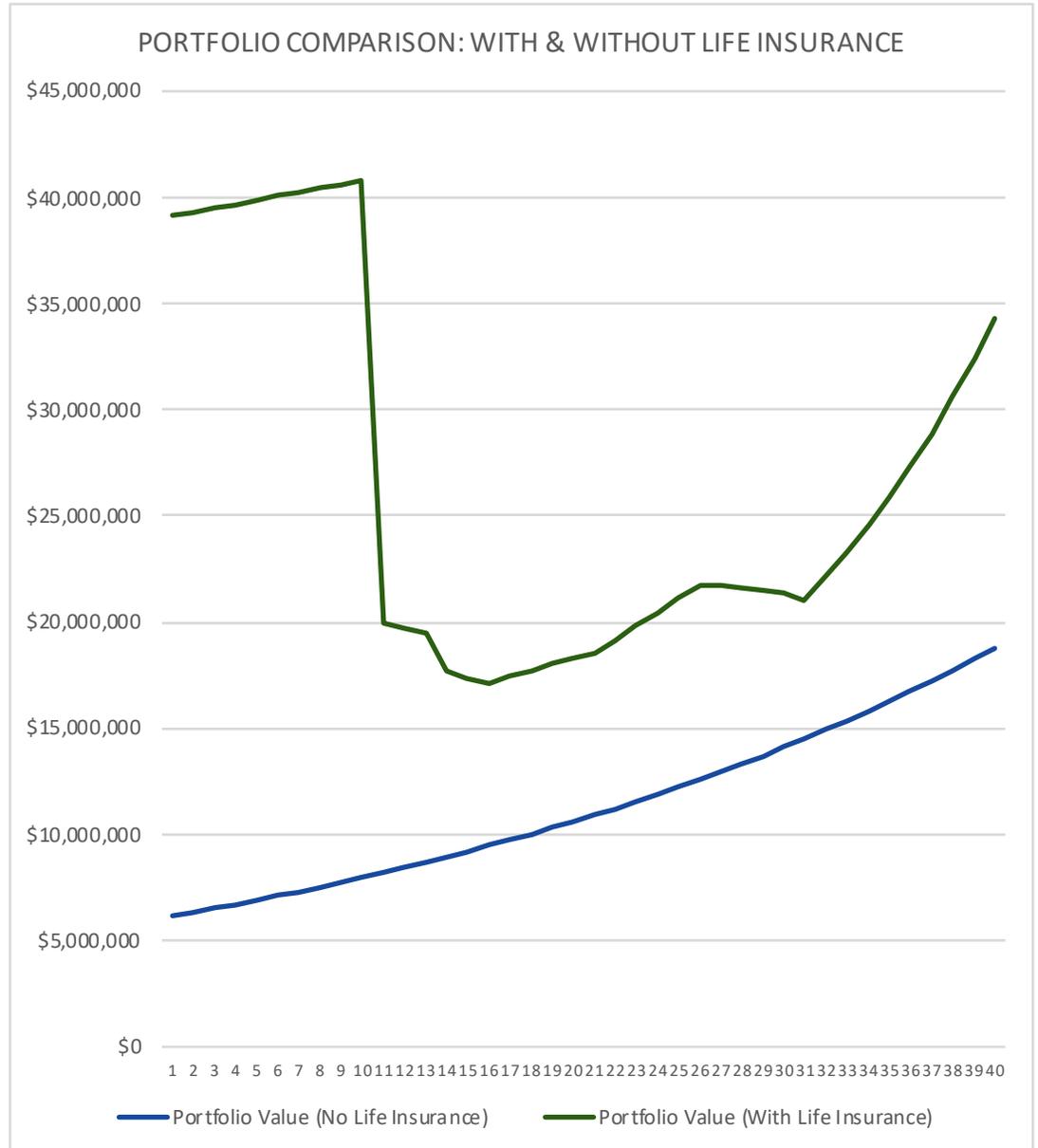
REALLOCATION OF PORTFOLIO ASSETS

- ✓ Life insurance is not an “expense,” rather a “reallocation” of portfolio assets
- ✓ Blue Line = Portfolio (no life insurance)
- ✓ Green Line = Portfolio + Life Insurance Death Benefit

Starting Account Balance: **\$10,000,000**
 Investment Gross Return Assumption: **5.64%**
 All-In Investment Fee Assumption: 1.35%
 Average Capital Gains Tax Rate*: 32.60%
 Estate Tax Rate Assumption**: 40.00%

TOTAL COST RECOVERY DRAWDOWNS: \$4,000,000
 Adjusted Gross Income Assumption: \$250,000
 Short-Term Capital Gains Tax Rate Assumption**: 37.10%
 Long-Term Capital Gains Tax Rate Assumption**: 28.10%

Year	Age	CURRENT PORTFOLIO NET VALUE AT DEATH (NO LIFE INSURANCE)	vs	CURRENT PORTFOLIO THAT REPOSITIONS SOME CAPITAL INTO LIFE	-	AMOUNT REPOSITIONED INTO LIFE INSURANCE	=	TOTAL PORTFOLIO NET VALUE AT DEATH (WITH LIFE)
1	45	\$6,173,488	vs	\$5,926,548	-	\$400,000	=	\$39,139,149
2	46	\$6,351,992	vs	\$5,850,972	-	\$400,000	=	\$39,297,347
3	47	\$6,535,657	vs	\$5,773,211	-	\$400,000	=	\$39,470,190
4	48	\$6,724,633	vs	\$5,693,202	-	\$400,000	=	\$39,656,308
5	49	\$6,919,073	vs	\$5,610,879	-	\$400,000	=	\$39,853,479
6	50	\$7,119,135	vs	\$5,526,176	-	\$400,000	=	\$40,050,436
7	51	\$7,324,982	vs	\$5,439,024	-	\$400,000	=	\$40,249,721
8	52	\$7,536,781	vs	\$5,349,351	-	\$400,000	=	\$40,445,590
9	53	\$7,754,704	vs	\$5,257,086	-	\$400,000	=	\$40,630,791
10	54	\$7,978,928	vs	\$5,162,153	-	\$400,000	=	\$40,796,711
11	55	\$8,209,636	vs	\$5,311,415	-	\$0	=	\$19,936,646
12	56	\$8,447,014	vs	\$5,464,992	-	\$0	=	\$19,734,536
13	57	\$8,691,256	vs	\$5,623,010	-	\$0	=	\$19,440,471
14	58	\$8,942,560	vs	\$5,785,597	-	\$0	=	\$17,745,977
15	59	\$9,201,131	vs	\$5,952,886	-	\$0	=	\$17,363,243
16	60	\$9,467,178	vs	\$6,125,011	-	\$0	=	\$17,108,245
17	61	\$9,740,917	vs	\$6,302,113	-	\$0	=	\$17,421,695
18	62	\$10,022,572	vs	\$6,484,336	-	\$0	=	\$17,720,400
19	63	\$10,312,371	vs	\$6,671,828	-	\$0	=	\$18,002,056
20	64	\$10,610,549	vs	\$6,864,741	-	\$0	=	\$18,263,960
21	65	\$10,917,349	vs	\$7,063,233	-	\$0	=	\$18,502,979
22	66	\$11,233,019	vs	\$7,267,463	-	\$0	=	\$19,137,397
23	67	\$11,557,818	vs	\$7,477,599	-	\$0	=	\$19,784,536
24	68	\$11,892,007	vs	\$7,693,811	-	\$0	=	\$20,443,000
25	69	\$12,235,860	vs	\$7,916,274	-	\$0	=	\$21,111,321
26	70	\$12,589,655	vs	\$8,145,170	-	\$0	=	\$21,787,299
27	71	\$12,953,680	vs	\$8,627,624	-	-\$400,000	=	\$21,752,198
28	72	\$13,328,230	vs	\$9,124,028	-	-\$400,000	=	\$21,663,244
29	73	\$13,713,611	vs	\$9,634,785	-	-\$400,000	=	\$21,520,039
30	74	\$14,110,134	vs	\$10,160,310	-	-\$400,000	=	\$21,317,787
31	75	\$14,518,123	vs	\$10,701,031	-	-\$400,000	=	\$21,054,228
32	76	\$14,937,909	vs	\$11,257,387	-	-\$400,000	=	\$22,162,304
33	77	\$15,369,832	vs	\$11,829,829	-	-\$400,000	=	\$23,332,625
34	78	\$15,814,245	vs	\$12,418,823	-	-\$400,000	=	\$24,568,072
35	79	\$16,271,508	vs	\$13,024,848	-	-\$400,000	=	\$25,871,604
36	80	\$16,741,992	vs	\$13,648,396	-	-\$400,000	=	\$27,246,209
37	81	\$17,226,080	vs	\$14,043,034	-	\$0	=	\$28,867,347
38	82	\$17,724,165	vs	\$14,449,083	-	\$0	=	\$30,578,713
39	83	\$18,236,652	vs	\$14,866,872	-	\$0	=	\$32,384,074
40	84	\$18,763,958	vs	\$15,296,742	-	\$0	=	\$34,287,233



*Average of Short-Term & Long-Term Capital Gains Tax rate

**Short-Term & Long-Term Capital Gains Tax rates are hypothetical and are not exact calculations for any specific client

STATIC RETURN LEDGER with LOAN PAYOFF

- ✓ Assumes a static annual return
- ✓ Recovers some of initial outlay
- ✓ "Nest Cost" = Initial Outlay Minus Recovery Drawdowns

SUMMARY OF CARRIER-ILLUSTRATED STATIC RETURNS (DESIGNED TO STAY IN FORCE UNTIL AGE 120)

version 531993

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PARTIAL-EQUITY INTEREST ACCRUAL

At This Index Credit Assumption, Death Benefit Lasts Until Age: **120**

5 of 10

08/26/22

Health Rating:		PREFERRED			Third Party Loan Payoff Type:		PAR LOAN		PLR:	5.14%		Initial Gross Policy Face Amount:		\$33,000,000				
YEAR	AGE	1 TOTAL POLICY PREMIUMS	2 EQUITY PREMIUMS	3 BORROWED PREMIUMS	4 CUMULATIVE PF LOAN BALANCE	5 FINANCING INTEREST RATE	6 INTEREST DUE	7 INTEREST ACCRUED	8 CLIENT CONTRIBUTION	9 (Cash) GAP COLLATERAL	10 HYPOTHETICAL INDEX CREDIT	11 POLICY DRAWDOWNS	12 GROSS POLICY CSV	13 POLICY CSV NET OF LOANS	14 DEATH BENEFIT NET OF LOANS	15 DEATH BENEFIT +YTY INCOME DRAWDOWN IRR	YEAR	AGE
1	45	\$2,000,000	\$400,000	\$1,600,000	\$1,600,000	4.39%	\$70,240	\$70,240	\$400,000	\$507,665	5.64%	\$0	\$1,245,958	-\$354,042	\$33,212,601	8203.15%	1	45
2	46	\$2,000,000	\$400,000	\$1,600,000	\$3,270,240	4.49%	\$146,671	\$146,671	\$400,000	\$512,828	5.64%	\$0	\$3,203,563	-\$66,677	\$33,446,374	765.78%	2	46
3	47	\$2,000,000	\$400,000	\$1,600,000	\$5,016,911	4.58%	\$229,976	\$229,976	\$400,000	\$518,836	5.64%	\$0	\$5,255,124	\$238,213	\$33,696,979	300.42%	3	47
4	48	\$2,000,000	\$400,000	\$1,600,000	\$6,846,887	4.69%	\$320,920	\$320,920	\$400,000	\$520,718	5.64%	\$0	\$7,405,974	\$559,087	\$33,963,106	171.94%	4	48
5	49	\$2,000,000	\$400,000	\$1,600,000	\$8,767,808	4.79%	\$420,369	\$420,369	\$400,000	\$524,284	5.64%	\$0	\$9,662,060	\$894,252	\$34,242,600	115.95%	5	49
6	50	\$2,000,000	\$400,000	\$1,600,000	\$10,788,177	4.91%	\$529,299	\$529,299	\$400,000	\$541,127	5.64%	\$0	\$12,020,223	\$1,232,045	\$34,524,260	85.54%	6	50
7	51	\$2,000,000	\$400,000	\$1,600,000	\$12,917,476	5.02%	\$648,812	\$648,812	\$400,000	\$569,325	5.64%	\$0	\$14,493,015	\$1,575,539	\$34,810,697	66.74%	7	51
8	52	\$2,000,000	\$400,000	\$1,600,000	\$15,166,288	5.14%	\$780,160	\$780,160	\$400,000	\$615,945	5.64%	\$0	\$17,085,118	\$1,918,830	\$35,096,238	54.10%	8	52
9	53	\$2,000,000	\$400,000	\$1,600,000	\$17,546,448	5.27%	\$924,762	\$924,762	\$400,000	\$688,859	5.64%	\$0	\$19,801,188	\$2,254,740	\$35,373,705	45.08%	9	53
10	54	\$2,000,000	\$400,000	\$1,600,000	\$20,071,211	5.40%	\$1,084,234	\$1,084,234	\$400,000	\$797,329	5.64%	\$0	\$22,645,939	\$2,574,729	\$35,634,558	38.35%	10	54
11	55	\$0	\$0	\$0	\$21,155,445	5.54%	\$1,171,793	\$1,171,793	\$0	\$941,968	5.64%	\$0	\$23,853,784	\$2,698,339	\$14,625,231	19.67%	11	55
12	56	\$0	\$0	\$0	\$22,327,238	5.68%	\$1,268,564	\$1,268,564	\$0	\$1,087,072	5.64%	\$0	\$25,066,289	\$2,739,050	\$14,269,543	16.93%	12	56
13	57	\$0	\$0	\$0	\$23,595,802	5.83%	\$1,375,712	\$1,375,712	\$0	\$1,269,832	5.64%	\$0	\$26,347,368	\$2,811,566	\$13,817,461	14.67%	13	57
14	58	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$24,971,514	\$1,446,917	\$1,446,917	\$11,960,380	11.64%	14	58
15	59	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$1,529,691	\$1,529,691	\$11,410,358	10.10%	15	59
16	60	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$1,777,646	\$1,777,646	\$10,983,234	8.90%	16	60
17	61	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$2,047,448	\$2,047,448	\$11,119,582	8.30%	17	61
18	62	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$2,341,021	\$2,341,021	\$11,236,064	7.77%	18	62
19	63	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$2,660,335	\$2,660,335	\$11,330,228	7.29%	19	63
20	64	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$3,007,365	\$3,007,365	\$11,399,219	6.86%	20	64
21	65	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$3,384,072	\$3,384,072	\$11,439,746	6.47%	21	65
22	66	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$3,789,513	\$3,789,513	\$11,869,933	6.32%	22	66
23	67	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$4,224,800	\$4,224,800	\$12,306,937	6.18%	23	67
24	68	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$4,691,050	\$4,691,050	\$12,749,189	6.05%	24	68
25	69	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$5,189,488	\$5,189,488	\$13,195,047	5.92%	25	69
26	70	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$5,720,871	\$5,720,871	\$13,642,128	5.81%	26	70
27	71	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$5,878,344	\$5,878,344	\$13,124,574	5.52%	27	71
28	72	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,066,638	\$6,066,638	\$12,539,216	5.23%	28	72
29	73	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,293,778	\$6,293,778	\$11,885,254	4.96%	29	73
30	74	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,564,764	\$6,564,764	\$11,157,477	4.68%	30	74
31	75	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,887,917	\$6,887,917	\$10,353,197	4.41%	31	75
32	76	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$7,244,751	\$7,244,751	\$10,904,917	4.55%	32	76
33	77	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$7,637,115	\$7,637,115	\$11,502,795	4.69%	33	77
34	78	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$8,066,888	\$8,066,888	\$12,149,248	4.81%	34	78
35	79	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$8,535,989	\$8,535,989	\$12,846,756	4.92%	35	79
36	80	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$9,046,330	\$9,046,330	\$13,597,813	5.02%	36	80
37	81	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$10,019,228	\$10,019,228	\$14,824,313	5.11%	37	81
38	82	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$11,057,428	\$11,057,428	\$16,129,630	5.19%	38	82
39	83	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$12,163,719	\$12,163,719	\$17,517,202	5.27%	39	83
40	84	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$13,340,886	\$13,340,886	\$18,990,492	5.34%	40	84

-\$20,000,000 -\$4,000,000 -\$16,000,000

\$8,971,514 \$8,971,514 \$4,000,000 TOTAL INCOME DRAWN: -\$4,000,000

PREMIUM FINANCING INTEREST ASSUMPTIONS	
Date Base Rate Calculated:	8/26/2022
Base Rate Used:	1-Month CMT
Current 1-Month CMT Rate:	2.29%
CMT Compounded Annual Increase:	4.15%
Lender Spread:	2.10%
Total Rate Floor:	2.10%
GLO1 \$1M-\$1.49M Year-1 Rate:	4.39%
POLICY INDEX CREDIT ASSUMPTIONS	
AG-49 (Average of every 25-yr run over last 65 years):	5.64%
Reduced Assumed Index Credit:	5.64%

GAP COLLATERAL REQUIREMENTS	
Type Of Gap Collateral:	Cash Index Credit
Collateral Valued At:	100.00% Assumption (ICA) 0.00%
The Gap Collateral (in years 3+) is calculated by the cumulative loan balance in a given year, minus 95% of the EOY Gross AV two years prior, plus the sum of the premium paid in the previous year minus policy charges, plus the new premium entering the policy in the current year minus policy charges and surrender charges in the current year + ICA. This calculation is the equivalent of assuming a 0% index credit in the previous year (whose EOY index credit would not have credited at the time of the current year's loan anniversary and the current year's EOY index credit would not have credited yet either. This value is then multiplied by the % of "Collateral Valued At" above, estimating the gap collateral required based on the type of collateral chosen. The collateral depicted is purely hypothetical and may vary.	

FINANCIAL BENEFIT SUMMARY	
1ST YEAR COLLATERAL REQUIREMENT:	\$507,665
PREMIUMS PAID BY CLIENT:	-\$4,000,000
LOAN INTEREST PAID BY CLIENT:	\$0
TOTAL CLIENT OUTLAY:	-\$4,000,000
TOTAL DRAWDOWNS (excluding loan payoff):	\$4,000,000
40-YEAR PROGRAM NET CASH FLOW:	\$0
YEAR 40 NET CASH SURRENDER VALUE:	\$13,340,886
40-YEAR CASH GAIN (excluding death benefit):	\$13,340,886
40-YEAR NET CSV IRR:	4.54%

The rates and values shown above are not guaranteed and are subject to change by the insurer. Actual financial outcomes may be less favorable or more favorable than this hypothetical static depiction. For more information regarding Gap Collateral, see the section on the next page of this document titled "Collateral." Please see the full carrier illustration for guaranteed values and other important information. This is only a hypothetical depiction and does not imply any guarantees of outcomes whatsoever. Actual performance is subject to index returns and the carrier's underlying crediting policy charges. The insurance carrier is bound only by the terms of the life insurance contracts it issues. Additional loan fees may apply depending on the lender and lender's loan terms. Refer to lender's loan document for details.



ONGOING COST & BENEFIT COMPARISON:

- ✓ Non-Financed Policy
- ✓ Premium Financed Policy
- ✓ Non-Insurance Based Investment

**Same annual return assumption in all three assets*

NON-FINANCED SOLUTION

This solution requires the client to pay premiums out of pocket throughout the period shown below in the "Annual Premium" column.

version NF157086

NON-FINANCED IUL		5.64%		
AGE	ANNUAL PREMIUM	CASH VALUE	DEATH BENEFIT	
1	45	\$196,501	\$51,609	\$10,000,000
2	46	\$196,501	\$219,911	\$10,000,000
3	47	\$196,501	\$395,317	\$10,000,000
4	48	\$196,501	\$578,347	\$10,000,000
5	49	\$196,501	\$769,623	\$10,000,000
6	50	\$196,501	\$969,615	\$10,000,000
7	51	\$196,501	\$1,178,922	\$10,000,000
8	52	\$196,501	\$1,398,106	\$10,000,000
9	53	\$196,501	\$1,627,600	\$10,000,000
10	54	\$196,501	\$1,867,887	\$10,000,000
11	55	\$196,501	\$2,148,517	\$10,000,000
12	56	\$0	\$2,246,767	\$10,000,000
13	57	\$0	\$2,349,044	\$10,000,000
14	58	\$0	\$2,455,353	\$10,000,000
15	59	\$0	\$2,565,719	\$10,000,000
16	60	\$0	\$2,680,229	\$10,000,000
17	61	\$0	\$2,799,003	\$10,000,000
18	62	\$0	\$2,922,071	\$10,000,000
19	63	\$0	\$3,049,308	\$10,000,000
20	64	\$0	\$3,180,481	\$10,000,000
21	65	\$0	\$3,315,529	\$10,000,000
22	66	\$0	\$3,454,560	\$10,000,000
23	67	\$0	\$3,597,901	\$10,000,000
24	68	\$0	\$3,744,980	\$10,000,000
25	69	\$0	\$3,895,470	\$10,000,000
26	70	\$0	\$4,049,443	\$10,000,000
27	71	\$0	\$4,207,113	\$10,000,000
28	72	\$0	\$4,368,488	\$10,000,000
29	73	\$0	\$4,533,161	\$10,000,000
30	74	\$0	\$4,700,680	\$10,000,000
31	75	\$0	\$4,870,913	\$10,000,000
32	76	\$0	\$5,043,860	\$10,000,000
33	77	\$0	\$5,219,486	\$10,000,000
34	78	\$0	\$5,397,684	\$10,000,000
35	79	\$0	\$5,578,451	\$10,000,000
36	80	\$0	\$5,761,971	\$10,000,000
37	81	\$0	\$5,946,957	\$10,000,000
38	82	\$0	\$6,130,086	\$10,000,000
39	83	\$0	\$6,310,824	\$10,000,000
40	84	\$0	\$6,488,818	\$10,000,000

\$2,161,511
TOTAL NET COST
(OVER 40 YEARS)

PREMIUM FINANCED w/ COST RECOVERY

In this solution, the client is paying a portion of the premium, and borrowing the remaining premium, and accruing the interest.

version 531993

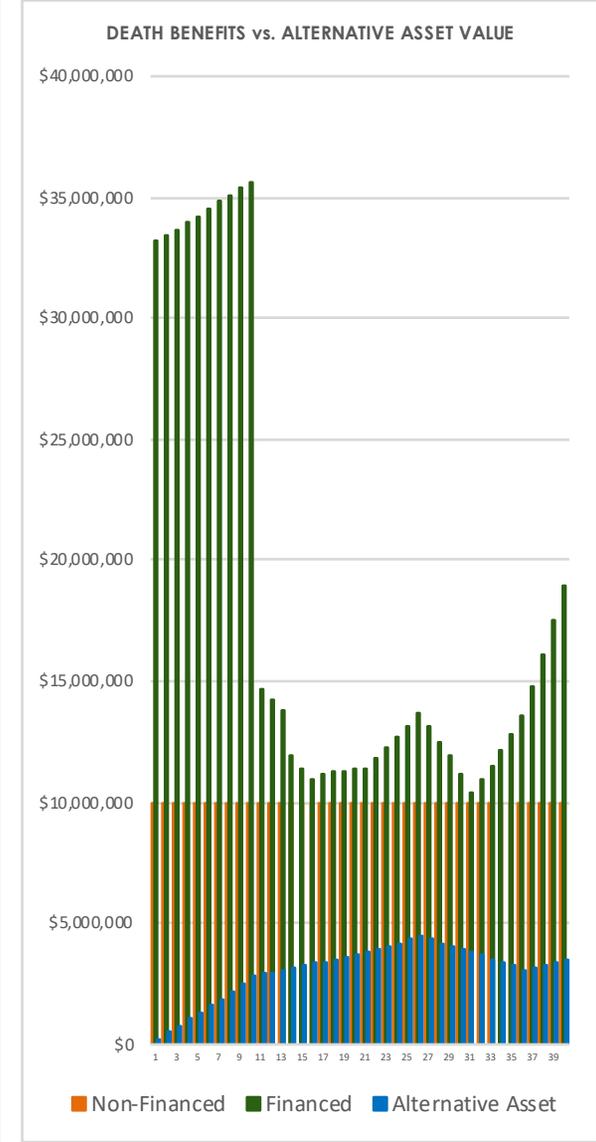
PARTIAL-EQUITY INTEREST ACCRUAL		5.64%		
AGE	ANNUAL CONTRIBUTION	CASH VALUE NET OF LOANS	DEATH BENEFIT NET OF LOANS	
1	45	\$400,000	\$0	\$33,212,601
2	46	\$400,000	\$0	\$33,446,374
3	47	\$400,000	\$238,213	\$33,696,979
4	48	\$400,000	\$559,087	\$33,963,106
5	49	\$400,000	\$894,252	\$34,242,600
6	50	\$400,000	\$1,232,045	\$34,524,260
7	51	\$400,000	\$1,575,539	\$34,810,697
8	52	\$400,000	\$1,918,830	\$35,096,238
9	53	\$400,000	\$2,254,740	\$35,373,705
10	54	\$400,000	\$2,574,729	\$35,634,558
11	55	\$0	\$2,698,339	\$14,625,231
12	56	\$0	\$2,739,050	\$14,269,543
13	57	\$0	\$2,751,566	\$13,817,461
14	58	\$0	\$1,446,917	\$11,960,380
15	59	\$0	\$1,529,691	\$11,410,358
16	60	\$0	\$1,777,646	\$10,983,234
17	61	\$0	\$2,047,448	\$11,119,582
18	62	\$0	\$2,341,021	\$11,236,064
19	63	\$0	\$2,660,335	\$11,330,228
20	64	\$0	\$3,007,365	\$11,399,219
21	65	\$0	\$3,384,072	\$11,439,746
22	66	\$0	\$3,789,513	\$11,869,933
23	67	\$0	\$4,224,800	\$12,306,937
24	68	\$0	\$4,691,050	\$12,749,189
25	69	\$0	\$5,189,488	\$13,195,047
26	70	\$0	\$5,720,871	\$13,642,128
27	71	-\$400,000	\$5,878,344	\$13,124,574
28	72	-\$400,000	\$6,066,638	\$12,539,216
29	73	-\$400,000	\$6,293,778	\$11,885,254
30	74	-\$400,000	\$6,564,764	\$11,157,477
31	75	-\$400,000	\$6,887,917	\$10,353,197
32	76	-\$400,000	\$7,244,751	\$10,904,917
33	77	-\$400,000	\$7,637,115	\$11,502,795
34	78	-\$400,000	\$8,066,888	\$12,149,248
35	79	-\$400,000	\$8,535,989	\$12,846,756
36	80	-\$400,000	\$9,046,330	\$13,597,813
37	81	\$0	\$10,019,228	\$14,824,313
38	82	\$0	\$11,057,428	\$16,129,630
39	83	\$0	\$12,163,719	\$17,517,202
40	84	\$0	\$13,340,886	\$18,990,492

\$0
TOTAL NET COST
AFTER \$4MM COST RECOVERY DRAWDOWNS

NON-INSURANCE BASED ALTERNATIVE ASSET

This Alternative Asset (n blue) depicts the same annual contribution invested in a non-insurance based account with the same static gross return as the as-illustrated policy index return, minus taxes (shown at the bottom of this graph in blue font). There are no investment fees assumed in this depiction.

5.64% ALTERNATIVE ASSET	
AGE	ALTERNATIVE ASSET
1	\$246,940
2	\$501,019
3	\$762,445
4	\$1,031,431
5	\$1,308,194
6	\$1,592,959
7	\$1,885,958
8	\$2,187,430
9	\$2,497,618
10	\$2,816,775
11	\$2,898,221
12	\$2,982,022
13	\$3,068,246
14	\$3,156,963
15	\$3,248,245
16	\$3,342,167
17	\$3,438,804
18	\$3,538,236
19	\$3,640,542
20	\$3,745,807
21	\$3,854,116
22	\$3,965,556
23	\$4,080,219
24	\$4,198,196
25	\$4,319,586
26	\$4,444,485
27	\$4,326,056
28	\$4,204,202
29	\$4,078,826
30	\$3,949,824
31	\$3,817,092
32	\$3,680,522
33	\$3,540,003
34	\$3,395,422
35	\$3,246,659
36	\$3,093,596
37	\$3,183,046
38	\$3,275,082
39	\$3,369,780
40	\$3,467,216



Taxable Gains Rate Assumption: 32.60%
Estate Tax Rate Assumption: 40.00%
Investment Fee Assumption: 1.35%



DOLLARS IN/OUT SUMMARY COMPARISON (STATIC RETURN)

- ✓ Non-Financed Policy
- ✓ Premium Financed Policy
- ✓ Non-Insurance Based Investment

**Same annual return assumption in all three assets.*

3 DIFFERENT FINANCIAL SOLUTIONS



DATE CREATED: 08/26/22

PRIMARY INSURED: M45 - PEIACR \$10MM
ADDITIONAL INSURED: N/A

AGENT: Darren Sugiyama

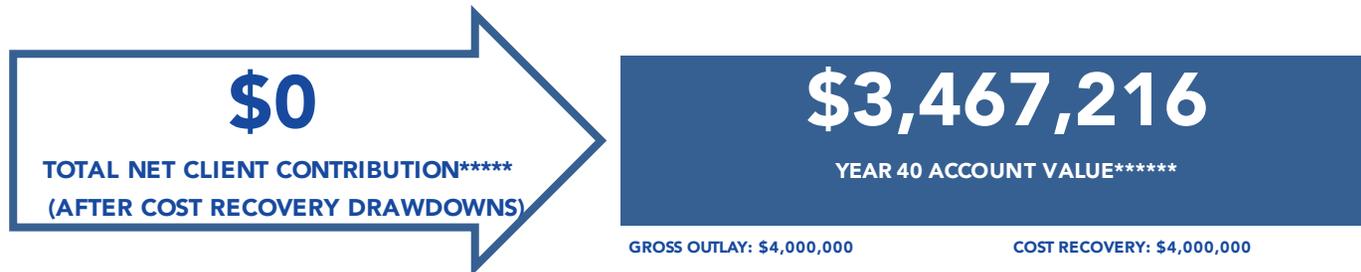
PREMIUM FINANCED LIFE INSURANCE: PARTIAL-EQUITY INTEREST ACCRUAL



NON-FINANCED LIFE INSURANCE



NON-INSURANCE BASED INVESTMENT ACCOUNT



*TOTAL NET CLIENT COST is the total client outlay minus any cost recovery drawdowns from policy values.

**LOWPOINT DEATH BENEFIT (1ST 40 YEARS) assumes a 5.64% index credit. See carrier illustration for details.

***TOTAL NET CLIENT COST is the total client-paid premium.

****LEVEL DEATH BENEFIT assumes a 5.64% index credit. See carrier illustration for details.

*****TOTAL NET CLIENT CONTRIBUTION is the same client outlay as the premium financed life insurance solution minus cost recovery drawdowns.

*****YEAR 40 ACCOUNT VALUE assumes a 5.64% return, 1.35% investment fees, 32.6% tax on gains, and 40% estate taxes.

BACKTESTED PROXY: WORST 40-YEAR PERIOD LEDGER

- ✓ Depicts Volatility & Poor Sequence of Returns
- ✓ Floor & Cap Crediting Methodology
- ✓ Same Cost Recovery Drawdowns as Static Depiction

**The "Worst 40-Year Period" is the historical 40-year period that produced the lowest Compounded Annual Growth Rate out of 121 different 40-year periods analyzed. The "proxy" is a fictitious synthetically-produced asset, not an actual life insurance product.*

HYPOTHETICAL SYNTHETIC PROXY

PARTIAL-EQUITY INTEREST ACCRUAL

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

Current Pre-Bonus Cap: 8.75%

Current Post-Bonus Max Cap: 10.90%

PAGE 7

		Participation Rate: 100.00%			Floor Modeled: 0.00%		Upside Design: CAPPED				Pre-Bonus Cap Modeled: 8.25%		Post-Bonus Max Cap Modeled: 10.90%			8/26/2022		
#	YEAR	1 TOTAL INDEX CONTRIBUTION	2 CLIENT INDEX CONTRIBUTIONS	3 LENDER INDEX CONTRIBUTIONS	4 CUMULATIVE LOAN BALANCE	5 THIRD PARTY LOAN PAYOFF	6 FINANCING INTEREST RATE	7 INTEREST DUE	8 INTEREST ACCRUED	9 TOTAL CLIENT CONTRIBUTION	10 (Cash) GAP COLLATERAL	11 CALENDAR YEAR	12 INDEX RETURN (GROSS)	13 INDEX RETURN (FLOOR & CAP)	14 INDEX RETURN (EFFECTIVE)	15 ANNUAL INCOME DRAWNINGS	16 EOY GROSS INDEX ACCUMULATED VALUE	17 EOY INDEX VALUE NET OF INT & EXT LOANS
1	45	\$2,000,000	\$400,000	\$1,600,000	\$1,600,000		4.39%	\$70,240	\$70,240	\$400,000	\$507,665	1971	12.42%	8.25%	8.25%	\$0	\$1,836,663	-\$329,980
2	46	\$2,000,000	\$400,000	\$1,600,000	\$3,270,240		4.49%	\$146,671	\$146,671	\$400,000	\$512,828	1972	-1.92%	0.00%	0.00%	\$0	\$3,500,122	-\$283,169
3	47	\$2,000,000	\$400,000	\$1,600,000	\$5,016,911		4.58%	\$229,976	\$229,976	\$400,000	\$495,977	1973	-41.40%	0.00%	0.00%	\$0	\$5,129,772	-\$345,906
4	48	\$2,000,000	\$400,000	\$1,600,000	\$6,846,887		4.69%	\$320,920	\$320,920	\$400,000	\$726,386	1974	32.00%	8.25%	10.90%	\$0	\$7,459,157	\$208,250
5	49	\$2,000,000	\$400,000	\$1,600,000	\$8,767,808		4.79%	\$420,369	\$420,369	\$400,000	\$1,079,197	1975	25.48%	8.25%	10.90%	\$0	\$9,997,314	\$881,158
6	50	\$2,000,000	\$400,000	\$1,600,000	\$10,788,177		4.91%	\$529,299	\$529,299	\$400,000	\$874,421	1976	-8.28%	0.00%	0.00%	\$0	\$11,501,843	\$421,451
7	51	\$2,000,000	\$400,000	\$1,600,000	\$12,917,476		5.02%	\$648,812	\$648,812	\$400,000	\$581,764	1977	6.23%	6.23%	9.03%	\$0	\$14,142,441	\$989,807
8	52	\$2,000,000	\$400,000	\$1,600,000	\$15,166,288		5.14%	\$780,160	\$780,160	\$400,000	\$1,386,010	1978	6.61%	6.61%	9.59%	\$0	\$17,056,244	\$1,712,548
9	53	\$2,000,000	\$400,000	\$1,600,000	\$17,546,448		5.27%	\$924,762	\$924,762	\$400,000	\$1,245,305	1979	14.76%	8.25%	10.90%	\$0	\$20,433,322	\$2,767,909
10	54	\$2,000,000	\$400,000	\$1,600,000	\$20,071,211		5.40%	\$1,084,234	\$1,084,234	\$400,000	\$993,297	1980	-7.40%	0.00%	0.00%	\$0	\$21,742,244	\$1,611,204
11	55	\$0	\$0	\$0	\$21,155,445		5.54%	\$1,171,793	\$1,171,793	\$0	\$454,458	1981	3.65%	3.65%	5.29%	\$0	\$22,483,135	\$1,327,690
12	56	\$0	\$0	\$0	\$22,327,238		5.68%	\$1,268,564	\$1,268,564	\$0	\$2,002,421	1982	37.91%	8.25%	10.90%	\$0	\$24,491,149	\$2,163,911
13	57	\$0	\$0	\$0	\$23,595,802		5.83%	\$1,375,712	\$1,375,712	\$0	\$2,571,948	1983	0.02%	0.02%	0.03%	\$0	\$24,075,853	\$480,051
14	58	\$0	\$0	\$0	\$0	-\$24,971,514	0.00%	\$0	\$0	\$0	\$0	1984	9.62%	8.25%	10.90%	\$0	\$26,235,114	\$15,024
15	59	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1985	27.04%	8.25%	10.90%	\$0	\$28,604,438	\$1,073,344
16	60	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1986	39.13%	8.25%	10.90%	\$0	\$31,362,671	\$2,455,022
17	61	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1987	-15.51%	0.00%	0.00%	\$0	\$31,008,570	\$655,539
18	62	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1988	28.41%	8.25%	10.90%	\$0	\$33,997,457	\$2,126,774
19	63	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1989	-12.34%	0.00%	0.00%	\$0	\$33,612,983	\$148,765
20	64	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1990	26.73%	8.25%	10.90%	\$0	\$36,852,440	\$1,715,012
21	65	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1991	7.72%	7.72%	10.90%	\$0	\$40,406,625	\$3,512,326
22	66	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1992	9.84%	8.25%	10.90%	\$0	\$44,302,981	\$5,563,966
23	67	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1993	0.82%	0.82%	1.19%	\$0	\$44,322,738	\$3,646,773
24	68	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1994	26.30%	8.25%	10.90%	\$0	\$48,587,162	\$5,877,399
25	69	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1995	17.61%	8.25%	10.90%	\$0	\$53,259,496	\$8,414,244
26	70	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1996	37.82%	8.25%	10.90%	\$0	\$58,377,792	\$11,290,278
27	71	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1997	7.36%	7.36%	10.67%	-\$400,000	\$63,866,487	\$14,004,597
28	72	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1998	26.13%	8.25%	10.90%	-\$400,000	\$70,025,509	\$17,250,525
29	73	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1999	11.99%	8.25%	10.90%	-\$400,000	\$76,792,897	\$20,959,164
30	74	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2000	-27.54%	0.00%	0.00%	-\$400,000	\$75,953,237	\$16,907,817
31	75	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2001	-21.68%	0.00%	0.00%	-\$400,000	\$75,134,871	\$12,717,180
32	76	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2002	22.16%	8.25%	10.90%	-\$400,000	\$82,416,145	\$16,457,569
33	77	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2003	11.91%	8.25%	10.90%	-\$400,000	\$90,398,999	\$20,722,494
34	78	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2004	10.25%	8.25%	10.90%	-\$400,000	\$99,150,583	\$25,570,253
35	79	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2005	8.71%	8.25%	10.90%	-\$400,000	\$108,744,484	\$31,065,137
36	80	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2006	14.29%	8.25%	10.90%	-\$400,000	\$119,261,289	\$37,277,976
37	81	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2007	-23.61%	0.00%	0.00%	\$0	\$117,933,863	\$31,851,384
38	82	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2008	-9.37%	0.00%	0.00%	\$0	\$116,600,276	\$26,213,673
39	83	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2009	7.96%	7.96%	10.90%	\$0	\$127,821,385	\$32,915,452
40	84	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2010	-0.86%	0.00%	0.00%	\$0	\$126,342,766	\$26,691,536
		\$4,000,000	\$16,000,000					\$8,971,514	\$8,971,514	\$4,000,000		AVERAGE ANNUAL INCOME DRAWDOWN:			\$400,000			WORST 40

BORROWING INTEREST ASSUMPTIONS	
GLO1 \$1M-\$1.49M	1-Month CMT Rate: 2.29%
	Lender Spread: 2.10%
Starting Borrowing Rate: 4.39%	
Compounded Annual Base Rate Increase: 4.15%	
Total Rate Floor: 2.10%	
RETIREMENT INCOME DRAWDOWN ASSUMPTIONS	
Drawdown Type:	PARTICIPATING
PLR:	5.00%
% of Previous Year's EOY Value Drawdown:	8.00%
THIRD PARTY LENDER PAYOFF ASSUMPTIONS	
Payoff Loan In Full In Year:	14
Payoff Amount:	\$24,971,514
Third Party Loan Paid Off With:	PAR LOAN

GAP COLLATERAL REQUIREMENTS	
Type Of Gap Collateral:	Cash
Credit Assumption:	0.00%
Collateral Valued At:	100.00%
The Gap Collateral amount (in years 3+) is only an estimation and is calculated by the cumulative loan balance in a given year, minus 95% of (the EOY AV two years prior, plus the Total Index Contribution in the previous year minus all charges, plus the Total Index Contribution in the current year minus all charges and early termination fees associated with current year's Total Index Contribution with the ICA listed above). This calculation is the equivalent of assuming a 0% index credit in the previous year (since the EOY index credit in the previous year would not have credited at the time of the current year's loan anniversary. The current year's EOY index credit would obviously not have credited yet either. This value is then multiplied by the % of "Collateral Valued At" above, estimating the gap collateral required based on the "Type Of Gap Collateral" assumed. This is just a hypothetical calculation. Each lender has different collateral	

1ST YEAR COLLATERAL REQUIREMENT:	\$507,665
TOTAL CLIENT OUTLAY:	-\$4,000,000
AVERAGE ANNUAL INCOME DRAWDOWN:	\$400,000
TOTAL INCOME DRAWDOWN:	\$4,000,000
40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$26,691,536
INCOME + 40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$30,691,536
RAW S&P 500 CAGR: 6.30%	40-YEAR NET ACCOUNT IRR: 6.16%

WORST 40-YEAR S&P CAGR PERIOD (OF 121 PERIODS ANALYZED)

The hypothetical models in this document assume certain crediting methods and index account charges that are purely hypothetical and do not represent any particular investment, life insurance policy or index fund. Hypothetical crediting methods, charges, values and returns are not guaranteed. Hypothetical returns used in this document are based on historical index returns that do not include dividends and are purely modeled as a hypothetical example of index volatility over a period of time for educational purposes and are not intended to convince someone to purchase any particular product.

BACKTESTED PROXY: CHARGES & CREDITS LEDGER

- ✓ Depicts charges similar to real world product
- ✓ Compares annual charges to credits during Worst 40
- ✓ Illustrates net gains & losses on an annual basis

**The "Worst 40-Year Period" is the historical 40-year period that produced the lowest Compounded Annual Growth Rate out of 121 different 40-year periods analyzed. The "proxy" is a fictitious synthetically-produced asset, not an actual life insurance product.*

HYPOTHETICAL SYNTHETIC PROXY

CHARGES + CREDITS + BONUSES

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

CHARGES & CREDITS

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
YEAR	ASSET-BASED CHARGES (%)	ASSET-BASED CHARGES (\$)	FIXED CHARGES (\$)	BACKTESTED YEAR	INDEX GROSS RETURN	INDEX CREDIT	MULTIPLIER BONUS (x)	INDEX CREDIT w/ MULTIPLIER	PERSISTENCY BONUS (+)	TOTAL INDEX CREDIT (%)	TOTAL INDEX CREDITS (\$)	TOTAL CHARGES (\$)	YEAR-END GAIN/LOSS (\$)	EOY VALUE AFTER CHARGES B4 CREDIT	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1.00%	-\$19,782	-\$283,531	1971	12.42%	8.25%	x 1.00	= 8.25%	+ 0.00%	= 8.25%	\$139,977	-\$303,313	-\$163,337	\$1,696,687	\$1,836,663	-\$329,980
2	1.00%	-\$35,662	-\$300,879	1972	-1.92%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$336,541	-\$336,541	\$3,500,122	\$3,500,122	-\$283,169
3	1.00%	-\$52,211	-\$318,140	1973	-41.40%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$370,351	-\$370,351	\$5,129,772	\$5,129,772	-\$345,906
4	1.00%	-\$68,421	-\$335,330	1974	32.00%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$733,136	-\$403,751	\$329,385	\$6,726,020	\$7,459,157	\$208,250
5	1.00%	-\$91,627	-\$352,819	1975	25.48%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$982,603	-\$444,446	\$538,157	\$9,014,710	\$9,997,314	\$881,158
6	1.00%	-\$116,880	-\$378,590	1976	-8.28%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$495,470	-\$495,470	\$11,501,843	\$11,501,843	\$421,451
7	1.00%	-\$131,825	-\$398,606	1977	6.23%	6.23%	x 1.45	= 9.03%	+ 0.00%	= 9.03%	\$1,171,029	-\$530,431	\$640,597	\$12,971,412	\$14,142,441	\$989,807
8	1.00%	-\$158,123	-\$420,273	1978	6.61%	6.61%	x 1.45	= 9.59%	+ 0.00%	= 9.59%	\$1,492,199	-\$578,396	\$913,803	\$15,564,045	\$17,056,244	\$1,712,548
9	1.00%	-\$187,142	-\$444,105	1979	14.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,008,325	-\$631,247	\$1,377,078	\$18,424,997	\$20,433,322	\$2,767,909
10	1.00%	-\$220,782	-\$470,296	1980	-7.40%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$691,078	-\$691,078	\$21,742,244	\$21,742,244	\$1,611,204
11	1.00%	-\$216,560	-\$172,513	1981	3.65%	3.65%	x 1.45	= 5.29%	+ 0.00%	= 5.29%	\$1,129,964	-\$389,073	\$740,891	\$21,353,171	\$22,483,135	\$1,327,690
12	1.00%	-\$223,955	-\$175,186	1982	37.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,407,155	-\$399,141	\$2,008,014	\$22,083,994	\$24,491,149	\$2,163,911
13	1.00%	-\$244,024	-\$177,577	1983	0.02%	0.02%	x 1.45	= 0.03%	+ 0.00%	= 0.03%	\$6,305	-\$421,601	-\$415,296	\$24,069,549	\$24,075,853	\$480,051
14	1.00%	-\$239,861	-\$179,442	1984	9.62%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,578,564	-\$419,303	\$2,159,261	\$23,656,550	\$26,235,114	\$15,024
15	1.00%	-\$261,448	-\$180,665	1985	27.04%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,811,437	-\$442,113	\$2,369,324	\$25,793,001	\$28,604,438	\$1,073,344
16	1.00%	-\$285,852	-\$38,450	1986	39.13%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,082,535	-\$324,302	\$2,758,233	\$28,280,136	\$31,362,671	\$2,455,022
17	1.00%	-\$313,423	-\$40,677	1987	-15.51%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$354,100	-\$354,100	\$31,008,570	\$31,008,570	\$655,539
18	1.00%	-\$309,872	-\$42,741	1988	28.41%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,341,499	-\$352,613	\$2,988,886	\$30,655,957	\$33,997,457	\$2,126,774
19	1.00%	-\$339,751	-\$44,723	1989	-12.34%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$384,474	-\$384,474	\$33,612,983	\$33,612,983	\$148,765
20	1.00%	-\$335,896	-\$46,753	1990	26.73%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,622,106	-\$382,649	\$3,239,457	\$33,230,334	\$36,852,440	\$1,715,012
21	1.00%	-\$368,280	-\$48,971	1991	7.72%	7.72%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,971,436	-\$417,251	\$3,554,185	\$36,435,189	\$40,406,625	\$3,512,326
22	1.00%	-\$403,795	-\$54,245	1992	9.84%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,354,396	-\$458,040	\$3,896,356	\$39,948,585	\$44,302,981	\$5,563,966
23	1.00%	-\$442,727	-\$60,615	1993	0.82%	0.82%	x 1.45	= 1.19%	+ 0.00%	= 1.19%	\$523,099	-\$503,342	\$19,757	\$43,799,639	\$44,322,738	\$3,646,773
24	1.00%	-\$442,887	-\$68,163	1994	26.30%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,775,474	-\$511,050	\$4,264,424	\$43,811,688	\$48,587,162	\$5,877,399
25	1.00%	-\$485,487	-\$76,882	1995	17.61%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$5,234,702	-\$562,369	\$4,672,333	\$48,024,793	\$53,259,496	\$8,414,244
26	1.00%	-\$532,158	-\$87,308	1996	37.82%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$5,737,763	-\$619,466	\$5,118,297	\$52,640,029	\$58,377,792	\$11,290,278
27	1.00%	-\$583,341	-\$87,363	1997	7.36%	7.36%	x 1.45	= 10.67%	+ 0.00%	= 10.67%	\$6,159,399	-\$670,704	\$5,488,695	\$57,707,088	\$63,866,487	\$14,004,597
28	1.00%	-\$638,238	-\$85,319	1998	26.13%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$6,882,579	-\$723,557	\$6,159,022	\$63,142,930	\$70,025,509	\$17,250,525
29	1.00%	-\$699,853	-\$80,483	1999	11.99%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$7,547,724	-\$780,336	\$6,767,388	\$69,245,173	\$76,792,897	\$20,959,164
30	1.00%	-\$767,569	-\$72,092	2000	-27.54%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$839,661	-\$839,661	\$75,953,237	\$75,953,237	\$16,907,817
31	1.00%	-\$759,237	-\$59,129	2001	-21.68%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$818,366	-\$818,366	\$75,134,871	\$75,134,871	\$12,717,180
32	1.00%	-\$751,008	-\$68,133	2002	22.16%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,100,415	-\$819,141	\$7,281,274	\$74,315,730	\$82,416,145	\$16,457,569
33	1.00%	-\$823,769	-\$78,400	2003	11.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,885,023	-\$902,169	\$7,982,854	\$81,513,975	\$90,398,999	\$20,722,494
34	1.00%	-\$903,540	-\$90,064	2004	10.25%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$9,745,188	-\$993,604	\$8,751,584	\$89,405,395	\$99,150,583	\$25,570,253
35	1.00%	-\$990,990	-\$103,251	2005	8.71%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$10,688,141	-\$1,094,241	\$9,593,901	\$98,056,342	\$108,744,484	\$31,065,137
36	1.00%	-\$1,086,854	-\$118,144	2006	14.29%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$11,721,804	-\$1,204,998	\$10,516,806	\$107,539,485	\$119,261,289	\$37,277,976
37	1.00%	-\$1,191,935	-\$135,491	2007	-23.61%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,327,426	-\$1,327,426	\$117,933,863	\$117,933,863	\$31,851,384
38	1.00%	-\$1,178,564	-\$155,023	2008	-9.37%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,333,587	-\$1,333,587	\$116,600,276	\$116,600,276	\$26,213,673
39	1.00%	-\$1,165,118	-\$176,921	2009	7.96%	7.96%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$12,563,148	-\$1,342,039	\$11,221,109	\$115,258,237	\$127,821,385	\$32,915,452
40	1.00%	-\$1,277,207	-\$201,412	2010	-0.86%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,478,619	-\$1,478,619	\$126,342,766	\$126,342,766	\$26,691,536

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

ASSET-BASED CHARGES (%) Account charges as a percentage of gross account value, after new TOTAL INDEX CONTRIBUTION and 100% BOY charges and 50% of remaining FIXED CHARGES (\$) are deducted.

ASSET-BASED CHARGES (\$) The previous year's EOY GROSS INDEX ACCUMULATED VALUE minus 100% BOY charges, minus 50% of remaining FIXED CHARGES (\$) multiplied by the ASSET-BASED CHARGES (%).

FIXED CHARGES (\$) Amounts taken from a real life product. These charges in a real life product would most likely not be fixed, as there would be some variable charges. This is merely a proxy for this category of charges.

INDEX CREDIT The after-floor after-cap index return, before any bonuses or participation rates are applied or credited. Caps are not guaranteed in a real world product. See actual product details for guarantees.

MULTIPLIER BONUS (x) A numerical number determined by a particular bonus schedule, multiplied by the basic after-floor, after-cap, INDEX CREDIT. This is not a guaranteed bonus amount. See actual product details for guarantees.

INDEX CREDIT w/ MULTIPLIER The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x). (e.g. If the MULTIPLIER BONUS (x) was 2.00, and the INDEX CREDIT was 10.00%, the INDEX CREDIT w/ MULTIPLIER would be 20.00%)

PERSISTENCY BONUS (+) A bonus credit added to the INDEX CREDIT. (e.g. If the INDEX CREDIT was 10.00% and the PERSISTENCY BONUS (+) was 0.50%, the TOTAL INDEX CREDIT (%) would be 10.50%)

TOTAL INDEX CREDIT (%) The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x) plus the PERSISTENCY BONUS (+).

TOTAL INDEX CREDITS (\$) The TOTAL INDEX CREDIT (%) multiplied by the EOY VALUE AFTER CHARGES B4 CREDIT.

TOTAL CHARGES (\$) The sum of the ASSET-BASED CHARGES (\$) and the FIXED CHARGES (\$).

YEAR-END GAIN/LOSS (\$) The EOY GROSS INDEX ACCUMULATED VALUE net gain or loss in each year based on the TOTAL INDEX CREDITS (\$) minus the TOTAL CHARGES (\$) in a given year.

EOY VALUE AFTER CHARGES B4 CREDIT The EOY account value after any new contributions in such year and after all charges have been subtracted from this cumulative value, before any index credits have been applied.

EOY GROSS INDEX ACCUMULATED VALUE The EOY account value after any new contributions, after any "Total Index Credits (\$)" have been added, and after the "Total Charges (\$)" have been subtracted.

EOY INDEX VALUE NET OF INT & EXT LOANS The EOY GROSS INDEX ACCUMULATED VALUE minus the third party Cumulative Loan Balance (if any), minus any internal cumulative loan balances as a result of Participating Loans.

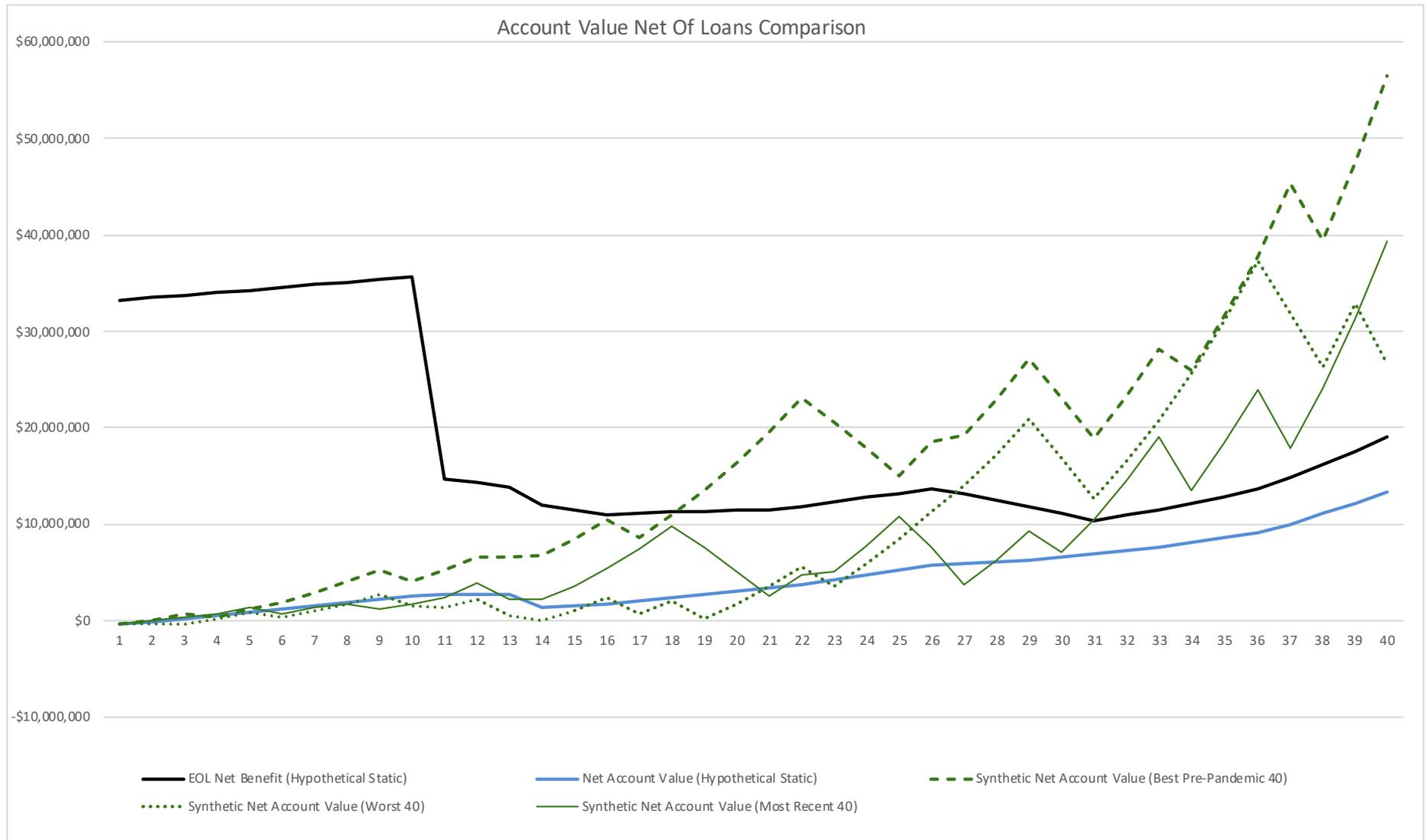
GRAPH: BACKTESTED PROXY vs. AS-ILLUSTRATED STATIC

- ✓ Leveraged Hypothetical Synthetic Asset Value (Proxy)
 - Worst 40
 - Best 40
 - Most Recent 40

vs...

- ✓ CSV & DB in As-Illustrated Static Carrier Illustration

**The "proxy" is a fictitious synthetically-produced asset, not an actual life insurance product. The "Most Recent 40" is from 1/1/1982 - 12/31/2021, assuming historical borrowing rates in such years as well. This sequence begins with a 9.40% borrowing interest rate in 1982 when Prime was 11.00%.*



SCENARIO MODELED	PAYOFF YEAR	TOTAL OUTLAY	TOTAL INCOME DRAWDOWN	NET ACCOUNT VALUE IN YEAR 40	RETURNS DEPICTED	VOLATILITY MODELED	CAGR	PAR LOAN RATE	40-YEAR IRR
— Hypothetical Static:	14	-\$4,000,000	\$4,000,000	\$13,340,886	hypothetical static	no	5.64%	5.14%	4.54%
- - - Synthetic Best 40*:	14	-\$4,000,000	\$4,000,000	\$56,469,418	actual historical*	yes	9.02%	5.00%	8.10%
..... Synthetic Worst 40*:	14	-\$4,000,000	\$4,000,000	\$26,691,536	actual historical*	yes	6.30%	5.00%	6.16%
— Synthetic (1982-2021):	14	-\$4,000,000	\$4,000,000	\$39,313,911	actual historical*	yes	9.99%	5.00%	7.14%

*In modeling every 40-year annual point-to-point period between 1/1/1970 and 12/31/2019, there were 121 different 40-year periods. Each of these 121 different 40-year periods have been analyzed and ranked based on their Compounded Annual Growth Rate (CAGR). This report highlights the Best and Worst 40-year periods limited to this sampling of 121 different 40-year periods. In real-world scenarios, it is possible for a 40-year period to produce a worse CAGR than the Worst 40 in this report. In such case, outcomes could be significantly worse than as depicted in this hypothetical report.

DOLLARS IN/OUT SUMMARY: BEST 40 vs. WORST 40

✓ Leveraged Hypothetical Synthetic Asset Value (Proxy)

vs...

✓ Non-Leveraged Hypothetical Synthetic Asset Value (Proxy)

vs...

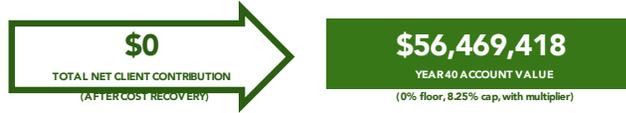
✓ Non-Leveraged Equities & Bonds Account

**Proxy is a fictitious synthetically-produced asset, not an actual life insurance product.*

HYPOTHETICAL SYNTHETIC PROXIES: BACKTESTING REPORT

BEST CAGR IN 40-YEAR PERIOD*

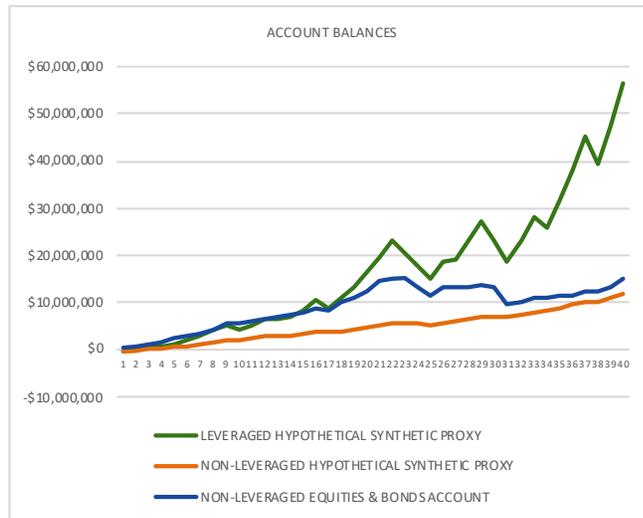
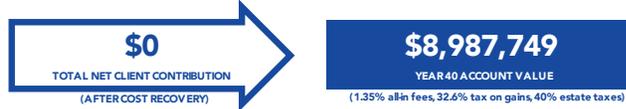
LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED EQUITIES & BONDS ACCOUNT



BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

BACKTESTING MODELS FOR:

1. LEVERAGED HYPOTHETICAL SYNTHETIC PROXY
2. NON-LEVERAGED HYPOTHETICAL SYNTHETIC PROXY
3. NON-LEVERAGED HYPOTHETICAL EQUITIES & BONDS ACCOUNT

WORST CAGR IN 40-YEAR PERIOD*

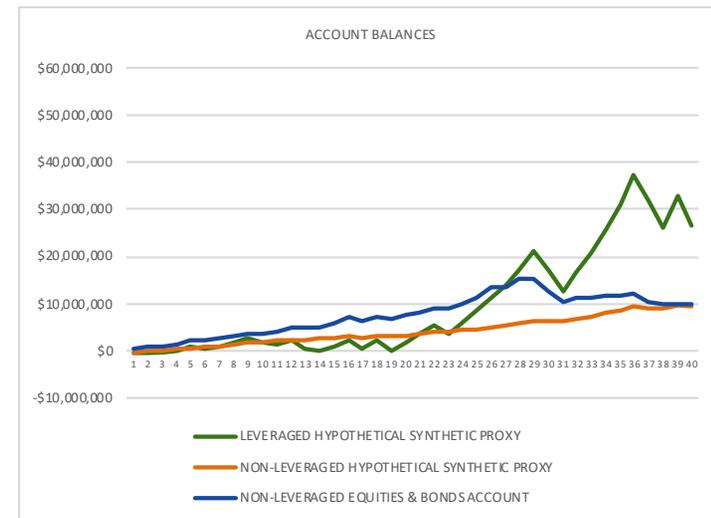
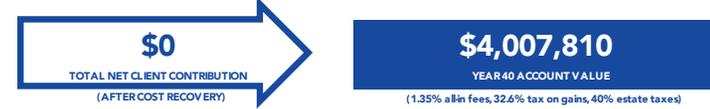
LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED EQUITIES & BONDS ACCOUNT



WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

SYNTHETICALLY MODELED FOR: M45 - PEIACR \$10MM
 ADVISOR: Darren Sugiyama
 DATE CREATED: 8/26/2022

*The following report is a hypothetical proxy that behaves similar to some real-world products, but is not an exact depiction of any specific real-world product and is for educational purposes only. All financial outcomes in this document are hypothetical and are not projections, assumptions, or guarantees of any specific real-world investment or insurance product. The "Best 40" is the historical 40-year period that produced the best Compounded Annual Growth Rate out of 121 different historical 40-year periods analyzed. The "Worst 40" is the historical 40-year period that produced the worst Compounded Annual Growth Rate out of the same 121 different historical 40-year periods analyzed. For an explanation of how these hypothetical backtesting assumptions were created, please refer to the "Backtesting" explanation on page 3 of this document.

GREATER-OF GRAPHS: BEST 40 vs. WORST 40

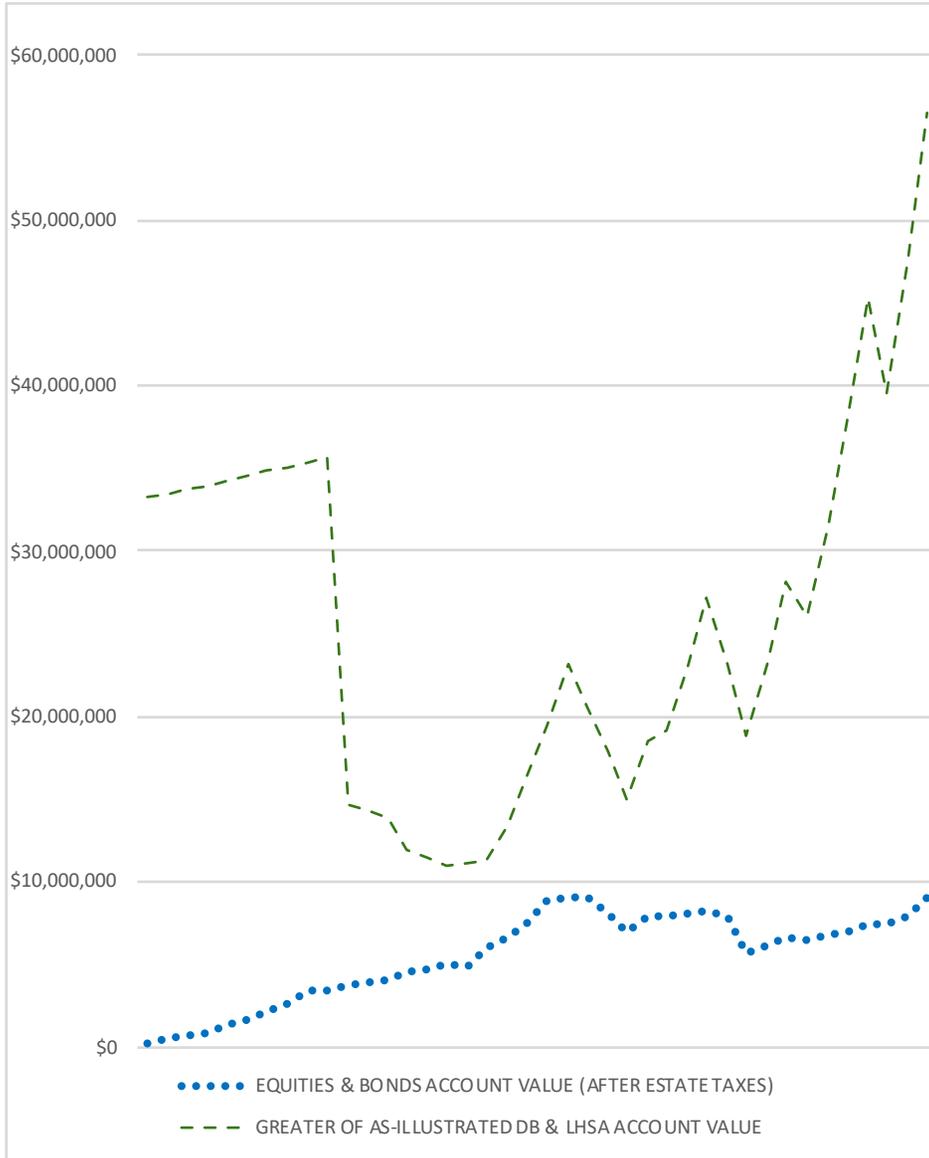
- ✓ The Greater Of The Leveraged Hypothetical Synthetic Asset Value (Proxy) & The As-Illustrated DB

vs...

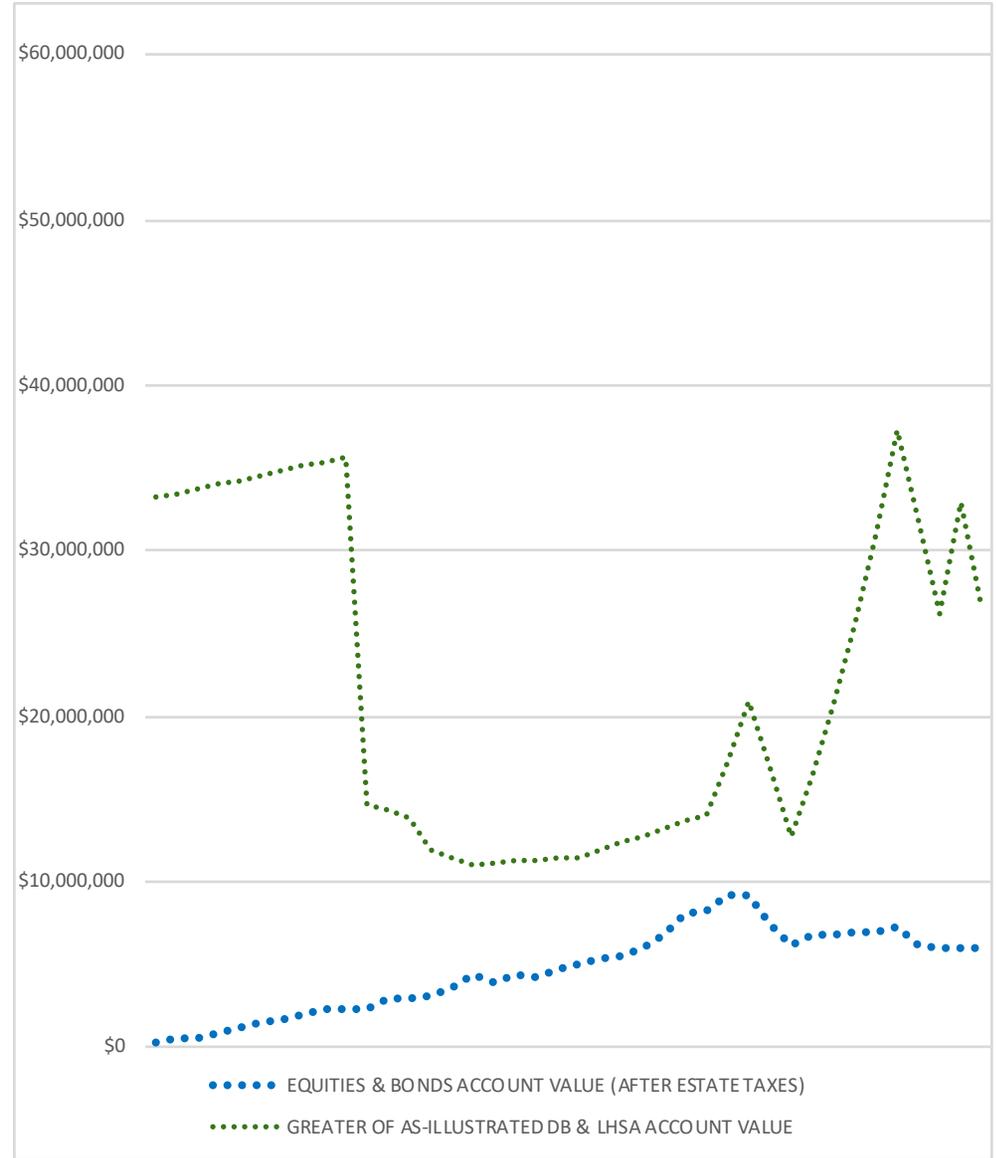
- ✓ Hypothetical Equities & Bonds Account

**Proxy is a fictitious synthetically-produced asset, not an actual life insurance product.*

BEST CAGR PERIOD OUT OF 121 DIFFERENT 40-YEAR S&P PERIODS ANALYZED



WORST CAGR PERIOD OUT OF 121 DIFFERENT 40-YEAR S&P PERIODS ANALYZED



DISCLAIMER: The "Gross Equities Return" is a hypothetical return based on historical annual point-to-point S&P 500 performance (starting on the first day of a particular month) not including dividends, plus a 2.00% bonus added. The "Gross Bond Return" is a hypothetical return based on historical 10-Year T-Bond Returns during the January 1st to December 31st period. The taxation and investment fees are merely hypothetical based on certain assumptions, and would vary from client situation to client situation based on a number of factors and variables. Such variables may be changed and modeled per the client or advisor's request. The assumptions made in this document are purely hypothetical and do not represent any specific investment, fund or asset in particular. The purpose of this document is for educational purposes only. The "Greater Of DB & LHSA" is the greater of the as-illustrated carrier death benefit (based on a particular index credit assumption, which is not guaranteed) and the net account value of the Leveraged Hypothetical Synthetic Asset that acts as the proxy for a premium financed IUL. The Leveraged Hypothetical Synthetic Asset is not a life insurance illustration, rather it is a fictitious investment account whose charges and crediting methods behave similarly to some real world IUL products.

REALLOCATION OF PORTFOLIO ASSETS

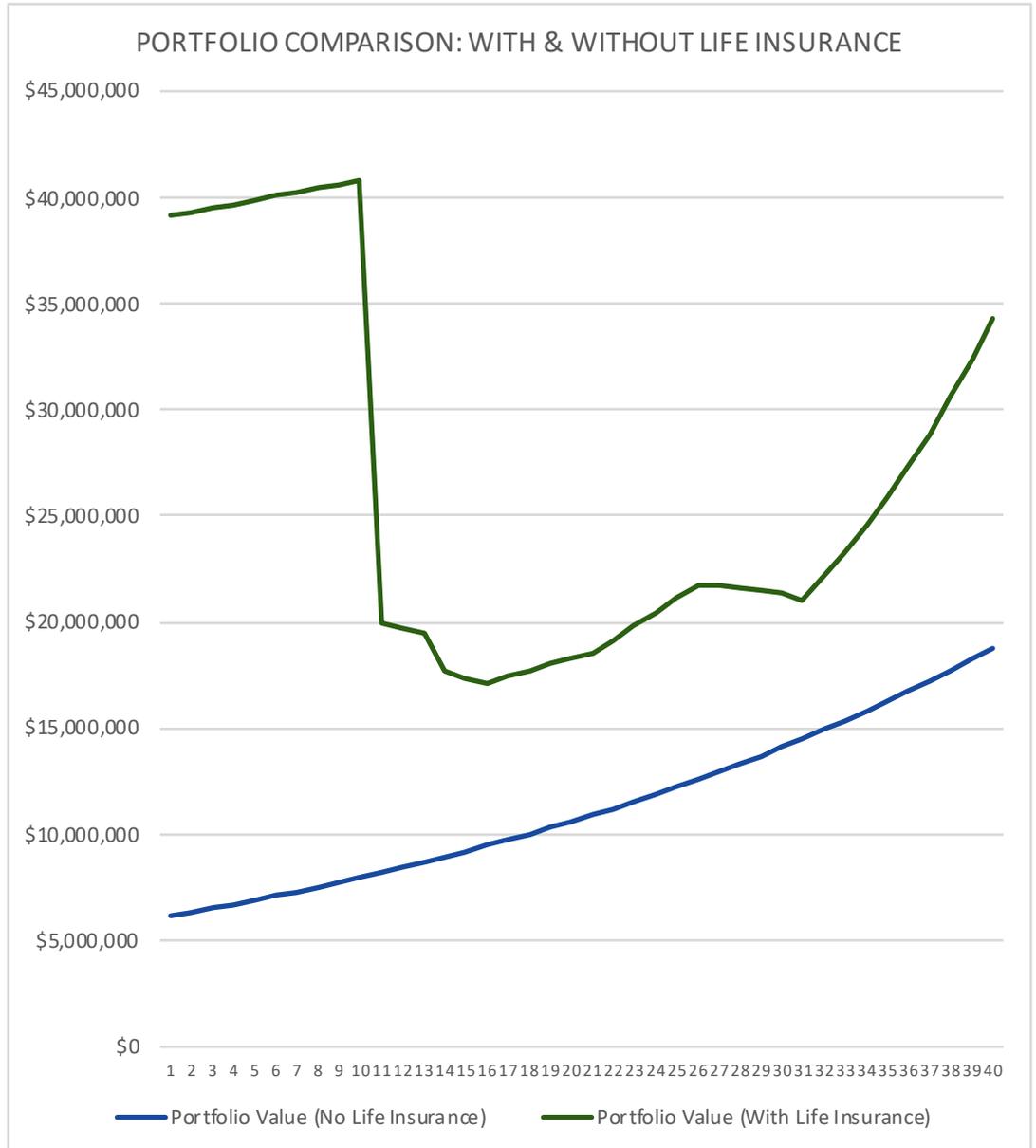
(repeated slide for summary purposes)

- ✓ Life insurance is not an “expense,” rather a “reallocation” of portfolio assets
- ✓ Blue Line = Portfolio (no life insurance)
- ✓ Green Line = Portfolio + Life Insurance Death Benefit

Starting Account Balance: **\$10,000,000**
 Investment Gross Return Assumption: **5.64%**
 All-In Investment Fee Assumption: 1.35%
 Average Capital Gains Tax Rate*: 32.60%
 Estate Tax Rate Assumption**: 40.00%

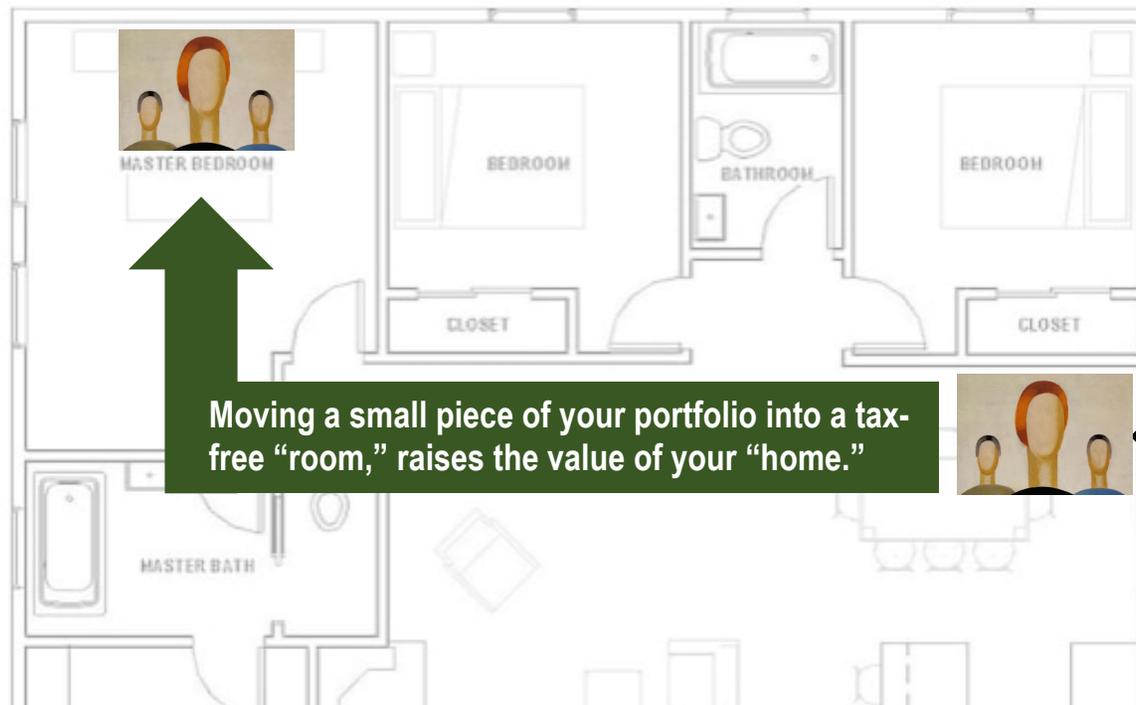
TOTAL COST RECOVERY DRAWDOWNS: \$4,000,000
 Adjusted Gross Income Assumption: \$250,000
 Short-Term Capital Gains Tax Rate Assumption**: 37.10%
 Long-Term Capital Gains Tax Rate Assumption**: 28.10%

Year	Age	CURRENT PORTFOLIO NET VALUE AT DEATH (NO LIFE INSURANCE)	vs	CURRENT PORTFOLIO THAT REPOSITIONS SOME CAPITAL INTO LIFE	-	AMOUNT REPOSITIONED INTO LIFE INSURANCE	=	TOTAL PORTFOLIO NET VALUE AT DEATH (WITH LIFE)
1	45	\$6,173,488	vs	\$5,926,548	-	\$400,000	=	\$39,139,149
2	46	\$6,351,992	vs	\$5,850,972	-	\$400,000	=	\$39,297,347
3	47	\$6,535,657	vs	\$5,773,211	-	\$400,000	=	\$39,470,190
4	48	\$6,724,633	vs	\$5,693,202	-	\$400,000	=	\$39,656,308
5	49	\$6,919,073	vs	\$5,610,879	-	\$400,000	=	\$39,853,479
6	50	\$7,119,135	vs	\$5,526,176	-	\$400,000	=	\$40,050,436
7	51	\$7,324,982	vs	\$5,439,024	-	\$400,000	=	\$40,249,721
8	52	\$7,536,781	vs	\$5,349,351	-	\$400,000	=	\$40,445,590
9	53	\$7,754,704	vs	\$5,257,086	-	\$400,000	=	\$40,630,791
10	54	\$7,978,928	vs	\$5,162,153	-	\$400,000	=	\$40,796,711
11	55	\$8,209,636	vs	\$5,311,415	-	\$0	=	\$19,936,646
12	56	\$8,447,014	vs	\$5,464,992	-	\$0	=	\$19,734,536
13	57	\$8,691,256	vs	\$5,623,010	-	\$0	=	\$19,440,471
14	58	\$8,942,560	vs	\$5,785,597	-	\$0	=	\$17,745,977
15	59	\$9,201,131	vs	\$5,952,886	-	\$0	=	\$17,363,243
16	60	\$9,467,178	vs	\$6,125,011	-	\$0	=	\$17,108,245
17	61	\$9,740,917	vs	\$6,302,113	-	\$0	=	\$17,421,695
18	62	\$10,022,572	vs	\$6,484,336	-	\$0	=	\$17,720,400
19	63	\$10,312,371	vs	\$6,671,828	-	\$0	=	\$18,002,056
20	64	\$10,610,549	vs	\$6,864,741	-	\$0	=	\$18,263,960
21	65	\$10,917,349	vs	\$7,063,233	-	\$0	=	\$18,502,979
22	66	\$11,233,019	vs	\$7,267,463	-	\$0	=	\$19,137,397
23	67	\$11,557,818	vs	\$7,477,599	-	\$0	=	\$19,784,536
24	68	\$11,892,007	vs	\$7,693,811	-	\$0	=	\$20,443,000
25	69	\$12,235,860	vs	\$7,916,274	-	\$0	=	\$21,111,321
26	70	\$12,589,655	vs	\$8,145,170	-	\$0	=	\$21,787,299
27	71	\$12,953,680	vs	\$8,627,624	-	-\$400,000	=	\$21,752,198
28	72	\$13,328,230	vs	\$9,124,028	-	-\$400,000	=	\$21,663,244
29	73	\$13,713,611	vs	\$9,634,785	-	-\$400,000	=	\$21,520,039
30	74	\$14,110,134	vs	\$10,160,310	-	-\$400,000	=	\$21,317,787
31	75	\$14,518,123	vs	\$10,701,031	-	-\$400,000	=	\$21,054,228
32	76	\$14,937,909	vs	\$11,257,387	-	-\$400,000	=	\$22,162,304
33	77	\$15,369,832	vs	\$11,829,829	-	-\$400,000	=	\$23,332,625
34	78	\$15,814,245	vs	\$12,418,823	-	-\$400,000	=	\$24,568,072
35	79	\$16,271,508	vs	\$13,024,848	-	-\$400,000	=	\$25,871,604
36	80	\$16,741,992	vs	\$13,648,396	-	-\$400,000	=	\$27,246,209
37	81	\$17,226,080	vs	\$14,043,034	-	\$0	=	\$28,867,347
38	82	\$17,724,165	vs	\$14,449,083	-	\$0	=	\$30,578,713
39	83	\$18,236,652	vs	\$14,866,872	-	\$0	=	\$32,384,074
40	84	\$18,763,958	vs	\$15,296,742	-	\$0	=	\$34,287,233



*Average of Short-Term & Long-Term Capital Gains Tax rate

**Short-Term & Long-Term Capital Gains Tax rates are hypothetical and are not exact calculations for any specific client



MASTER BEDROOM

Moving a small piece of your portfolio into a tax-free "room," raises the value of your "home."



Direct sunlight is damaging the value of your painting... (analogous to taxes)

LIFE INSURANCE IS NOT A TRUE "EXPENSE"

The analogy of moving a painting in your house from the living room to the bedroom is not so different than moving a **small piece** of your financial portfolio into a more tax-efficient asset class (life insurance).

In this regard, life insurance is not a true "expense." It is just a rebalancing of your overall portfolio, not so different than moving some of your portfolio funds from equities to bonds, bonds to cash, or cash to private equity funds.

If you were planning on spending every dollar you have and not passing anything on to the next generation, then life insurance would be an extra expense, cutting into your lifestyle budget. However if you ARE planning to pass some of your estate on to the next generation, life insurance is a very tax efficient way to do it, and can be a valuable piece of your overall financial portfolio.

FULL ANALYSIS REPORT

PARTIAL-EQUITY INTEREST ACCRUAL with COST RECOVERY

FULL ANALYSIS REPORT: ESTATE PLANNING



DATE CREATED: 08/26/22

PRIMARY INSURED: M45 - PEIACR \$10MM

ADDITIONAL INSURED: N/A

AGENT: Darren Sugiyama

LIFE INSURANCE COMPARSION:

1 Premium Financed Life Insurance Policy

...vs.

2 Non-Financed Life Insurance Policy

...vs.

3 Non-Insurance Based Investment Account

ESTATE PLANNING COMPARSION:

1 Equities & Bonds Portfolio inside estate (subject to capital gains tax and estate tax)

...vs.

2 Hybrid Portfolio:

a. Same Equities & Bonds Portfolio inside estate (subject to capital gains tax and estate tax)

b. Reposition some portfolio funds into a Premium Financed Life Insurance Policy into an Irrevocable Life Insurance Trust (ILIT) outside the taxable estate

BACKTESTED HYPOTHETICAL SYNTHETIC PROXY COMPARSION:

1 Leveraged Hypothetical Synthetic Proxy

...vs.

2 Non-Leveraged Hypothetical Synthetic Proxy

...vs.

3 Non-Leveraged Equities & Bonds Account



DATE CREATED: 08/26/22

PRIMARY INSURED: M45 - PEIACR \$10MM
ADDITIONAL INSURED: N/A

AGENT: Darren Sugiyama

CAPITAL GAINS TAXES:

There are two forms of tax that your investment portfolio is subject to. The first is Capital Gains Tax. For investments held for more than twelve months, your gains will be taxed at Long-Term Capital Gains Tax rates when you sell. For investments bought and sold within a twelve month period, you will be taxed at Short-Term Capital Gains tax rates.

ESTATE TAXES:

In addition to capital gains taxes, if your net worth is above a certain threshold, when you pass away, every dollar the next generation inherits above this threshold will be taxed at Estate Tax rates (currently 40.00%) and they will have nine months to pay the tax bill.

THE PROBLEM:

Your estate essentially gets double taxed (Capital Gains Tax while you are alive + Estate Tax when the next generation inherits your estate). The inheriting generation will owe the estate taxes due within nine months of your passing. Your heirs may be forced to sell your estate's illiquid assets (e.g. real estate, businesses, art, etc.) in order to come up with the money to pay the taxes. With a due date of only nine months, your heirs may have to sell your assets at a severe discount just to pay the tax bill.

POTENTIAL SOLUTIONS:

Option 1: Sell some of your assets now, pay huge taxes on the gains, and set the money aside for your heirs to pay the future tax liability.

Option 2: Buy a life insurance policy in an ILIT (Irrevocable Life Insurance Trust). The ILIT and the life insurance policy would be outside your estate and would not be subject to estate taxes. Due to the life insurance policy's tax-free death benefit and the ILIT not being part of your taxable estate, this can be a far more tax-efficient (and simpler) option.

WAYS TO BUY LIFE INSURANCE:

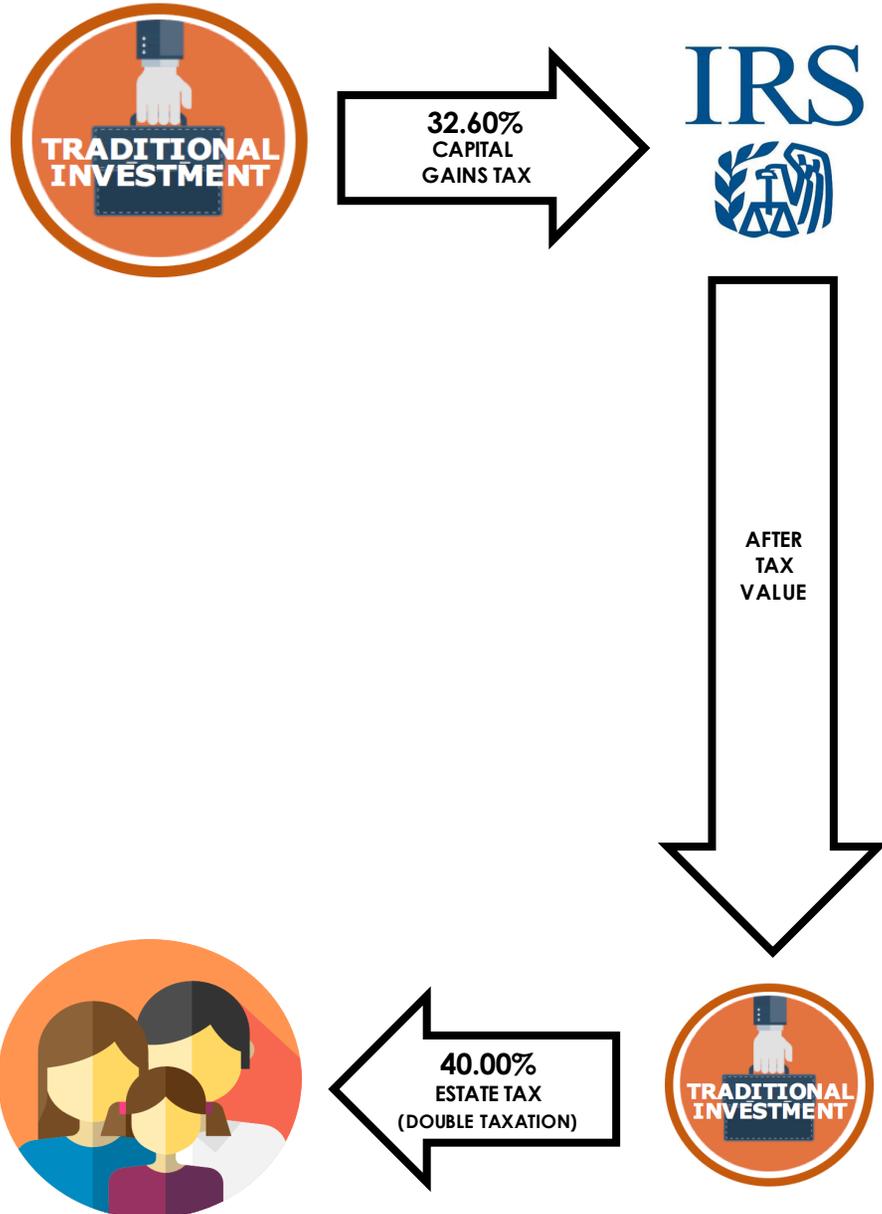
Option A: Pay the annual premiums yourself.

Option B: Finance the premiums, similar to buying a house with a mortgage loan. Financing the premiums can be a more prudent (and a more tax-efficient) way to purchase life insurance.

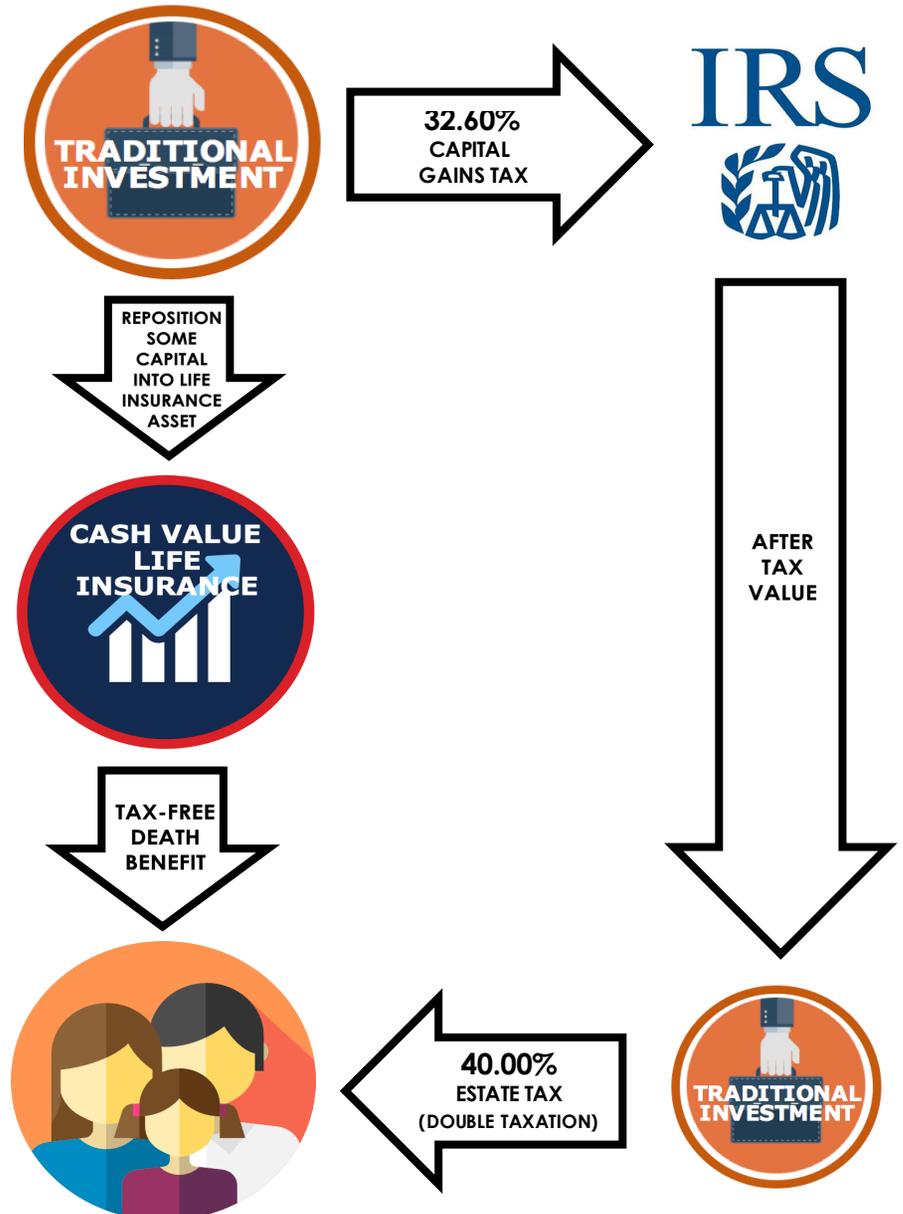
RE-BALANCING YOUR PORTFOLIO:

In this report, we will analyze the benefits of repositioning some of your investment portfolio funds into a life insurance policy, versus just keeping 100% invested in a taxable investment. Life insurance should not be paid for out of cash flow, and should not be an expense that cuts into your lifestyle expenses. It should be a simple repositioning of capital you already have invested in a different asset. This "repositioning" is just a re-balancing of your portfolio, not an additional "expense."

NO LIFE INSURANCE IN YOUR PORTFOLIO:
CREATES DOUBLE TAXATION ON YOUR ASSETS (CAPITAL GAINS TAX + ESTATE TAX)



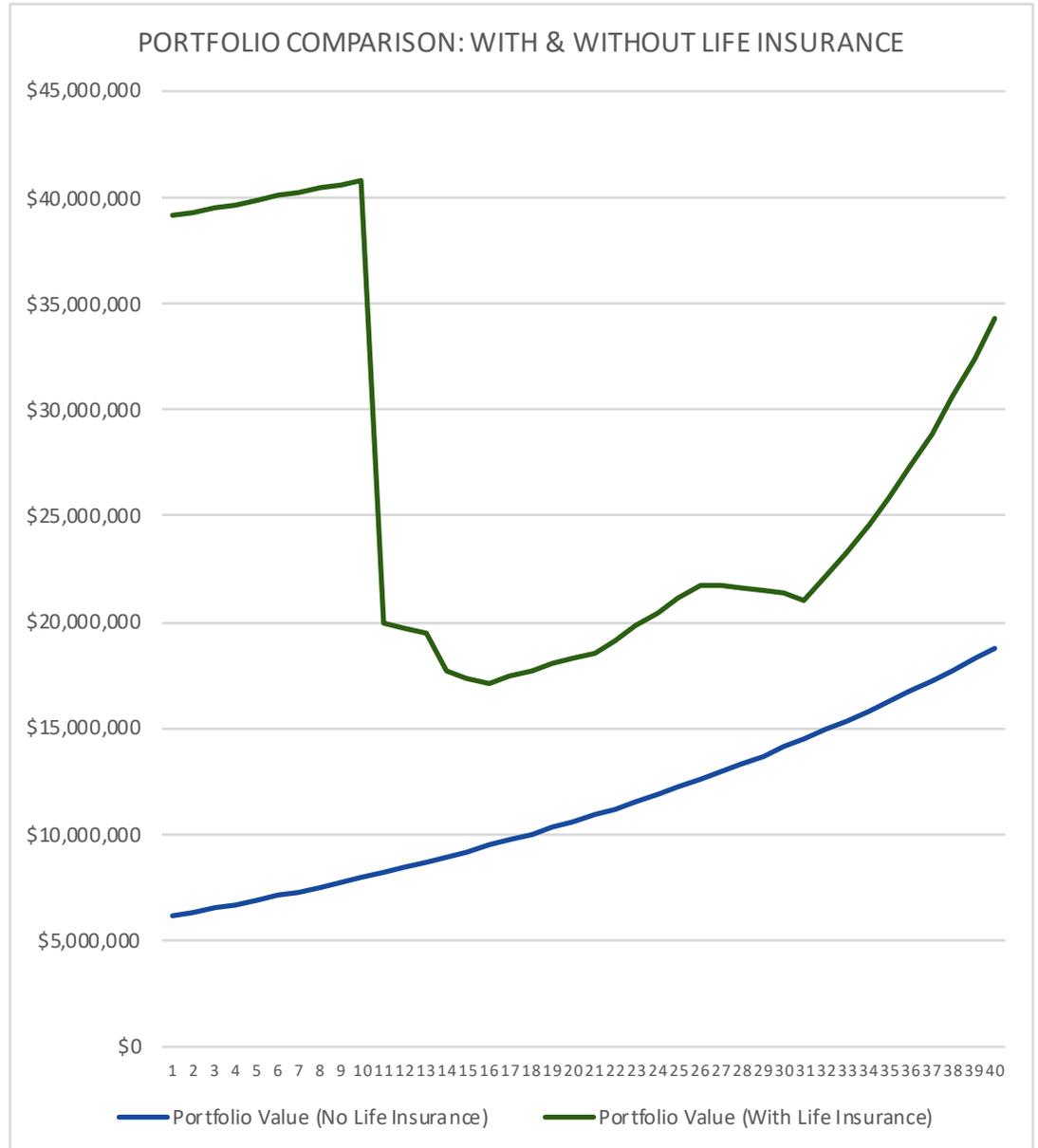
ADDING LIFE INSURANCE TO YOUR PORTFOLIO:
REDUCES TAX & INCREASES GENERATIONAL WEALTH TRANSFER



Starting Account Balance: **\$10,000,000**
 Investment Gross Return Assumption: **5.64%**
 All-In Investment Fee Assumption: 1.35%
 Average Capital Gains Tax Rate*: 32.60%
 Estate Tax Rate Assumption**: 40.00%

TOTAL COST RECOVERY DRAWDOWNS: \$4,000,000
 Adjusted Gross Income Assumption: \$250,000
 Short-Term Capital Gains Tax Rate Assumption**: 37.10%
 Long-Term Capital Gains Tax Rate Assumption**: 28.10%

Year	Age	CURRENT PORTFOLIO NET VALUE AT DEATH (NO LIFE INSURANCE)	vs	CURRENT PORTFOLIO THAT REPOSITIONS SOME CAPITAL INTO LIFE	-	AMOUNT REPOSITIONED INTO LIFE INSURANCE	=	TOTAL PORTFOLIO NET VALUE AT DEATH (WITH LIFE)
1	45	\$6,173,488	vs	\$5,926,548	-	\$400,000	=	\$39,139,149
2	46	\$6,351,992	vs	\$5,850,972	-	\$400,000	=	\$39,297,347
3	47	\$6,535,657	vs	\$5,773,211	-	\$400,000	=	\$39,470,190
4	48	\$6,724,633	vs	\$5,693,202	-	\$400,000	=	\$39,656,308
5	49	\$6,919,073	vs	\$5,610,879	-	\$400,000	=	\$39,853,479
6	50	\$7,119,135	vs	\$5,526,176	-	\$400,000	=	\$40,050,436
7	51	\$7,324,982	vs	\$5,439,024	-	\$400,000	=	\$40,249,721
8	52	\$7,536,781	vs	\$5,349,351	-	\$400,000	=	\$40,445,590
9	53	\$7,754,704	vs	\$5,257,086	-	\$400,000	=	\$40,630,791
10	54	\$7,978,928	vs	\$5,162,153	-	\$400,000	=	\$40,796,711
11	55	\$8,209,636	vs	\$5,311,415	-	\$0	=	\$19,936,646
12	56	\$8,447,014	vs	\$5,464,992	-	\$0	=	\$19,734,536
13	57	\$8,691,256	vs	\$5,623,010	-	\$0	=	\$19,440,471
14	58	\$8,942,560	vs	\$5,785,597	-	\$0	=	\$17,745,977
15	59	\$9,201,131	vs	\$5,952,886	-	\$0	=	\$17,363,243
16	60	\$9,467,178	vs	\$6,125,011	-	\$0	=	\$17,108,245
17	61	\$9,740,917	vs	\$6,302,113	-	\$0	=	\$17,421,695
18	62	\$10,022,572	vs	\$6,484,336	-	\$0	=	\$17,720,400
19	63	\$10,312,371	vs	\$6,671,828	-	\$0	=	\$18,002,056
20	64	\$10,610,549	vs	\$6,864,741	-	\$0	=	\$18,263,960
21	65	\$10,917,349	vs	\$7,063,233	-	\$0	=	\$18,502,979
22	66	\$11,233,019	vs	\$7,267,463	-	\$0	=	\$19,137,397
23	67	\$11,557,818	vs	\$7,477,599	-	\$0	=	\$19,784,536
24	68	\$11,892,007	vs	\$7,693,811	-	\$0	=	\$20,443,000
25	69	\$12,235,860	vs	\$7,916,274	-	\$0	=	\$21,111,321
26	70	\$12,589,655	vs	\$8,145,170	-	\$0	=	\$21,787,299
27	71	\$12,953,680	vs	\$8,627,624	-	-\$400,000	=	\$21,752,198
28	72	\$13,328,230	vs	\$9,124,028	-	-\$400,000	=	\$21,663,244
29	73	\$13,713,611	vs	\$9,634,785	-	-\$400,000	=	\$21,520,039
30	74	\$14,110,134	vs	\$10,160,310	-	-\$400,000	=	\$21,317,787
31	75	\$14,518,123	vs	\$10,701,031	-	-\$400,000	=	\$21,054,228
32	76	\$14,937,909	vs	\$11,257,387	-	-\$400,000	=	\$22,162,304
33	77	\$15,369,832	vs	\$11,829,829	-	-\$400,000	=	\$23,332,625
34	78	\$15,814,245	vs	\$12,418,823	-	-\$400,000	=	\$24,568,072
35	79	\$16,271,508	vs	\$13,024,848	-	-\$400,000	=	\$25,871,604
36	80	\$16,741,992	vs	\$13,648,396	-	-\$400,000	=	\$27,246,209
37	81	\$17,226,080	vs	\$14,043,034	-	\$0	=	\$28,867,347
38	82	\$17,724,165	vs	\$14,449,083	-	\$0	=	\$30,578,713
39	83	\$18,236,652	vs	\$14,866,872	-	\$0	=	\$32,384,074
40	84	\$18,763,958	vs	\$15,296,742	-	\$0	=	\$34,287,233



*Average of Short-Term & Long-Term Capital Gains Tax rate

**Short-Term & Long-Term Capital Gains Tax rates are hypothetical and are not exact calculations for any specific client

Starting Account Balance: **\$10,000,000**
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 Average Capital Gains Tax Rate*: **32.60%**
 Estate Tax Rate Assumption**: **40.00%**

Adjusted Gross Income Assumption: **\$250,000**
 Short-Term Capital Gains Tax Rate Assumption**: **37.10%**
 Long-Term Capital Gains Tax Rate Assumption**: **28.10%**

YEAR	AGE	BOY ACCOUNT VALUE BEFORE ESTATE TAX	ANNUAL LIFE INSURANCE CONTRIBUTION FROM PORTFOLIO	ACCOUNT VALUE AFTER LIFE INSURANCE CONTRIBUTION	RETURN NET OF FEES	ANNUAL INVESTMENT GAINS	32.60% CAPITAL GAINS TAX SUBTRACTED	EOY ACCOUNT VALUE AFTER CAPITAL GAINS	40.00% ESTATE TAX RATE	EOY ACCOUNT VALUE AFTER ESTATE TAX	DEATH BENEFIT NET OF LOANS	TOTAL EOY PORTFOLIO WITHOUT LIFE INSURANCE	TOTAL EOY PORTFOLIO VALUE + LIFE INSURANCE DEATH BENEFIT
1	45	\$10,000,000	- \$0	= \$10,000,000	x 4.29%	= \$429,000	- \$139,854	= \$10,289,146	- 40.00%	= \$6,173,488	+ N/A	= \$6,173,488	vs \$39,139,149
2	46	\$10,289,146	- \$0	= \$10,289,146	x 4.29%	= \$441,404	- \$143,898	= \$10,586,653	- 40.00%	= \$6,351,992	+ N/A	= \$6,351,992	vs \$39,297,347
3	47	\$10,586,653	- \$0	= \$10,586,653	x 4.29%	= \$454,167	- \$148,059	= \$10,892,761	- 40.00%	= \$6,535,657	+ N/A	= \$6,535,657	vs \$39,470,190
4	48	\$10,892,761	- \$0	= \$10,892,761	x 4.29%	= \$467,299	- \$152,340	= \$11,207,721	- 40.00%	= \$6,724,633	+ N/A	= \$6,724,633	vs \$39,656,308
5	49	\$11,207,721	- \$0	= \$11,207,721	x 4.29%	= \$480,811	- \$156,744	= \$11,531,788	- 40.00%	= \$6,919,073	+ N/A	= \$6,919,073	vs \$39,853,479
6	50	\$11,531,788	- \$0	= \$11,531,788	x 4.29%	= \$494,714	- \$161,277	= \$11,865,225	- 40.00%	= \$7,119,135	+ N/A	= \$7,119,135	vs \$40,050,436
7	51	\$11,865,225	- \$0	= \$11,865,225	x 4.29%	= \$509,018	- \$165,940	= \$12,208,303	- 40.00%	= \$7,324,982	+ N/A	= \$7,324,982	vs \$40,249,721
8	52	\$12,208,303	- \$0	= \$12,208,303	x 4.29%	= \$523,736	- \$170,738	= \$12,561,301	- 40.00%	= \$7,536,781	+ N/A	= \$7,536,781	vs \$40,445,590
9	53	\$12,561,301	- \$0	= \$12,561,301	x 4.29%	= \$538,880	- \$175,675	= \$12,924,506	- 40.00%	= \$7,754,704	+ N/A	= \$7,754,704	vs \$40,630,791
10	54	\$12,924,506	- \$0	= \$12,924,506	x 4.29%	= \$554,461	- \$180,754	= \$13,298,213	- 40.00%	= \$7,978,928	+ N/A	= \$7,978,928	vs \$40,796,711
11	55	\$13,298,213	- \$0	= \$13,298,213	x 4.29%	= \$570,493	- \$185,981	= \$13,682,726	- 40.00%	= \$8,209,636	+ N/A	= \$8,209,636	vs \$19,936,646
12	56	\$13,682,726	- \$0	= \$13,682,726	x 4.29%	= \$586,989	- \$191,358	= \$14,078,356	- 40.00%	= \$8,447,014	+ N/A	= \$8,447,014	vs \$19,734,536
13	57	\$14,078,356	- \$0	= \$14,078,356	x 4.29%	= \$603,961	- \$196,891	= \$14,485,427	- 40.00%	= \$8,691,256	+ N/A	= \$8,691,256	vs \$19,440,471
14	58	\$14,485,427	- \$0	= \$14,485,427	x 4.29%	= \$621,425	- \$202,584	= \$14,904,267	- 40.00%	= \$8,942,560	+ N/A	= \$8,942,560	vs \$17,745,977
15	59	\$14,904,267	- \$0	= \$14,904,267	x 4.29%	= \$639,393	- \$208,442	= \$15,335,218	- 40.00%	= \$9,201,131	+ N/A	= \$9,201,131	vs \$17,363,243
16	60	\$15,335,218	- \$0	= \$15,335,218	x 4.29%	= \$657,881	- \$214,469	= \$15,778,629	- 40.00%	= \$9,467,178	+ N/A	= \$9,467,178	vs \$17,108,245
17	61	\$15,778,629	- \$0	= \$15,778,629	x 4.29%	= \$676,903	- \$220,670	= \$16,234,862	- 40.00%	= \$9,740,917	+ N/A	= \$9,740,917	vs \$17,421,695
18	62	\$16,234,862	- \$0	= \$16,234,862	x 4.29%	= \$696,476	- \$227,051	= \$16,704,287	- 40.00%	= \$10,022,572	+ N/A	= \$10,022,572	vs \$17,720,400
19	63	\$16,704,287	- \$0	= \$16,704,287	x 4.29%	= \$716,614	- \$233,616	= \$17,187,284	- 40.00%	= \$10,312,371	+ N/A	= \$10,312,371	vs \$18,002,056
20	64	\$17,187,284	- \$0	= \$17,187,284	x 4.29%	= \$737,335	- \$240,371	= \$17,684,248	- 40.00%	= \$10,610,549	+ N/A	= \$10,610,549	vs \$18,263,960
21	65	\$17,684,248	- \$0	= \$17,684,248	x 4.29%	= \$758,654	- \$247,321	= \$18,195,581	- 40.00%	= \$10,917,349	+ N/A	= \$10,917,349	vs \$18,502,979
22	66	\$18,195,581	- \$0	= \$18,195,581	x 4.29%	= \$780,590	- \$254,472	= \$18,721,699	- 40.00%	= \$11,233,019	+ N/A	= \$11,233,019	vs \$19,137,397
23	67	\$18,721,699	- \$0	= \$18,721,699	x 4.29%	= \$803,161	- \$261,830	= \$19,263,029	- 40.00%	= \$11,557,818	+ N/A	= \$11,557,818	vs \$19,784,536
24	68	\$19,263,029	- \$0	= \$19,263,029	x 4.29%	= \$826,384	- \$269,401	= \$19,820,012	- 40.00%	= \$11,892,007	+ N/A	= \$11,892,007	vs \$20,443,000
25	69	\$19,820,012	- \$0	= \$19,820,012	x 4.29%	= \$850,279	- \$277,191	= \$20,393,100	- 40.00%	= \$12,235,860	+ N/A	= \$12,235,860	vs \$21,111,321
26	70	\$20,393,100	- \$0	= \$20,393,100	x 4.29%	= \$874,864	- \$285,206	= \$20,982,758	- 40.00%	= \$12,589,655	+ N/A	= \$12,589,655	vs \$21,787,299
27	71	\$20,982,758	- \$0	= \$20,982,758	x 4.29%	= \$900,160	- \$293,452	= \$21,589,466	- 40.00%	= \$12,953,680	+ N/A	= \$12,953,680	vs \$21,752,198
28	72	\$21,589,466	- \$0	= \$21,589,466	x 4.29%	= \$926,188	- \$301,937	= \$22,213,717	- 40.00%	= \$13,328,230	+ N/A	= \$13,328,230	vs \$21,663,244
29	73	\$22,213,717	- \$0	= \$22,213,717	x 4.29%	= \$952,968	- \$310,668	= \$22,856,018	- 40.00%	= \$13,713,611	+ N/A	= \$13,713,611	vs \$21,520,039
30	74	\$22,856,018	- \$0	= \$22,856,018	x 4.29%	= \$980,523	- \$319,651	= \$23,516,890	- 40.00%	= \$14,110,134	+ N/A	= \$14,110,134	vs \$21,317,787
31	75	\$23,516,890	- \$0	= \$23,516,890	x 4.29%	= \$1,008,875	- \$328,893	= \$24,196,872	- 40.00%	= \$14,518,123	+ N/A	= \$14,518,123	vs \$21,054,228
32	76	\$24,196,872	- \$0	= \$24,196,872	x 4.29%	= \$1,038,046	- \$338,403	= \$24,896,515	- 40.00%	= \$14,937,909	+ N/A	= \$14,937,909	vs \$22,162,304
33	77	\$24,896,515	- \$0	= \$24,896,515	x 4.29%	= \$1,068,060	- \$348,188	= \$25,616,387	- 40.00%	= \$15,369,832	+ N/A	= \$15,369,832	vs \$23,332,625
34	78	\$25,616,387	- \$0	= \$25,616,387	x 4.29%	= \$1,098,943	- \$358,255	= \$26,357,075	- 40.00%	= \$15,814,245	+ N/A	= \$15,814,245	vs \$24,568,072
35	79	\$26,357,075	- \$0	= \$26,357,075	x 4.29%	= \$1,130,719	- \$368,614	= \$27,119,179	- 40.00%	= \$16,271,508	+ N/A	= \$16,271,508	vs \$25,871,604
36	80	\$27,119,179	- \$0	= \$27,119,179	x 4.29%	= \$1,163,413	- \$379,273	= \$27,903,320	- 40.00%	= \$16,741,992	+ N/A	= \$16,741,992	vs \$27,246,209
37	81	\$27,903,320	- \$0	= \$27,903,320	x 4.29%	= \$1,197,052	- \$390,239	= \$28,710,133	- 40.00%	= \$17,226,080	+ N/A	= \$17,226,080	vs \$28,867,347
38	82	\$28,710,133	- \$0	= \$28,710,133	x 4.29%	= \$1,231,665	- \$401,523	= \$29,540,275	- 40.00%	= \$17,724,165	+ N/A	= \$17,724,165	vs \$30,578,713
39	83	\$29,540,275	- \$0	= \$29,540,275	x 4.29%	= \$1,267,278	- \$413,133	= \$30,394,420	- 40.00%	= \$18,236,652	+ N/A	= \$18,236,652	vs \$32,384,074
40	84	\$30,394,420	- \$0	= \$30,394,420	x 4.29%	= \$1,303,921	- \$425,078	= \$31,273,263	- 40.00%	= \$18,763,958	+ N/A	= \$18,763,958	vs \$34,287,233

*Average of Short-Term & Long-Term Capital Gains Tax rate

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YEAR	AGE	BOY		ANNUAL		ACCOUNT VALUE		RETURN		ANNUAL		CAPITAL		EOY		ESTATE		EOY		TOTAL EOY		TOTAL EOY		
		ACCOUNT VALUE	BEFORE	LIFE INSURANCE	CONTRIBUTION	AFTER LIFE	NET OF	INVESTMENT	GAINS TAX	ACCOUNT VALUE	AFTER	TAX	ACCOUNT VALUE	AFTER	DEATH BENEFIT	NET OF	PORTFOLIO	DEATH BENEFIT	PORTFOLIO	WITHOUT	WITHOUT	WITHOUT	WITHOUT	
1	45	\$10,000,000	-	\$400,000	=	\$9,600,000	x	4.29%	=	\$411,840	-	\$134,260	=	\$9,877,580	-	40.00%	=	\$5,926,548	+	\$33,212,601	=	\$39,139,149	vs	\$6,173,488
2	46	\$9,877,580	-	\$400,000	=	\$9,477,580	x	4.29%	=	\$406,588	-	\$132,548	=	\$9,751,621	-	40.00%	=	\$5,850,972	+	\$33,446,374	=	\$39,297,347	vs	\$6,351,992
3	47	\$9,751,621	-	\$400,000	=	\$9,351,621	x	4.29%	=	\$401,185	-	\$130,786	=	\$9,622,019	-	40.00%	=	\$5,773,211	+	\$33,696,979	=	\$39,470,190	vs	\$6,535,657
4	48	\$9,622,019	-	\$400,000	=	\$9,222,019	x	4.29%	=	\$395,625	-	\$128,974	=	\$9,488,670	-	40.00%	=	\$5,693,202	+	\$33,963,106	=	\$39,656,308	vs	\$6,724,633
5	49	\$9,488,670	-	\$400,000	=	\$9,088,670	x	4.29%	=	\$389,904	-	\$127,109	=	\$9,351,465	-	40.00%	=	\$5,610,879	+	\$34,242,600	=	\$39,853,479	vs	\$6,919,073
6	50	\$9,351,465	-	\$400,000	=	\$8,951,465	x	4.29%	=	\$384,018	-	\$125,190	=	\$9,210,293	-	40.00%	=	\$5,526,176	+	\$34,524,260	=	\$40,050,436	vs	\$7,119,135
7	51	\$9,210,293	-	\$400,000	=	\$8,810,293	x	4.29%	=	\$377,962	-	\$123,215	=	\$9,065,039	-	40.00%	=	\$5,439,024	+	\$34,810,697	=	\$40,249,721	vs	\$7,324,982
8	52	\$9,065,039	-	\$400,000	=	\$8,665,039	x	4.29%	=	\$371,730	-	\$121,184	=	\$8,915,586	-	40.00%	=	\$5,349,351	+	\$35,096,238	=	\$40,445,590	vs	\$7,536,781
9	53	\$8,915,586	-	\$400,000	=	\$8,515,586	x	4.29%	=	\$365,319	-	\$119,094	=	\$8,761,810	-	40.00%	=	\$5,257,086	+	\$35,373,705	=	\$40,630,791	vs	\$7,754,704
10	54	\$8,761,810	-	\$400,000	=	\$8,361,810	x	4.29%	=	\$358,722	-	\$116,943	=	\$8,603,589	-	40.00%	=	\$5,162,153	+	\$35,634,558	=	\$40,796,711	vs	\$7,978,928
11	55	\$8,603,589	-	\$0	=	\$8,603,589	x	4.29%	=	\$369,094	-	\$120,325	=	\$8,852,358	-	40.00%	=	\$5,311,415	+	\$14,625,231	=	\$19,936,646	vs	\$8,209,636
12	56	\$8,852,358	-	\$0	=	\$8,852,358	x	4.29%	=	\$379,766	-	\$123,804	=	\$9,108,320	-	40.00%	=	\$5,464,992	+	\$14,269,543	=	\$19,734,536	vs	\$8,447,014
13	57	\$9,108,320	-	\$0	=	\$9,108,320	x	4.29%	=	\$390,747	-	\$127,384	=	\$9,371,684	-	40.00%	=	\$5,623,010	+	\$13,817,461	=	\$19,440,471	vs	\$8,691,256
14	58	\$9,371,684	-	\$0	=	\$9,371,684	x	4.29%	=	\$402,045	-	\$131,067	=	\$9,642,662	-	40.00%	=	\$5,785,597	+	\$11,960,380	=	\$17,745,977	vs	\$8,942,560
15	59	\$9,642,662	-	\$0	=	\$9,642,662	x	4.29%	=	\$413,670	-	\$134,856	=	\$9,921,476	-	40.00%	=	\$5,952,886	+	\$11,410,358	=	\$17,363,243	vs	\$9,201,131
16	60	\$9,921,476	-	\$0	=	\$9,921,476	x	4.29%	=	\$425,631	-	\$138,756	=	\$10,208,352	-	40.00%	=	\$6,125,011	+	\$10,983,234	=	\$17,108,245	vs	\$9,467,178
17	61	\$10,208,352	-	\$0	=	\$10,208,352	x	4.29%	=	\$437,938	-	\$142,768	=	\$10,503,522	-	40.00%	=	\$6,302,113	+	\$11,119,582	=	\$17,421,695	vs	\$9,740,917
18	62	\$10,503,522	-	\$0	=	\$10,503,522	x	4.29%	=	\$450,601	-	\$146,896	=	\$10,807,227	-	40.00%	=	\$6,484,336	+	\$11,236,064	=	\$17,720,400	vs	\$10,022,572
19	63	\$10,807,227	-	\$0	=	\$10,807,227	x	4.29%	=	\$463,630	-	\$151,143	=	\$11,119,714	-	40.00%	=	\$6,671,828	+	\$11,330,228	=	\$18,002,056	vs	\$10,312,371
20	64	\$11,119,714	-	\$0	=	\$11,119,714	x	4.29%	=	\$477,036	-	\$155,514	=	\$11,441,236	-	40.00%	=	\$6,864,741	+	\$11,399,219	=	\$18,263,960	vs	\$10,610,549
21	65	\$11,441,236	-	\$0	=	\$11,441,236	x	4.29%	=	\$490,829	-	\$160,010	=	\$11,772,055	-	40.00%	=	\$7,063,233	+	\$11,439,746	=	\$18,502,979	vs	\$10,917,349
22	66	\$11,772,055	-	\$0	=	\$11,772,055	x	4.29%	=	\$505,021	-	\$164,637	=	\$12,112,439	-	40.00%	=	\$7,267,463	+	\$11,869,933	=	\$19,137,397	vs	\$11,233,019
23	67	\$12,112,439	-	\$0	=	\$12,112,439	x	4.29%	=	\$519,624	-	\$169,397	=	\$12,462,665	-	40.00%	=	\$7,477,599	+	\$12,306,937	=	\$19,784,536	vs	\$11,557,818
24	68	\$12,462,665	-	\$0	=	\$12,462,665	x	4.29%	=	\$534,648	-	\$174,295	=	\$12,823,018	-	40.00%	=	\$7,693,811	+	\$12,749,189	=	\$20,443,000	vs	\$11,892,007
25	69	\$12,823,018	-	\$0	=	\$12,823,018	x	4.29%	=	\$550,107	-	\$179,335	=	\$13,193,791	-	40.00%	=	\$7,916,274	+	\$13,195,047	=	\$21,111,321	vs	\$12,235,860
26	70	\$13,193,791	-	\$0	=	\$13,193,791	x	4.29%	=	\$566,014	-	\$184,520	=	\$13,575,284	-	40.00%	=	\$8,145,170	+	\$13,642,128	=	\$21,787,299	vs	\$12,589,655
27	71	\$13,575,284	-	-\$400,000	=	\$13,975,284	x	4.29%	=	\$599,540	-	\$195,450	=	\$14,379,373	-	40.00%	=	\$8,627,624	+	\$13,124,574	=	\$21,752,198	vs	\$12,953,680
28	72	\$14,379,373	-	-\$400,000	=	\$14,779,373	x	4.29%	=	\$634,035	-	\$206,695	=	\$15,206,713	-	40.00%	=	\$9,124,028	+	\$12,539,216	=	\$21,663,244	vs	\$13,328,230
29	73	\$15,206,713	-	-\$400,000	=	\$15,606,713	x	4.29%	=	\$669,528	-	\$218,266	=	\$16,057,975	-	40.00%	=	\$9,634,785	+	\$11,885,254	=	\$21,520,039	vs	\$13,713,611
30	74	\$16,057,975	-	-\$400,000	=	\$16,457,975	x	4.29%	=	\$706,047	-	\$230,171	=	\$16,933,851	-	40.00%	=	\$10,160,310	+	\$11,157,477	=	\$21,317,787	vs	\$14,110,134
31	75	\$16,933,851	-	-\$400,000	=	\$17,333,851	x	4.29%	=	\$743,622	-	\$242,421	=	\$17,835,052	-	40.00%	=	\$10,701,031	+	\$10,353,197	=	\$21,054,228	vs	\$14,518,123
32	76	\$17,835,052	-	-\$400,000	=	\$18,235,052	x	4.29%	=	\$782,284	-	\$255,024	=	\$18,762,311	-	40.00%	=	\$11,257,387	+	\$10,904,917	=	\$22,162,304	vs	\$14,937,909
33	77	\$18,762,311	-	-\$400,000	=	\$19,162,311	x	4.29%	=	\$822,063	-	\$267,993	=	\$19,716,382	-	40.00%	=	\$11,829,829	+	\$11,502,795	=	\$23,332,625	vs	\$15,369,832
34	78	\$19,716,382	-	-\$400,000	=	\$20,116,382	x	4.29%	=	\$862,993	-	\$281,336	=	\$20,698,039	-	40.00%	=	\$12,418,823	+	\$12,149,248	=	\$24,568,072	vs	\$15,814,245
35	79	\$20,698,039	-	-\$400,000	=	\$21,098,039	x	4.29%	=	\$905,106	-	\$295,065	=	\$21,708,080	-	40.00%	=	\$13,024,848	+	\$12,846,756	=	\$25,871,604	vs	\$16,271,508
36	80	\$21,708,080	-	-\$400,000	=	\$22,108,080	x	4.29%	=	\$948,437	-	\$309,190	=	\$22,747,327	-	40.00%	=	\$13,648,396	+	\$13,597,813	=	\$27,246,209	vs	\$16,741,992
37	81	\$22,747,327	-	\$0	=	\$22,747,327	x	4.29%	=	\$975,860	-	\$318,130	=	\$23,405,057	-	40.00%	=	\$14,043,034	+	\$14,824,313	=	\$28,867,347	vs	\$17,226,080
38	82	\$23,405,057	-	\$0	=	\$23,405,057	x	4.29%	=	\$1,004,077	-	\$327,329	=	\$24,081,804	-	40.00%	=	\$14,449,083	+	\$16,129,630	=	\$30,578,713	vs	\$17,724,165
39	83	\$24,081,804	-	\$0	=	\$24,081,804	x	4.29%	=	\$1,033,109	-	\$336,794	=	\$24,778,120	-	40.00%	=	\$14,866,872	+	\$17,517,202	=	\$32,384,074	vs	\$18,236,652
40	84	\$24,778,120	-	\$0	=	\$24,778,120	x	4.29%	=	\$1,062,981	-	\$346,532	=	\$25,494,570	-	40.00%	=	\$15,296,742	+	\$18,990,492	=	\$34,287,233	vs	\$18,763,958

*Average of Short-Term & Long-Term Capital Gains Tax rate

**Short-Term & Long-Term Capital Gains Tax rates are hypothetical and are not exact calculations for any specific client



This document is not intended to give tax advice, as Lionsmark Capital is not a CPA firm nor a tax planning law firm. The purpose of this document is to introduce the concept of repositioning some of a person's taxable estate into a life insurance policy owned by an Irrevocable Life Insurance Trust (ILIT) outside the person's taxable estate. All assumptions made in this document regarding investment fees, tax rates, investment returns, index credits, and financial outcomes are purely hypothetical and do not necessarily reflect any particular person's unique situation.

Neither Lionsmark Capital nor Darren Sugiyama endorse any particular tax strategy that may include life insurance as an integral part of such strategy. Any such tax strategy that a person may employ is done on their own volition without the encouragement, enticement, or coercion by Lionsmark Capital or any of its principals. This does not necessarily mean that Lionsmark Capital or its principals are against any particular tax planning strategy, however Lionsmark recuses itself of any involvement in a person's decision to participate in any such strategy. Such decisions should be solely made by the client and their tax planning professional, CPA, and/or estate planning attorney. Should a person use a premium financed life insurance policy as part of their overall estate plan, Lionsmark shall be held harmless in regards to any issues that may arise from such tax planning with their tax planning attorney. Neither Lionsmark Capital nor its principals provide any tax advice, nor is Lionsmark authorized to do so based on licensure restrictions.

In the coverage of this document, the "Potential Solutions" a person has in regards to solving any perceived or real estate tax "problem" are not limited to the two solutions mentioned. There are other solutions that a person should explore with their estate planning attorney or trusted tax professional. In addition, there are more than just two "Ways To Buy Life Insurance." The two ways to buy life insurance as depicted in this document are two of many different ways a person may buy life insurance. It is recommended that any person considering buying life insurance should do their own due diligence and consult their trusted financial professional(s) in exploring the most suitable method of purchase and most suitable product.

3 DIFFERENT FINANCIAL SOLUTIONS



DATE CREATED: 08/26/22

PRIMARY INSURED: M45 - PEIACR \$10MM
ADDITIONAL INSURED: N/A

AGENT: Darren Sugiyama

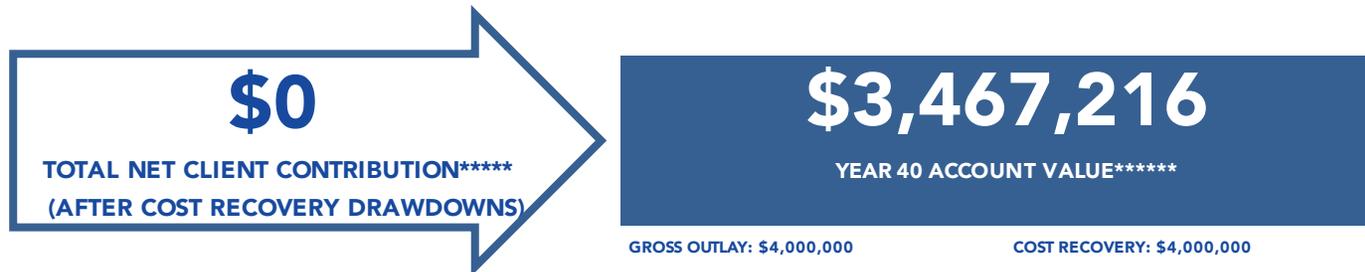
PREMIUM FINANCED LIFE INSURANCE: PARTIAL-EQUITY INTEREST ACCRUAL



NON-FINANCED LIFE INSURANCE



NON-INSURANCE BASED INVESTMENT ACCOUNT



*TOTAL NET CLIENT COST is the total client outlay minus any cost recovery drawdowns from policy values.

**LOWPOINT DEATH BENEFIT (1ST 40 YEARS) assumes a 5.64% index credit. See carrier illustration for details.

***TOTAL NET CLIENT COST is the total client-paid premium.

****LEVEL DEATH BENEFIT assumes a 5.64% index credit. See carrier illustration for details.

*****TOTAL NET CLIENT CONTRIBUTION is the same client outlay as the premium financed life insurance solution minus cost recovery drawdowns.

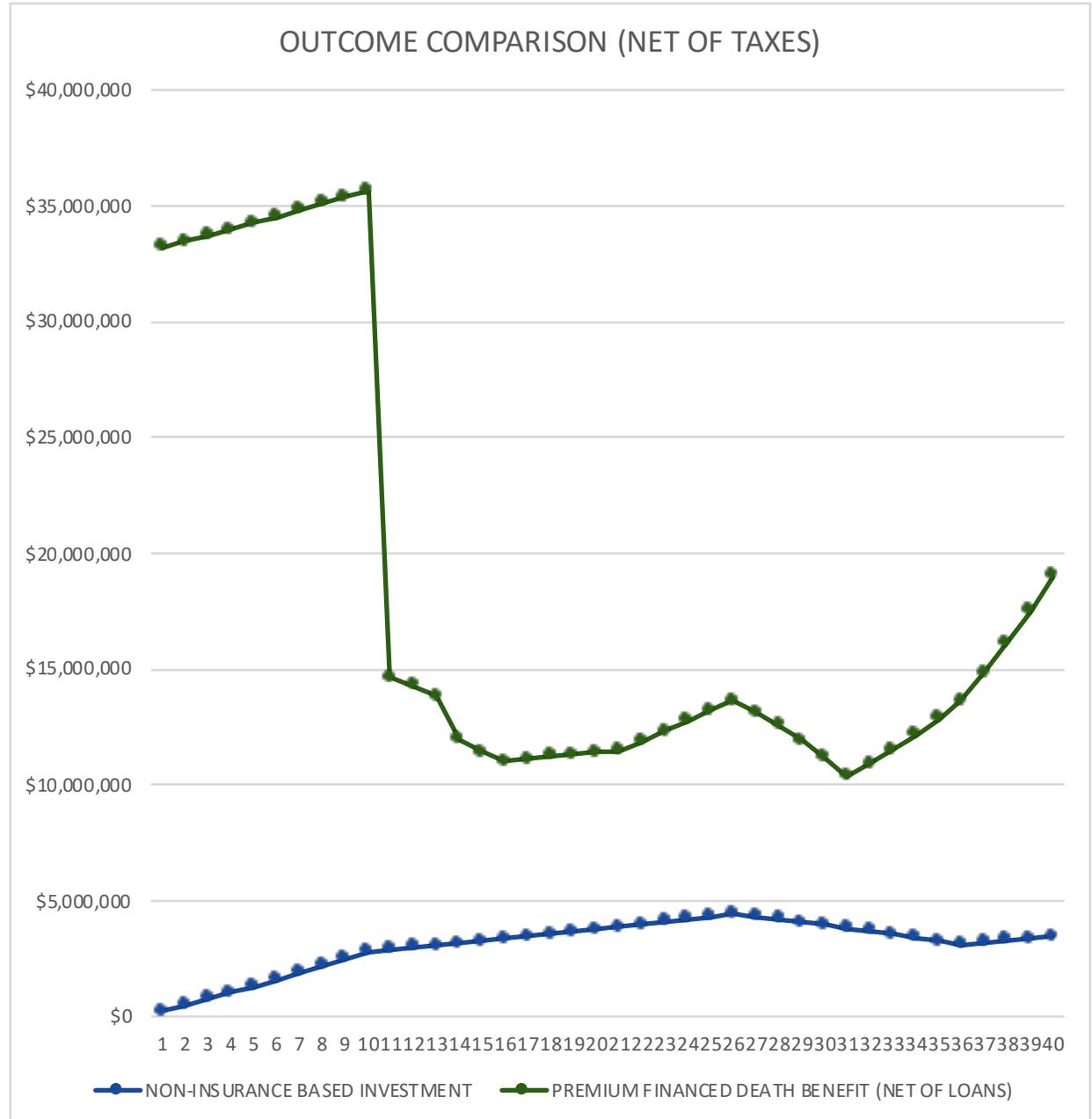
*****YEAR 40 ACCOUNT VALUE assumes a 5.64% return, 1.35% investment fees, 32.6% tax on gains, and 40% estate taxes.

Is Premium Financed Life Insurance An Effective Estate Planning Tool?

GROSS RETURN ASSUMPTION: 5.64%
 ALL-IN INVESTMENT FEE ASSUMPTION: 1.35%

SHORT-TERM CAPITAL GAINS TAX RATE ASSUMPTION: 32.60%
 ESTATE TAX RATE ASSUMPTION: 40.00%

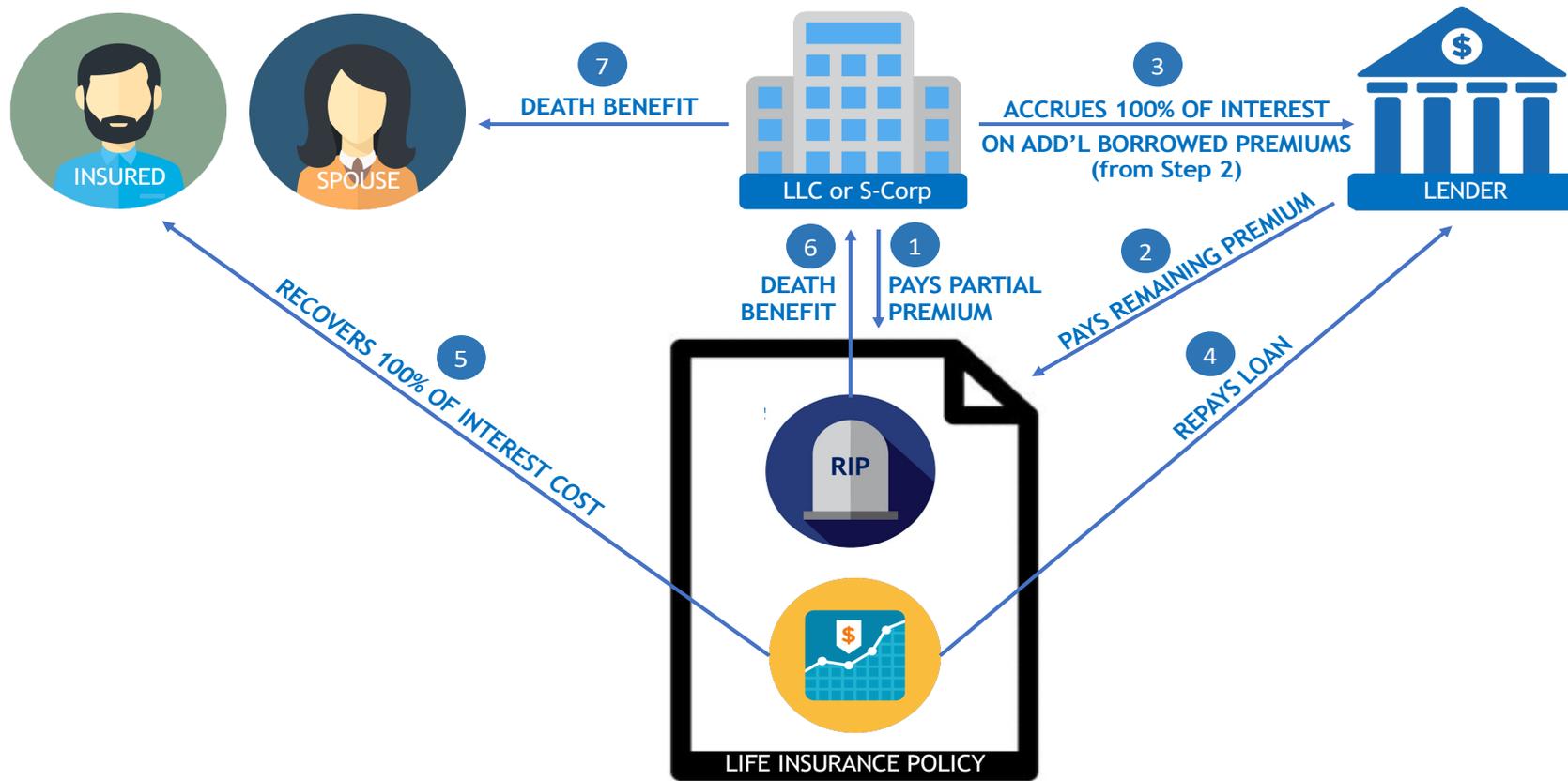
(+ SAME ANNUAL CONTRIBUTION (-) INCOME DRAWDOWNS)		NON-INSURANCE BASED INVESTMENT AFTER ESTATE TAX ACCOUNT VALUE	PREMIUM FINANCED LIFE INSURANCE TAX-FREE NET DEATH BENEFIT	
1	45	\$400,000	\$246,940	\$33,212,601
2	46	\$400,000	\$501,019	\$33,446,374
3	47	\$400,000	\$762,445	\$33,696,979
4	48	\$400,000	\$1,031,431	\$33,963,106
5	49	\$400,000	\$1,308,194	\$34,242,600
6	50	\$400,000	\$1,592,959	\$34,524,260
7	51	\$400,000	\$1,885,958	\$34,810,697
8	52	\$400,000	\$2,187,430	\$35,096,238
9	53	\$400,000	\$2,497,618	\$35,373,705
10	54	\$400,000	\$2,816,775	\$35,634,558
11	55	\$0	\$2,898,221	\$14,625,231
12	56	\$0	\$2,982,022	\$14,269,543
13	57	\$0	\$3,068,246	\$13,817,461
14	58	\$0	\$3,156,963	\$11,960,380
15	59	\$0	\$3,248,245	\$11,410,358
16	60	\$0	\$3,342,167	\$10,983,234
17	61	\$0	\$3,438,804	\$11,119,582
18	62	\$0	\$3,538,236	\$11,236,064
19	63	\$0	\$3,640,542	\$11,330,228
20	64	\$0	\$3,745,807	\$11,399,219
21	65	\$0	\$3,854,116	\$11,439,746
22	66	\$0	\$3,965,556	\$11,869,933
23	67	\$0	\$4,080,219	\$12,306,937
24	68	\$0	\$4,198,196	\$12,749,189
25	69	\$0	\$4,319,586	\$13,195,047
26	70	\$0	\$4,444,485	\$13,642,128
27	71	-\$400,000	\$4,326,056	\$13,124,574
28	72	-\$400,000	\$4,204,202	\$12,539,216
29	73	-\$400,000	\$4,078,826	\$11,885,254
30	74	-\$400,000	\$3,949,824	\$11,157,477
31	75	-\$400,000	\$3,817,092	\$10,353,197
32	76	-\$400,000	\$3,680,522	\$10,904,917
33	77	-\$400,000	\$3,540,003	\$11,502,795
34	78	-\$400,000	\$3,395,422	\$12,149,248
35	79	-\$400,000	\$3,246,659	\$12,846,756
36	80	-\$400,000	\$3,093,596	\$13,597,813
37	81	\$0	\$3,183,046	\$14,824,313
38	82	\$0	\$3,275,082	\$16,129,630
39	83	\$0	\$3,369,780	\$17,517,202
40	84	\$0	\$3,467,216	\$18,990,492



FEES & TAXES: The "Non-Insurance Based Investment" is a fictitious investment that assumes the same net return as the insurance policy's gross index credit, minus hypothetical investment fees, minus hypothetical taxes on gains, minus a hypothetical estate tax rate (both fees and hypothetical tax rates shown at the top of this page). The "Premium Financed Life Insurance" net death benefit includes netting out any third-party loans, internal policy loans, policy fees, and charges. Net death benefit values of the life insurance policy are depicted as tax-free.



PARTIAL-EQUITY INTEREST ACCRUAL: COST RECOVERY



PARTIAL-EQUITY INTEREST ACCRUAL PREMIUM FINANCING: COST RECOVERY DESIGN

1. The policy is owned by an entity (either an LLC or an S-corp). The entity pays some of the policy premium.
2. The lender will pay the balance of life insurance premiums due directly to the life insurance carrier.
3. The entity will accrue the interest due each year on the cumulative loan balance and post the policy (and additional outside assets) as collateral.
4. The appreciated policy value will repay the cumulative loan balance (including the additional compounded debt due to accruing the interest due) to the lender.
5. The entity will take policy loans and pass them through to the insured person to recover 100% of their out-of-pocket costs.
6. Upon the insured's death, the policy death benefit will pay to the entity.
7. The surviving spouse shall receive the unlimited step-up in basis, and enjoy the net death benefit on a tax-free basis.

NON-FINANCED SOLUTION

This solution requires the client to pay premiums out of pocket throughout the period shown below in the "Annual Premium" column.

version NF157086

NON-FINANCED IUL		5.64%		
AGE	ANNUAL PREMIUM	CASH VALUE	DEATH BENEFIT	
1	45	\$196,501	\$51,609	\$10,000,000
2	46	\$196,501	\$219,911	\$10,000,000
3	47	\$196,501	\$395,317	\$10,000,000
4	48	\$196,501	\$578,347	\$10,000,000
5	49	\$196,501	\$769,623	\$10,000,000
6	50	\$196,501	\$969,615	\$10,000,000
7	51	\$196,501	\$1,178,922	\$10,000,000
8	52	\$196,501	\$1,398,106	\$10,000,000
9	53	\$196,501	\$1,627,600	\$10,000,000
10	54	\$196,501	\$1,867,887	\$10,000,000
11	55	\$196,501	\$2,148,517	\$10,000,000
12	56	\$0	\$2,246,767	\$10,000,000
13	57	\$0	\$2,349,044	\$10,000,000
14	58	\$0	\$2,455,353	\$10,000,000
15	59	\$0	\$2,565,719	\$10,000,000
16	60	\$0	\$2,680,229	\$10,000,000
17	61	\$0	\$2,799,003	\$10,000,000
18	62	\$0	\$2,922,071	\$10,000,000
19	63	\$0	\$3,049,308	\$10,000,000
20	64	\$0	\$3,180,481	\$10,000,000
21	65	\$0	\$3,315,529	\$10,000,000
22	66	\$0	\$3,454,560	\$10,000,000
23	67	\$0	\$3,597,901	\$10,000,000
24	68	\$0	\$3,744,980	\$10,000,000
25	69	\$0	\$3,895,470	\$10,000,000
26	70	\$0	\$4,049,443	\$10,000,000
27	71	\$0	\$4,207,113	\$10,000,000
28	72	\$0	\$4,368,488	\$10,000,000
29	73	\$0	\$4,533,161	\$10,000,000
30	74	\$0	\$4,700,680	\$10,000,000
31	75	\$0	\$4,870,913	\$10,000,000
32	76	\$0	\$5,043,860	\$10,000,000
33	77	\$0	\$5,219,486	\$10,000,000
34	78	\$0	\$5,397,684	\$10,000,000
35	79	\$0	\$5,578,451	\$10,000,000
36	80	\$0	\$5,761,971	\$10,000,000
37	81	\$0	\$5,946,957	\$10,000,000
38	82	\$0	\$6,130,086	\$10,000,000
39	83	\$0	\$6,310,824	\$10,000,000
40	84	\$0	\$6,488,818	\$10,000,000

\$2,161,511
TOTAL NET COST
(OVER 40 YEARS)

PREMIUM FINANCED w/ COST RECOVERY

In this solution, the client is paying a portion of the premium, and borrowing the remaining premium, and accruing the interest.

version 531993

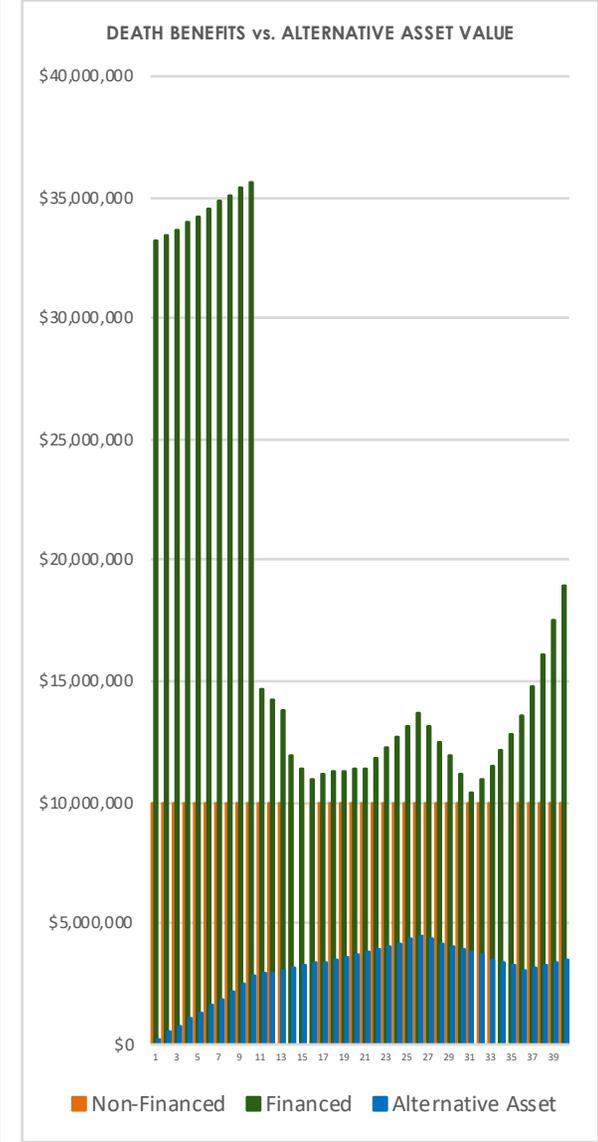
PARTIAL-EQUITY INTEREST ACCRUAL		5.64%		
AGE	ANNUAL CONTRIBUTION	CASH VALUE NET OF LOANS	DEATH BENEFIT NET OF LOANS	
1	45	\$400,000	\$0	\$33,212,601
2	46	\$400,000	\$0	\$33,446,374
3	47	\$400,000	\$238,213	\$33,696,979
4	48	\$400,000	\$559,087	\$33,963,106
5	49	\$400,000	\$894,252	\$34,242,600
6	50	\$400,000	\$1,232,045	\$34,524,260
7	51	\$400,000	\$1,575,539	\$34,810,697
8	52	\$400,000	\$1,918,830	\$35,096,238
9	53	\$400,000	\$2,254,740	\$35,373,705
10	54	\$400,000	\$2,574,729	\$35,634,558
11	55	\$0	\$2,698,339	\$14,625,231
12	56	\$0	\$2,739,050	\$14,269,543
13	57	\$0	\$2,751,566	\$13,817,461
14	58	\$0	\$1,446,917	\$11,960,380
15	59	\$0	\$1,529,691	\$11,410,358
16	60	\$0	\$1,777,646	\$10,983,234
17	61	\$0	\$2,047,448	\$11,119,582
18	62	\$0	\$2,341,021	\$11,236,064
19	63	\$0	\$2,660,335	\$11,330,228
20	64	\$0	\$3,007,365	\$11,399,219
21	65	\$0	\$3,384,072	\$11,439,746
22	66	\$0	\$3,789,513	\$11,869,933
23	67	\$0	\$4,224,800	\$12,306,937
24	68	\$0	\$4,691,050	\$12,749,189
25	69	\$0	\$5,189,488	\$13,195,047
26	70	\$0	\$5,720,871	\$13,642,128
27	71	-\$400,000	\$5,878,344	\$13,124,574
28	72	-\$400,000	\$6,066,638	\$12,539,216
29	73	-\$400,000	\$6,293,778	\$11,885,254
30	74	-\$400,000	\$6,564,764	\$11,157,477
31	75	-\$400,000	\$6,887,917	\$10,353,197
32	76	-\$400,000	\$7,244,751	\$10,904,917
33	77	-\$400,000	\$7,637,115	\$11,502,795
34	78	-\$400,000	\$8,066,888	\$12,149,248
35	79	-\$400,000	\$8,535,989	\$12,846,756
36	80	-\$400,000	\$9,046,330	\$13,597,813
37	81	\$0	\$10,019,228	\$14,824,313
38	82	\$0	\$11,057,428	\$16,129,630
39	83	\$0	\$12,163,719	\$17,517,202
40	84	\$0	\$13,340,886	\$18,990,492

\$0
TOTAL NET COST
AFTER \$4MM COST RECOVERY DRAWDOWNS

NON-INSURANCE BASED ALTERNATIVE ASSET

This Alternative Asset (n blue) depicts the same annual contribution invested in a non-insurance based account with the same static gross return as the as-illustrated policy index return, minus taxes (shown at the bottom of this graph in blue font). There are no investment fees assumed in this depiction.

5.64% ALTERNATIVE ASSET	
AGE	ALTERNATIVE ASSET
1	\$246,940
2	\$501,019
3	\$762,445
4	\$1,031,431
5	\$1,308,194
6	\$1,592,959
7	\$1,885,958
8	\$2,187,430
9	\$2,497,618
10	\$2,816,775
11	\$2,898,221
12	\$2,982,022
13	\$3,068,246
14	\$3,156,963
15	\$3,248,245
16	\$3,342,167
17	\$3,438,804
18	\$3,538,236
19	\$3,640,542
20	\$3,745,807
21	\$3,854,116
22	\$3,965,556
23	\$4,080,219
24	\$4,198,196
25	\$4,319,586
26	\$4,444,485
27	\$4,326,056
28	\$4,204,202
29	\$4,078,826
30	\$3,949,824
31	\$3,817,092
32	\$3,680,522
33	\$3,540,003
34	\$3,395,422
35	\$3,246,659
36	\$3,093,596
37	\$3,183,046
38	\$3,275,082
39	\$3,369,780
40	\$3,467,216



Taxable Gains Rate Assumption: 32.60%
Estate Tax Rate Assumption: 40.00%
Investment Fee Assumption: 1.35%



SUMMARY OF CARRIER-ILLUSTRATED STATIC RETURNS (DESIGNED TO STAY IN FORCE UNTIL AGE 120)

version 531993

SL

PARTIAL-EQUITY INTEREST ACCRUAL

At This Index Credit Assumption, Death Benefit Lasts Until Age: **120**

5 of 10

08/26/22

Health Rating:		PREFERRED			Third Party Loan Payoff Type:		PAR LOAN		PLR:	5.14%		Initial Gross Policy Face Amount:		\$33,000,000				
YEAR	AGE	1 TOTAL POLICY PREMIUMS	2 EQUITY PREMIUMS	3 BORROWED PREMIUMS	4 CUMULATIVE PF LOAN BALANCE	5 FINANCING INTEREST RATE	6 INTEREST DUE	7 INTEREST ACCRUED	8 CLIENT CONTRIBUTION	9 (Cash) GAP COLLATERAL	10 HYPOTHETICAL INDEX CREDIT	11 POLICY DRAWDOWNS	12 GROSS POLICY CSV	13 POLICY CSV NET OF LOANS	14 DEATH BENEFIT NET OF LOANS	15 DEATH BENEFIT + YTY INCOME DRAWDOWN IRR	YEAR	AGE
1	45	\$2,000,000	\$400,000	\$1,600,000	\$1,600,000	4.39%	\$70,240	\$70,240	\$400,000	\$507,665	5.64%	\$0	\$1,245,958	-\$354,042	\$33,212,601	8203.15%	1	45
2	46	\$2,000,000	\$400,000	\$1,600,000	\$3,270,240	4.49%	\$146,671	\$146,671	\$400,000	\$512,828	5.64%	\$0	\$3,203,563	-\$66,677	\$33,446,374	765.78%	2	46
3	47	\$2,000,000	\$400,000	\$1,600,000	\$5,016,911	4.58%	\$229,976	\$229,976	\$400,000	\$518,836	5.64%	\$0	\$5,255,124	\$238,213	\$33,696,979	300.42%	3	47
4	48	\$2,000,000	\$400,000	\$1,600,000	\$6,846,887	4.69%	\$320,920	\$320,920	\$400,000	\$520,718	5.64%	\$0	\$7,405,974	\$559,087	\$33,963,106	171.94%	4	48
5	49	\$2,000,000	\$400,000	\$1,600,000	\$8,767,808	4.79%	\$420,369	\$420,369	\$400,000	\$524,284	5.64%	\$0	\$9,662,060	\$894,252	\$34,242,600	115.95%	5	49
6	50	\$2,000,000	\$400,000	\$1,600,000	\$10,788,177	4.91%	\$529,299	\$529,299	\$400,000	\$541,127	5.64%	\$0	\$12,020,223	\$1,232,045	\$34,524,260	85.54%	6	50
7	51	\$2,000,000	\$400,000	\$1,600,000	\$12,917,476	5.02%	\$648,812	\$648,812	\$400,000	\$569,325	5.64%	\$0	\$14,493,015	\$1,575,539	\$34,810,697	66.74%	7	51
8	52	\$2,000,000	\$400,000	\$1,600,000	\$15,166,288	5.14%	\$780,160	\$780,160	\$400,000	\$615,945	5.64%	\$0	\$17,085,118	\$1,918,830	\$35,096,238	54.10%	8	52
9	53	\$2,000,000	\$400,000	\$1,600,000	\$17,546,448	5.27%	\$924,762	\$924,762	\$400,000	\$688,859	5.64%	\$0	\$19,801,188	\$2,254,740	\$35,373,705	45.08%	9	53
10	54	\$2,000,000	\$400,000	\$1,600,000	\$20,071,211	5.40%	\$1,084,234	\$1,084,234	\$400,000	\$797,329	5.64%	\$0	\$22,645,939	\$2,574,729	\$35,634,558	38.35%	10	54
11	55	\$0	\$0	\$0	\$21,155,445	5.54%	\$1,171,793	\$1,171,793	\$0	\$941,968	5.64%	\$0	\$23,853,784	\$2,698,339	\$14,625,231	19.67%	11	55
12	56	\$0	\$0	\$0	\$22,327,238	5.68%	\$1,268,564	\$1,268,564	\$0	\$1,087,072	5.64%	\$0	\$25,066,289	\$2,739,050	\$14,269,543	16.93%	12	56
13	57	\$0	\$0	\$0	\$23,595,802	5.83%	\$1,375,712	\$1,375,712	\$0	\$1,269,832	5.64%	\$0	\$26,347,368	\$2,811,566	\$13,817,461	14.67%	13	57
14	58	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$24,971,514	\$1,446,917	\$1,446,917	\$11,960,380	11.64%	14	58
15	59	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$1,529,691	\$1,529,691	\$11,410,358	10.10%	15	59
16	60	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$1,777,646	\$1,777,646	\$10,983,234	8.90%	16	60
17	61	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$2,047,448	\$2,047,448	\$11,119,582	8.30%	17	61
18	62	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$2,341,021	\$2,341,021	\$11,236,064	7.77%	18	62
19	63	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$2,660,335	\$2,660,335	\$11,330,228	7.29%	19	63
20	64	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$3,007,365	\$3,007,365	\$11,399,219	6.86%	20	64
21	65	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$3,384,072	\$3,384,072	\$11,439,746	6.47%	21	65
22	66	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$3,789,513	\$3,789,513	\$11,869,933	6.32%	22	66
23	67	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$4,224,800	\$4,224,800	\$12,306,937	6.18%	23	67
24	68	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$4,691,050	\$4,691,050	\$12,749,189	6.05%	24	68
25	69	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$5,189,488	\$5,189,488	\$13,195,047	5.92%	25	69
26	70	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$5,720,871	\$5,720,871	\$13,642,128	5.81%	26	70
27	71	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$5,878,344	\$5,878,344	\$13,124,574	5.52%	27	71
28	72	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,066,638	\$6,066,638	\$12,539,216	5.23%	28	72
29	73	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,293,778	\$6,293,778	\$11,885,254	4.96%	29	73
30	74	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,564,764	\$6,564,764	\$11,157,477	4.68%	30	74
31	75	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$6,887,917	\$6,887,917	\$10,353,197	4.41%	31	75
32	76	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$7,244,751	\$7,244,751	\$10,904,917	4.55%	32	76
33	77	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$7,637,115	\$7,637,115	\$11,502,795	4.69%	33	77
34	78	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$8,066,888	\$8,066,888	\$12,149,248	4.81%	34	78
35	79	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$8,535,989	\$8,535,989	\$12,846,756	4.92%	35	79
36	80	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	-\$400,000	\$9,046,330	\$9,046,330	\$13,597,813	5.02%	36	80
37	81	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$10,019,228	\$10,019,228	\$14,824,313	5.11%	37	81
38	82	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$11,057,428	\$11,057,428	\$16,129,630	5.19%	38	82
39	83	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$12,163,719	\$12,163,719	\$17,517,202	5.27%	39	83
40	84	\$0	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	5.64%	\$0	\$13,340,886	\$13,340,886	\$18,990,492	5.34%	40	84

-\$20,000,000 -\$4,000,000 -\$16,000,000

\$8,971,514 \$8,971,514

\$4,000,000

TOTAL INCOME DRAWN:

-\$4,000,000

PREMIUM FINANCING INTEREST ASSUMPTIONS	
Date Base Rate Calculated:	8/26/2022
Base Rate Used:	1-Month CMT
Current 1-Month CMT Rate:	2.29%
CMT Compounded Annual Increase:	4.15%
Lender Spread:	2.10%
Total Rate Floor:	2.10%
GLO1 \$1M-\$1.49M Year-1 Rate:	4.39%
POLICY INDEX CREDIT ASSUMPTIONS	
AG-49 (Average of every 25-yr run over last 65 years):	5.64%
Reduced Assumed Index Credit:	5.64%

GAP COLLATERAL REQUIREMENTS	
Type Of Gap Collateral:	Cash Index Credit
Collateral Valued At:	100.00% Assumption (ICA) 0.00%
The Gap Collateral (in years 3+) is calculated by the cumulative loan balance in a given year, minus 95% of the EOY Gross AV two years prior, plus the sum of the premium paid in the previous year minus policy charges, plus the new premium entering the policy in the current year minus policy charges and surrender charges in the current year + ICA. This calculation is the equivalent of assuming a 0% index credit in the previous year (whose EOY index credit would not have credited at the time of the current year's loan anniversary and the current year's EOY index credit would not have credited yet either. This value is then multiplied by the % of "Collateral Valued At" above, estimating the gap collateral required based on the type of collateral chosen. The collateral depicted is purely hypothetical and may vary.	

FINANCIAL BENEFIT SUMMARY	
1ST YEAR COLLATERAL REQUIREMENT:	\$507,665
PREMIUMS PAID BY CLIENT:	-\$4,000,000
LOAN INTEREST PAID BY CLIENT:	\$0
TOTAL CLIENT OUTLAY:	-\$4,000,000
TOTAL DRAWDOWNS (excluding loan payoff):	\$4,000,000
40-YEAR PROGRAM NET CASH FLOW:	\$0
YEAR 40 NET CASH SURRENDER VALUE:	\$13,340,886
40-YEAR CASH GAIN (excluding death benefit):	\$13,340,886
40-YEAR NET CSV IRR:	4.54%

The rates and values shown above are not guaranteed and are subject to change by the insurer. Actual financial outcomes may be less favorable or more favorable than this hypothetical static depiction. For more information regarding Gap Collateral, see the section on the next page of this document titled "Collateral." Please see the full carrier illustration for guaranteed values and other important information. This is only a hypothetical depiction and does not imply any guarantees of outcomes whatsoever. Actual performance is subject to index returns and the carrier's underlying crediting policy charges. The insurance carrier is bound only by the terms of the life insurance contracts it issues. Additional loan fees may apply depending on the lender and lender's loan terms. Refer to lender's loan document for details.



Program Assumptions

I understand that all assumptions made in this document are hypothetical scenarios using hypothetically constructed assumptions of index returns, borrowing rates from a third party premium financing lender, carrier participating loan rates, and carrier policy charges. I understand that these assumptions are merely hypothetical and are not guaranteed by the carrier or the life insurance contract, and that such assumptions may vary based on market performance and a variety of financial variables. I attest that I have been given a copy of the full carrier illustration prior to making any decisions to purchase a life insurance policy. I also understand that this life insurance policy is not an “investment” or a “marketable securities product”; it is an insurance product.

Financing Premiums

I understand that I am purchasing a life insurance policy. My intention is to pay the premiums depicted in this document out-of-pocket, or finance such premiums through a third-party lender in the arrangement and in the amounts as shown in this document. I understand that there are certain minimum premiums that will be required to keep the policy in force. I attest that the payments depicted in this document are affordable to me and that the death benefit amounts are appropriate and suitable based on my liquid net worth, my current and future cash flow situation, and my aspirational personal financial plan. I acknowledge that I have been shown one or more premium financed options wherein a third party lender funds some or all of the premiums and interest on such third party loan is due each year (whether paid or accrued), as well as one or more non-financed options wherein I would be responsible for paying 100% of the policy premiums myself. I acknowledge that I have not been forced, coerced or incentivized to finance premiums through a lender or bank, however I understand that it is within my right as the policy owner to exercise this right, pending carrier approval and lender approval. I acknowledge that the decision to finance premiums, per carrier and lender parameters, is my own decision based on my own discernment regarding the suitability and appropriateness of such arrangement due to my current financial situation and my own projected future financial situation.

Collateral

I understand that the policy cash surrender value may be used as some or all of the collateral required in the premium financing loan, and that the third party lender will take a collateral assignment against the policy in such arrangement. I understand that the Loan-To-Value (LTV) requirement is different for each lender, and I may be required to post additional outside collateral (in addition to the policy surrender value) based on the lender's requirements. I understand that such outside collateral amounts shall be determined by the lender (prior to funding the loan in each policy year) based on the type of outside collateral I am posting, and that such collateral requirement amounts shall be fully disclosed in the official loan document. I have been made aware that such collateral amounts depicted in this document are only hypothetical and may vary in real-world scenarios based on lender requirements, actual cumulative loan balances, actual type of funds used as collateral, and actual policy cash surrender values. I acknowledge that I have been advised to analyze scenarios less favorable than the policy values illustrated in this document to anticipate the potential of greater outside collateral amounts I may need to post in this premium financing arrangement. I also acknowledge that Lionsmark Capital, its representatives, and all agents of record on this policy have recommended that I should have (or have access to) a minimum of 2.0 times the peak collateral (the maximum collateral in a given year depicted in this document) in lender-approved assets in the event of potential collateral increases. Though this recommendation is not necessarily a requirement of the lender or carrier, I understand that should the policy cash surrender value become less than what is depicted in this document due to unfavorable index performance, and/or my collateral decreases in value due to unfavorable market conditions, that I may have to post significantly more collateral than what is depicted in this document based on the lender's LTV requirements, hence the recommendation of having (or having access to) the additional collateral-approved assets in reserve.

Interest Due & Client Contributions

I understand that should I elect to borrow some or all premiums in this design, interest due on such financed premiums shall be due each year, and I attest that I intend to either pay such interest payments to the lender each year in full, or pay some premium amounts myself and accrue some or all of the interest due. Should I elect to accrue interest, I understand that this decision results in compounding debt, increasing my cumulative loan balance with the third-party lender. I have been made aware by Lionsmark Capital the fundamental risks of interest accrual, and that should the compounding debt outpace the growth of the policy cash values, I may be required to either pay down the third-party loan with outside funds earlier than what is depicted in this document, or infuse more of my own outside capital into the policy than what is depicted in this document to increase the policy cash value and/or pay for the cost of insurance in order to keep the policy in force. I acknowledge that any decision to accrue interest is my decision and my decision alone, that any such decision is NOT due to my inability to afford paying the interest, rather due to my preference of repositioning such capital in other assets that I feel would yield higher returns, and that I have not been encouraged to accrue interest as a way to reduce my financial contributions to this premium financing program. I acknowledge that Lionsmark Capital has offered me programs - both financed and non-financed life insurance solutions - wherein I would either pay all premiums or all interest due out-of-pocket. Should the carrier and lender allow me to accrue interest due to my liquidity and net worth, and should I elect to do so, I attest that Lionsmark Capital has advised me against any premium financed life insurance strategies wherein 100% of premiums are borrowed, 100% of interest is accrued, and outside collateral is merely posted (sometimes referred to as a "zero cash contribution strategy") because of the substantial risk incurred. I attest that any depiction and/or execution of this aforementioned high-risk premium financing arrangement illustrated was neither endorsed nor encouraged by Lionsmark Capital, and was designed per my specific request, and that Lionsmark Capital was merely taking direct orders from me per my specific request. Should I decide to execute such "zero cash contributions strategy" (or any strategy wherein I pay less than 20.00% of premium and I accrue 100.00% of the interest due), I acknowledge such risk and attest that I intimately understand the mathematical and financial risk associated with such financing design, and hold harmless Lionsmark Capital and the "Released Parties" mentioned later in this document.

Interest Rates & Loan Fees

I understand that there are loan fees associated with this program that may include loan origination and arrangement fees, loan document fees, and closing costs, and that such fees will be disclosed in the official loan document that shall be made available to me prior to accepting the third party loan. I understand that the borrowing rates shown in this document are purely hypothetical and do not represent any specific lender or loan agreement and do not guarantee any specific loan terms. I understand that actual borrowing rates may increase and greatly exceed borrowing rates as depicted in this document by 2x, 3x, or greater, and I am prepared to absorb such increases.

Loan Renewal

I understand that at the end of each loan term, the lender will require me to produce the most recent tax return of the policy owner or proof of filing an extension, a copy of the life insurance policy in force illustration, a copy of the most recent life insurance policy statement, an updated personal financial statement signed by the insured person or an updated corporate financial statement (if owned by a company) signed by an authorized company officer.

Loan Payoff

Should I use policy values to payoff the third-party loan, I understand that I may elect to do so using either a withdrawal, a fixed policy loan, or a participating policy loan. I acknowledge that Lionsmark Capital has explained the potential benefits and potential risks of each of these options regarding such policy loans. I understand that the example illustrated in this document is a hypothetical example of using one of these policy loan options, and that I may also elect to pay off the third-party lender using outside funds instead of policy values. I understand that the year in which the loan is paid off using policy values as illustrated in this document is a hypothetical example, and that should policy values allow, I may exercise my right to payoff the third-party lender earlier. I also understand that I may elect to pay off the loan at a later date than as illustrated in this

document. It has been communicated to me by Lionsmark Capital that exercising a loan exit strategy using policy values to payoff the third-party lender is largely due to the policy value at such time, and that I should have an inforce policy illustration run by the carrier using a conservative crediting assumption that depicts future hypothetical policy values based on this third-party payoff assumption to evaluate policy sustainability at such time. I acknowledge that it is recommended by Lionsmark Capital that such illustration be run with the goal of keeping the policy in force until it endows with no policy lapse prior to endowment, typically until age 120 (policy endowment may vary from carrier to carrier and product to product), and that this inforce illustration should be done prior to any policy drawdown. I also acknowledge that such figures depicted in any illustration are hypothetical depictions based on certain assumptions that may or may not happen in a real-world scenario, similar to any hypothetical financial projection in any insurance policy or any non-insurance based investment product.

Policy Design - Death Benefit

I understand that my policy allows for a face reduction wherein the death benefit of the life insurance policy may be intentionally designed (or redesigned after the policy is in force) to decrease after a certain number of years in order to maximize the cash value accumulation potential by reducing the cost of insurance within the policy due to a lesser death benefit amount. I understand that although this life insurance policy may to be used for cash value accumulation (as a separate asset class within my overall financial portfolio), there is a legitimate and definite insurable need congruent with the death benefit of this policy. I acknowledge that it is both my personal desire and a quantifiable need to have such death benefit amount, and that such death benefit amount is suitable for me based on my income, net worth, earning potential, and the current and future economic value of my life as it pertains to the financial sustenance of my beneficiaries.

Policy Design - Crediting Methodology

I understand that the crediting method used within this policy is based on the returns of a particular index, fixed account, or dividend scale (depending on the product design election that I have made), and that such crediting occurs after all policy charges have been deducted. It has been disclosed to me that even in such cases wherein the credit the policy receives a 0.00% credit in a given year (e.g. IUL policies with a 0.00% floor), the policy net cash surrender value may decrease due to the policy charges, despite the "0.00% floor." I understand that the static annual crediting assumption as illustrated in this document is merely a hypothetical percentage, and that actual future annual returns will vary based on market performance, resulting in a greater or lesser policy cash value, and that should policy cash values be less than illustrated in this document, that I may need to contribute more capital towards this program in the form of premium, interest, or collateral. I understand that such crediting assumptions depicted in this document are not guaranteed and are merely hypothetical depictions. I understand that should I elect to use a *Dollar Cost Averaging* method wherein not all net premium values go into the primary account receiving the annual credit, the net policy value at the policy/loan anniversary will not reflect the annual credit on 100% of the policy gross accumulated value (typically only 1/12 of the value), which may result in a greater collateral requirement than as depicted in this document.

Policy Design - Charges Methodology

I understand that there are policy charges, including but not limited to premium loads that include state taxes, cost of insurance charges, rider charges, and administrative charges. There may also be asset-based charges should I elect to purchase certain crediting/multiplier/high-cap enhancements/bonuses (if available) that may not depicted in this premium financing document. Such enhancements/bonuses and their associated charges have been transparently articulated to me by Lionsmark Capital. I understand that some of these charges are fixed and some are variable, all of which are disclosed in the full carrier illustration, which I have received. In such cases wherein multiplier or high-cap options that may enhance the annual crediting are available, it has been disclosed to me how such associated asset-based charges may affect outcomes, relative to the crediting

enhancements. I understand that should I elect to purchase such enhancement riders in the policy, that in a given year wherein the policy receives a 0.00% index credit, both the standard policy charges AND the additional asset-based charges would cause the net cash surrender value to decrease in such given year despite a 0.00% floor (if one exists in the policy design). Should I elect any such credit enhancement options, I acknowledge that I have been made aware of such scenarios wherein this cash surrender value loss may occur. I also attest that I have been provided a report that depicts a hypothetical scenario in which similar charges and credits are applied to a hypothetical synthetic asset during different periods wherein volatility exists. I understand that such report does NOT depict a re-creation of this life insurance policy I am purchasing, but rather a proxy - a made up, fictitious asset whose crediting and charges methodology is similar (but not exact) to the crediting method used in this policy, and that such proxy/report is for educational purposes only, used to explain the methodology of how certain credits and charges are calculated. It has been explained to me that such report is NOT a projection or assumption that the future outcomes of the life insurance policy I am purchasing will be similar to the outcomes depicted in the hypothetical synthetic asset (the proxy).

Crediting & Drawdown Assumptions

I acknowledge that the crediting assumption made in this document has been restricted to "AG 49-A" (Actuarial Guideline 49A) which is a guideline created by the *National Association of Insurance Commissioners (NAIC)*, which limits the maximum allowable index credit to the average of every 25-year period over the last 65 years. It has been explained to me that any *Participating Loan Rate (PLR)* depicted in the carrier illustration cannot be less than 0.50% less than the illustrated crediting assumption despite what the actual current, future, or guaranteed carrier participating loan rate is. I understand that in reality, the potential positive or negative arbitrage between the actual policy crediting rate in a given year and the participating loan rate in a given year may result in a more favorable result or a more less favorable result than as depicted in this document.

Election To Modify The Program

I understand that there may be a cash surrender value within the policy during certain years, and that I may exercise my right to either make tax-free withdrawals up to basis, and/or tax-free policy loans on my own volition (AFTER the third party loan is paid off completely, or per the lender's approval during the term of the loan). I also understand that the policy - in general - is not designed to take significant withdrawals or policy loans within the first 1-10 years of the policy, regardless of the premiums being financed or not, and that doing so poses great risk to the sustainability of the policy. I understand that the scheduled premium payments as shown in the carrier illustration are one of many ways to fund this life insurance policy. I understand that I may exercise my right to decrease the face amount (death benefit) of the policy and decrease the annual premiums after a certain number of years should I choose to do so, but that by doing so, the cash value of the policy may be substantially less than the numbers as illustrated in this document. I also understand that I may exercise my right to skip premium payments and/or end annual premium payments earlier in the policy than the scheduled premium payments as shown in the carrier illustration, however should I choose to do so, the cash value accumulation and death benefit may not perform as well as depicted in this document and may put the policy in jeopardy of lapsing. I understand that such benefits should be re-evaluated at the time of such policy alterations, and I understand that it is advisable that I should consult my financial professionals including but not limited to my life insurance agent, my financial advisor, and my estate planning attorney when appropriate, prior to independently making such changes despite my right to make such changes independent of any outside counsel. I attest that should I make any modifications to the as-illustrated program that result in any adverse results, including but not limited to reducing or increasing premium amounts funded in any given year, type of collateral posted, dollar cost averaging premium contributions, a different crediting method, a different index or underlying account, accruing more interest than as depicted, or changing the loan terms with a lender, I hereby hold harmless Lionsmark Capital, Darren Sugiyama as an individual, and any entities Darren Sugiyama has a beneficial interest in (hereinafter referred to as the "Released Parties") from any and all claims, causes of action, damages, demands, liens, rights, controversies, losses, costs and expenses (including without limitation attorneys' fees and costs) or charges of whatever nature. I also, on behalf of my agents, attorneys, executors, administrators, legal representative, successors, heirs, next of kin, assigns, and the like, agree to never institute any action or any suit at law or in equity against the Released Parties, or institute or prosecute, or in any way aid in the institution or

prosecution of any claim arising from any unfavorable outcomes that may result from any changes made to the policy design or the third party loan design as illustrated in this document. I also hold harmless the Released Parties for negative outcomes that may come from poor market performance; policy changes instituted by insurance carriers; any future financial hardships incurred by either my business, myself as an individual person or my estate; or any other unforeseen factors that my contribute to an outcome less desirable that what is depicted in this document.

Acknowledgement Of Suitability

I attest that the Released Parties have not attempted to influence my decision regarding the size of this policy, the death benefit amount, nor the decision to finance premiums versus paying premiums out-of-pocket. I also attest that the overall program depicted in this document, including but not limited to the death benefit amount, the annual program contribution amounts (the premium paid out-of-pocket requirements and/or the interest paid out-of-pocket), the risk of any future borrowing rate increases at the end of each loan term, the risk of interest accrual (should I elect to accrue any interest), the type of life insurance product and its chassis design, the way in which the policy's crediting and charges methods are designed, the third party lender loan terms which I have read in the term sheet and the entire loan document provided to me by the third party lender, and any other assumptions made in this document were designed based on my own requests, my own sound mind and judgement, as well as any outside counsel I may have received from my attorney, CPA, and/or trusted advisors, and not by the Released Parties. I attest that Lionsmark Capital and Darren T. Sugiyama as an individual have merely designed and modeled this program based on my own personal requests and I am purchasing this life insurance policy using the knowledge I have personally procured through my own independent research and due diligence. I attest that I have been given ample time to consult my attorney, CPA and/or my trusted advisors that manage and/or advise me on my estate and financial matters prior to making any decision to purchase this life insurance policy.

PROPOSED INSURED:
M45 - PEIACR \$10MM



X

Signature *Date Signed*

ADDITIONAL INSURED (if applicable):

N/A



X

Signature *Date Signed*

POLICY OWNER:

,


X

Signature *Date Signed*

As the soliciting agent, I acknowledge that I am not an employee, contractor, partner, representative, nor agent of Lionsmark Capital, and that I am acting on behalf of myself as an independent, licensed insurance agent with my own E&O coverage. I irrevocably and unconditionally release and discharge the Released Parties from all liabilities that may result from my independent actions.

SOLICITING AGENT:
Darren Sugiyama



X

Signature *Date Signed*

This document is only valid if it bears the signature of Darren Sugiyama. Any and all other versions of life insurance designs modeled for or discussed with the proposed insured before the date signed below are not valid and are not approved Lionsmark Capital documents. Lionsmark Capital and the Released Parties shall not be held liable for any representations made or data illustrated in such invalid documents.

LIONSMARK CAPITAL:
Darren Sugiyama



X

Signature *Date Signed*

HYPOTHETICAL SYNTHETIC PROXIES: BACKTESTING REPORT

BEST CAGR IN 40-YEAR PERIOD*

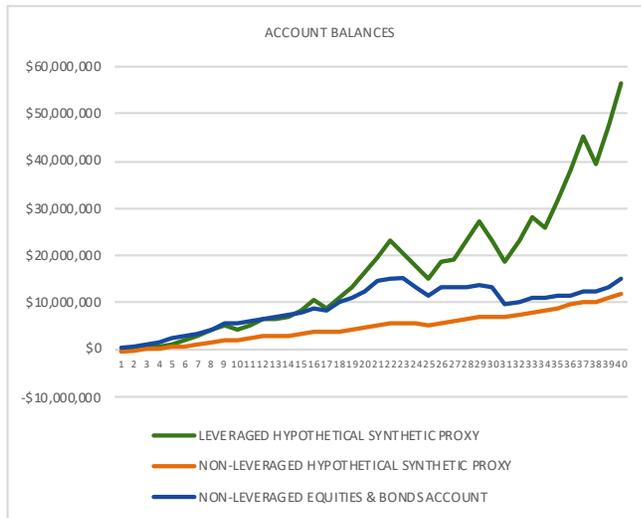
LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED EQUITIES & BONDS ACCOUNT



BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

BACKTESTING MODELS FOR:

1. LEVERAGED HYPOTHETICAL SYNTHETIC PROXY
2. NON-LEVERAGED HYPOTHETICAL SYNTHETIC PROXY
3. NON-LEVERAGED HYPOTHETICAL EQUITIES & BONDS ACCOUNT

WORST CAGR IN 40-YEAR PERIOD*

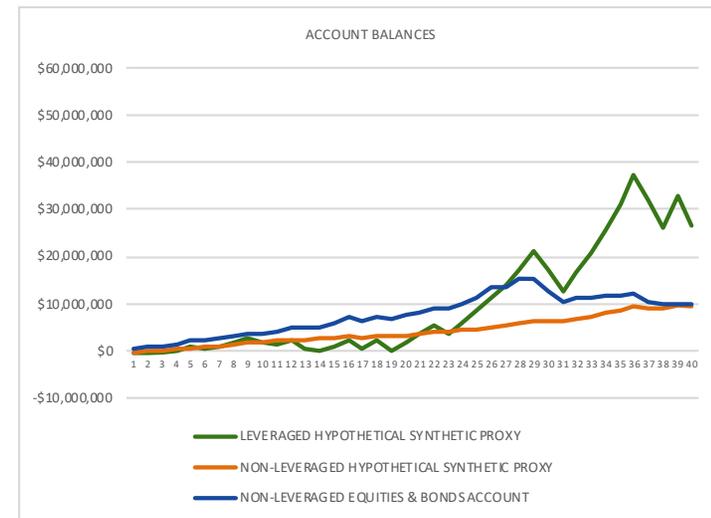
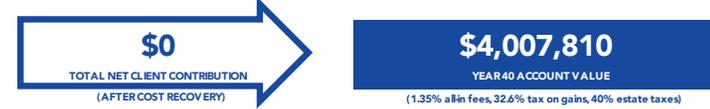
LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED HYPOTHETICAL SYNTHETIC PROXY



NON-LEVERAGED EQUITIES & BONDS ACCOUNT



WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

SYNTHETICALLY MODELED FOR: M45 - PEIACR \$10MM
 ADVISOR: Darren Sugiyama
 DATE CREATED: 8/26/2022

*The following report is a hypothetical proxy that behaves similar to some real-world products, but is not an exact depiction of any specific real-world product and is for educational purposes only. All financial outcomes in this document are hypothetical and are not projections, assumptions, or guarantees of any specific real-world investment or insurance product. The "Best 40" is the historical 40-year period that produced the best Compounded Annual Growth Rate out of 121 different historical 40-year periods analyzed. The "Worst 40" is the historical 40-year period that produced the worst Compounded Annual Growth Rate out of the same 121 different historical 40-year periods analyzed. For an explanation of how these hypothetical backtesting assumptions were created, please refer to the "Backtesting" explanation on page 3 of this document.

PURPOSE OF THIS DOCUMENT

The purpose of this document is to educate interested parties how different charges and crediting methods may affect financial outcomes during various historical 40-year sequences of returns with volatility as opposed to the same static average return in each given year. To do so, we have created a "proxy" that behaves similar to some real-world products, but is not an exact depiction of any product. This report is analogous to a scientific experiment wherein one may want to study the behavior of the sun, the behavior of the electromagnetic fields around the sun, and the solar wind. If one was to build a "proxy" for the sun in a laboratory (similar to what the University of Wisconsin-Madison did in their plasma physics laboratory in 2010), some of these behaviors could be observed, creating a better understanding of solar phenomena. At Lionsmark Capital, we have created a "proxy" in our "laboratory" to better understand how certain charges and crediting methods commonly used in real-world indexed products and investment accounts may affect outcomes during different types of 40-year sequences. This report is merely a "laboratory-produced proxy" and is not an actual product or investment. We call this a "Hypothetical Synthetic Proxy." Lionsmark Capital is a third-party analytics company - not an insurance agency, insurance brokerage, investment advisory firm, CPA firm, law firm, or tax advisor - and does not receive any revenue or commission from any insured person or insurance policy owner, and assumes no liability for any financial outcomes related to the purchase of any investments, insurance products, or financial instruments. Lionsmark Capital does not endorse any tax strategies that may include the purchase of a life insurance policy.

LEVERAGED HYPOTHETICAL SYNTHETIC PROXY

This hypothetical proxy may be funded with client capital, or a third-party lender's capital, or a combination of both. Its returns are correlated with the S&P 500 and models actual historical returns of the S&P 500 (not including dividends) using these parameters:

0.00% Protective Floor
8.25% Cap

In this hypothetical asset, the *Protective Floor* is the minimum gross return in a given year, excluding any additional bonuses that may exist. The *cap* is the maximum return allowable in a given year, excluding any additional bonuses that may exist. In some real-world products, floors and caps may not be guaranteed and may increase or decrease within the parameters of the contract.

In some cases, there may be a multiplier bonus factor applied to the after-floor/cap return explained above, depending on the hypothetical charges and crediting design of this fictitious account. For example, if the multiplier bonus factor was 2.00x and the S&P 500 produced a 5.00% return in a given year, the after-floor/cap/multiplier index credit would be 10.00% (5.00% multiplied by 2.00x equals 10.00%). In some real-world products, such bonus features may not be guaranteed and may change over time within the parameters of the contract.

There are account charges applied to this hypothetical model. Some charges are applied in-full at BOY, and some charges are applied monthly. Some charges are static charges, while others may be asset-based charges (a percentage charged to the monthly value of the account). Not all models will include asset-based charges and not all models will include a multiplier bonus credit either. For more information about these variables, go to the *Account Charges+Credits+Bonuses* section of this document.

The *Hypothetical Synthetic Proxy* also allows the client to take loans against the asset's value. In this report, the borrowed amount continues to earn a return that is also correlated with the S&P 500 using the same floor/cap/multiplier crediting method used in the primary index account. The borrowed amount is charged an interest rate (referred to as the *Participating Loan Rate*) and is explained in the *Account Loans* section of this document.

INTEREST ACCRUAL

Interest accrual is the act of not paying the interest due and capitalizing (rolling) such amount into the cumulative loan balance. Should the client exercise any sort of interest accrual in a real-world situation, they should be aware that the element of compound debt - as a result of accruing any interest due - introduces an additional variable of risk that should be considered - relative to their net worth, liquidity, and risk tolerance. It is recommended that all clients consult their financial professional(s) on such risk factors to determine whether or not interest accrual is appropriate and suitable for their unique situation. Lionsmark Capital may model the concept and hypothetical outcomes of doing so upon the client's request, however should the client decide to accrue interest in any of their own financial strategies, they do so on their own volition at their own risk and hold harmless Lionsmark Capital and all of its principals from any unfavorable outcomes that may arise. Interest accrual does introduce an additional element of risk that may or may not be suitable for some clients, however each client may make their own independent decision to do so based on their relationship with the lender regardless of Lionsmark Capital's subjective opinion on this issue, which is to either pay the interest out-of-pocket each year or pay a minimum of 20% of the premium out-of-pocket if accruing interest. It is important to understand that even paying 20% of the premium does not completely eliminate the risk of accruing interest resulting in compound debt.

WHAT THIS DOCUMENT IS NOT

This document is not intended to model any specific investment fund, index fund, life insurance policy, annuity policy, or any real-world financial instrument/product. This is merely a tool to teach interested parties how different hypothetical crediting methods, charges, volatility, sequence of returns, drawdowns, and tax consequences may affect outcomes for the purpose of enriching all interest parties' understanding of how these features may affect future financial outcomes. This is not a projection tool for any specific product or a re-creation of any prospectus or insurance illustration whatsoever. This is not intended to be a "sales tool" to sell any specific product or validate any specific product's viability. This report is purely for educational purposes only.

BACKTESTING

In many hypothetical projections of accumulation/insurance/investment/retirement products, an average rate of return is assumed and credited each year into perpetuity. This assumption of a static (and perpetually positive) annual return is not realistic, for volatility is everpresent in most products. Historically speaking, any type of underlying investment/index/bond portfolio will experience volatility and negative return years. This report models such volatility throughout several different 40-year periods of historical market performance.

In order to illustrate outcomes that may exist in these different market scenarios, we have analyzed 121 different 40-year scenarios using historical returns of a particular index. Such backtested models in the following pages are hypothetical synthetic assets with various charges and crediting methods that may be similar to some real-world products, however these models are purely proxies and are not exact depictions of any specific real-world products. These models are merely constructed to analyze the general concept of how volatility may positively or negatively affect accumulation values over time using hypothetical crediting methods, fixed charges, and asset-based charges in these hypothetically constructed assets.

We have backtested 121 different 40-year historical periods in various annual point-to-point segments using different monthly starting and ending points.

The Compounded Annual Growth Rates (CAGR) has been calculated during each of these 121 different 40-year periods analyzed. This report highlights two of these 40-year periods: The 40-year period with the best CAGR, and the 40-year period with the worst CAGR.

1 BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

Out of every 121 different 40-year period of S&P 500 performance we analyzed, this 40-year period had the best compounded annual growth rate.

9.02% Compounded Annual Growth Rate (CAGR) of the raw S&P 500 during this 40-year annual point-to-point period

2 WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

Out of every 121 different 40-year period of S&P 500 performance we analyzed, this 40-year period had the worst compounded annual growth rate.

6.30% Compounded Annual Growth Rate (CAGR) of the raw S&P 500 during this 40-year annual point-to-point period

3 MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

This is the most recent calendar-year annual point-to-point 40-year period, rolling back 40 years from the most recent December 31st date.

9.99% Compounded Annual Growth Rate (CAGR) of the raw S&P 500 during this 40-year annual point-to-point period

It is important to note that the "Worst 40" only depicts the 40-year period with the worst CAGR of the 121 periods analyzed. It is possible that future 40-year periods could in fact produce an even worse outcome than this "Worst 40" period analyzed, and that this period analyzed is not the "absolute worst case scenario that could ever happen." It is only the 40-year period that produced the worst CAGR of the 40-year periods analyzed in this particular report.

It is also possible that future 40-year periods could in fact produce an even better outcome than the "Best 40" period analyzed.

Neither the "Best 40" nor the "Worst 40" are meant to be benchmarks, expectations, projections, or guarantees of future outcomes, rather they are meant to demonstrate a range of hypothetical outcomes for the purposes of educating all interested parties.

In both 40-year scenarios modeled, in any hypothetical year wherein the EOY INDEX VALUE NET OF INT & EXT LOANS displays a negative balance, in a real-world scenario, the client may be required to post additional collateral, pay additional policy premiums, or pay down the loan balance.

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

PARTIAL-EQUITY INTEREST ACCRUAL

HYPOTHETICAL SYNTHETIC PROXY

PARTIAL-EQUITY INTEREST ACCRUAL

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/11/1978)

Current Pre-Bonus Cap: 8.75%

Current Post-Bonus Max Cap: 10.90%

PAGE 5

		Participation Rate: 100.00%		Floor Modeled: 0.00%		Upside Design: CAPPED		Pre-Bonus Cap Modeled: 8.25%		Post-Bonus Max Cap Modeled: 10.90%		8/26/2022						
#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
YEAR	AGE	TOTAL INDEX CONTRIBUTION	CLIENT INDEX CONTRIBUTIONS	LENDER INDEX CONTRIBUTIONS	CUMULATIVE LOAN BALANCE	THIRD PARTY LOAN PAYOFF	FINANCING INTEREST RATE	INTEREST DUE	INTEREST ACCRUED	TOTAL CLIENT CONTRIBUTION	GAP COLLATERAL	CALENDAR YEAR	INDEX RETURN (GROSS)	INDEX RETURN (FLOOR & CAP)	INDEX RETURN (EFFECTIVE)	ANNUAL INCOME DRAWN	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	45	\$2,000,000	\$400,000	\$1,600,000	\$1,600,000		4.39%	\$70,240	\$70,240	\$400,000	\$507,665	1978	11.97%	8.25%	8.25%	\$0	\$1,836,663	-\$329,980
2	46	\$2,000,000	\$400,000	\$1,600,000	\$3,270,240		4.49%	\$146,671	\$146,671	\$400,000	\$512,828	1979	14.24%	8.25%	10.90%	\$0	\$3,881,635	\$98,344
3	47	\$2,000,000	\$400,000	\$1,600,000	\$5,016,911		4.58%	\$229,976	\$229,976	\$400,000	\$495,977	1980	13.48%	8.25%	10.90%	\$0	\$6,107,784	\$632,107
4	48	\$2,000,000	\$400,000	\$1,600,000	\$6,846,887		4.69%	\$320,920	\$320,920	\$400,000	\$363,948	1981	-7.06%	0.00%	0.00%	\$0	\$7,694,253	\$443,346
5	49	\$2,000,000	\$400,000	\$1,600,000	\$8,767,808		4.79%	\$420,369	\$420,369	\$400,000	\$150,085	1982	20.68%	8.25%	10.90%	\$0	\$10,255,428	\$1,139,272
6	50	\$2,000,000	\$400,000	\$1,600,000	\$10,788,177		4.91%	\$529,299	\$529,299	\$400,000	\$651,080	1983	12.46%	8.25%	10.90%	\$0	\$13,038,931	\$1,958,538
7	51	\$2,000,000	\$400,000	\$1,600,000	\$12,917,476		5.02%	\$648,812	\$648,812	\$400,000	\$336,556	1984	9.93%	8.25%	10.90%	\$0	\$16,072,879	\$2,920,245
8	52	\$2,000,000	\$400,000	\$1,600,000	\$15,166,288		5.14%	\$780,160	\$780,160	\$400,000	\$0	1985	17.90%	8.25%	10.90%	\$0	\$19,379,973	\$4,036,277
9	53	\$2,000,000	\$400,000	\$1,600,000	\$17,546,448		5.27%	\$924,762	\$924,762	\$400,000	\$0	1986	29.42%	8.25%	10.90%	\$0	\$22,984,568	\$5,319,154
10	54	\$2,000,000	\$400,000	\$1,600,000	\$20,071,211		5.40%	\$1,084,234	\$1,084,234	\$400,000	\$0	1987	-6.21%	0.00%	0.00%	\$0	\$24,267,977	\$4,136,938
11	55	\$0	\$0	\$0	\$21,155,445		5.54%	\$1,171,793	\$1,171,793	\$0	\$0	1988	15.72%	8.25%	10.90%	\$0	\$26,453,695	\$5,298,250
12	56	\$0	\$0	\$0	\$22,327,238		5.68%	\$1,268,564	\$1,268,564	\$0	\$0	1989	10.63%	8.25%	10.90%	\$0	\$28,850,466	\$6,523,228
13	57	\$0	\$0	\$0	\$23,595,802		5.83%	\$1,375,712	\$1,375,712	\$0	\$0	1990	4.51%	4.51%	6.54%	\$0	\$30,242,590	\$6,646,788
14	58	\$0	\$0	\$0	\$0	-\$24,971,514	0.00%	\$0	\$0	\$0	\$0	1991	18.86%	8.25%	10.90%	\$0	\$33,005,636	\$6,785,546
15	59	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1992	7.34%	7.34%	10.64%	\$0	\$35,953,835	\$8,422,740
16	60	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1993	9.76%	8.25%	10.90%	\$0	\$39,431,647	\$10,523,998
17	61	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1994	-2.32%	0.00%	0.00%	\$0	\$38,996,857	\$8,643,825
18	62	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1995	35.20%	8.25%	10.90%	\$0	\$42,767,876	\$10,897,193
19	63	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1996	23.61%	8.25%	10.90%	\$0	\$46,905,929	\$13,441,712
20	64	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1997	24.69%	8.25%	10.90%	\$0	\$51,446,899	\$16,309,471
21	65	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1998	30.54%	8.25%	10.90%	\$0	\$56,430,027	\$19,535,728
22	66	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1999	8.97%	8.25%	10.90%	\$0	\$61,895,234	\$23,156,220
23	67	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2000	-2.04%	0.00%	0.00%	\$0	\$61,215,970	\$20,540,005
24	68	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2001	-17.26%	0.00%	0.00%	\$0	\$60,535,988	\$17,826,225
25	69	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2002	-24.29%	0.00%	0.00%	\$0	\$59,854,131	\$15,008,879
26	70	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2003	32.19%	8.25%	10.90%	\$0	\$65,618,108	\$18,530,594
27	71	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2004	4.43%	4.43%	6.43%	-\$400,000	\$69,044,821	\$19,182,931
28	72	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2005	8.36%	8.25%	10.90%	-\$400,000	\$75,710,854	\$22,935,869
29	73	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2006	12.36%	8.25%	10.90%	-\$400,000	\$83,034,894	\$27,201,160
30	74	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2007	-4.15%	0.00%	0.00%	-\$400,000	\$82,132,814	\$23,087,393
31	75	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2008	-40.09%	0.00%	0.00%	-\$400,000	\$81,252,652	\$18,834,961
32	76	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2009	30.03%	8.25%	10.90%	-\$400,000	\$89,132,918	\$23,174,342
33	77	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2010	19.76%	8.25%	10.90%	-\$400,000	\$97,773,411	\$28,096,906
34	78	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2011	2.04%	2.04%	2.96%	-\$400,000	\$99,572,428	\$25,992,098
35	79	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2012	14.15%	8.25%	10.90%	-\$400,000	\$109,207,631	\$31,528,285
36	80	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2013	18.99%	8.25%	10.90%	-\$400,000	\$119,769,784	\$37,786,470
37	81	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2014	11.92%	8.25%	10.90%	\$0	\$131,346,935	\$45,264,456
38	82	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2015	-2.74%	0.00%	0.00%	\$0	\$129,879,218	\$39,492,614
39	83	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2016	17.45%	8.25%	10.90%	\$0	\$142,400,468	\$47,494,534
40	84	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2017	23.91%	8.25%	10.90%	\$0	\$156,120,648	\$56,469,418
		\$4,000,000	\$16,000,000					\$8,971,514	\$8,971,514	\$4,000,000		AVERAGE ANNUAL INCOME DRAWDOWN:		\$400,000			BEST 40	

BORROWING INTEREST ASSUMPTIONS	
GLO1 \$1M-\$1.49M	1-Month CMT Rate: 2.29%
	Lender Spread: 2.10%
Starting Borrowing Rate: 4.39%	
Compounded Annual Base Rate Increase: 4.15%	
Total Rate Floor: 2.10%	
RETIREMENT INCOME DRAWDOWN ASSUMPTIONS	
Drawdown Type:	PARTICIPATING
PLR:	5.00%
% of Previous Year's EOY Value Drawdown:	8.00%
THIRD PARTY LENDER PAYOFF ASSUMPTIONS	
Payoff Loan In Full In Year:	14
Payoff Amount:	\$24,971,514
Third Party Loan Paid Off With:	PAR LOAN

GAP COLLATERAL REQUIREMENTS	
Type Of Gap Collateral:	Cash
Credit Assumption:	0.00%
Collateral Valued At:	100.00%
The Gap Collateral amount (in years 3+) is only an estimation and is calculated by the cumulative loan balance in a given year, minus 95% of (the EOY AV two years prior, plus the Total Index Contribution in the previous year minus all charges, plus the Total Index Contribution in the current year minus all charges and early termination fees associated with current year's Total Index Contribution with the ICA listed above). This calculation is the equivalent of assuming a 0% index credit in the previous year (since the EOY index credit in the previous year would not have credited at the time of the current year's loan anniversary. The current year's EOY index credit would obviously not have credited yet either. This value is then multiplied by the % of "Collateral Valued At" above, estimating the gap collateral required based on the "Type Of Gap Collateral" assumed. This is just a hypothetical calculation. Each lender has different collateral	

CASH FLOW SUMMARY	
1ST YEAR COLLATERAL REQUIREMENT:	\$507,665
TOTAL CLIENT OUTLAY:	-\$4,000,000
AVERAGE ANNUAL INCOME DRAWDOWN:	\$400,000
TOTAL INCOME DRAWDOWN:	\$4,000,000
40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$56,469,418
INCOME + 40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$60,469,418
RAW S&P 500 CAGR:	9.02%
40-YEAR NET ACCOUNT IRR:	8.10%

BEST 40-YEAR S&P CAGR PERIOD (OF 121 PERIODS ANALYZED)

The hypothetical models in this document assume certain crediting methods and index account charges that are purely hypothetical and do not represent any particular investment, life insurance policy or index fund. Hypothetical crediting methods, charges, values and returns are not guaranteed. Hypothetical returns used in this document are based on historical index returns that do not include dividends and are purely modeled as a hypothetical example of index volatility over a period of time for educational purposes and are not intended to convince someone to purchase any particular product.



WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

PARTIAL-EQUITY INTEREST ACCRUAL

HYPOTHETICAL SYNTHETIC PROXY

PARTIAL-EQUITY INTEREST ACCRUAL

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

Current Pre-Bonus Cap: 8.75%

Current Post-Bonus Max Cap: 10.90%

PAGE 7

		Participation Rate: 100.00%			Floor Modeled: 0.00%		Upside Design: CAPPED				Pre-Bonus Cap Modeled: 8.25%		Post-Bonus Max Cap Modeled: 10.90%			8/26/2022		
#	YEAR	1 TOTAL INDEX CONTRIBUTION	2 CLIENT INDEX CONTRIBUTIONS	3 LENDER INDEX CONTRIBUTIONS	4 CUMULATIVE LOAN BALANCE	5 THIRD PARTY LOAN PAYOFF	6 FINANCING INTEREST RATE	7 INTEREST DUE	8 INTEREST ACCRUED	9 TOTAL CLIENT CONTRIBUTION	10 (Cash) GAP COLLATERAL	11 CALENDAR YEAR	12 INDEX RETURN (GROSS)	13 INDEX RETURN (FLOOR & CAP)	14 INDEX RETURN (EFFECTIVE)	15 ANNUAL INCOME DRAWNINGS	16 EOY GROSS INDEX ACCUMULATED VALUE	17 EOY INDEX VALUE NET OF INT & EXT LOANS
1	45	\$2,000,000	\$400,000	\$1,600,000	\$1,600,000		4.39%	\$70,240	\$70,240	\$400,000	\$507,665	1971	12.42%	8.25%	8.25%	\$0	\$1,836,663	-\$329,980
2	46	\$2,000,000	\$400,000	\$1,600,000	\$3,270,240		4.49%	\$146,671	\$146,671	\$400,000	\$512,828	1972	-1.92%	0.00%	0.00%	\$0	\$3,500,122	-\$283,169
3	47	\$2,000,000	\$400,000	\$1,600,000	\$5,016,911		4.58%	\$229,976	\$229,976	\$400,000	\$495,977	1973	-41.40%	0.00%	0.00%	\$0	\$5,129,772	-\$345,906
4	48	\$2,000,000	\$400,000	\$1,600,000	\$6,846,887		4.69%	\$320,920	\$320,920	\$400,000	\$726,386	1974	32.00%	8.25%	10.90%	\$0	\$7,459,157	\$208,250
5	49	\$2,000,000	\$400,000	\$1,600,000	\$8,767,808		4.79%	\$420,369	\$420,369	\$400,000	\$1,079,197	1975	25.48%	8.25%	10.90%	\$0	\$9,997,314	\$881,158
6	50	\$2,000,000	\$400,000	\$1,600,000	\$10,788,177		4.91%	\$529,299	\$529,299	\$400,000	\$874,421	1976	-8.28%	0.00%	0.00%	\$0	\$11,501,843	\$421,451
7	51	\$2,000,000	\$400,000	\$1,600,000	\$12,917,476		5.02%	\$648,812	\$648,812	\$400,000	\$581,764	1977	6.23%	6.23%	9.03%	\$0	\$14,142,441	\$989,807
8	52	\$2,000,000	\$400,000	\$1,600,000	\$15,166,288		5.14%	\$780,160	\$780,160	\$400,000	\$1,386,010	1978	6.61%	6.61%	9.59%	\$0	\$17,056,244	\$1,712,548
9	53	\$2,000,000	\$400,000	\$1,600,000	\$17,546,448		5.27%	\$924,762	\$924,762	\$400,000	\$1,245,305	1979	14.76%	8.25%	10.90%	\$0	\$20,433,322	\$2,767,909
10	54	\$2,000,000	\$400,000	\$1,600,000	\$20,071,211		5.40%	\$1,084,234	\$1,084,234	\$400,000	\$993,297	1980	-7.40%	0.00%	0.00%	\$0	\$21,742,244	\$1,611,204
11	55	\$0	\$0	\$0	\$21,155,445		5.54%	\$1,171,793	\$1,171,793	\$0	\$454,458	1981	3.65%	3.65%	5.29%	\$0	\$22,483,135	\$1,327,690
12	56	\$0	\$0	\$0	\$22,327,238		5.68%	\$1,268,564	\$1,268,564	\$0	\$2,002,421	1982	37.91%	8.25%	10.90%	\$0	\$24,491,149	\$2,163,911
13	57	\$0	\$0	\$0	\$23,595,802		5.83%	\$1,375,712	\$1,375,712	\$0	\$2,571,948	1983	0.02%	0.02%	0.03%	\$0	\$24,075,853	\$480,051
14	58	\$0	\$0	\$0	\$0	-\$24,971,514	0.00%	\$0	\$0	\$0	\$0	1984	9.62%	8.25%	10.90%	\$0	\$26,235,114	\$15,024
15	59	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1985	27.04%	8.25%	10.90%	\$0	\$28,604,438	\$1,073,344
16	60	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1986	39.13%	8.25%	10.90%	\$0	\$31,362,671	\$2,455,022
17	61	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1987	-15.51%	0.00%	0.00%	\$0	\$31,008,570	\$655,539
18	62	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1988	28.41%	8.25%	10.90%	\$0	\$33,997,457	\$2,126,774
19	63	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1989	-12.34%	0.00%	0.00%	\$0	\$33,612,983	\$148,765
20	64	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1990	26.73%	8.25%	10.90%	\$0	\$36,852,440	\$1,715,012
21	65	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1991	7.72%	7.72%	10.90%	\$0	\$40,406,625	\$3,512,326
22	66	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1992	9.84%	8.25%	10.90%	\$0	\$44,302,981	\$5,563,966
23	67	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1993	0.82%	0.82%	1.19%	\$0	\$44,322,738	\$3,646,773
24	68	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1994	26.30%	8.25%	10.90%	\$0	\$48,587,162	\$5,877,399
25	69	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1995	17.61%	8.25%	10.90%	\$0	\$53,259,496	\$8,414,244
26	70	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1996	37.82%	8.25%	10.90%	\$0	\$58,377,792	\$11,290,278
27	71	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1997	7.36%	7.36%	10.67%	-\$400,000	\$63,866,487	\$14,004,597
28	72	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1998	26.13%	8.25%	10.90%	-\$400,000	\$70,025,509	\$17,250,525
29	73	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1999	11.99%	8.25%	10.90%	-\$400,000	\$76,792,897	\$20,959,164
30	74	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2000	-27.54%	0.00%	0.00%	-\$400,000	\$75,953,237	\$16,907,817
31	75	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2001	-21.68%	0.00%	0.00%	-\$400,000	\$75,134,871	\$12,717,180
32	76	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2002	22.16%	8.25%	10.90%	-\$400,000	\$82,416,145	\$16,457,569
33	77	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2003	11.91%	8.25%	10.90%	-\$400,000	\$90,398,999	\$20,722,494
34	78	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2004	10.25%	8.25%	10.90%	-\$400,000	\$99,150,583	\$25,570,253
35	79	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2005	8.71%	8.25%	10.90%	-\$400,000	\$108,744,484	\$31,065,137
36	80	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2006	14.29%	8.25%	10.90%	-\$400,000	\$119,261,289	\$37,277,976
37	81	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2007	-23.61%	0.00%	0.00%	\$0	\$117,933,863	\$31,851,384
38	82	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2008	-9.37%	0.00%	0.00%	\$0	\$116,600,276	\$26,213,673
39	83	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2009	7.96%	7.96%	10.90%	\$0	\$127,821,385	\$32,915,452
40	84	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2010	-0.86%	0.00%	0.00%	\$0	\$126,342,766	\$26,691,536
		\$4,000,000	\$16,000,000					\$8,971,514	\$8,971,514	\$4,000,000		AVERAGE ANNUAL INCOME DRAWDOWN:			\$400,000			WORST 40

BORROWING INTEREST ASSUMPTIONS	
GLO1 \$1M-\$1.49M	1-Month CMT Rate: 2.29%
	Lender Spread: 2.10%
Starting Borrowing Rate: 4.39%	
Compounded Annual Base Rate Increase: 4.15%	
Total Rate Floor: 2.10%	
RETIREMENT INCOME DRAWDOWN ASSUMPTIONS	
Drawdown Type:	PARTICIPATING
PLR:	5.00%
% of Previous Year's EOY Value Drawdown:	8.00%
THIRD PARTY LENDER PAYOFF ASSUMPTIONS	
Payoff Loan In Full In Year:	14
Payoff Amount:	\$24,971,514
Third Party Loan Paid Off With:	PAR LOAN

GAP COLLATERAL REQUIREMENTS	
Type Of Gap Collateral:	Cash
Credit Assumption:	0.00%
Collateral Valued At:	100.00%
The Gap Collateral amount (in years 3+) is only an estimation and is calculated by the cumulative loan balance in a given year, minus 95% of (the EOY AV two years prior, plus the Total Index Contribution in the previous year minus all charges, plus the Total Index Contribution in the current year minus all charges and early termination fees associated with current year's Total Index Contribution with the ICA listed above). This calculation is the equivalent of assuming a 0% index credit in the previous year (since the EOY index credit in the previous year would not have credited at the time of the current year's loan anniversary. The current year's EOY index credit would obviously not have credited yet either. This value is then multiplied by the % of "Collateral Valued At" above, estimating the gap collateral required based on the "Type Of Gap Collateral" assumed. This is just a hypothetical calculation. Each lender has different collateral	

1ST YEAR COLLATERAL REQUIREMENT:	\$507,665
TOTAL CLIENT OUTLAY:	-\$4,000,000
AVERAGE ANNUAL INCOME DRAWDOWN:	\$400,000
TOTAL INCOME DRAWDOWN:	\$4,000,000
40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$26,691,536
INCOME + 40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$30,691,536
RAW S&P 500 CAGR: 6.30%	40-YEAR NET ACCOUNT IRR: 6.16%

WORST 40-YEAR S&P CAGR PERIOD (OF 121 PERIODS ANALYZED)

The hypothetical models in this document assume certain crediting methods and index account charges that are purely hypothetical and do not represent any particular investment, life insurance policy or index fund. Hypothetical crediting methods, charges, values and returns are not guaranteed. Hypothetical returns used in this document are based on historical index returns that do not include dividends and are purely modeled as a hypothetical example of index volatility over a period of time for educational purposes and are not intended to convince someone to purchase any particular product.

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)
PARTIAL-EQUITY INTEREST ACCRUAL

HYPOTHETICAL SYNTHETIC PROXY

PARTIAL-EQUITY INTEREST ACCRUAL

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

Current Pre-Bonus Cap: 8.75%

Current Post-Bonus Max Cap: 10.90%

PAGE 9

		Participation Rate: 100.00%		Floor Modeled: 0.00%		Upside Design: CAPPED		Pre-Bonus Cap Modeled: 8.25%		Post-Bonus Max Cap Modeled: 10.90%		8/26/2022						
#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
YEAR	AGE	TOTAL INDEX CONTRIBUTION	CLIENT INDEX CONTRIBUTIONS	LENDER INDEX CONTRIBUTIONS	CUMULATIVE LOAN BALANCE	THIRD PARTY LOAN PAYOFF	FINANCING INTEREST RATE	INTEREST DUE	INTEREST ACCRUED	TOTAL CLIENT CONTRIBUTION	GAP COLLATERAL (Cash)	CALENDAR YEAR	INDEX RETURN (GROSS)	INDEX RETURN (FLOOR & CAP)	INDEX RETURN (EFFECTIVE)	ANNUAL INCOME DRAWDOWNS	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	45	\$2,000,000	\$400,000	\$1,600,000	\$1,600,000		9.40%	\$150,400	\$150,400	\$400,000	\$507,665	1982	20.68%	8.25%	8.25%	\$0	\$1,836,663	-\$329,980
2	46	\$2,000,000	\$400,000	\$1,600,000	\$3,350,400		9.40%	\$314,938	\$314,938	\$400,000	\$592,988	1983	12.46%	8.25%	10.90%	\$0	\$3,881,635	\$18,184
3	47	\$2,000,000	\$400,000	\$1,600,000	\$5,265,338		9.15%	\$481,778	\$481,778	\$400,000	\$744,403	1984	9.93%	8.25%	10.90%	\$0	\$6,107,784	\$383,680
4	48	\$2,000,000	\$400,000	\$1,600,000	\$7,347,116		7.90%	\$580,422	\$580,422	\$400,000	\$864,177	1985	17.90%	8.25%	10.90%	\$0	\$8,532,926	\$781,791
5	49	\$2,000,000	\$400,000	\$1,600,000	\$9,527,538		5.90%	\$562,125	\$562,125	\$400,000	\$909,816	1986	29.42%	8.25%	10.90%	\$0	\$11,176,216	\$1,300,330
6	50	\$2,000,000	\$400,000	\$1,600,000	\$11,689,663		7.15%	\$835,811	\$835,811	\$400,000	\$755,826	1987	-6.21%	0.00%	0.00%	\$0	\$12,668,957	\$687,079
7	51	\$2,000,000	\$400,000	\$1,600,000	\$14,125,474		8.90%	\$1,257,167	\$1,257,167	\$400,000	\$669,805	1988	15.72%	8.25%	10.90%	\$0	\$15,666,681	\$1,306,500
8	52	\$2,000,000	\$400,000	\$1,600,000	\$16,982,641		9.90%	\$1,681,281	\$1,681,281	\$400,000	\$2,093,605	1989	10.63%	8.25%	10.90%	\$0	\$18,934,005	\$1,773,956
9	53	\$2,000,000	\$400,000	\$1,600,000	\$20,263,922		8.40%	\$1,702,169	\$1,702,169	\$400,000	\$2,514,751	1990	4.51%	4.51%	6.54%	\$0	\$21,611,211	\$1,228,323
10	54	\$2,000,000	\$400,000	\$1,600,000	\$23,566,092		6.90%	\$1,626,060	\$1,626,060	\$400,000	\$2,704,306	1991	18.86%	8.25%	10.90%	\$0	\$25,405,364	\$1,779,444
11	55	\$0	\$0	\$0	\$25,192,152		4.40%	\$1,108,455	\$1,108,455	\$0	\$3,372,171	1992	7.34%	7.34%	10.64%	\$0	\$27,637,851	\$2,445,699
12	56	\$0	\$0	\$0	\$26,300,607		4.65%	\$1,222,978	\$1,222,978	\$0	\$2,495,825	1993	9.76%	8.25%	10.90%	\$0	\$30,150,563	\$3,594,956
13	57	\$0	\$0	\$0	\$27,523,585		4.65%	\$1,279,847	\$1,279,847	\$0	\$1,602,751	1994	-2.32%	0.00%	0.00%	\$0	\$29,672,369	\$2,148,783
14	58	\$0	\$0	\$0	\$0	-\$28,803,432	0.00%	\$0	\$0	\$0	\$0	1995	35.20%	8.25%	10.90%	\$0	\$32,379,584	\$2,135,981
15	59	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1996	23.61%	8.25%	10.90%	\$0	\$35,350,513	\$3,594,730
16	60	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1997	24.69%	8.25%	10.90%	\$0	\$38,769,254	\$5,425,681
17	61	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1998	30.54%	8.25%	10.90%	\$0	\$42,520,267	\$7,509,515
18	62	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	1999	8.97%	8.25%	10.90%	\$0	\$46,636,263	\$9,874,974
19	63	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2000	-2.04%	0.00%	0.00%	\$0	\$46,125,401	\$7,526,048
20	64	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2001	-17.26%	0.00%	0.00%	\$0	\$45,617,628	\$5,088,307
21	65	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2002	-24.29%	0.00%	0.00%	\$0	\$45,112,726	\$2,556,938
22	66	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2003	32.19%	8.25%	10.90%	\$0	\$49,469,856	\$4,786,279
23	67	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2004	4.43%	4.43%	6.43%	\$0	\$52,058,831	\$5,141,076
24	68	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2005	8.36%	8.25%	10.90%	\$0	\$57,080,697	\$7,817,053
25	69	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2006	12.36%	8.25%	10.90%	\$0	\$62,584,632	\$10,857,806
26	70	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2007	-4.15%	0.00%	0.00%	\$0	\$61,871,914	\$7,558,747
27	71	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2008	-40.09%	0.00%	0.00%	-\$400,000	\$61,166,269	\$3,717,444
28	72	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2009	30.03%	8.25%	10.90%	-\$400,000	\$67,060,912	\$6,319,646
29	73	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2010	19.76%	8.25%	10.90%	-\$400,000	\$73,538,037	\$9,339,707
30	74	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2011	2.04%	2.04%	2.04%	-\$400,000	\$74,886,667	\$7,058,421
31	75	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2012	14.15%	8.25%	10.90%	-\$400,000	\$82,153,575	\$10,513,917
32	76	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2013	18.99%	8.25%	10.90%	-\$400,000	\$90,122,050	\$14,480,408
33	77	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2014	11.92%	8.25%	10.90%	-\$400,000	\$98,859,389	\$19,015,665
34	78	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2015	-2.74%	0.00%	0.00%	-\$400,000	\$97,781,181	\$13,525,272
35	79	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2016	17.45%	8.25%	10.90%	-\$400,000	\$107,241,004	\$18,352,299
36	80	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2017	23.91%	8.25%	10.90%	-\$400,000	\$117,610,604	\$23,857,464
37	81	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2018	-4.41%	0.00%	0.00%	\$0	\$116,299,684	\$17,858,887
38	82	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2019	31.74%	8.25%	10.90%	\$0	\$127,515,525	\$24,152,688
39	83	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2020	18.38%	8.25%	10.90%	\$0	\$139,805,346	\$31,274,367
40	84	\$0	\$0	\$0	\$0		0.00%	\$0	\$0	\$0	\$0	2021	28.83%	8.25%	10.90%	\$0	\$153,271,438	\$39,313,911
		\$4,000,000	\$16,000,000					\$12,803,432	\$12,803,432	\$4,000,000		AVERAGE ANNUAL INCOME DRAWDOWN:		\$400,000			MOST RECENT 40	

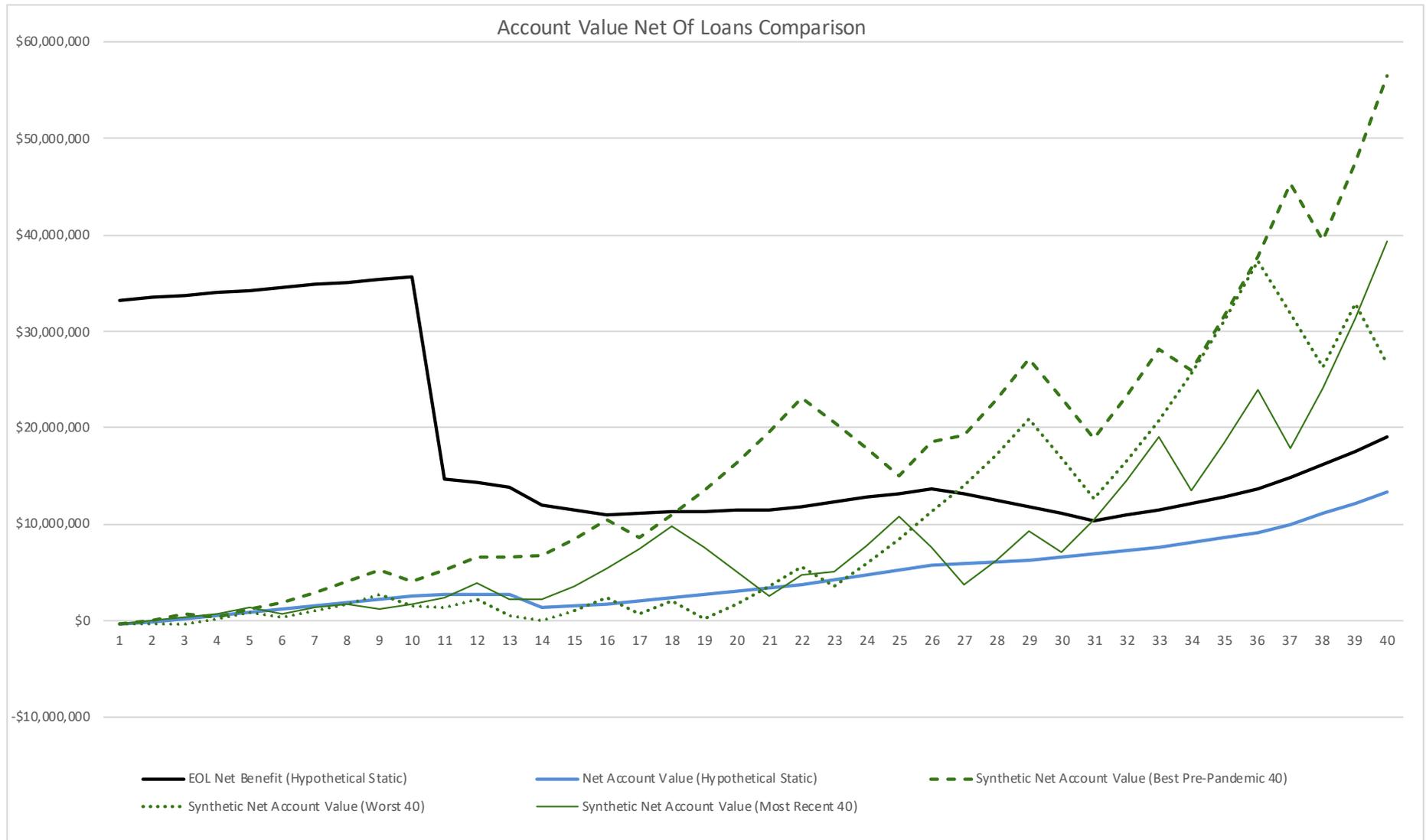
BORROWING INTEREST ASSUMPTIONS	
Hypothetical Loan Rate	Prime: 2.29%
	Lender Spread: -1.60%
Starting Borrowing Rate:	0.69%
Borrowing Rate Volatility:	HistoricalRates
RETIREMENT INCOME DRAWDOWN ASSUMPTIONS	
Drawdown Type:	PARTICIPATING
PLR:	5.00%
% of Previous Year's EOY Value Drawdown:	8.00%
THIRD PARTY LENDER PAYOFF ASSUMPTIONS	
Payoff Loan In Full In Year:	14
Payoff Amount:	\$28,803,432
Third Party Loan Paid Off With:	PAR LOAN

GAP COLLATERAL REQUIREMENTS	
Type Of Gap Collateral:	Cash
Credit Assumption:	0.00%
Collateral Valued At:	100.00%
The Gap Collateral amount (in years 3+) is only an estimation and is calculated by the cumulative loan balance in a given year, minus 95% of (the EOY AV two years prior, plus the Total Index Contribution in the previous year minus all charges, plus the Total Index Contribution in the current year minus all charges and early termination fees associated with current year's Total Index Contribution with the ICA listed above). This calculation is the equivalent of assuming a 0% index credit in the previous year (since the EOY index credit in the previous year would not have credited at the time of the current year's loan anniversary. The current year's EOY index credit would obviously not have credited yet either. This value is then multiplied by the % of "Collateral Valued At" above, estimating the gap collateral required based on the "Type Of Gap Collateral" assumed. This is just a hypothetical calculation. Each lender has different collateral	

1ST YEAR COLLATERAL REQUIREMENT:	\$507,665
TOTAL CLIENT OUTLAY:	-\$4,000,000
AVERAGE ANNUAL INCOME DRAWDOWN:	\$400,000
TOTAL INCOME DRAWDOWN:	\$4,000,000
40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$39,313,911
INCOME + 40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$43,313,911
RAW S&P 500 CAGR: 9.99%	40-YEAR NET ACCOUNT IRR: 7.14%

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

The hypothetical models in this document assume certain crediting methods and index account charges that are purely hypothetical and do not represent any particular investment, life insurance policy or index fund. Hypothetical crediting methods, charges, values and returns are not guaranteed. Hypothetical returns used in this document are based on historical index returns that do not include dividends and are purely modeled as a hypothetical example of index volatility over a period of time for educational purposes and are not intended to convince someone to purchase any particular product.



SCENARIO MODELED	PAYOFF YEAR	TOTAL OUTLAY	TOTAL INCOME DRAWDOWN	NET ACCOUNT VALUE IN YEAR 40	RETURNS DEPICTED	VOLATILITY MODELED	CAGR	PAR LOAN RATE	40-YEAR IRR
— Hypothetical Static:	14	-\$4,000,000	\$4,000,000	\$13,340,886	hypothetical static	no	5.64%	5.14%	4.54%
- - - Synthetic Best 40*:	14	-\$4,000,000	\$4,000,000	\$56,469,418	actual historical*	yes	9.02%	5.00%	8.10%
..... Synthetic Worst 40*:	14	-\$4,000,000	\$4,000,000	\$26,691,536	actual historical*	yes	6.30%	5.00%	6.16%
— Synthetic (1982-2021):	14	-\$4,000,000	\$4,000,000	\$39,313,911	actual historical*	yes	9.99%	5.00%	7.14%

*In modeling every 40-year annual point-to-point period between 1/1/1970 and 12/31/2019, there were 121 different 40-year periods. Each of these 121 different 40-year periods have been analyzed and ranked based on their Compounded Annual Growth Rate (CAGR). This report highlights the Best and Worst 40-year periods limited to this sampling of 121 different 40-year periods. In real-world scenarios, it is possible for a 40-year period to produce a worse CAGR than the Worst 40 in this report. In such case, outcomes could be significantly worse than as depicted in this hypothetical report.

ACCOUNT CHARGES + INDEX CREDITS + BONUSES

AN ANNUAL EXPLANATION OF POSITIVE & NEGATIVE ARBITRAGE

HYPOTHETICAL SYNTHETIC PROXY

CHARGES + CREDITS + BONUSES

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

CHARGES & CREDITS

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
YEAR	ASSET-BASED CHARGES (%)	ASSET-BASED CHARGES (\$)	FIXED CHARGES (\$)	BACKTESTED YEAR	INDEX GROSS RETURN	INDEX CREDIT	MULTIPLIER BONUS (x)	INDEX CREDIT w/ MULTIPLIER	PERSISTENCY BONUS (+)	TOTAL INDEX CREDIT (%)	TOTAL INDEX CREDITS (\$)	TOTAL CHARGES (\$)	YEAR-END GAIN/LOSS (\$)	EOY VALUE AFTER CHARGES B4 CREDIT	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1.00%	-\$19,782	-\$283,531	1978	11.97%	8.25%	x 1.00	= 8.25%	+ 0.00%	= 8.25%	\$139,977	-\$303,313	-\$163,337	\$1,696,687	\$1,836,663	-\$329,980
2	1.00%	-\$35,662	-\$300,879	1979	14.24%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$381,513	-\$336,541	\$44,972	\$3,500,122	\$3,881,635	\$98,344
3	1.00%	-\$56,026	-\$318,140	1980	13.48%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$600,314	-\$374,166	\$226,149	\$5,507,470	\$6,107,784	\$632,107
4	1.00%	-\$78,201	-\$335,330	1981	-7.06%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$413,531	-\$413,531	\$7,694,253	\$7,694,253	\$443,346
5	1.00%	-\$93,978	-\$352,819	1982	20.68%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,007,973	-\$446,797	\$561,175	\$9,247,455	\$10,255,428	\$1,139,272
6	1.00%	-\$119,461	-\$378,590	1983	12.46%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,281,554	-\$498,051	\$783,503	\$11,757,377	\$13,038,931	\$1,958,538
7	1.00%	-\$147,196	-\$398,606	1984	9.93%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,579,751	-\$545,802	\$1,033,949	\$14,493,128	\$16,072,879	\$2,920,245
8	1.00%	-\$177,427	-\$420,273	1985	17.90%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,904,795	-\$597,700	\$1,307,094	\$17,475,179	\$19,379,973	\$4,036,277
9	1.00%	-\$210,379	-\$444,105	1986	29.42%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,259,078	-\$654,484	\$1,604,594	\$20,725,489	\$22,984,568	\$5,319,154
10	1.00%	-\$246,294	-\$470,296	1987	-6.21%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$716,590	-\$716,590	\$24,267,977	\$24,267,977	\$4,136,938
11	1.00%	-\$241,817	-\$172,513	1988	15.72%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,600,048	-\$414,330	\$2,185,717	\$23,853,647	\$26,453,695	\$5,298,250
12	1.00%	-\$263,661	-\$175,186	1989	10.63%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,835,618	-\$438,847	\$2,396,771	\$26,014,848	\$28,850,466	\$6,523,228
13	1.00%	-\$287,617	-\$177,577	1990	4.51%	4.51%	x 1.45	= 6.54%	+ 0.00%	= 6.54%	\$1,857,318	-\$465,194	\$1,392,124	\$28,385,272	\$30,242,590	\$6,646,788
14	1.00%	-\$301,529	-\$179,442	1991	18.86%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,244,017	-\$480,971	\$2,763,046	\$29,761,619	\$33,005,636	\$6,785,546
15	1.00%	-\$329,153	-\$180,665	1992	7.34%	7.34%	x 1.45	= 10.64%	+ 0.00%	= 10.64%	\$3,458,017	-\$509,818	\$2,948,199	\$32,495,818	\$35,953,835	\$8,422,740
16	1.00%	-\$359,346	-\$38,450	1993	9.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,875,608	-\$397,796	\$3,477,812	\$35,556,039	\$39,431,647	\$10,523,998
17	1.00%	-\$394,113	-\$40,677	1994	-2.32%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$434,790	-\$434,790	\$38,996,857	\$38,996,857	\$8,643,825
18	1.00%	-\$389,755	-\$42,741	1995	35.20%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,203,515	-\$432,496	\$3,771,019	\$38,564,361	\$42,767,876	\$10,897,193
19	1.00%	-\$427,455	-\$44,723	1996	23.61%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,610,231	-\$472,178	\$4,138,053	\$42,295,698	\$46,905,929	\$13,441,712
20	1.00%	-\$468,826	-\$46,753	1997	24.69%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$5,056,548	-\$515,579	\$4,540,970	\$46,390,351	\$51,446,899	\$16,309,471
21	1.00%	-\$514,224	-\$48,971	1998	30.54%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$5,546,324	-\$563,195	\$4,983,129	\$50,883,704	\$56,430,027	\$19,535,728
22	1.00%	-\$564,029	-\$54,245	1999	8.97%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$6,083,481	-\$618,274	\$5,465,207	\$55,811,753	\$61,895,234	\$23,156,220
23	1.00%	-\$618,649	-\$60,615	2000	-2.04%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$679,264	-\$679,264	\$61,215,970	\$61,215,970	\$20,540,005
24	1.00%	-\$611,819	-\$68,163	2001	-17.26%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$679,982	-\$679,982	\$60,535,988	\$60,535,988	\$17,826,225
25	1.00%	-\$604,975	-\$76,882	2002	-24.29%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$681,857	-\$681,857	\$59,854,131	\$59,854,131	\$15,008,879
26	1.00%	-\$598,105	-\$87,308	2003	32.19%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$6,449,390	-\$685,413	\$5,763,977	\$59,168,178	\$65,618,108	\$18,530,594
27	1.00%	-\$655,744	-\$87,363	2004	4.43%	4.43%	x 1.45	= 6.43%	+ 0.00%	= 6.43%	\$4,169,820	-\$743,107	\$3,426,713	\$64,875,001	\$69,044,821	\$19,182,931
28	1.00%	-\$690,022	-\$85,319	2005	8.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$7,441,373	-\$775,341	\$6,666,033	\$68,269,480	\$75,710,854	\$22,935,869
29	1.00%	-\$756,706	-\$80,483	2006	12.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,161,229	-\$837,189	\$7,324,040	\$74,873,665	\$83,034,894	\$27,201,160
30	1.00%	-\$829,988	-\$72,092	2007	-4.15%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$902,080	-\$902,080	\$82,132,814	\$82,132,814	\$23,087,393
31	1.00%	-\$821,032	-\$59,129	2008	-40.09%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$880,161	-\$880,161	\$81,252,652	\$81,252,652	\$18,834,961
32	1.00%	-\$812,186	-\$68,133	2009	30.03%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,760,584	-\$880,319	\$7,880,265	\$80,372,333	\$89,132,918	\$23,174,342
33	1.00%	-\$890,937	-\$78,400	2010	19.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$9,609,830	-\$969,337	\$8,640,493	\$88,163,580	\$97,773,411	\$28,096,906
34	1.00%	-\$977,284	-\$90,064	2011	2.04%	2.04%	x 1.45	= 2.96%	+ 0.00%	= 2.96%	\$2,866,365	-\$1,067,348	\$1,799,017	\$96,706,063	\$99,572,428	\$25,992,098
35	1.00%	-\$995,208	-\$103,251	2012	14.15%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$10,733,663	-\$1,098,459	\$9,635,204	\$98,473,969	\$109,207,631	\$31,528,285
36	1.00%	-\$1,091,486	-\$118,144	2013	18.99%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$11,771,782	-\$1,209,630	\$10,562,153	\$107,998,002	\$119,769,784	\$37,786,470
37	1.00%	-\$1,197,020	-\$135,491	2014	11.92%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$12,909,663	-\$1,332,511	\$11,577,151	\$118,437,272	\$131,346,935	\$45,264,456
38	1.00%	-\$1,312,694	-\$155,023	2015	-2.74%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,467,717	-\$1,467,717	\$129,879,218	\$129,879,218	\$39,492,614
39	1.00%	-\$1,297,908	-\$176,921	2016	17.45%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$13,996,078	-\$1,474,829	\$12,521,250	\$128,404,389	\$142,400,468	\$47,494,534
40	1.00%	-\$1,422,998	-\$201,412	2017	23.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$15,344,590	-\$1,624,410	\$13,720,181	\$140,776,058	\$156,120,648	\$56,469,418

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

ASSET-BASED CHARGES (%) Account charges as a percentage of gross account value, after new TOTAL INDEX CONTRIBUTION and 100% BOY charges and 50% of remaining FIXED CHARGES (\$) are deducted.

ASSET-BASED CHARGES (\$) The previous year's EOY GROSS INDEX ACCUMULATED VALUE minus 100% BOY charges, minus 50% of remaining FIXED CHARGES (\$) multiplied by the ASSET-BASED CHARGES (%).

FIXED CHARGES (\$) Amounts taken from a real life product. These charges in a real life product would most likely not be fixed, as there would be some variable charges. This is merely a proxy for this category of charges.

INDEX CREDIT The after-floor after-cap index return, before any bonuses or participation rates are applied or credited. Caps are not guaranteed in a real world product. See actual product details for guarantees.

MULTIPLIER BONUS (x) A numerical number determined by a particular bonus schedule, multiplied by the basic after-floor, after-cap, INDEX CREDIT. This is not a guaranteed bonus amount. See actual product details for guarantees.

INDEX CREDIT w/ MULTIPLIER The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x). (e.g. If the MULTIPLIER BONUS (x) was 2.00, and the INDEX CREDIT was 10.00%, the INDEX CREDIT w/ MULTIPLIER would be 20.00%)

PERSISTENCY BONUS (+) A bonus credit added to the INDEX CREDIT. (e.g. If the INDEX CREDIT was 10.00% and the PERSISTENCY BONUS (+) was 0.50%, the TOTAL INDEX CREDIT (%) would be 10.50%)

TOTAL INDEX CREDIT (%) The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x) plus the PERSISTENCY BONUS (+).

TOTAL INDEX CREDITS (\$) The TOTAL INDEX CREDIT (%) multiplied by the EOY VALUE AFTER CHARGES B4 CREDIT.

TOTAL CHARGES (\$) The sum of the ASSET-BASED CHARGES (\$) and the FIXED CHARGES (\$).

YEAR-END GAIN/LOSS (\$) The EOY GROSS INDEX ACCUMULATED VALUE net gain or loss in each year based on the TOTAL INDEX CREDITS (\$) minus the TOTAL CHARGES (\$) in a given year.

EOY VALUE AFTER CHARGES B4 CREDIT The EOY account value after any new contributions in such year and after all charges have been subtracted from this cumulative value, before any index credits have been applied.

EOY GROSS INDEX ACCUMULATED VALUE The EOY account value after any new contributions, after any "Total Index Credits (\$)" have been added, and after the "Total Charges (\$)" have been subtracted.

EOY INDEX VALUE NET OF INT & EXT LOANS The EOY GROSS INDEX ACCUMULATED VALUE minus the third party Cumulative Loan Balance (if any), minus any internal cumulative loan balances as a result of Participating Loans.

HYPOTHETICAL SYNTHETIC PROXY

CHARGES + CREDITS + BONUSES

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

CHARGES & CREDITS

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
YEAR	ASSET-BASED CHARGES (%)	ASSET-BASED CHARGES (\$)	FIXED CHARGES (\$)	BACKTESTED YEAR	INDEX GROSS RETURN	INDEX CREDIT	MULTIPLIER BONUS (x)	INDEX CREDIT w/ MULTIPLIER	PERSISTENCY BONUS (+)	TOTAL INDEX CREDIT (%)	TOTAL INDEX CREDITS (\$)	TOTAL CHARGES (\$)	YEAR-END GAIN/LOSS (\$)	EOY VALUE AFTER CHARGES B4 CREDIT	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1.00%	-\$19,782	-\$283,531	1971	12.42%	8.25%	x 1.00	= 8.25%	+ 0.00%	= 8.25%	\$139,977	-\$303,313	-\$163,337	\$1,696,687	\$1,836,663	-\$329,980
2	1.00%	-\$35,662	-\$300,879	1972	-1.92%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$336,541	-\$336,541	\$3,500,122	\$3,500,122	-\$283,169
3	1.00%	-\$52,211	-\$318,140	1973	-41.40%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$370,351	-\$370,351	\$5,129,772	\$5,129,772	-\$345,906
4	1.00%	-\$68,421	-\$335,330	1974	32.00%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$733,136	-\$403,751	\$329,385	\$6,726,020	\$7,459,157	\$208,250
5	1.00%	-\$91,627	-\$352,819	1975	25.48%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$982,603	-\$444,446	\$538,157	\$9,014,710	\$9,997,314	\$881,158
6	1.00%	-\$116,880	-\$378,590	1976	-8.28%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$495,470	-\$495,470	\$11,501,843	\$11,501,843	\$421,451
7	1.00%	-\$131,825	-\$398,606	1977	6.23%	6.23%	x 1.45	= 9.03%	+ 0.00%	= 9.03%	\$1,171,029	-\$530,431	\$640,597	\$12,971,412	\$14,142,441	\$989,807
8	1.00%	-\$158,123	-\$420,273	1978	6.61%	6.61%	x 1.45	= 9.59%	+ 0.00%	= 9.59%	\$1,492,199	-\$578,396	\$913,803	\$15,564,045	\$17,056,244	\$1,712,548
9	1.00%	-\$187,142	-\$444,105	1979	14.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,008,325	-\$631,247	\$1,377,078	\$18,424,997	\$20,433,322	\$2,767,909
10	1.00%	-\$220,782	-\$470,296	1980	-7.40%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$691,078	-\$691,078	\$21,742,244	\$21,742,244	\$1,611,204
11	1.00%	-\$216,560	-\$172,513	1981	3.65%	3.65%	x 1.45	= 5.29%	+ 0.00%	= 5.29%	\$1,129,964	-\$389,073	\$740,891	\$21,353,171	\$22,483,135	\$1,327,690
12	1.00%	-\$223,955	-\$175,186	1982	37.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,407,155	-\$399,141	\$2,008,014	\$22,083,994	\$24,491,149	\$2,163,911
13	1.00%	-\$244,024	-\$177,577	1983	0.02%	0.02%	x 1.45	= 0.03%	+ 0.00%	= 0.03%	\$6,305	-\$421,601	-\$415,296	\$24,069,549	\$24,075,853	\$480,051
14	1.00%	-\$239,861	-\$179,442	1984	9.62%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,578,564	-\$419,303	\$2,159,261	\$23,656,550	\$26,235,114	\$15,024
15	1.00%	-\$261,448	-\$180,665	1985	27.04%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,811,437	-\$442,113	\$2,369,324	\$25,793,001	\$28,604,438	\$1,073,344
16	1.00%	-\$285,852	-\$38,450	1986	39.13%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,082,535	-\$324,302	\$2,758,233	\$28,280,136	\$31,362,671	\$2,455,022
17	1.00%	-\$313,423	-\$40,677	1987	-15.51%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$354,100	-\$354,100	\$31,008,570	\$31,008,570	\$655,539
18	1.00%	-\$309,872	-\$42,741	1988	28.41%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,341,499	-\$352,613	\$2,988,886	\$30,655,957	\$33,997,457	\$2,126,774
19	1.00%	-\$339,751	-\$44,723	1989	-12.34%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$384,474	-\$384,474	\$33,612,983	\$33,612,983	\$148,765
20	1.00%	-\$335,896	-\$46,753	1990	26.73%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,622,106	-\$382,649	\$3,239,457	\$33,230,334	\$36,852,440	\$1,715,012
21	1.00%	-\$368,280	-\$48,971	1991	7.72%	7.72%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,971,436	-\$417,251	\$3,554,185	\$36,435,189	\$40,406,625	\$3,512,326
22	1.00%	-\$403,795	-\$54,245	1992	9.84%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,354,396	-\$458,040	\$3,896,356	\$39,948,585	\$44,302,981	\$5,563,966
23	1.00%	-\$442,727	-\$60,615	1993	0.82%	0.82%	x 1.45	= 1.19%	+ 0.00%	= 1.19%	\$523,099	-\$503,342	\$19,757	\$43,799,639	\$44,322,738	\$3,646,773
24	1.00%	-\$442,887	-\$68,163	1994	26.30%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,775,474	-\$511,050	\$4,264,424	\$43,811,688	\$48,587,162	\$5,877,399
25	1.00%	-\$485,487	-\$76,882	1995	17.61%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$5,234,702	-\$562,369	\$4,672,333	\$48,024,793	\$53,259,496	\$8,414,244
26	1.00%	-\$532,158	-\$87,308	1996	37.82%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$5,737,763	-\$619,466	\$5,118,297	\$52,640,029	\$58,377,792	\$11,290,278
27	1.00%	-\$583,341	-\$87,363	1997	7.36%	7.36%	x 1.45	= 10.67%	+ 0.00%	= 10.67%	\$6,159,399	-\$670,704	\$5,488,695	\$57,707,088	\$63,866,487	\$14,004,597
28	1.00%	-\$638,238	-\$85,319	1998	26.13%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$6,882,579	-\$723,557	\$6,159,022	\$63,142,930	\$70,025,509	\$17,250,525
29	1.00%	-\$699,853	-\$80,483	1999	11.99%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$7,547,724	-\$780,336	\$6,767,388	\$69,245,173	\$76,792,897	\$20,959,164
30	1.00%	-\$767,569	-\$72,092	2000	-27.54%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$839,661	-\$839,661	\$75,953,237	\$75,953,237	\$16,907,817
31	1.00%	-\$759,237	-\$59,129	2001	-21.68%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$818,366	-\$818,366	\$75,134,871	\$75,134,871	\$12,717,180
32	1.00%	-\$751,008	-\$68,133	2002	22.16%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,100,415	-\$819,141	\$7,281,274	\$74,315,730	\$82,416,145	\$16,457,569
33	1.00%	-\$823,769	-\$78,400	2003	11.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,885,023	-\$902,169	\$7,982,854	\$81,513,975	\$90,398,999	\$20,722,494
34	1.00%	-\$903,540	-\$90,064	2004	10.25%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$9,745,188	-\$993,604	\$8,751,584	\$89,405,395	\$99,150,583	\$25,570,253
35	1.00%	-\$990,990	-\$103,251	2005	8.71%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$10,688,141	-\$1,094,241	\$9,593,901	\$98,056,342	\$108,744,484	\$31,065,137
36	1.00%	-\$1,086,854	-\$118,144	2006	14.29%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$11,721,804	-\$1,204,998	\$10,516,806	\$107,539,485	\$119,261,289	\$37,277,976
37	1.00%	-\$1,191,935	-\$135,491	2007	-23.61%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,327,426	-\$1,327,426	\$117,933,863	\$117,933,863	\$31,851,384
38	1.00%	-\$1,178,564	-\$155,023	2008	-9.37%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,333,587	-\$1,333,587	\$116,600,276	\$116,600,276	\$26,213,673
39	1.00%	-\$1,165,118	-\$176,921	2009	7.96%	7.96%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$12,563,148	-\$1,342,039	\$11,221,109	\$115,258,237	\$127,821,385	\$32,915,452
40	1.00%	-\$1,277,207	-\$201,412	2010	-0.86%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,478,619	-\$1,478,619	\$126,342,766	\$126,342,766	\$26,691,536

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

ASSET-BASED CHARGES (%) Account charges as a percentage of gross account value, after new TOTAL INDEX CONTRIBUTION and 100% BOY charges and 50% of remaining FIXED CHARGES (\$) are deducted.

ASSET-BASED CHARGES (\$) The previous year's EOY GROSS INDEX ACCUMULATED VALUE minus 100% BOY charges, minus 50% of remaining FIXED CHARGES (\$) multiplied by the ASSET-BASED CHARGES (%).

FIXED CHARGES (\$) Amounts taken from a real life product. These charges in a real life product would most likely not be fixed, as there would be some variable charges. This is merely a proxy for this category of charges.

INDEX CREDIT The after-floor after-cap index return, before any bonuses or participation rates are applied or credited. Caps are not guaranteed in a real world product. See actual product details for guarantees.

MULTIPLIER BONUS (x) A numerical number determined by a particular bonus schedule, multiplied by the basic after-floor, after-cap, INDEX CREDIT. This is not a guaranteed bonus amount. See actual product details for guarantees.

INDEX CREDIT w/ MULTIPLIER The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x). (e.g. If the MULTIPLIER BONUS (x) was 2.00, and the INDEX CREDIT was 10.00%, the INDEX CREDIT w/ MULTIPLIER would be 20.00%)

PERSISTENCY BONUS (+) A bonus credit added to the INDEX CREDIT. (e.g. If the INDEX CREDIT was 10.00% and the PERSISTENCY BONUS (+) was 0.50%, the TOTAL INDEX CREDIT (%) would be 10.50%)

TOTAL INDEX CREDIT (%) The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x) plus the PERSISTENCY BONUS (+).

TOTAL INDEX CREDITS (\$) The TOTAL INDEX CREDIT (%) multiplied by the EOY VALUE AFTER CHARGES B4 CREDIT.

TOTAL CHARGES (\$) The sum of the ASSET-BASED CHARGES (\$) and the FIXED CHARGES (\$).

YEAR-END GAIN/LOSS (\$) The EOY GROSS INDEX ACCUMULATED VALUE net gain or loss in each year based on the TOTAL INDEX CREDITS (\$) minus the TOTAL CHARGES (\$) in a given year.

EOY VALUE AFTER CHARGES B4 CREDIT The EOY account value after any new contributions in such year and after all charges have been subtracted from this cumulative value, before any index credits have been applied.

EOY GROSS INDEX ACCUMULATED VALUE The EOY account value after any new contributions, after any "Total Index Credits (\$)" have been added, and after the "Total Charges (\$)" have been subtracted.

EOY INDEX VALUE NET OF INT & EXT LOANS The EOY GROSS INDEX ACCUMULATED VALUE minus the third party Cumulative Loan Balance (if any), minus any internal cumulative loan balances as a result of Participating Loans.

HYPOTHETICAL SYNTHETIC PROXY

CHARGES + CREDITS + BONUSES

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

PAGE 14

CHARGES & CREDITS

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
YEAR	ASSET-BASED CHARGES (%)	ASSET-BASED CHARGES (\$)	FIXED CHARGES (\$)	BACKTESTED YEAR	INDEX GROSS RETURN	INDEX CREDIT	MULTIPLIER BONUS (x)	INDEX CREDIT w/ MULTIPLIER	PERSISTENCY BONUS (+)	TOTAL INDEX CREDIT (%)	TOTAL INDEX CREDITS (\$)	TOTAL CHARGES (\$)	YEAR-END GAIN/LOSS (\$)	EOY VALUE AFTER CHARGES B4 CREDIT	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1.00%	-\$19,782	-\$283,531	1982	20.68%	8.25%	x 1.00	= 8.25%	+ 0.00%	= 8.25%	\$139,977	-\$303,313	-\$163,337	\$1,696,687	\$1,836,663	-\$329,980
2	1.00%	-\$35,662	-\$300,879	1983	12.46%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$381,513	-\$336,541	\$44,972	\$3,500,122	\$3,881,635	\$18,184
3	1.00%	-\$56,026	-\$318,140	1984	9.93%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$600,314	-\$374,166	\$226,149	\$5,507,470	\$6,107,784	\$383,680
4	1.00%	-\$78,201	-\$335,330	1985	17.90%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$838,674	-\$413,531	\$425,142	\$7,694,253	\$8,532,926	\$781,791
5	1.00%	-\$102,365	-\$352,819	1986	29.42%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,098,474	-\$455,184	\$643,290	\$10,077,742	\$11,176,216	\$1,300,330
6	1.00%	-\$128,669	-\$378,590	1987	-6.21%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$507,259	-\$507,259	\$12,668,957	\$12,668,957	\$687,079
7	1.00%	-\$143,497	-\$398,606	1988	15.72%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,539,827	-\$542,103	\$997,725	\$14,126,854	\$15,666,681	\$1,306,050
8	1.00%	-\$173,365	-\$420,273	1989	10.63%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,860,962	-\$593,638	\$1,267,323	\$17,073,043	\$18,934,005	\$1,773,956
9	1.00%	-\$205,920	-\$444,105	1990	4.51%	4.51%	x 1.45	= 6.54%	+ 0.00%	= 6.54%	\$1,327,230	-\$650,025	\$677,206	\$20,283,980	\$21,611,211	\$1,228,323
10	1.00%	-\$232,561	-\$470,296	1991	18.86%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,497,011	-\$702,857	\$1,794,154	\$22,908,354	\$25,405,364	\$1,779,444
11	1.00%	-\$253,191	-\$172,513	1992	7.34%	7.34%	x 1.45	= 10.64%	+ 0.00%	= 10.64%	\$2,658,191	-\$425,704	\$2,232,487	\$24,979,660	\$27,637,851	\$2,445,699
12	1.00%	-\$275,503	-\$175,186	1993	9.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$2,963,401	-\$450,689	\$2,512,712	\$27,187,163	\$30,150,563	\$3,849,956
13	1.00%	-\$300,618	-\$177,577	1994	-2.32%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$478,195	-\$478,195	\$29,672,369	\$29,672,369	\$2,148,783
14	1.00%	-\$295,826	-\$179,442	1995	35.20%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,182,484	-\$475,268	\$2,707,215	\$29,197,100	\$32,379,584	\$2,135,981
15	1.00%	-\$322,893	-\$180,665	1996	23.61%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,474,487	-\$503,558	\$2,970,929	\$31,876,026	\$35,350,513	\$3,594,730
16	1.00%	-\$353,313	-\$38,450	1997	24.69%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$3,810,504	-\$391,763	\$3,418,741	\$34,958,750	\$38,769,254	\$5,425,681
17	1.00%	-\$387,489	-\$40,677	1998	30.54%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,179,179	-\$428,166	\$3,751,012	\$38,341,088	\$42,520,267	\$7,509,515
18	1.00%	-\$424,989	-\$42,741	1999	8.97%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,583,727	-\$467,730	\$4,115,997	\$42,052,537	\$46,636,263	\$9,874,974
19	1.00%	-\$466,139	-\$44,723	2000	-2.04%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$510,862	-\$510,862	\$46,125,401	\$46,125,401	\$7,526,048
20	1.00%	-\$461,020	-\$46,753	2001	-17.26%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$507,773	-\$507,773	\$45,617,628	\$45,617,628	\$5,088,307
21	1.00%	-\$455,931	-\$48,971	2002	-24.29%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$504,902	-\$504,902	\$45,112,726	\$45,112,726	\$2,556,938
22	1.00%	-\$450,856	-\$54,245	2003	32.19%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$4,862,231	-\$505,101	\$4,357,130	\$44,607,625	\$49,469,856	\$4,786,279
23	1.00%	-\$494,395	-\$60,615	2004	4.43%	4.43%	x 1.45	= 6.43%	+ 0.00%	= 6.43%	\$3,143,986	-\$555,010	\$2,588,976	\$48,914,845	\$52,058,831	\$5,141,076
24	1.00%	-\$520,247	-\$68,163	2005	8.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$5,610,276	-\$588,410	\$5,021,865	\$51,470,421	\$57,080,697	\$7,817,053
25	1.00%	-\$570,423	-\$76,882	2006	12.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$6,151,240	-\$647,305	\$5,503,935	\$56,433,392	\$62,584,632	\$10,857,806
26	1.00%	-\$625,410	-\$87,308	2007	-4.15%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$712,718	-\$712,718	\$61,871,914	\$61,871,914	\$7,558,747
27	1.00%	-\$618,282	-\$87,363	2008	-40.09%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$705,645	-\$705,645	\$61,166,269	\$61,166,269	\$3,717,444
28	1.00%	-\$611,236	-\$85,319	2009	30.03%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$6,591,199	-\$696,555	\$5,894,644	\$60,469,714	\$67,060,912	\$6,319,646
29	1.00%	-\$670,207	-\$80,483	2010	19.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$7,227,814	-\$750,690	\$6,477,125	\$66,310,223	\$73,538,037	\$9,339,707
30	1.00%	-\$735,020	-\$72,092	2011	2.04%	2.04%	x 1.45	= 2.96%	+ 0.00%	= 2.96%	\$2,155,742	-\$807,112	\$1,348,630	\$72,730,925	\$74,886,667	\$7,058,421
31	1.00%	-\$748,571	-\$59,129	2012	14.15%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,074,607	-\$807,700	\$7,266,907	\$74,078,967	\$82,153,575	\$10,513,917
32	1.00%	-\$821,195	-\$68,133	2013	18.99%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$8,857,803	-\$889,328	\$7,968,475	\$81,264,247	\$90,122,050	\$14,480,408
33	1.00%	-\$900,828	-\$78,400	2014	11.92%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$9,716,568	-\$979,228	\$8,737,339	\$89,142,821	\$98,859,389	\$19,015,665
34	1.00%	-\$988,144	-\$90,064	2015	-2.74%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,078,208	-\$1,078,208	\$97,781,181	\$97,781,181	\$13,525,272
35	1.00%	-\$977,296	-\$103,251	2016	17.45%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$10,540,369	-\$1,080,547	\$9,459,823	\$96,700,635	\$107,241,004	\$18,352,299
36	1.00%	-\$1,071,819	-\$118,144	2017	23.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$11,559,563	-\$1,189,963	\$10,369,600	\$106,051,040	\$117,610,604	\$23,857,464
37	1.00%	-\$1,175,429	-\$135,491	2018	-4.41%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$1,310,920	-\$1,310,920	\$116,299,684	\$116,299,684	\$17,858,887
38	1.00%	-\$1,162,222	-\$155,023	2019	31.74%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$12,533,086	-\$1,317,245	\$11,215,841	\$114,982,440	\$127,515,525	\$24,152,688
39	1.00%	-\$1,274,271	-\$176,921	2020	18.38%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$13,741,012	-\$1,451,192	\$12,289,821	\$126,064,334	\$139,805,346	\$31,274,367
40	1.00%	-\$1,397,046	-\$201,412	2021	28.83%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$15,064,551	-\$1,598,458	\$13,466,092	\$138,206,888	\$153,271,438	\$39,313,911

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

ASSET-BASED CHARGES (%) Account charges as a percentage of gross account value, after new TOTAL INDEX CONTRIBUTION and 100% BOY charges and 50% of remaining FIXED CHARGES (\$) are deducted.

ASSET-BASED CHARGES (\$) The previous year's EOY GROSS INDEX ACCUMULATED VALUE minus 100% BOY charges, minus 50% of remaining FIXED CHARGES (\$) multiplied by the ASSET-BASED CHARGES (%).

FIXED CHARGES (\$) Amounts taken from a real life product. These charges in a real life product would most likely not be fixed, as there would be some variable charges. This is merely a proxy for this category of charges.

INDEX CREDIT The after-floor after-cap index return, before any bonuses or participation rates are applied or credited. Caps are not guaranteed in a real world product. See actual product details for guarantees.

MULTIPLIER BONUS (x) A numerical number determined by a particular bonus schedule, multiplied by the basic after-floor, after-cap, INDEX CREDIT. This is not a guaranteed bonus amount. See actual product details for guarantees.

INDEX CREDIT w/ MULTIPLIER The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x). (e.g. If the MULTIPLIER BONUS (x) was 2.00, and the INDEX CREDIT was 10.00%, the INDEX CREDIT w/ MULTIPLIER would be 20.00%)

PERSISTENCY BONUS (+) A bonus credit added to the INDEX CREDIT. (e.g. If the INDEX CREDIT was 10.00% and the PERSISTENCY BONUS (+) was 0.50%, the TOTAL INDEX CREDIT (%) would be 10.50%)

TOTAL INDEX CREDIT (%) The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x) plus the PERSISTENCY BONUS (+).

TOTAL INDEX CREDITS (\$) The TOTAL INDEX CREDIT (%) multiplied by the EOY VALUE AFTER CHARGES B4 CREDIT.

TOTAL CHARGES (\$) The sum of the ASSET-BASED CHARGES (\$) and the FIXED CHARGES (\$).

YEAR-END GAIN/LOSS (\$) The EOY GROSS INDEX ACCUMULATED VALUE net gain or loss in each year based on the TOTAL INDEX CREDITS (\$) minus the TOTAL CHARGES (\$) in a given year.

EOY VALUE AFTER CHARGES B4 CREDIT The EOY account value after any new contributions in such year and after all charges have been subtracted from this cumulative value, before any index credits have been applied.

EOY GROSS INDEX ACCUMULATED VALUE The EOY account value after any new contributions, after any "Total Index Credits (\$)" have been added, and after the "Total Charges (\$)" have been subtracted.

EOY INDEX VALUE NET OF INT & EXT LOANS The EOY GROSS INDEX ACCUMULATED VALUE minus the third party Cumulative Loan Balance (if any), minus any internal cumulative loan balances as a result of Participating Loans.

ACCOUNT LOANS

AN ANNUAL EXPLANATION OF INDEX LOAN DEBT ACCRUAL

INTERNAL ACCOUNT LOANS: PARTICIPATING										PLR: 5.00%	
1	2	3	4	5	6	7	8	9	10		
YEAR	3RD PARTY PAYOFF USING PARTICIPATING LOAN	INCOME DRAWDOWNS PARTICIPATING LOANS	CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL	ACCRUED INTERNAL LOAN INTEREST	INDEX CREDIT AFTER CHARGES	CUMULATIVE INTERNAL DEBT BALANCE	CUMULATIVE INDEXED LOAN ACCOUNT VALUE	CUMULATIVE PAR LOAN GAIN/LOSS	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS	
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,836,663	-\$329,980	
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,881,635	\$98,344	
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,107,784	\$632,107	
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,694,253	\$443,346	
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,255,428	\$1,139,272	
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,038,931	\$1,958,538	
7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,072,879	\$2,920,245	
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,379,973	\$4,036,277	
9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,984,568	\$5,319,154	
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,267,977	\$4,136,938	
11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,453,695	\$5,298,250	
12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,850,466	\$6,523,228	
13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,242,590	\$6,646,788	
14	-\$24,971,514	\$0	-\$24,971,514	-\$1,248,576	\$2,027,386	-\$26,220,090	\$27,252,980	\$1,032,890	\$33,005,636	\$6,785,546	
15	\$0	\$0	-\$26,220,090	-\$1,311,004	\$1,969,178	-\$27,531,094	\$29,687,328	\$2,156,234	\$35,953,835	\$8,422,740	
16	\$0	\$0	-\$27,531,094	-\$1,376,555	\$2,422,106	-\$28,907,649	\$32,558,981	\$3,651,332	\$39,431,647	\$10,523,998	
17	\$0	\$0	-\$28,907,649	-\$1,445,382	\$0	-\$30,353,031	\$32,199,972	\$1,846,941	\$38,996,857	\$8,643,825	
18	\$0	\$0	-\$30,353,031	-\$1,517,652	\$2,627,036	-\$31,870,683	\$35,313,729	\$3,443,046	\$42,767,876	\$10,897,193	
19	\$0	\$0	-\$31,870,683	-\$1,593,534	\$2,881,217	-\$33,464,217	\$38,730,547	\$5,266,330	\$46,905,929	\$13,441,712	
20	\$0	\$0	-\$33,464,217	-\$1,673,211	\$3,160,149	-\$35,137,428	\$42,480,057	\$7,342,629	\$51,446,899	\$16,309,471	
21	\$0	\$0	-\$35,137,428	-\$1,756,871	\$3,466,239	-\$36,894,299	\$46,594,661	\$9,700,361	\$56,430,027	\$19,535,728	
22	\$0	\$0	-\$36,894,299	-\$1,844,715	\$3,801,942	-\$38,739,014	\$51,107,320	\$12,368,305	\$61,895,234	\$23,156,220	
23	\$0	\$0	-\$38,739,014	-\$1,936,951	\$0	-\$40,675,965	\$50,546,446	\$9,870,481	\$61,215,970	\$20,540,005	
24	\$0	\$0	-\$40,675,965	-\$2,033,798	\$0	-\$42,709,763	\$49,984,981	\$7,275,217	\$60,535,988	\$17,826,225	
25	\$0	\$0	-\$42,709,763	-\$2,135,488	\$0	-\$44,845,252	\$49,421,966	\$4,576,715	\$59,854,131	\$15,008,879	
26	\$0	\$0	-\$44,845,252	-\$2,242,263	\$4,030,621	-\$47,087,514	\$54,181,322	\$7,093,808	\$65,618,108	\$18,530,594	
27	\$0	-\$400,000	-\$47,487,514	-\$2,374,376	\$2,392,047	-\$49,861,890	\$57,431,671	\$7,569,781	\$69,044,821	\$19,182,931	
28	\$0	-\$400,000	-\$50,261,890	-\$2,513,094	\$4,717,536	-\$52,774,984	\$63,415,114	\$10,640,130	\$75,710,854	\$22,935,869	
29	\$0	-\$400,000	-\$53,174,984	-\$2,658,749	\$5,206,531	-\$55,833,734	\$69,988,396	\$14,154,663	\$83,034,894	\$27,201,160	
30	\$0	-\$400,000	-\$56,233,734	-\$2,811,687	\$0	-\$59,045,420	\$69,623,706	\$10,578,285	\$82,132,814	\$23,087,393	
31	\$0	-\$400,000	-\$59,445,420	-\$2,972,271	\$0	-\$62,417,691	\$69,273,309	\$6,855,618	\$81,252,652	\$18,834,961	
32	\$0	-\$400,000	-\$62,817,691	-\$3,140,885	\$5,685,772	-\$65,958,576	\$76,430,556	\$10,471,980	\$89,132,918	\$23,174,342	
33	\$0	-\$400,000	-\$66,358,576	-\$3,317,929	\$6,269,588	-\$69,676,505	\$84,278,465	\$14,601,960	\$97,773,411	\$28,096,906	
34	\$0	-\$400,000	-\$70,076,505	-\$3,503,825	\$1,712,047	-\$73,580,330	\$86,236,537	\$12,656,207	\$99,572,428	\$25,992,098	
35	\$0	-\$400,000	-\$73,980,330	-\$3,699,016	\$7,068,665	-\$77,679,346	\$95,019,989	\$17,340,642	\$109,207,631	\$31,528,285	
36	\$0	-\$400,000	-\$78,079,346	-\$3,903,967	\$7,784,954	-\$81,983,314	\$104,648,652	\$22,665,338	\$119,769,784	\$37,786,470	
37	\$0	\$0	-\$81,983,314	-\$4,099,166	\$8,537,461	-\$86,082,479	\$114,764,169	\$28,681,690	\$131,346,935	\$45,264,456	
38	\$0	\$0	-\$86,082,479	-\$4,304,124	\$0	-\$90,386,603	\$113,481,753	\$23,095,150	\$129,879,218	\$39,492,614	
39	\$0	\$0	-\$90,386,603	-\$4,519,330	\$9,255,933	-\$94,905,934	\$124,422,175	\$29,516,241	\$142,400,468	\$47,494,534	
40	\$0	\$0	-\$94,905,934	-\$4,745,297	\$10,147,735	-\$99,651,230	\$136,410,160	\$36,758,930	\$156,120,648	\$56,469,418	

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

INTERNAL ACCOUNT LOANS: PARTICIPATING

PLR: 5.00%

3RD PARTY PAYOFF USING PARTICIPATING LOAN The index value used to payoff the 3rd party premium financing loan. This can be done with either a withdrawal or a participating loan.

INCOME DRAWDOWNS PARTICIPATING LOANS These are drawdown modeling requests made by the client for supplemental retirement income. These can be done with either fixed loans or participating loans.

CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL The running YTD total internal loan, including all drawdowns, plus the accrued interest on the drawdowns.

ACCRUED INTERNAL LOAN INTEREST The interest due each year on the internal loans, including the drawdown principal AND the accrued/compounded interest from previous years.

INDEX CREDIT AFTER CHARGES The net dollar interest gained each year on the funds moved to the INDEX LOAN ACCOUNT (after charges) assuming participating loans are credited based on the INDEX CREDIT with no bonuses.

CUMULATIVE INTERNAL DEBT BALANCE The running YTD total of accrued internal debt from internal loans, including the accrued interest.

CUMULATIVE INDEXED LOAN ACCOUNT VALUE The running YTD total of accumulated funds in the INDEX LOAN ACCOUNT as a result of the participating loans leaving the primary index account, including index credit gains, minus charges on these particular funds.

CUMULATIVE PAR LOAN GAIN/LOSS The running YTD cumulative net gain or loss as a result of Participating Loans (the CUMULATIVE INTERNAL DEBT BALANCE plus the CUMULATIVE INDEXED LOAN ACCOUNT VALUE).

EOY GROSS INDEX ACCUMULATED VALUE The indexed accumulated value, not including any surrender charges, internal loans, or 3rd party lender debt.

EOY INDEX VALUE NET OF INT & EXT LOANS The indexed accumulated value, minus any surrender charges, internal loans, and 3rd party lender debt.

INTERNAL ACCOUNT LOANS: PARTICIPATING										PLR: 5.00%	
1	2	3	4	5	6	7	8	9	10		
YEAR	3RD PARTY PAYOFF USING PARTICIPATING LOAN	INCOME DRAWDOWNS PARTICIPATING LOANS	CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL	ACCRUED INTERNAL LOAN INTEREST	INDEX CREDIT AFTER CHARGES	CUMULATIVE INTERNAL DEBT BALANCE	CUMULATIVE INDEXED LOAN ACCOUNT VALUE	CUMULATIVE PAR LOAN GAIN/LOSS	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS	
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,836,663	-\$329,980	
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,122	-\$283,169	
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,129,772	-\$345,906	
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,459,157	\$208,250	
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,997,314	\$881,158	
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,501,843	\$421,451	
7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,142,441	\$989,807	
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,056,244	\$1,712,548	
9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,433,322	\$2,767,909	
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,742,244	\$1,611,204	
11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,483,135	\$1,327,690	
12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,491,149	\$2,163,911	
13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,075,853	\$480,051	
14	-\$24,971,514	\$0	-\$24,971,514	-\$1,248,576	\$2,024,270	-\$26,220,090	\$27,211,103	\$991,013	\$26,235,114	\$15,024	
15	\$0	\$0	-\$26,220,090	-\$1,311,004	\$2,207,085	-\$27,531,094	\$29,668,570	\$2,137,475	\$28,604,438	\$1,073,344	
16	\$0	\$0	-\$27,531,094	-\$1,376,555	\$2,419,907	-\$28,907,649	\$32,529,413	\$3,621,764	\$31,362,671	\$2,455,022	
17	\$0	\$0	-\$28,907,649	-\$1,445,382	\$0	-\$30,353,031	\$32,162,140	\$1,809,108	\$31,008,570	\$655,539	
18	\$0	\$0	-\$30,353,031	-\$1,517,652	\$2,623,204	-\$31,870,683	\$35,262,218	\$3,391,535	\$33,997,457	\$2,126,774	
19	\$0	\$0	-\$31,870,683	-\$1,593,534	\$0	-\$33,464,217	\$34,863,441	\$1,399,223	\$33,612,983	\$148,765	
20	\$0	\$0	-\$33,464,217	-\$1,673,211	\$2,843,491	-\$35,137,428	\$38,223,411	\$3,085,983	\$36,852,440	\$1,715,012	
21	\$0	\$0	-\$35,137,428	-\$1,756,871	\$2,917,166	-\$36,894,299	\$41,909,818	\$5,015,518	\$40,406,625	\$3,512,326	
22	\$0	\$0	-\$36,894,299	-\$1,844,715	\$3,418,366	-\$38,739,014	\$45,951,124	\$7,212,110	\$44,302,981	\$5,563,966	
23	\$0	\$0	-\$38,739,014	-\$1,936,951	\$374,179	-\$40,675,965	\$45,971,616	\$5,295,651	\$44,322,738	\$3,646,773	
24	\$0	\$0	-\$40,675,965	-\$2,033,798	\$3,748,928	-\$42,709,763	\$50,394,684	\$7,684,921	\$48,587,162	\$5,877,399	
25	\$0	\$0	-\$42,709,763	-\$2,135,488	\$4,109,440	-\$44,845,252	\$55,240,836	\$10,395,584	\$53,259,496	\$8,414,244	
26	\$0	\$0	-\$44,845,252	-\$2,242,263	\$4,504,362	-\$47,087,514	\$60,549,542	\$13,462,027	\$58,377,792	\$11,290,278	
27	\$0	-\$400,000	-\$47,487,514	-\$2,374,376	\$4,434,995	-\$49,861,890	\$66,680,033	\$16,818,143	\$63,866,487	\$14,004,597	
28	\$0	-\$400,000	-\$50,261,890	-\$2,513,094	\$5,471,406	-\$52,774,984	\$73,548,956	\$20,773,972	\$70,025,509	\$17,250,525	
29	\$0	-\$400,000	-\$53,174,984	-\$2,658,749	\$6,032,804	-\$55,833,734	\$81,095,513	\$25,261,779	\$76,792,897	\$20,959,164	
30	\$0	-\$400,000	-\$56,233,734	-\$2,811,687	\$0	-\$59,045,420	\$80,604,434	\$21,559,013	\$75,953,237	\$16,907,817	
31	\$0	-\$400,000	-\$59,445,420	-\$2,972,271	\$0	-\$62,417,691	\$80,131,643	\$17,713,952	\$75,134,871	\$12,717,180	
32	\$0	-\$400,000	-\$62,817,691	-\$3,140,885	\$6,571,427	-\$65,958,576	\$88,335,915	\$22,377,339	\$82,416,145	\$16,457,569	
33	\$0	-\$400,000	-\$66,358,576	-\$3,317,929	\$7,240,577	-\$69,676,505	\$97,330,903	\$27,654,399	\$90,398,999	\$20,722,494	
34	\$0	-\$400,000	-\$70,076,505	-\$3,503,825	\$7,974,179	-\$73,580,330	\$107,192,294	\$33,611,964	\$99,150,583	\$25,570,253	
35	\$0	-\$400,000	-\$73,980,330	-\$3,699,016	\$8,778,403	-\$77,679,346	\$118,003,023	\$40,323,676	\$108,744,484	\$31,065,137	
36	\$0	-\$400,000	-\$78,079,346	-\$3,903,967	\$9,660,007	-\$81,983,314	\$129,853,917	\$47,870,603	\$119,261,289	\$37,277,976	
37	\$0	\$0	-\$81,983,314	-\$4,099,166	\$0	-\$86,082,479	\$128,408,590	\$42,326,111	\$117,933,863	\$31,851,384	
38	\$0	\$0	-\$86,082,479	-\$4,304,124	\$0	-\$90,386,603	\$126,956,556	\$36,569,953	\$116,600,276	\$26,213,673	
39	\$0	\$0	-\$90,386,603	-\$4,519,330	\$9,986,629	-\$94,905,934	\$139,174,309	\$44,268,375	\$127,821,385	\$32,915,452	
40	\$0	\$0	-\$94,905,934	-\$4,745,297	\$0	-\$99,651,230	\$137,564,361	\$37,913,131	\$126,342,766	\$26,691,536	

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

INTERNAL ACCOUNT LOANS: PARTICIPATING PLR: 5.00%

3RD PARTY PAYOFF USING PARTICIPATING LOAN The index value used to payoff the 3rd party premium financing loan. This can be done with either a withdrawal or a participating loan.

INCOME DRAWDOWNS PARTICIPATING LOANS These are drawdown modeling requests made by the client for supplemental retirement income. These can be done with either fixed loans or participating loans.

CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL The running YTD total internal loan, including all drawdowns, plus the accrued interest on the drawdowns.

ACCRUED INTERNAL LOAN INTEREST The interest due each year on the internal loans, including the drawdown principal AND the accrued/compounded interest from previous years.

INDEX CREDIT AFTER CHARGES The net dollar interest gained each year on the funds moved to the INDEX LOAN ACCOUNT (after charges) assuming participating loans are credited based on the INDEX CREDIT with no bonuses.

CUMULATIVE INTERNAL DEBT BALANCE The running YTD total of accrued internal debt from internal loans, including the accrued interest.

CUMULATIVE INDEXED LOAN ACCOUNT VALUE The running YTD total of accumulated funds in the INDEX LOAN ACCOUNT as a result of the participating loans leaving the primary index account, including index credit gains, minus charges on these particular funds.

CUMULATIVE PAR LOAN GAIN/LOSS The running YTD cumulative net gain or loss as a result of Participating Loans (the CUMULATIVE INTERNAL DEBT BALANCE plus the CUMULATIVE INDEXED LOAN ACCOUNT VALUE).

EOY GROSS INDEX ACCUMULATED VALUE The indexed accumulated value, not including any surrender charges, internal loans, or 3rd party lender debt.

EOY INDEX VALUE NET OF INT & EXT LOANS The indexed accumulated value, minus any surrender charges, internal loans, and 3rd party lender debt.

HYPOTHETICAL SYNTHETIC PROXY

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

INTERNAL ACCOUNT LOANS: PARTICIPATING										PLR: 5.00%	
1	2	3	4	5	6	7	8	9	10		
YEAR	3RD PARTY PAYOFF USING PARTICIPATING LOAN	INCOME DRAWDOWNS PARTICIPATING LOANS	CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL	ACCRUED INTERNAL LOAN INTEREST	INDEX CREDIT AFTER CHARGES	CUMULATIVE INTERNAL DEBT BALANCE	CUMULATIVE INDEXED LOAN ACCOUNT VALUE	CUMULATIVE PAR LOAN GAIN/LOSS	EYO GROSS INDEX ACCUMULATED VALUE	EYO INDEX VALUE NET OF INT & EXT LOANS	
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,836,663	-\$329,980	
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,881,635	\$18,184	
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,107,784	\$383,680	
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,532,926	\$781,791	
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,176,216	\$1,300,330	
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,668,957	\$687,079	
7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,666,681	\$1,306,050	
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,934,005	\$1,773,956	
9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,611,211	\$1,228,323	
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,405,364	\$1,779,444	
11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,637,851	\$2,445,699	
12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,150,563	\$3,849,956	
13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,672,369	\$2,148,783	
14	-\$28,803,432	\$0	-\$28,803,432	-\$1,440,172	\$2,338,222	-\$30,243,603	\$31,431,368	\$1,187,765	\$32,379,584	\$2,135,981	
15	\$0	\$0	-\$30,243,603	-\$1,512,180	\$2,552,761	-\$31,755,784	\$34,315,296	\$2,559,512	\$35,350,513	\$3,594,730	
16	\$0	\$0	-\$31,755,784	-\$1,587,789	\$2,799,638	-\$33,343,573	\$37,633,921	\$4,290,348	\$38,769,254	\$5,425,681	
17	\$0	\$0	-\$33,343,573	-\$1,667,179	\$3,070,509	-\$35,010,751	\$41,275,087	\$6,264,336	\$42,520,267	\$7,509,515	
18	\$0	\$0	-\$35,010,751	-\$1,750,538	\$3,367,737	-\$36,761,289	\$45,270,550	\$8,509,261	\$46,636,263	\$9,874,974	
19	\$0	\$0	-\$36,761,289	-\$1,838,064	\$0	-\$38,599,354	\$44,774,648	\$6,175,294	\$46,125,401	\$7,526,048	
20	\$0	\$0	-\$38,599,354	-\$1,929,968	\$0	-\$40,529,321	\$44,281,744	\$3,752,423	\$45,617,628	\$5,088,307	
21	\$0	\$0	-\$40,529,321	-\$2,026,466	\$0	-\$42,555,787	\$43,791,628	\$1,235,841	\$45,112,726	\$2,556,938	
22	\$0	\$0	-\$42,555,787	-\$2,127,789	\$3,572,359	-\$44,683,577	\$48,021,162	\$3,337,585	\$49,469,856	\$4,786,279	
23	\$0	\$0	-\$44,683,577	-\$2,234,179	\$2,104,770	-\$46,917,755	\$50,534,321	\$3,616,566	\$52,058,831	\$5,141,076	
24	\$0	\$0	-\$46,917,755	-\$2,345,888	\$4,121,959	-\$49,263,643	\$55,409,124	\$6,145,481	\$57,080,697	\$7,817,053	
25	\$0	\$0	-\$49,263,643	-\$2,463,182	\$4,519,414	-\$51,726,825	\$60,751,880	\$9,025,055	\$62,584,632	\$10,857,806	
26	\$0	\$0	-\$51,726,825	-\$2,586,341	\$0	-\$54,313,167	\$60,060,034	\$5,746,867	\$61,871,914	\$7,558,747	
27	\$0	-\$400,000	-\$54,713,167	-\$2,735,658	\$0	-\$57,448,825	\$59,770,491	\$2,321,666	\$61,166,269	\$3,717,444	
28	\$0	-\$400,000	-\$57,848,825	-\$2,892,441	\$4,907,535	-\$60,741,266	\$65,969,171	\$5,227,905	\$67,060,912	\$6,319,646	
29	\$0	-\$400,000	-\$61,141,266	-\$3,057,063	\$5,414,164	-\$64,198,330	\$72,779,483	\$8,581,153	\$73,538,037	\$9,339,707	
30	\$0	-\$400,000	-\$64,598,330	-\$3,229,916	\$1,479,470	-\$67,828,246	\$74,521,538	\$6,693,292	\$74,886,667	\$7,058,421	
31	\$0	-\$400,000	-\$68,228,246	-\$3,411,412	\$6,114,361	-\$71,639,658	\$82,191,829	\$10,552,171	\$82,153,575	\$10,513,917	
32	\$0	-\$400,000	-\$72,039,658	-\$3,601,983	\$6,740,065	-\$75,641,641	\$90,602,812	\$14,961,171	\$90,122,050	\$14,480,408	
33	\$0	-\$400,000	-\$76,041,641	-\$3,802,082	\$7,426,156	-\$79,843,723	\$99,825,541	\$19,981,818	\$98,859,389	\$19,015,665	
34	\$0	-\$400,000	-\$80,243,723	-\$4,012,186	\$0	-\$84,255,909	\$99,132,434	\$14,876,524	\$97,781,181	\$13,525,272	
35	\$0	-\$400,000	-\$84,655,909	-\$4,232,795	\$8,120,684	-\$88,888,705	\$109,161,681	\$20,272,976	\$107,241,004	\$18,352,299	
36	\$0	-\$400,000	-\$89,288,705	-\$4,464,435	\$8,938,542	-\$93,753,140	\$120,155,677	\$26,402,537	\$117,610,604	\$23,857,464	
37	\$0	\$0	-\$93,753,140	-\$4,687,657	\$0	-\$98,440,797	\$118,816,390	\$20,375,593	\$116,299,684	\$17,858,887	
38	\$0	\$0	-\$98,440,797	-\$4,922,040	\$9,691,328	-\$103,362,837	\$130,274,940	\$26,912,103	\$127,515,525	\$24,152,688	
39	\$0	\$0	-\$103,362,837	-\$5,168,142	\$10,625,368	-\$108,530,979	\$142,830,710	\$34,299,731	\$139,805,346	\$31,274,367	
40	\$0	\$0	-\$108,530,979	-\$5,426,549	\$11,648,807	-\$113,957,528	\$156,588,207	\$42,630,679	\$153,271,438	\$39,313,911	

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

INTERNAL ACCOUNT LOANS: PARTICIPATING

PLR: 5.00%

3RD PARTY PAYOFF USING PARTICIPATING LOAN The index value used to payoff the 3rd party premium financing loan. This can be done with either a withdrawal or a participating loan.

INCOME DRAWDOWNS PARTICIPATING LOANS These are drawdown modeling requests made by the client for supplemental retirement income. These can be done with either fixed loans or participating loans.

CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL The running YTD total internal loan, including all drawdowns, plus the accrued interest on the drawdowns.

ACCRUED INTERNAL LOAN INTEREST The interest due each year on the internal loans, including the drawdown principal AND the accrued/compounded interest from previous years.

INDEX CREDIT AFTER CHARGES The net dollar interest gained each year on the funds moved to the INDEX LOAN ACCOUNT (after charges) assuming participating loans are credited based on the INDEX CREDIT with no bonuses.

CUMULATIVE INTERNAL DEBT BALANCE The running YTD total of accrued internal debt from internal loans, including the accrued interest.

CUMULATIVE INDEXED LOAN ACCOUNT VALUE The running YTD total of accumulated funds in the INDEX LOAN ACCOUNT as a result of the participating loans leaving the primary index account, including index credit gains, minus charges on these particular funds.

CUMULATIVE PAR LOAN GAIN/LOSS The running YTD cumulative net gain or loss as a result of Participating Loans (the CUMULATIVE INTERNAL DEBT BALANCE plus the CUMULATIVE INDEXED LOAN ACCOUNT VALUE).

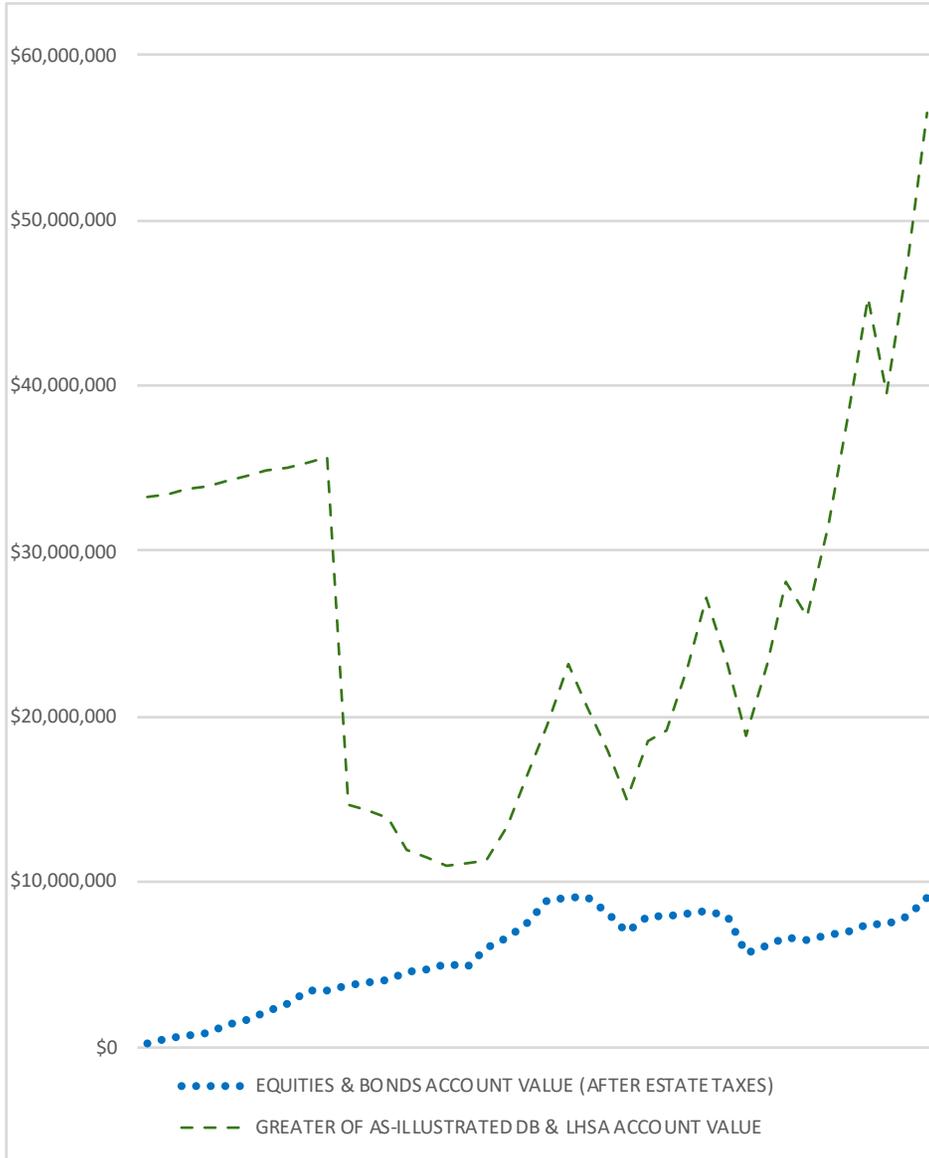
EYO GROSS INDEX ACCUMULATED VALUE The indexed accumulated value, not including any surrender charges, internal loans, or 3rd party lender debt.

EYO INDEX VALUE NET OF INT & EXT LOANS The indexed accumulated value, minus any surrender charges, internal loans, and 3rd party lender debt.

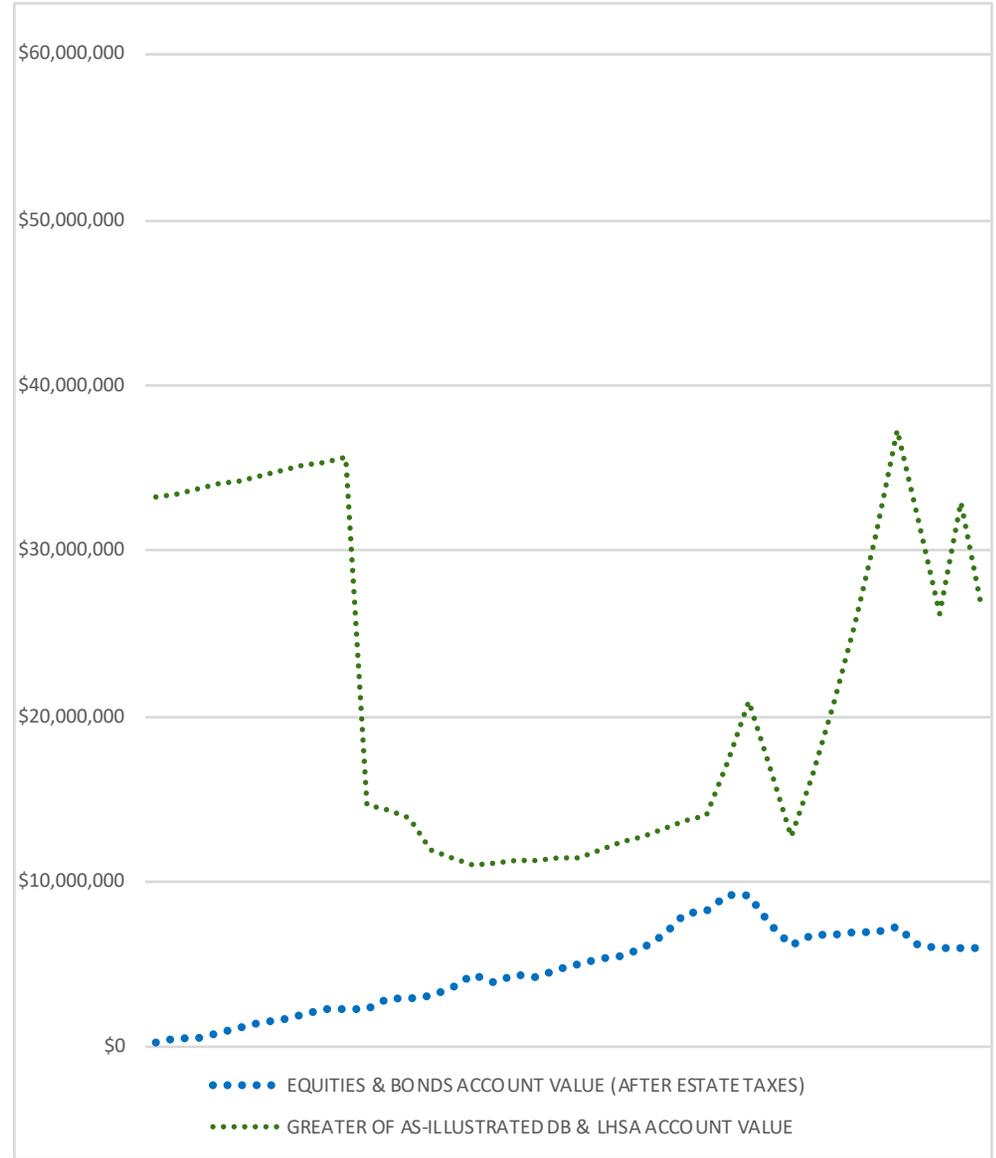
PARTIAL-EQUITY INTEREST ACCRUAL vs. EQUITIES & BONDS PORTFOLIO

AFTER ESTATE-TAX COMPARISON

BEST CAGR PERIOD OUT OF 121 DIFFERENT 40-YEAR S&P PERIODS ANALYZED



WORST CAGR PERIOD OUT OF 121 DIFFERENT 40-YEAR S&P PERIODS ANALYZED



DISCLAIMER: The "Gross Equities Return" is a hypothetical return based on historical annual point-to-point S&P 500 performance (starting on the first day of a particular month) not including dividends, plus a 2.00% bonus added. The "Gross Bond Return" is a hypothetical return based on historical 10-Year T-Bond Returns during the January 1st to December 31st period. The taxation and investment fees are merely hypothetical based on certain assumptions, and would vary from client situation to client situation based on a number of factors and variables. Such variables may be changed and modeled per the client or advisor's request. The assumptions made in this document are purely hypothetical and do not represent any specific investment, fund or asset in particular. The purpose of this document is for educational purposes only. The "Greater Of DB & LHSA" is the greater of the as-illustrated carrier death benefit (based on a particular index credit assumption, which is not guaranteed) and the net account value of the Leveraged Hypothetical Synthetic Asset that acts as the proxy for a premium financed IUL. The Leveraged Hypothetical Synthetic Asset is not a life insurance illustration, rather it is a fictitious investment account whose charges and crediting methods behave similarly to some real world IUL products.

HYPOTHETICAL EQUITIES & BONDS ACCOUNT vs. LEVERAGED HYPOTHETICAL SYNTHETIC ASSET (LHSA)

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

EQUITIES BONDS
 <AGE 56: **70.00%** **30.00%**
 AGE 56+: **70.00%** **30.00%**

Current Adjusted Gross Income (AGI): **\$250,000**
 Current Income Tax Rate: **37.10%**
 Long-Term Capital Gains Tax Rate: **28.10%**
 State of Residence: **CA**

% of Equities Taxed at STCG Tax Rates: **0.00%**
 % of Equities Taxed at LTCG Tax Rates: **100.00%**
 % of Bonds Taxed at STCG Tax Rates: **100.00%**
 Estate Tax Rates: **40.00%**

Advisor Fee: **0.50%**
 Fund Manager Fee: **0.70%**
 Broker Dealer Fee: **0.15%**

Investment Fees (All-In): 1.35%

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
YEAR	ANNUAL INVESTED	CALENDAR YEAR	GROSS EQUITIES RETURN	AFTER-FEE EQUITIES RETURN	AFTER-FEE & TAX EQUITIES RETURN	CALENDAR YEAR	GROSS BOND RETURN	AFTER-FEE BOND RETURN	AFTER-FEE & TAX BOND RETURN	TOTAL CHARGES	NET RETURN	INCOME DRAWDOWNS	AFTER-TAX ACCOUNT VALUE	AFTER-ESTATE TAX ACCOUNT VALUE	GREATER OF DB & LHSA ACCOUNT VALUE	LHSA INCREASE	
1	\$400,000	1978	13.97%	12.62%	9.07%	1978	-7.81%	-9.16%	-9.16%	1.35%	3.60%	\$0	\$414,404	=	\$248,643	vs \$33,212,601	13257.56%
2	\$400,000	1979	16.24%	14.89%	10.71%	1979	-9.51%	-10.86%	-10.86%	1.35%	4.24%	\$0	\$848,896	=	\$509,338	vs \$33,446,374	6466.64%
3	\$400,000	1980	15.48%	14.13%	10.16%	1980	-14.57%	-15.92%	-15.92%	1.35%	2.34%	\$0	\$1,278,089	=	\$766,854	vs \$33,696,979	4294.19%
4	\$400,000	1981	-5.06%	-6.41%	-6.41%	1981	-1.94%	-3.29%	-3.29%	1.35%	-5.47%	\$0	\$1,586,219	=	\$951,732	vs \$33,963,106	3468.56%
5	\$400,000	1982	22.68%	21.33%	15.34%	1982	25.14%	23.79%	14.96%	1.35%	15.23%	\$0	\$2,288,629	=	\$1,373,178	vs \$34,242,600	2393.68%
6	\$400,000	1983	14.46%	13.11%	9.43%	1983	-0.01%	-1.36%	-1.36%	1.35%	6.19%	\$0	\$2,855,100	=	\$1,713,060	vs \$34,524,260	1915.36%
7	\$400,000	1984	11.93%	10.58%	7.60%	1984	9.04%	7.69%	4.84%	1.35%	6.77%	\$0	\$3,475,624	=	\$2,085,374	vs \$34,810,697	1569.28%
8	\$400,000	1985	19.90%	18.55%	13.34%	1985	21.41%	20.06%	12.62%	1.35%	13.12%	\$0	\$4,384,108	=	\$2,630,465	vs \$35,096,238	1234.22%
9	\$400,000	1986	31.42%	30.07%	21.62%	1986	21.97%	20.62%	12.97%	1.35%	19.02%	\$0	\$5,694,223	=	\$3,416,534	vs \$35,373,705	935.37%
10	\$400,000	1987	-4.21%	-5.56%	-5.56%	1987	-8.32%	-9.67%	-9.67%	1.35%	-6.79%	\$0	\$5,680,401	=	\$3,408,241	vs \$35,634,558	945.54%
11	\$0	1988	17.72%	16.37%	11.77%	1988	3.98%	2.63%	1.66%	1.35%	8.73%	\$0	\$6,176,511	=	\$3,705,907	vs \$14,625,231	294.65%
12	\$0	1989	12.63%	11.28%	8.11%	1989	12.27%	10.92%	6.87%	1.35%	7.74%	\$0	\$6,654,372	=	\$3,992,623	vs \$14,269,543	257.40%
13	\$0	1990	6.51%	5.16%	3.71%	1990	0.79%	-0.56%	-0.56%	1.35%	2.43%	\$0	\$6,816,185	=	\$4,089,711	vs \$13,817,461	237.86%
14	\$0	1991	20.86%	19.51%	14.02%	1991	10.33%	8.98%	5.65%	1.35%	11.51%	\$0	\$7,600,869	=	\$4,560,521	vs \$11,960,380	162.26%
15	\$0	1992	9.34%	7.99%	5.74%	1992	6.15%	4.80%	3.02%	1.35%	4.93%	\$0	\$7,975,283	=	\$4,856,170	vs \$11,410,358	138.45%
16	\$0	1993	11.76%	10.41%	7.49%	1993	10.94%	9.59%	6.03%	1.35%	7.05%	\$0	\$8,537,453	=	\$5,122,472	vs \$10,983,234	114.41%
17	\$0	1994	-0.32%	-1.67%	-1.67%	1994	-10.37%	-11.72%	-11.72%	1.35%	-4.69%	\$0	\$8,137,175	=	\$4,882,305	vs \$11,119,582	127.75%
18	\$0	1995	37.20%	35.85%	25.78%	1995	20.11%	18.76%	11.80%	1.35%	21.58%	\$0	\$9,893,571	=	\$5,936,143	vs \$11,236,064	89.28%
19	\$0	1996	25.61%	24.26%	17.44%	1996	-1.46%	-2.81%	-2.81%	1.35%	11.37%	\$0	\$11,017,994	=	\$6,610,796	vs \$13,441,712	103.33%
20	\$0	1997	26.69%	25.34%	18.22%	1997	7.43%	6.08%	3.82%	1.35%	13.90%	\$0	\$12,549,671	=	\$7,529,803	vs \$16,309,471	116.60%
21	\$0	1998	32.54%	31.19%	22.42%	1998	13.16%	11.81%	7.43%	1.35%	17.93%	\$0	\$14,799,386	=	\$8,879,631	vs \$19,535,728	120.01%
22	\$0	1999	10.97%	9.62%	6.92%	1999	-10.22%	-11.57%	-11.57%	1.35%	1.37%	\$0	\$15,002,518	=	\$9,001,511	vs \$23,156,220	157.25%
23	\$0	2000	-0.04%	-1.39%	-1.39%	2000	12.84%	11.49%	7.23%	1.35%	12.84%	\$0	\$15,181,932	=	\$9,109,159	vs \$20,540,005	125.49%
24	\$0	2001	-15.26%	-16.61%	-16.61%	2001	2.67%	1.32%	0.83%	1.35%	-11.38%	\$0	\$13,454,274	=	\$8,072,565	vs \$17,826,225	120.82%
25	\$0	2002	-22.29%	-23.64%	-23.64%	2002	13.32%	11.97%	7.53%	1.35%	-14.29%	\$0	\$11,531,949	=	\$6,919,170	vs \$15,008,879	116.92%
26	\$0	2003	34.19%	32.84%	23.61%	2003	-1.85%	-3.20%	-3.20%	1.35%	15.57%	\$0	\$13,327,058	=	\$7,996,235	vs \$18,530,594	131.74%
27	\$0	2004	6.43%	5.08%	3.65%	2004	1.77%	0.42%	0.26%	1.35%	2.64%	-\$400,000	\$13,267,902	=	\$7,960,741	vs \$19,182,931	140.97%
28	\$0	2005	10.36%	9.01%	6.48%	2005	-0.51%	-1.86%	-1.86%	1.35%	3.98%	-\$400,000	\$13,380,007	=	\$8,028,004	vs \$22,935,869	185.70%
29	\$0	2006	14.36%	13.01%	9.35%	2006	-1.23%	-2.58%	-2.58%	1.35%	5.77%	-\$400,000	\$13,729,348	=	\$8,237,609	vs \$27,201,160	230.21%
30	\$0	2007	-2.15%	-3.50%	-3.50%	2007	7.15%	5.80%	3.65%	1.35%	-1.36%	-\$400,000	\$13,148,724	=	\$7,889,235	vs \$23,087,393	192.64%
31	\$0	2008	-38.09%	-39.44%	-39.44%	2008	15.66%	14.31%	9.00%	1.35%	-24.91%	-\$400,000	\$9,573,272	=	\$5,743,963	vs \$18,834,961	277.91%
32	\$0	2009	32.03%	30.68%	22.06%	2009	-10.80%	-12.15%	-12.15%	1.35%	11.80%	-\$400,000	\$10,255,265	=	\$6,153,159	vs \$23,174,342	276.63%
33	\$0	2010	21.76%	20.41%	14.68%	2010	6.71%	5.36%	3.37%	1.35%	11.29%	-\$400,000	\$10,967,610	=	\$6,580,566	vs \$28,096,906	326.97%
34	\$0	2011	4.04%	2.69%	1.94%	2011	12.48%	11.13%	7.00%	1.35%	3.46%	-\$400,000	\$10,932,934	=	\$6,559,760	vs \$25,992,098	296.24%
35	\$0	2012	16.15%	14.80%	10.64%	2012	0.88%	-0.47%	-0.47%	1.35%	7.31%	-\$400,000	\$11,302,764	=	\$6,781,658	vs \$31,528,285	364.91%
36	\$0	2013	20.99%	19.64%	14.12%	2013	-10.42%	-11.77%	-11.77%	1.35%	6.35%	-\$400,000	\$11,595,568	=	\$6,957,341	vs \$37,786,470	443.12%
37	\$0	2014	13.92%	12.57%	9.03%	2014	8.98%	7.63%	4.80%	1.35%	7.76%	\$0	\$12,495,796	=	\$7,497,478	vs \$45,264,456	503.73%
38	\$0	2015	-0.74%	-2.09%	-2.09%	2015	1.16%	-0.19%	-0.19%	1.35%	-1.52%	\$0	\$12,305,638	=	\$7,383,383	vs \$39,492,614	434.89%
39	\$0	2016	19.45%	18.10%	13.02%	2016	-0.56%	-1.91%	-1.91%	1.35%	8.54%	\$0	\$13,356,179	=	\$8,013,707	vs \$47,494,534	492.67%
40	\$0	2017	25.91%	24.56%	17.66%	2017	0.66%	-0.69%	-0.69%	1.35%	12.15%	\$0	\$14,979,582	=	\$8,987,749	vs \$56,469,418	528.29%

Average Equities Return: **12.23%** Average T-Bond Return: **3.94%** Average Net Portfolio Return: **5.16%**

BEST 40

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HYPOTHETICAL EQUITIES & BONDS ACCOUNT vs. LEVERAGED HYPOTHETICAL SYNTHETIC ASSET (LHSA)

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

EQUITIES BONDS
 <AGE 56: 70.00% 30.00%
 AGE 56+: 70.00% 30.00%

Current Adjusted Gross Income (AGI): \$250,000
 Current Income Tax Rate: 37.10%
 Long-Term Capital Gains Tax Rate: 28.10%
 State of Residence: CA

% of Equities Taxed at STCG Tax Rates: 0.00%
 % of Equities Taxed at LTCG Tax Rates: 100.00%
 % of Bonds Taxed at STCG Tax Rates: 100.00%
 Estate Tax Rates: 40.00%

Advisor Fee: 0.50%
 Fund Manager Fee: 0.70%
 Broker Dealer Fee: 0.15%

Investment Fees (All-In): 1.35%

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
YEAR	ANNUAL INVESTED	CALENDAR YEAR	GROSS EQUITIES RETURN	AFTER-FEE EQUITIES RETURN	AFTER-FEE & TAX EQUITIES RETURN	CALENDAR YEAR	GROSS BOND RETURN	AFTER-FEE BOND RETURN	AFTER-FEE & TAX BOND RETURN	TOTAL CHARGES	NET RETURN	INCOME DRAWDOWNS	AFTER-TAX ACCOUNT VALUE	AFTER-ESTATE TAX ACCOUNT VALUE	GREATER OF DB & LHSA ACCOUNT VALUE	LHSA INCREASE			
1	45	\$400,000	1971	14.42%	13.07%	9.39%	1971	5.27%	3.92%	2.46%	1.35%	7.32%	\$0	\$429,262	=	\$257,557	vs	\$33,212,601	12795.23%
2	46	\$400,000	1972	0.08%	-1.27%	-1.27%	1972	-0.44%	-1.79%	-1.79%	1.35%	-1.42%	\$0	\$817,452	=	\$490,471	vs	\$33,446,374	6719.24%
3	47	\$400,000	1973	-39.40%	-40.75%	-40.75%	1973	-2.37%	-3.72%	-3.72%	1.35%	-29.64%	\$0	\$856,578	=	\$513,947	vs	\$33,696,979	6456.51%
4	48	\$400,000	1974	34.00%	32.65%	23.47%	1974	-8.16%	-9.51%	-9.51%	1.35%	13.58%	\$0	\$1,427,176	=	\$856,306	vs	\$33,963,106	3866.24%
5	49	\$400,000	1975	27.48%	26.13%	18.79%	1975	-5.07%	-6.42%	-6.42%	1.35%	11.22%	\$0	\$2,032,258	=	\$1,219,355	vs	\$34,242,600	2708.26%
6	50	\$400,000	1976	-6.28%	-7.63%	-7.63%	1976	9.68%	8.33%	5.24%	1.35%	-3.77%	\$0	\$2,340,661	=	\$1,404,397	vs	\$34,524,260	2358.30%
7	51	\$400,000	1977	8.23%	6.88%	4.94%	1977	-4.89%	-6.24%	-6.24%	1.35%	1.59%	\$0	\$2,784,173	=	\$1,670,504	vs	\$34,810,697	1983.84%
8	52	\$400,000	1978	8.61%	7.26%	5.22%	1978	-7.81%	-9.16%	-9.16%	1.35%	0.91%	\$0	\$3,213,031	=	\$1,927,819	vs	\$35,096,238	1720.52%
9	53	\$400,000	1979	16.76%	15.41%	11.08%	1979	-9.51%	-10.86%	-10.86%	1.35%	4.50%	\$0	\$3,775,579	=	\$2,265,347	vs	\$35,373,705	1461.51%
10	54	\$400,000	1980	-5.40%	-6.75%	-6.75%	1980	-14.57%	-15.92%	-15.92%	1.35%	-9.50%	\$0	\$3,779,008	=	\$2,267,405	vs	\$35,634,558	1471.60%
11	55	\$0	1981	5.65%	4.30%	3.09%	1981	-1.94%	-3.29%	-3.29%	1.35%	1.18%	\$0	\$3,823,536	=	\$2,294,122	vs	\$14,625,231	537.51%
12	56	\$0	1982	39.91%	38.56%	27.72%	1982	25.14%	23.79%	14.96%	1.35%	23.90%	\$0	\$4,737,217	=	\$2,842,330	vs	\$14,269,543	402.04%
13	57	\$0	1983	2.02%	0.67%	0.48%	1983	-0.01%	-1.36%	-1.36%	1.35%	-0.07%	\$0	\$4,733,791	=	\$2,840,274	vs	\$13,817,461	386.48%
14	58	\$0	1984	11.62%	10.27%	7.38%	1984	9.04%	7.69%	4.84%	1.35%	6.62%	\$0	\$5,047,219	=	\$3,028,331	vs	\$11,960,380	294.95%
15	59	\$0	1985	29.04%	27.69%	19.91%	1985	21.41%	20.06%	12.62%	1.35%	17.72%	\$0	\$2,784,173	=	\$1,670,507	vs	\$11,410,358	220.06%
16	60	\$0	1986	41.13%	39.78%	28.60%	1986	21.97%	20.62%	12.97%	1.35%	23.91%	\$0	\$7,362,450	=	\$4,417,470	vs	\$10,983,234	148.63%
17	61	\$0	1987	-13.51%	-14.86%	-14.86%	1987	-8.32%	-9.67%	-9.67%	1.35%	-13.30%	\$0	\$6,382,953	=	\$3,829,772	vs	\$11,119,582	190.35%
18	62	\$0	1988	30.41%	29.06%	20.89%	1988	3.98%	2.63%	1.66%	1.35%	15.12%	\$0	\$7,348,122	=	\$4,408,873	vs	\$11,236,064	154.85%
19	63	\$0	1989	-10.34%	-11.69%	-11.69%	1989	12.27%	10.92%	6.87%	1.35%	-6.12%	\$0	\$6,898,079	=	\$4,138,848	vs	\$11,330,228	173.75%
20	64	\$0	1990	28.73%	27.38%	19.69%	1990	0.79%	-0.56%	-0.56%	1.35%	13.61%	\$0	\$7,837,196	=	\$4,702,318	vs	\$11,399,219	142.42%
21	65	\$0	1991	9.72%	8.37%	6.02%	1991	10.33%	8.98%	5.65%	1.35%	5.91%	\$0	\$8,300,152	=	\$4,980,091	vs	\$11,439,746	129.71%
22	66	\$0	1992	11.84%	10.49%	7.55%	1992	6.15%	4.80%	3.02%	1.35%	6.19%	\$0	\$8,813,680	=	\$5,288,208	vs	\$11,869,933	124.46%
23	67	\$0	1993	2.82%	1.47%	1.06%	1993	10.94%	9.59%	6.03%	1.35%	2.55%	\$0	\$9,038,487	=	\$5,423,092	vs	\$12,306,937	126.94%
24	68	\$0	1994	28.30%	26.95%	19.38%	1994	-10.37%	-11.72%	-11.72%	1.35%	10.05%	\$0	\$9,946,642	=	\$5,967,985	vs	\$12,749,189	113.63%
25	69	\$0	1995	19.61%	18.26%	13.13%	1995	20.11%	18.76%	11.80%	1.35%	12.73%	\$0	\$11,212,944	=	\$6,727,767	vs	\$13,195,047	96.13%
26	70	\$0	1996	39.82%	38.47%	27.66%	1996	-1.46%	-2.81%	-2.81%	1.35%	18.52%	\$0	\$13,289,485	=	\$7,973,691	vs	\$13,642,128	71.09%
27	71	\$0	1997	9.36%	8.01%	5.76%	1997	7.43%	6.08%	3.82%	1.35%	5.18%	-\$400,000	\$13,557,013	=	\$8,134,208	vs	\$14,004,597	72.17%
28	72	\$0	1998	28.13%	26.78%	19.25%	1998	13.16%	11.81%	7.43%	1.35%	15.71%	-\$400,000	\$15,223,402	=	\$9,134,041	vs	\$17,250,525	88.86%
29	73	\$0	1999	13.99%	12.64%	9.09%	1999	-10.22%	-11.57%	-11.57%	1.35%	2.89%	-\$400,000	\$15,251,982	=	\$9,151,189	vs	\$20,959,164	129.03%
30	74	\$0	2000	-25.54%	-26.89%	-26.89%	2000	12.84%	11.49%	7.23%	1.35%	-16.65%	-\$400,000	\$12,378,864	=	\$7,427,318	vs	\$16,907,817	127.64%
31	75	\$0	2001	-19.68%	-21.03%	-21.03%	2001	2.67%	1.32%	0.83%	1.35%	-14.47%	-\$400,000	\$10,245,432	=	\$6,147,259	vs	\$12,717,180	106.88%
32	76	\$0	2002	24.16%	22.81%	16.40%	2002	13.32%	11.97%	7.53%	1.35%	13.74%	-\$400,000	\$11,198,226	=	\$6,718,936	vs	\$16,457,569	144.94%
33	77	\$0	2003	13.91%	12.56%	9.03%	2003	-1.85%	-3.20%	-3.20%	1.35%	5.36%	-\$400,000	\$11,377,025	=	\$6,826,215	vs	\$20,722,494	203.57%
34	78	\$0	2004	12.25%	10.90%	7.84%	2004	1.77%	0.42%	0.26%	1.35%	5.56%	-\$400,000	\$11,587,770	=	\$6,952,662	vs	\$25,570,253	267.78%
35	79	\$0	2005	10.71%	9.36%	6.73%	2005	-0.51%	-1.86%	-1.86%	1.35%	4.15%	-\$400,000	\$11,652,502	=	\$6,991,501	vs	\$31,065,137	344.33%
36	80	\$0	2006	16.29%	14.94%	10.74%	2006	-1.23%	-2.58%	-2.58%	1.35%	6.75%	-\$400,000	\$12,011,702	=	\$7,207,021	vs	\$37,277,976	417.25%
37	81	\$0	2007	-21.61%	-22.96%	-22.96%	2007	7.15%	5.80%	3.65%	1.35%	-14.97%	\$0	\$10,213,134	=	\$6,127,880	vs	\$31,851,384	419.78%
38	82	\$0	2008	-7.37%	-8.72%	-8.72%	2008	15.66%	14.31%	9.00%	1.35%	-3.40%	\$0	\$9,865,576	=	\$5,919,345	vs	\$26,213,673	342.85%
39	83	\$0	2009	9.96%	8.61%	6.19%	2009	-10.80%	-12.15%	-12.15%	1.35%	0.69%	\$0	\$9,933,394	=	\$5,930,037	vs	\$32,915,452	452.27%
40	84	\$0	2010	1.14%	-0.21%	-0.21%	2010	6.71%	5.36%	3.37%	1.35%	0.87%	\$0	\$10,019,524	=	\$6,011,714	vs	\$26,691,536	343.99%

Average Equities Return: 10.02% Average T-Bond Return: 3.46% Average Net Portfolio Return: 3.62%

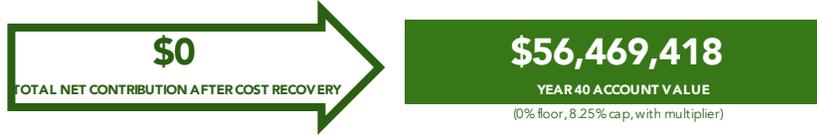
WORST 40

DISCLAIMER: The "Gross Equities Return" is a hypothetical return based on historical annual point-to-point S&P 500 performance (starting on the first day of a particular month) not including dividends, plus a 2.00% bonus added. The "Gross Bond Return" is a hypothetical return based on historical 10-Year T-Bond Returns during the January 1st to December 31st period. The taxation and investment fees are merely hypothetical based on certain assumptions, and would vary from client situation to client situation based on a number of factors and variables. Such variables may be changed and modeled per the client or advisor's request. The assumptions made in this document are purely hypothetical and do not represent any specific investment, fund or asset in particular. The purpose of this document is for educational purposes only. The "Greater Of DB & LHSA" is the greater of the as-illustrated carrier death benefit (based on a particular index credit assumption, which is not guaranteed) and the net account value of the Leveraged Hypothetical Synthetic Asset that acts as the proxy for a premium financed IUL. The Leveraged Hypothetical Synthetic Asset is not a life insurance illustration, rather it is a fictitious investment account whose charges and crediting methods behave similarly to some real world IUL products.

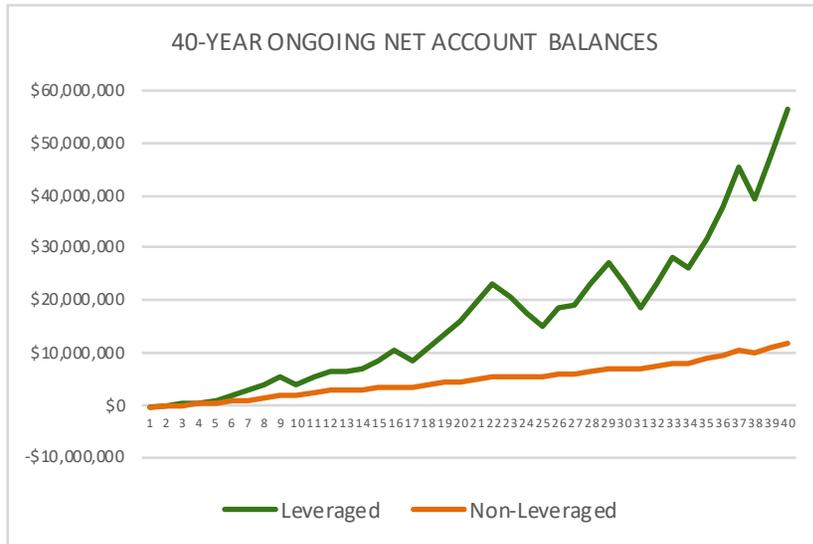
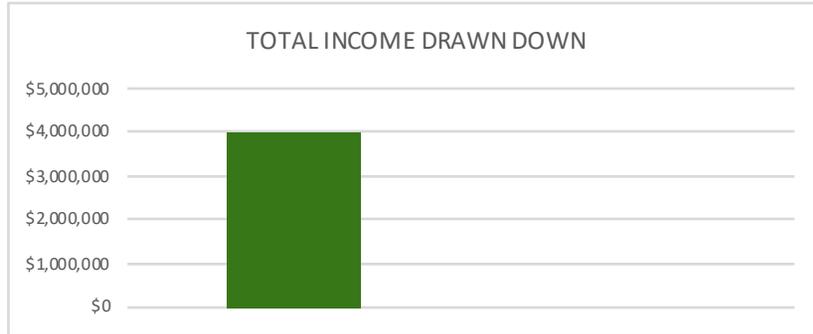


BEST CAGR IN 40-YEAR PERIOD*

LEVERAGED HYPOTHETICAL SYNTHETIC ASSET

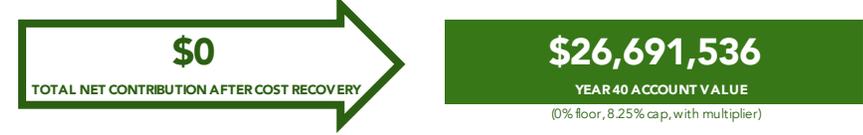


NON-LEVERAGED HYPOTHETICAL SYNTHETIC ASSET

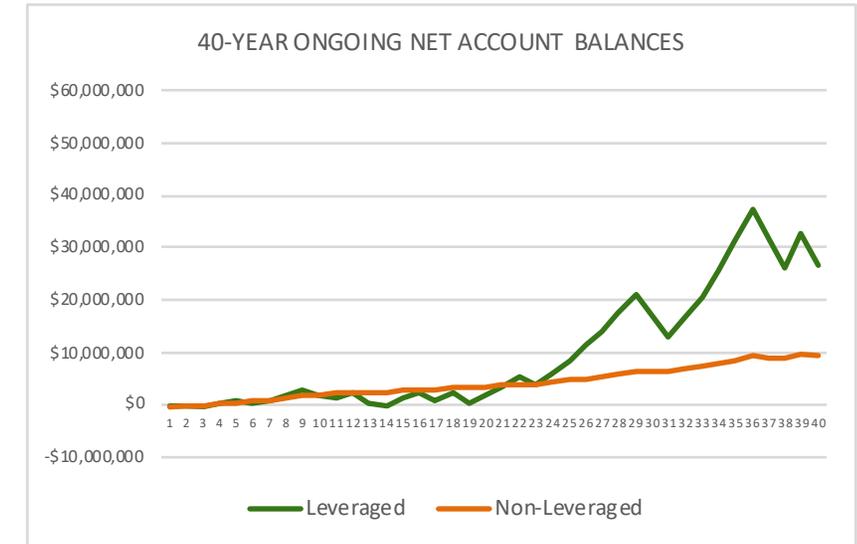
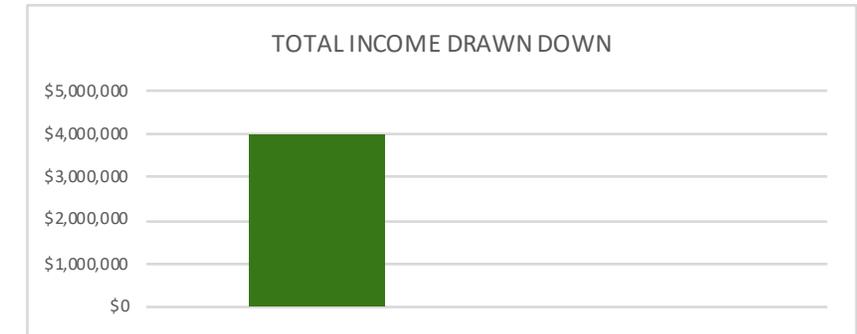


WORST CAGR IN 40-YEAR PERIOD*

LEVERAGED HYPOTHETICAL SYNTHETIC ASSET



NON-LEVERAGED HYPOTHETICAL SYNTHETIC ASSET



*40-year periods with the best and worst CAGR out of 121 different 40-year periods analyzed
HYPOTHETICAL SYNTHETIC BACKTESTING REPORT - DOCUMENT 20.22.07.14

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

NON-FINANCED HYPOTHETICAL SYNTHETIC ASSET

NON-LEVERAGED HYPOTHETICAL SYNTHETIC ASSET

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

Current Pre-Bonus Cap: **8.75%**

Current Post-Bonus Max Cap: **10.90%**

Participation Rate: **100.00%**

Floor Modeled: **0.00%**

Pre-Bonus Cap Modeled: **8.25%**

Post-Bonus Max Cap Modeled: **10.90%**

#	YEAR	AGE	TOTAL INDEX CONTRIBUTION	CALENDAR YEAR	INDEX RETURN (GROSS)	INDEX RETURN (FLOOR & CAP)	INDEX RETURN (EFFECTIVE)	ANNUAL INCOME DRAWDOWNS	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	45		\$196,501	1978	11.97%	8.25%	8.25%	\$0	\$150,650	-\$415,993
2	46		\$196,501	1979	14.24%	8.25%	10.90%	\$0	\$321,284	-\$191,767
3	47		\$196,501	1980	13.48%	8.25%	10.90%	\$0	\$507,453	\$48,687
4	48		\$196,501	1981	-7.06%	0.00%	0.00%	\$0	\$640,972	\$236,953
5	49		\$196,501	1982	20.68%	8.25%	10.90%	\$0	\$856,564	\$508,216
6	50		\$196,501	1983	12.46%	8.25%	10.90%	\$0	\$1,092,638	\$800,423
7	51		\$196,501	1984	9.93%	8.25%	10.90%	\$0	\$1,351,254	\$1,116,096
8	52		\$196,501	1985	17.90%	8.25%	10.90%	\$0	\$1,634,702	\$1,457,294
9	53		\$196,501	1986	29.42%	8.25%	10.90%	\$0	\$1,945,327	\$1,826,362
10	54		\$196,501	1987	-6.21%	0.00%	0.00%	\$0	\$2,061,073	\$2,001,244
11	55		\$196,501	1988	15.72%	8.25%	10.90%	\$0	\$2,453,736	\$2,453,736
12	56		\$0	1989	10.63%	8.25%	10.90%	\$0	\$2,679,292	\$2,679,292
13	57		\$0	1990	4.51%	4.51%	6.54%	\$0	\$2,810,820	\$2,810,820
14	58		\$0	1991	18.86%	8.25%	10.90%	\$0	\$3,068,774	\$3,068,774
15	59		\$0	1992	7.34%	7.34%	10.64%	\$0	\$3,342,583	\$3,342,583
16	60		\$0	1993	9.76%	8.25%	10.90%	\$0	\$3,649,290	\$3,649,290
17	61		\$0	1994	-2.32%	0.00%	0.00%	\$0	\$3,592,604	\$3,592,604
18	62		\$0	1995	35.20%	8.25%	10.90%	\$0	\$3,919,930	\$3,919,930
19	63		\$0	1996	23.61%	8.25%	10.90%	\$0	\$4,276,898	\$4,276,898
20	64		\$0	1997	24.69%	8.25%	10.90%	\$0	\$4,665,926	\$4,665,926
21	65		\$0	1998	30.54%	8.25%	10.90%	\$0	\$5,089,869	\$5,089,869
22	66		\$0	1999	8.97%	8.25%	10.90%	\$0	\$5,552,043	\$5,552,043
23	67		\$0	2000	-2.04%	0.00%	0.00%	\$0	\$5,461,064	\$5,461,064
24	68		\$0	2001	-17.26%	0.00%	0.00%	\$0	\$5,367,385	\$5,367,385
25	69		\$0	2002	-24.29%	0.00%	0.00%	\$0	\$5,270,528	\$5,270,528
26	70		\$0	2003	32.19%	8.25%	10.90%	\$0	\$5,734,000	\$5,734,000
27	71		\$0	2004	4.43%	4.43%	6.43%	\$0	\$5,986,623	\$5,986,623
28	72		\$0	2005	8.36%	8.25%	10.90%	\$0	\$6,510,724	\$6,510,724
29	73		\$0	2006	12.36%	8.25%	10.90%	\$0	\$7,080,658	\$7,080,658
30	74		\$0	2007	-4.15%	0.00%	0.00%	\$0	\$6,943,406	\$6,943,406
31	75		\$0	2008	-40.09%	0.00%	0.00%	\$0	\$6,801,709	\$6,801,709
32	76		\$0	2009	30.03%	8.25%	10.90%	\$0	\$7,380,918	\$7,380,918
33	77		\$0	2010	19.76%	8.25%	10.90%	\$0	\$8,010,041	\$8,010,041
34	78		\$0	2011	2.04%	2.04%	2.96%	\$0	\$8,071,579	\$8,071,579
35	79		\$0	2012	14.15%	8.25%	10.90%	\$0	\$8,754,056	\$8,754,056
36	80		\$0	2013	18.99%	8.25%	10.90%	\$0	\$9,496,198	\$9,496,198
37	81		\$0	2014	11.92%	8.25%	10.90%	\$0	\$10,302,316	\$10,302,316
38	82		\$0	2015	-2.74%	0.00%	0.00%	\$0	\$10,076,663	\$10,076,663
39	83		\$0	2016	17.45%	8.25%	10.90%	\$0	\$10,914,465	\$10,914,465
40	84		\$0	2017	23.91%	8.25%	10.90%	\$0	\$11,821,240	\$11,821,240

AVERAGE ANNUAL INCOME DRAWDOWN: **\$0**

BEST 40

RETIREMENT INCOME DRAWDOWN ASSUMPTIONS	
Drawdown Type:	PARTICIPATING
PLR:	5.00%
% of Previous Year's EOY Value Drawdown:	8.00%

CASH FLOW SUMMARY	
TOTAL CLIENT OUTLAY:	-\$2,161,511
AVERAGE ANNUAL INCOME DRAWDOWN:	\$0
TOTAL INCOME DRAWDOWN:	\$0
40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$11,821,240
INCOME + 40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$11,821,240
RAW S&P 500 CAGR:	9.02%
40-YEAR NET ACCOUNT IRR:	4.94%

BEST 40-YEAR S&P CAGR PERIOD (OF 121 PERIODS ANALYZED)

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WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

NON-FINANCED HYPOTHETICAL SYNTHETIC ASSET

NON-LEVERAGED HYPOTHETICAL SYNTHETIC ASSET

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

Current Pre-Bonus Cap: **8.75%**

Current Post-Bonus Max Cap: **10.90%**

Participation Rate: **100.00%**

Floor Modeled: **0.00%**

Pre-Bonus Cap Modeled: **8.25%**

Post-Bonus Max Cap Modeled: **10.90%**

#	YEAR	AGE	TOTAL INDEX CONTRIBUTION	CALENDAR YEAR	INDEX RETURN (GROSS)	INDEX RETURN (FLOOR & CAP)	INDEX RETURN (EFFECTIVE)	ANNUAL INCOME DRAWDOWNS	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	45		\$196,501	1971	12.42%	8.25%	8.25%	\$0	\$150,650	-\$415,993
2	46		\$196,501	1972	-1.92%	0.00%	0.00%	\$0	\$289,706	-\$223,345
3	47		\$196,501	1973	-41.40%	0.00%	0.00%	\$0	\$426,315	-\$32,451
4	48		\$196,501	1974	32.00%	8.25%	10.90%	\$0	\$621,755	\$217,736
5	49		\$196,501	1975	25.48%	8.25%	10.90%	\$0	\$835,466	\$487,118
6	50		\$196,501	1976	-8.28%	0.00%	0.00%	\$0	\$964,359	\$672,144
7	51		\$196,501	1977	6.23%	6.23%	9.03%	\$0	\$1,189,981	\$954,823
8	52		\$196,501	1978	6.61%	6.61%	9.59%	\$0	\$1,440,387	\$1,262,979
9	53		\$196,501	1979	14.76%	8.25%	10.90%	\$0	\$1,731,987	\$1,613,022
10	54		\$196,501	1980	-7.40%	0.00%	0.00%	\$0	\$1,849,866	\$1,790,037
11	55		\$196,501	1981	3.65%	3.65%	5.29%	\$0	\$2,109,491	\$2,109,491
12	56		\$0	1982	37.91%	8.25%	10.90%	\$0	\$2,301,342	\$2,301,342
13	57		\$0	1983	0.02%	0.02%	0.03%	\$0	\$2,264,619	\$2,264,619
14	58		\$0	1984	9.62%	8.25%	10.90%	\$0	\$2,469,095	\$2,469,095
15	59		\$0	1985	27.04%	8.25%	10.90%	\$0	\$2,692,001	\$2,692,001
16	60		\$0	1986	39.13%	8.25%	10.90%	\$0	\$2,935,009	\$2,935,009
17	61		\$0	1987	-15.51%	0.00%	0.00%	\$0	\$2,885,466	\$2,885,466
18	62		\$0	1988	28.41%	8.25%	10.90%	\$0	\$3,143,556	\$3,143,556
19	63		\$0	1989	-12.34%	0.00%	0.00%	\$0	\$3,087,925	\$3,087,925
20	64		\$0	1990	26.73%	8.25%	10.90%	\$0	\$3,360,541	\$3,360,541
21	65		\$0	1991	7.72%	7.72%	10.90%	\$0	\$3,656,675	\$3,656,675
22	66		\$0	1992	9.84%	8.25%	10.90%	\$0	\$3,978,524	\$3,978,524
23	67		\$0	1993	0.82%	0.82%	1.19%	\$0	\$3,949,897	\$3,949,897
24	68		\$0	1994	26.30%	8.25%	10.90%	\$0	\$4,293,305	\$4,293,305
25	69		\$0	1995	17.61%	8.25%	10.90%	\$0	\$4,665,771	\$4,665,771
26	70		\$0	1996	37.82%	8.25%	10.90%	\$0	\$5,070,032	\$5,070,032
27	71		\$0	1997	7.36%	7.36%	10.67%	\$0	\$5,497,980	\$5,497,980
28	72		\$0	1998	26.13%	8.25%	10.90%	\$0	\$5,974,239	\$5,974,239
29	73		\$0	1999	11.99%	8.25%	10.90%	\$0	\$6,491,645	\$6,491,645
30	74		\$0	2000	-27.54%	0.00%	0.00%	\$0	\$6,360,283	\$6,360,283
31	75		\$0	2001	-21.68%	0.00%	0.00%	\$0	\$6,224,418	\$6,224,418
32	76		\$0	2002	22.16%	8.25%	10.90%	\$0	\$6,747,103	\$6,747,103
33	77		\$0	2003	11.91%	8.25%	10.90%	\$0	\$7,314,170	\$7,314,170
34	78		\$0	2004	10.25%	8.25%	10.90%	\$0	\$7,929,696	\$7,929,696
35	79		\$0	2005	8.71%	8.25%	10.90%	\$0	\$8,598,281	\$8,598,281
36	80		\$0	2006	14.29%	8.25%	10.90%	\$0	\$9,325,172	\$9,325,172
37	81		\$0	2007	-23.61%	0.00%	0.00%	\$0	\$9,120,419	\$9,120,419
38	82		\$0	2008	-9.37%	0.00%	0.00%	\$0	\$8,906,585	\$8,906,585
39	83		\$0	2009	7.96%	7.96%	10.90%	\$0	\$9,629,824	\$9,629,824
40	84		\$0	2010	-0.86%	0.00%	0.00%	\$0	\$9,387,574	\$9,387,574

AVERAGE ANNUAL INCOME DRAWDOWN: **\$0**

WORST 40

RETIREMENT INCOME DRAWDOWN ASSUMPTIONS	
Drawdown Type:	PARTICIPATING
PLR:	5.00%
% of Previous Year's EOY Value Drawdown:	8.00%

TOTAL CLIENT OUTLAY:	-\$2,161,511
AVERAGE ANNUAL INCOME DRAWDOWN:	\$0
TOTAL INCOME DRAWDOWN:	\$0
40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$9,387,574
INCOME + 40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$9,387,574
RAW S&P 500 CAGR:	6.30%
40-YEAR NET ACCOUNT IRR:	4.26%

WORST 40-YEAR S&P CAGR PERIOD (OF 121 PERIODS ANALYZED)

The hypothetical models in this document assume certain crediting methods and index account charges that are purely hypothetical and do not represent any particular investment, life insurance policy or index fund. Hypothetical crediting methods, charges, values and returns are not guaranteed. Hypothetical returns used in this document are based on historical index returns that do not include dividends and are purely modeled as a hypothetical example of index volatility over a period of time for educational purposes and are not intended to convince someone to purchase any particular product.



MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)
NON-FINANCED HYPOTHETICAL SYNTHETIC ASSET

NON-LEVERAGED HYPOTHETICAL SYNTHETIC ASSET

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

Current Pre-Bonus Cap: **8.75%**

Current Post-Bonus Max Cap: **10.90%**

PAGE 29

Participation Rate: **100.00%**

Floor Modeled: **0.00%**

Pre-Bonus Cap Modeled: **8.25%**

Post-Bonus Max Cap Modeled: **10.90%**

8/26/2022

#	YEAR	AGE	TOTAL INDEX CONTRIBUTION	CALENDAR YEAR	INDEX RETURN (GROSS)	INDEX RETURN (FLOOR & CAP)	INDEX RETURN (EFFECTIVE)	ANNUAL INCOME DRAWDOWNS	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1982	45	\$196,501	1982	20.68%	8.25%	8.25%	\$0	\$150,650	-\$415,993
2	1983	46	\$196,501	1983	12.46%	8.25%	10.90%	\$0	\$321,284	-\$191,767
3	1984	47	\$196,501	1984	9.93%	8.25%	10.90%	\$0	\$507,453	\$48,687
4	1985	48	\$196,501	1985	17.90%	8.25%	10.90%	\$0	\$710,837	\$306,818
5	1986	49	\$196,501	1986	29.42%	8.25%	10.90%	\$0	\$933,270	\$584,922
6	1987	50	\$196,501	1987	-6.21%	0.00%	0.00%	\$0	\$1,061,185	\$768,970
7	1988	51	\$196,501	1988	15.72%	8.25%	10.90%	\$0	\$1,316,722	\$1,081,564
8	1989	52	\$196,501	1989	10.63%	8.25%	10.90%	\$0	\$1,596,789	\$1,419,381
9	1990	53	\$196,501	1990	4.51%	4.51%	6.54%	\$0	\$1,828,914	\$1,709,949
10	1991	54	\$196,501	1991	18.86%	8.25%	10.90%	\$0	\$2,157,919	\$2,098,090
11	1992	55	\$196,501	1992	7.34%	7.34%	10.64%	\$0	\$2,554,095	\$2,554,095
12	1993	56	\$0	1993	9.76%	8.25%	10.90%	\$0	\$2,789,477	\$2,789,477
13	1994	57	\$0	1994	-2.32%	0.00%	0.00%	\$0	\$2,747,280	\$2,747,280
14	1995	58	\$0	1995	35.20%	8.25%	10.90%	\$0	\$2,999,013	\$2,999,013
15	1996	59	\$0	1996	23.61%	8.25%	10.90%	\$0	\$3,273,804	\$3,273,804
16	1997	60	\$0	1997	24.69%	8.25%	10.90%	\$0	\$3,573,776	\$3,573,776
17	1998	61	\$0	1998	30.54%	8.25%	10.90%	\$0	\$3,901,291	\$3,901,291
18	1999	62	\$0	1999	8.97%	8.25%	10.90%	\$0	\$4,258,840	\$4,258,840
19	2000	63	\$0	2000	-2.04%	0.00%	0.00%	\$0	\$4,192,056	\$4,192,056
20	2001	64	\$0	2001	-17.26%	0.00%	0.00%	\$0	\$4,123,334	\$4,123,334
21	2002	65	\$0	2002	-24.29%	0.00%	0.00%	\$0	\$4,052,437	\$4,052,437
22	2003	66	\$0	2003	32.19%	8.25%	10.90%	\$0	\$4,413,035	\$4,413,035
23	2004	67	\$0	2004	4.43%	4.43%	6.43%	\$0	\$4,611,977	\$4,611,977
24	2005	68	\$0	2005	8.36%	8.25%	10.90%	\$0	\$5,020,210	\$5,020,210
25	2006	69	\$0	2006	12.36%	8.25%	10.90%	\$0	\$5,463,847	\$5,463,847
26	2007	70	\$0	2007	-4.15%	0.00%	0.00%	\$0	\$5,361,810	\$5,361,810
27	2008	71	\$0	2008	-40.09%	0.00%	0.00%	\$0	\$5,256,605	\$5,256,605
28	2009	72	\$0	2009	30.03%	8.25%	10.90%	\$0	\$5,709,231	\$5,709,231
29	2010	73	\$0	2010	19.76%	8.25%	10.90%	\$0	\$6,200,690	\$6,200,690
30	2011	74	\$0	2011	2.04%	2.04%	2.96%	\$0	\$6,252,219	\$6,252,219
31	2012	75	\$0	2012	14.15%	8.25%	10.90%	\$0	\$6,784,235	\$6,784,235
32	2013	76	\$0	2013	18.99%	8.25%	10.90%	\$0	\$7,361,732	\$7,361,732
33	2014	77	\$0	2014	11.92%	8.25%	10.90%	\$0	\$7,988,977	\$7,988,977
34	2015	78	\$0	2015	-2.74%	0.00%	0.00%	\$0	\$7,818,371	\$7,818,371
35	2016	79	\$0	2016	17.45%	8.25%	10.90%	\$0	\$8,476,056	\$8,476,056
36	2017	80	\$0	2017	23.91%	8.25%	10.90%	\$0	\$9,190,980	\$9,190,980
37	2018	81	\$0	2018	-4.41%	0.00%	0.00%	\$0	\$8,987,568	\$8,987,568
38	2019	82	\$0	2019	31.74%	8.25%	10.90%	\$0	\$9,731,545	\$9,731,545
39	2020	83	\$0	2020	18.38%	8.25%	10.90%	\$0	\$10,535,556	\$10,535,556
40	2021	84	\$0	2021	28.83%	8.25%	10.90%	\$0	\$11,405,232	\$11,405,232

AVERAGE ANNUAL INCOME DRAWDOWN: **\$0**

MOST RECENT 40

RETIREMENT INCOME DRAWDOWN ASSUMPTIONS	
Drawdown Type:	PARTICIPATING
PLR:	5.00%
% of Previous Year's EOY Value Drawdown:	8.00%

TOTAL CLIENT OUTLAY:	-\$2,161,511
AVERAGE ANNUAL INCOME DRAWDOWN:	\$0
TOTAL INCOME DRAWDOWN:	\$0
40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$11,405,232
INCOME + 40-YEAR ACCOUNT BALANCE (NET OF LOAN):	\$11,405,232
RAW S&P 500 CAGR:	9.99%
40-YEAR NET ACCOUNT IRR:	4.83%

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

The hypothetical models in this document assume certain crediting methods and index account charges that are purely hypothetical and do not represent any particular investment, life insurance policy or index fund. Hypothetical crediting methods, charges, values and returns are not guaranteed. Hypothetical returns used in this document are based on historical index returns that do not include dividends and are purely modeled as a hypothetical example of index volatility over a period of time for educational purposes and are not intended to convince someone to purchase any particular product.



ACCOUNT CHARGES + INDEX CREDITS + BONUSES

AN ANNUAL EXPLANATION OF POSITIVE & NEGATIVE ARBITRAGE

CHARGES & CREDITS

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
YEAR	ASSET-BASED CHARGES (%)	ASSET-BASED CHARGES (\$)	FIXED CHARGES (\$)	BACKTESTED YEAR	INDEX GROSS RETURN	INDEX CREDIT	MULTIPLIER BONUS (x)	INDEX CREDIT w/ MULTIPLIER	PERSISTENCY BONUS (+)	TOTAL INDEX CREDIT (%)	TOTAL INDEX CREDITS (\$)	TOTAL CHARGES (\$)	YEAR-END GAIN/LOSS (\$)	EOY VALUE AFTER CHARGES B4 CREDIT	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1.00%	-\$2,893	-\$54,440	1978	11.97%	8.25%	x 1.00	= 8.25%	+ 0.00%	= 8.25%	\$11,481	-\$57,333	-\$45,851	\$139,168	\$150,650	-\$415,993
2	1.00%	-\$1,994	-\$55,450	1979	14.24%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$31,578	-\$57,444	-\$25,866	\$289,706	\$321,284	-\$191,767
3	1.00%	-\$3,695	-\$56,513	1980	13.48%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$49,876	-\$60,208	-\$10,332	\$457,577	\$507,453	\$48,687
4	1.00%	-\$5,552	-\$57,430	1981	-7.06%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$62,982	-\$62,982	\$640,972	\$640,972	\$236,953
5	1.00%	-\$6,884	-\$58,214	1982	20.68%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$84,189	-\$65,098	\$19,091	\$772,375	\$856,564	\$508,216
6	1.00%	-\$9,037	-\$58,782	1983	12.46%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$107,392	-\$67,819	\$39,573	\$985,246	\$1,092,638	\$800,423
7	1.00%	-\$11,395	-\$59,300	1984	9.93%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$132,810	-\$70,695	\$62,115	\$1,218,444	\$1,351,254	\$1,116,096
8	1.00%	-\$13,979	-\$59,744	1985	17.90%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$160,670	-\$73,723	\$86,947	\$1,474,032	\$1,634,702	\$1,457,294
9	1.00%	-\$16,811	-\$60,265	1986	29.42%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$191,200	-\$77,076	\$114,124	\$1,754,127	\$1,945,327	\$1,826,362
10	1.00%	-\$19,914	-\$60,841	1987	-6.21%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$80,755	-\$80,755	\$2,061,073	\$2,061,073	\$2,001,244
11	1.00%	-\$22,463	-\$22,545	1988	15.72%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$241,170	-\$45,008	\$196,162	\$2,212,566	\$2,453,736	\$2,453,736
12	1.00%	-\$24,471	-\$13,312	1989	10.63%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$263,339	-\$77,783	\$225,556	\$2,415,953	\$2,679,292	\$2,679,292
13	1.00%	-\$26,721	-\$14,374	1990	4.51%	4.51%	x 1.45	= 6.54%	+ 0.00%	= 6.54%	\$172,624	-\$41,095	\$131,529	\$2,638,197	\$2,810,820	\$2,810,820
14	1.00%	-\$28,030	-\$15,636	1991	18.86%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$301,620	-\$43,666	\$257,954	\$2,767,154	\$3,068,774	\$3,068,774
15	1.00%	-\$30,602	-\$17,076	1992	7.34%	7.34%	x 1.45	= 10.64%	+ 0.00%	= 10.64%	\$321,488	-\$47,678	\$273,809	\$3,021,096	\$3,342,583	\$3,342,583
16	1.00%	-\$33,333	-\$18,638	1993	9.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$358,677	-\$51,971	\$306,706	\$3,290,613	\$3,649,290	\$3,649,290
17	1.00%	-\$36,391	-\$20,294	1994	-2.32%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$56,685	-\$56,685	\$3,592,604	\$3,592,604	\$3,592,604
18	1.00%	-\$35,815	-\$22,136	1995	35.20%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$385,277	-\$57,951	\$327,326	\$3,919,930	\$3,919,930	\$3,919,930
19	1.00%	-\$39,078	-\$24,317	1996	23.61%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$420,362	-\$63,395	\$356,968	\$3,856,535	\$4,276,898	\$4,276,898
20	1.00%	-\$42,634	-\$26,936	1997	24.69%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$458,599	-\$69,570	\$389,028	\$4,207,327	\$4,665,926	\$4,665,926
21	1.00%	-\$46,510	-\$29,813	1998	30.54%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$500,267	-\$76,323	\$423,944	\$4,589,603	\$5,089,869	\$5,089,869
22	1.00%	-\$50,735	-\$32,784	1999	8.97%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$545,692	-\$83,519	\$462,173	\$5,006,351	\$5,552,043	\$5,552,043
23	1.00%	-\$55,342	-\$35,637	2000	-2.04%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$90,979	-\$90,979	\$5,461,064	\$5,461,064	\$5,461,064
24	1.00%	-\$54,414	-\$39,264	2001	-17.26%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$93,678	-\$93,678	\$5,367,385	\$5,367,385	\$5,367,385
25	1.00%	-\$53,457	-\$43,401	2002	-24.29%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$96,858	-\$96,858	\$5,270,528	\$5,270,528	\$5,270,528
26	1.00%	-\$52,467	-\$47,637	2003	32.19%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$563,576	-\$100,104	\$463,472	\$5,170,423	\$5,734,000	\$5,734,000
27	1.00%	-\$57,081	-\$51,846	2004	4.43%	4.43%	x 1.45	= 6.43%	+ 0.00%	= 6.43%	\$361,550	-\$108,927	\$252,623	\$5,625,073	\$5,986,623	\$5,986,623
28	1.00%	-\$59,585	-\$56,231	2005	8.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$639,918	-\$115,816	\$524,102	\$5,870,807	\$6,510,724	\$6,510,724
29	1.00%	-\$64,801	-\$61,200	2006	12.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$695,935	-\$126,001	\$569,934	\$6,384,723	\$7,080,658	\$7,080,658
30	1.00%	-\$70,473	-\$66,779	2007	-4.15%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$137,252	-\$137,252	\$6,943,406	\$6,943,406	\$6,943,406
31	1.00%	-\$69,071	-\$72,626	2008	-40.09%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$141,697	-\$141,697	\$6,801,709	\$6,801,709	\$6,801,709
32	1.00%	-\$67,624	-\$78,614	2009	30.03%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$725,446	-\$146,238	\$579,208	\$6,655,471	\$7,380,918	\$7,380,918
33	1.00%	-\$73,385	-\$84,772	2010	19.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$787,281	-\$158,157	\$629,124	\$7,222,760	\$8,010,041	\$8,010,041
34	1.00%	-\$79,645	-\$91,172	2011	2.04%	2.04%	x 1.45	= 2.96%	+ 0.00%	= 2.96%	\$232,354	-\$170,817	\$61,538	\$7,839,225	\$8,071,579	\$8,071,579
35	1.00%	-\$80,227	-\$97,704	2012	14.15%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$860,408	-\$177,931	\$682,476	\$7,893,648	\$8,754,056	\$8,754,056
36	1.00%	-\$87,020	-\$104,188	2013	18.99%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$933,350	-\$191,208	\$742,143	\$8,562,848	\$9,496,198	\$9,496,198
37	1.00%	-\$94,402	-\$112,062	2014	11.92%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,012,581	-\$206,464	\$806,117	\$9,289,735	\$10,302,316	\$10,302,316
38	1.00%	-\$102,407	-\$123,246	2015	-2.74%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$225,653	-\$225,653	\$10,076,663	\$10,076,663	\$10,076,663
39	1.00%	-\$100,092	-\$134,853	2016	17.45%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,072,747	-\$234,945	\$837,802	\$9,841,717	\$10,914,465	\$10,914,465
40	1.00%	-\$108,411	-\$146,685	2017	23.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,161,871	-\$255,096	\$906,775	\$10,659,368	\$11,821,240	\$11,821,240

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

- ASSET-BASED CHARGES (%)** Account charges as a percentage of gross account value, after new TOTAL INDEX CONTRIBUTION and 100% BOY charges and 50% of remaining FIXED CHARGES (\$) are deducted.
- ASSET-BASED CHARGES (\$)** The previous year's EOY GROSS INDEX ACCUMULATED VALUE minus 100% BOY charges, minus 50% of remaining FIXED CHARGES (\$) multiplied by the ASSET-BASED CHARGES (%).
- FIXED CHARGES (\$)** Amounts taken from a real life product. These charges in a real life product would most likely not be fixed, as there would be some variable charges. This is merely a proxy for this category of charges.
- INDEX CREDIT** The after-floor after-cap index return, before any bonuses or participation rates are applied or credited. Caps are not guaranteed in a real world product. See actual product details for guarantees.
- MULTIPLIER BONUS (x)** A numerical number determined by a particular bonus schedule, multiplied by the basic after-floor, after-cap, INDEX CREDIT. This is not a guaranteed bonus amount. See actual product details for guarantees.
- INDEX CREDIT w/ MULTIPLIER** The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x). (e.g. If the MULTIPLIER BONUS (x) was 2.00, and the INDEX CREDIT was 10.00%, the INDEX CREDIT w/ MULTIPLIER would be 20.00%)
- PERSISTENCY BONUS (+)** A bonus credit added to the INDEX CREDIT. (e.g. If the INDEX CREDIT was 10.00% and the PERSISTENCY BONUS (+) was 0.50%, the TOTAL INDEX CREDIT (%) would be 10.50%)
- TOTAL INDEX CREDIT (%)** The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x) plus the PERSISTENCY BONUS (+).
- TOTAL INDEX CREDITS (\$)** The TOTAL INDEX CREDIT (%) multiplied by the EOY VALUE AFTER CHARGES B4 CREDIT.
- TOTAL CHARGES (\$)** The sum of the ASSET-BASED CHARGES (\$) and the FIXED CHARGES (\$).
- YEAR-END GAIN/LOSS (\$)** The EOY GROSS INDEX ACCUMULATED VALUE net gain or loss in each year based on the TOTAL INDEX CREDITS (\$) minus the TOTAL CHARGES (\$) in a given year.
- EOY VALUE AFTER CHARGES B4 CREDIT** The EOY account value after any new contributions in such year and after all charges have been subtracted from this cumulative value, before any index credits have been applied.
- EOY GROSS INDEX ACCUMULATED VALUE** The EOY account value after any new contributions, after any "Total Index Credits (\$)" have been added, and after the "Total Charges (\$)" have been subtracted.
- EOY INDEX VALUE NET OF INT & EXT LOANS** The EOY GROSS INDEX ACCUMULATED VALUE minus the third party Cumulative Loan Balance (if any), minus any internal cumulative loan balances as a result of Participating Loans.

CHARGES & CREDITS

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
YEAR	ASSET-BASED CHARGES (%)	ASSET-BASED CHARGES (\$)	FIXED CHARGES (\$)	BACKTESTED YEAR	INDEX GROSS RETURN	INDEX CREDIT	MULTIPLIER BONUS (x)	INDEX CREDIT w/ MULTIPLIER	PERSISTENCY BONUS (+)	TOTAL INDEX CREDIT (%)	TOTAL INDEX CREDITS (\$)	TOTAL CHARGES (\$)	YEAR-END GAIN/LOSS (\$)	EOY VALUE AFTER CHARGES B4 CREDIT	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1.00%	-\$2,893	-\$54,440	1971	12.42%	8.25%	x 1.00	= 8.25%	+ 0.00%	= 8.25%	\$11,481	-\$57,333	-\$45,851	\$139,168	\$150,650	-\$415,993
2	1.00%	-\$1,994	-\$55,450	1972	-1.92%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$57,444	-\$57,444	\$289,706	\$289,706	-\$223,345
3	1.00%	-\$3,380	-\$56,513	1973	-41.40%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$59,893	-\$59,893	\$426,315	\$426,315	-\$32,451
4	1.00%	-\$4,741	-\$57,430	1974	32.00%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$61,110	-\$62,171	-\$1,061	\$560,645	\$621,755	\$217,736
5	1.00%	-\$6,691	-\$58,214	1975	25.48%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$82,115	-\$64,905	\$17,210	\$753,351	\$835,466	\$487,118
6	1.00%	-\$8,826	-\$58,782	1976	-8.28%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$67,608	-\$67,608	\$964,359	\$964,359	\$672,144
7	1.00%	-\$10,112	-\$59,300	1977	6.23%	6.23%	x 1.45	= 9.03%	+ 0.00%	= 9.03%	\$98,533	-\$69,412	\$29,121	\$1,091,448	\$1,189,981	\$954,823
8	1.00%	-\$12,366	-\$59,744	1978	6.61%	6.61%	x 1.45	= 9.59%	+ 0.00%	= 9.59%	\$126,015	-\$72,110	\$53,905	\$1,314,372	\$1,440,387	\$1,262,979
9	1.00%	-\$14,868	-\$60,265	1979	14.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$170,231	-\$75,133	\$95,099	\$1,561,756	\$1,731,987	\$1,613,022
10	1.00%	-\$17,781	-\$60,841	1980	-7.40%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$78,622	-\$78,622	\$1,849,866	\$1,849,866	\$1,790,037
11	1.00%	-\$20,351	-\$22,545	1981	3.65%	3.65%	x 1.45	= 5.29%	+ 0.00%	= 5.29%	\$106,019	-\$42,896	\$63,123	\$2,003,472	\$2,109,491	\$2,109,491
12	1.00%	-\$21,028	-\$13,312	1982	37.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$226,191	-\$34,340	\$191,851	\$2,075,151	\$2,301,342	\$2,301,342
13	1.00%	-\$22,942	-\$14,374	1983	0.02%	0.02%	x 1.45	= 0.03%	+ 0.00%	= 0.03%	\$593	-\$37,316	-\$36,723	\$2,264,026	\$2,264,619	\$2,264,619
14	1.00%	-\$22,568	-\$15,636	1984	9.62%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$242,679	-\$38,204	\$204,475	\$2,226,415	\$2,469,095	\$2,469,095
15	1.00%	-\$24,606	-\$17,076	1985	27.04%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$264,588	-\$41,682	\$222,906	\$2,427,413	\$2,692,001	\$2,692,001
16	1.00%	-\$26,827	-\$18,638	1986	39.13%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$288,472	-\$45,465	\$243,008	\$2,646,536	\$2,935,009	\$2,935,009
17	1.00%	-\$29,249	-\$20,294	1987	-15.51%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$49,543	-\$49,543	\$2,885,466	\$2,885,466	\$2,885,466
18	1.00%	-\$28,744	-\$22,136	1988	28.41%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$308,970	-\$50,880	\$258,090	\$2,834,586	\$3,143,556	\$3,143,556
19	1.00%	-\$31,314	-\$24,317	1989	-12.34%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$55,631	-\$55,631	\$3,087,925	\$3,087,925	\$3,087,925
20	1.00%	-\$30,745	-\$26,936	1990	26.73%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$330,297	-\$57,681	\$272,616	\$3,030,245	\$3,360,541	\$3,360,541
21	1.00%	-\$33,456	-\$29,813	1991	7.72%	7.72%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$359,403	-\$63,269	\$296,133	\$3,297,272	\$3,656,675	\$3,656,675
22	1.00%	-\$36,403	-\$32,784	1992	9.84%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$391,036	-\$69,187	\$321,849	\$3,587,488	\$3,978,524	\$3,978,524
23	1.00%	-\$39,607	-\$35,637	1993	0.82%	0.82%	x 1.45	= 1.19%	+ 0.00%	= 1.19%	\$46,617	-\$75,244	-\$28,627	\$3,903,280	\$3,949,897	\$3,949,897
24	1.00%	-\$39,303	-\$39,264	1994	26.30%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$421,975	-\$78,567	\$343,408	\$3,871,330	\$4,293,305	\$4,293,305
25	1.00%	-\$42,716	-\$43,401	1995	17.61%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$458,583	-\$86,117	\$372,466	\$4,207,188	\$4,665,771	\$4,665,771
26	1.00%	-\$46,420	-\$47,637	1996	37.82%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$498,317	-\$94,057	\$404,260	\$4,571,715	\$5,070,032	\$5,070,032
27	1.00%	-\$50,441	-\$51,846	1997	7.36%	7.36%	x 1.45	= 10.67%	+ 0.00%	= 10.67%	\$530,235	-\$102,287	\$427,948	\$4,967,745	\$5,497,980	\$5,497,980
28	1.00%	-\$54,699	-\$56,231	1998	26.13%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$587,188	-\$110,930	\$476,259	\$5,387,050	\$5,974,239	\$5,974,239
29	1.00%	-\$59,436	-\$61,200	1999	11.99%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$638,043	-\$120,636	\$517,406	\$5,853,602	\$6,491,645	\$6,491,645
30	1.00%	-\$64,583	-\$66,779	2000	-27.54%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$131,362	-\$131,362	\$6,360,283	\$6,360,283	\$6,360,283
31	1.00%	-\$63,240	-\$72,626	2001	-21.68%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$135,866	-\$135,866	\$6,224,418	\$6,224,418	\$6,224,418
32	1.00%	-\$61,851	-\$78,614	2002	22.16%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$663,151	-\$140,465	\$522,686	\$6,083,953	\$6,747,103	\$6,747,103
33	1.00%	-\$67,047	-\$84,772	2003	11.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$718,886	-\$151,819	\$567,067	\$6,595,284	\$7,314,170	\$7,314,170
34	1.00%	-\$72,686	-\$91,172	2004	10.25%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$779,384	-\$163,858	\$615,526	\$7,150,312	\$7,929,696	\$7,929,696
35	1.00%	-\$78,808	-\$97,704	2005	8.71%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$845,097	-\$176,512	\$668,585	\$7,753,184	\$8,598,281	\$8,598,281
36	1.00%	-\$85,462	-\$104,188	2006	14.29%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$916,541	-\$189,650	\$726,891	\$8,408,631	\$9,325,172	\$9,325,172
37	1.00%	-\$92,691	-\$112,062	2007	-23.61%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$204,753	-\$204,753	\$9,120,419	\$9,120,419	\$9,120,419
38	1.00%	-\$90,588	-\$123,246	2008	-9.37%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$213,834	-\$213,834	\$8,906,585	\$8,906,585	\$8,906,585
39	1.00%	-\$86,392	-\$134,853	2009	7.96%	7.96%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$946,484	-\$223,245	\$723,239	\$8,683,340	\$9,629,824	\$9,629,824
40	1.00%	-\$95,565	-\$146,685	2010	-0.86%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$242,250	-\$242,250	\$9,387,574	\$9,387,574	\$9,387,574

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

- ASSET-BASED CHARGES (%)** Account charges as a percentage of gross account value, after new TOTAL INDEX CONTRIBUTION and 100% BOY charges and 50% of remaining FIXED CHARGES (\$) are deducted.
- ASSET-BASED CHARGES (\$)** The previous year's EOY GROSS INDEX ACCUMULATED VALUE minus 100% BOY charges, minus 50% of remaining FIXED CHARGES (\$) multiplied by the ASSET-BASED CHARGES (%).
- FIXED CHARGES (\$)** Amounts taken from a real life product. These charges in a real life product would most likely not be fixed, as there would be some variable charges. This is merely a proxy for this category of charges.
- INDEX CREDIT** The after-floor after-cap index return, before any bonuses or participation rates are applied or credited. Caps are not guaranteed in a real world product. See actual product details for guarantees.
- MULTIPLIER BONUS (x)** A numerical number determined by a particular bonus schedule, multiplied by the basic after-floor, after-cap, INDEX CREDIT. This is not a guaranteed bonus amount. See actual product details for guarantees.
- INDEX CREDIT w/ MULTIPLIER** The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x). (e.g. If the MULTIPLIER BONUS (x) was 2.00, and the INDEX CREDIT was 10.00%, the INDEX CREDIT w/ MULTIPLIER would be 20.00%)
- PERSISTENCY BONUS (+)** A bonus credit added to the INDEX CREDIT. (e.g. If the INDEX CREDIT was 10.00% and the PERSISTENCY BONUS (+) was 0.50%, the TOTAL INDEX CREDIT (%) would be 10.50%)
- TOTAL INDEX CREDIT (%)** The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x) plus the PERSISTENCY BONUS (+).
- TOTAL INDEX CREDITS (\$)** The TOTAL INDEX CREDIT (%) multiplied by the EOY VALUE AFTER CHARGES B4 CREDIT.
- TOTAL CHARGES (\$)** The sum of the ASSET-BASED CHARGES (\$) and the FIXED CHARGES (\$).
- YEAR-END GAIN/LOSS (\$)** The EOY GROSS INDEX ACCUMULATED VALUE net gain or loss in each year based on the TOTAL INDEX CREDITS (\$) minus the TOTAL CHARGES (\$) in a given year.
- EOY VALUE AFTER CHARGES B4 CREDIT** The EOY account value after any new contributions in such year and after all charges have been subtracted from this cumulative value, before any index credits have been applied.
- EOY GROSS INDEX ACCUMULATED VALUE** The EOY account value after any new contributions, after any "Total Index Credits (\$)" have been added, and after the "Total Charges (\$)" have been subtracted.
- EOY INDEX VALUE NET OF INT & EXT LOANS** The EOY GROSS INDEX ACCUMULATED VALUE minus the third party Cumulative Loan Balance (if any), minus any internal cumulative loan balances as a result of Participating Loans.

CHARGES & CREDITS

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
YEAR	ASSET-BASED CHARGES (%)	ASSET-BASED CHARGES (\$)	FIXED CHARGES (\$)	BACKTESTED YEAR	INDEX GROSS RETURN	INDEX CREDIT	MULTIPLIER BONUS (x)	INDEX CREDIT w/ MULTIPLIER	PERSISTENCY BONUS (+)	TOTAL INDEX CREDIT (%)	TOTAL INDEX CREDITS (\$)	TOTAL CHARGES (\$)	YEAR-END GAIN/LOSS (\$)	EOY VALUE AFTER CHARGES B4 CREDIT	EOY GROSS INDEX ACCUMULATED VALUE	EOY INDEX VALUE NET OF INT & EXT LOANS
1	1.00%	-\$2,893	-\$54,440	1982	20.68%	8.25%	x 1.00	= 8.25%	+ 0.00%	= 8.25%	\$11,481	-\$57,333	-\$45,851	\$139,168	\$150,650	-\$415,993
2	1.00%	-\$1,994	-\$55,450	1983	12.46%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$31,578	-\$57,444	-\$25,866	\$289,706	\$321,284	-\$191,767
3	1.00%	-\$3,695	-\$56,513	1984	9.93%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$49,876	-\$60,208	-\$10,332	\$457,577	\$507,453	\$48,687
4	1.00%	-\$5,552	-\$57,430	1985	17.90%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$69,866	-\$62,982	\$6,884	\$640,972	\$710,837	\$306,818
5	1.00%	-\$7,582	-\$58,214	1986	29.42%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$91,728	-\$65,796	\$25,932	\$841,542	\$933,270	\$584,922
6	1.00%	-\$9,804	-\$58,782	1987	-6.21%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$68,586	-\$68,586	\$1,061,185	\$1,061,185	\$768,970
7	1.00%	-\$11,080	-\$59,300	1988	15.72%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$129,416	-\$70,380	\$59,036	\$1,187,306	\$1,316,722	\$1,081,564
8	1.00%	-\$13,634	-\$59,744	1989	10.63%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$156,943	-\$73,378	\$83,566	\$1,439,846	\$1,596,789	\$1,419,381
9	1.00%	-\$16,432	-\$60,265	1990	4.51%	4.51%	x 1.45	= 6.54%	+ 0.00%	= 6.54%	\$112,321	-\$76,697	\$35,624	\$1,716,593	\$1,828,914	\$1,709,949
10	1.00%	-\$18,750	-\$60,841	1991	18.86%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$212,095	-\$79,591	\$132,504	\$1,945,824	\$2,157,919	\$2,098,090
11	1.00%	-\$23,431	-\$22,545	1992	7.34%	7.34%	x 1.45	= 10.64%	+ 0.00%	= 10.64%	\$245,651	-\$45,976	\$199,675	\$2,308,444	\$2,554,095	\$2,554,095
12	1.00%	-\$25,474	-\$13,312	1993	9.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$274,169	-\$38,786	\$235,382	\$2,515,309	\$2,789,477	\$2,789,477
13	1.00%	-\$27,823	-\$14,374	1994	-2.32%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$42,197	-\$42,197	\$2,747,280	\$2,747,280	\$2,747,280
14	1.00%	-\$27,395	-\$15,636	1995	35.20%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$294,763	-\$43,031	\$251,733	\$2,704,250	\$2,999,013	\$2,999,013
15	1.00%	-\$29,905	-\$17,076	1996	23.61%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$321,772	-\$46,981	\$274,791	\$2,952,032	\$3,273,804	\$3,273,804
16	1.00%	-\$32,645	-\$18,638	1997	24.69%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$351,255	-\$51,283	\$299,972	\$3,222,521	\$3,573,776	\$3,573,776
17	1.00%	-\$35,636	-\$20,294	1998	30.54%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$383,445	-\$55,930	\$327,515	\$3,517,845	\$3,901,291	\$3,901,291
18	1.00%	-\$38,902	-\$22,136	1999	8.97%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$418,588	-\$61,038	\$357,549	\$3,840,252	\$4,258,840	\$4,258,840
19	1.00%	-\$42,467	-\$24,317	2000	-2.04%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$66,784	-\$66,784	\$4,192,056	\$4,192,056	\$4,192,056
20	1.00%	-\$41,786	-\$26,936	2001	-17.26%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$68,722	-\$68,722	\$4,123,334	\$4,123,334	\$4,123,334
21	1.00%	-\$41,084	-\$29,813	2002	-24.29%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$70,897	-\$70,897	\$4,052,437	\$4,052,437	\$4,052,437
22	1.00%	-\$40,360	-\$32,784	2003	32.19%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$433,743	-\$73,144	\$360,598	\$3,979,292	\$4,413,035	\$4,413,035
23	1.00%	-\$43,952	-\$35,637	2004	4.43%	4.43%	x 1.45	= 6.43%	+ 0.00%	= 6.43%	\$278,531	-\$79,589	\$198,942	\$4,333,446	\$4,611,977	\$4,611,977
24	1.00%	-\$45,923	-\$39,264	2005	8.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$493,420	-\$85,187	\$408,233	\$4,526,790	\$5,020,210	\$5,020,210
25	1.00%	-\$49,985	-\$43,401	2006	12.36%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$537,024	-\$93,386	\$443,638	\$4,926,824	\$5,463,847	\$5,463,847
26	1.00%	-\$54,400	-\$47,637	2007	-4.15%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$102,037	-\$102,037	\$5,361,810	\$5,361,810	\$5,361,810
27	1.00%	-\$53,359	-\$51,846	2008	-40.09%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$105,205	-\$105,205	\$5,256,605	\$5,256,605	\$5,256,605
28	1.00%	-\$52,285	-\$56,231	2009	30.03%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$561,142	-\$108,516	\$452,626	\$5,148,089	\$5,709,231	\$5,709,231
29	1.00%	-\$56,786	-\$61,200	2010	19.76%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$609,446	-\$117,986	\$491,459	\$5,591,245	\$6,200,690	\$6,200,690
30	1.00%	-\$61,673	-\$66,779	2011	2.04%	2.04%	x 1.45	= 2.96%	+ 0.00%	= 2.96%	\$179,981	-\$128,452	\$51,529	\$6,072,238	\$6,252,219	\$6,252,219
31	1.00%	-\$62,159	-\$72,626	2012	14.15%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$666,800	-\$134,785	\$532,015	\$6,117,434	\$6,784,235	\$6,784,235
32	1.00%	-\$67,449	-\$78,614	2013	18.99%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$723,561	-\$146,063	\$577,497	\$6,638,171	\$7,361,732	\$7,361,732
33	1.00%	-\$73,193	-\$84,772	2014	11.92%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$785,211	-\$157,965	\$627,245	\$7,203,766	\$7,988,977	\$7,988,977
34	1.00%	-\$79,434	-\$91,172	2015	-2.74%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$170,606	-\$170,606	\$7,818,371	\$7,818,371	\$7,818,371
35	1.00%	-\$77,695	-\$97,704	2016	17.45%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$833,084	-\$175,399	\$657,685	\$7,642,972	\$8,476,056	\$8,476,056
36	1.00%	-\$84,240	-\$104,188	2017	23.91%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$903,351	-\$188,428	\$714,924	\$8,287,628	\$9,190,980	\$9,190,980
37	1.00%	-\$91,349	-\$112,062	2018	-4.41%	0.00%	x 1.45	= 0.00%	+ 0.00%	= 0.00%	\$0	-\$203,411	-\$203,411	\$8,987,568	\$8,987,568	\$8,987,568
38	1.00%	-\$89,259	-\$123,246	2019	31.74%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$956,482	-\$212,505	\$743,976	\$8,775,063	\$9,731,545	\$9,731,545
39	1.00%	-\$96,641	-\$134,853	2020	18.38%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,035,505	-\$231,494	\$804,011	\$9,500,050	\$10,535,556	\$10,535,556
40	1.00%	-\$104,622	-\$146,685	2021	28.83%	8.25%	x 1.45	= 10.90%	+ 0.00%	= 10.90%	\$1,120,983	-\$251,307	\$869,676	\$10,284,249	\$11,405,232	\$11,405,232

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

ASSET-BASED CHARGES (%) Account charges as a percentage of gross account value, after new TOTAL INDEX CONTRIBUTION and 100% BOY charges and 50% of remaining FIXED CHARGES (\$) are deducted.

ASSET-BASED CHARGES (\$) The previous year's EOY GROSS INDEX ACCUMULATED VALUE minus 100% BOY charges, minus 50% of remaining FIXED CHARGES (\$) multiplied by the ASSET-BASED CHARGES (%).

FIXED CHARGES (\$) Amounts taken from a real life product. These charges in a real life product would most likely not be fixed, as there would be some variable charges. This is merely a proxy for this category of charges.

INDEX CREDIT The after-floor after-cap index return, before any bonuses or participation rates are applied or credited. Caps are not guaranteed in a real world product. See actual product details for guarantees.

MULTIPLIER BONUS (x) A numerical number determined by a particular bonus schedule, multiplied by the basic after-floor, after-cap, INDEX CREDIT. This is not a guaranteed bonus amount. See actual product details for guarantees.

INDEX CREDIT w/ MULTIPLIER The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x). (e.g. If the MULTIPLIER BONUS (x) was 2.00, and the INDEX CREDIT was 10.00%, the INDEX CREDIT w/ MULTIPLIER would be 20.00%)

PERSISTENCY BONUS (+) A bonus credit added to the INDEX CREDIT. (e.g. If the INDEX CREDIT was 10.00% and the PERSISTENCY BONUS (+) was 0.50%, the TOTAL INDEX CREDIT (%) would be 10.50%)

TOTAL INDEX CREDIT (%) The INDEX CREDIT multiplied by the MULTIPLIER BONUS (x) plus the PERSISTENCY BONUS (+).

TOTAL INDEX CREDITS (\$) The TOTAL INDEX CREDIT (%) multiplied by the EOY VALUE AFTER CHARGES B4 CREDIT.

TOTAL CHARGES (\$) The sum of the ASSET-BASED CHARGES (\$) and the FIXED CHARGES (\$).

YEAR-END GAIN/LOSS (\$) The EOY GROSS INDEX ACCUMULATED VALUE net gain or loss in each year based on the TOTAL INDEX CREDITS (\$) minus the TOTAL CHARGES (\$) in a given year.

EOY VALUE AFTER CHARGES B4 CREDIT The EOY account value after any new contributions in such year and after all charges have been subtracted from this cumulative value, before any index credits have been applied.

EOY GROSS INDEX ACCUMULATED VALUE The EOY account value after any new contributions, after any "Total Index Credits (\$)" have been added, and after the "Total Charges (\$)" have been subtracted.

EOY INDEX VALUE NET OF INT & EXT LOANS The EOY GROSS INDEX ACCUMULATED VALUE minus the third party Cumulative Loan Balance (if any), minus any internal cumulative loan balances as a result of Participating Loans.



ACCOUNT LOANS

AN ANNUAL EXPLANATION OF INDEX LOAN DEBT ACCRUAL

INTERNAL ACCOUNT LOANS: PARTICIPATING PLR: 5.00%

YEAR	1 3RD PARTY PAYOFF USING PARTICIPATING LOAN	2 INCOME DRAWDOWNS PARTICIPATING LOANS	3 CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL	4 ACCRUED INTERNAL LOAN INTEREST	5 INDEX CREDIT AFTER CHARGES	6 CUMULATIVE INTERNAL DEBT BALANCE	7 CUMULATIVE INDEXED LOAN ACCOUNT VALUE	8 CUMULATIVE PAR LOAN GAIN/LOSS	9 EOY GROSS INDEX ACCUMULATED VALUE	10 EOY INDEX VALUE NET OF INT & EXT LOANS
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,650	-\$415,993
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$321,284	-\$191,767
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$507,453	\$48,687
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$640,972	\$236,953
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$856,564	\$508,216
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,092,638	\$800,423
7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,351,254	\$1,116,096
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,634,702	\$1,457,294
9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,945,327	\$1,826,362
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,061,073	\$2,001,244
11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,453,736	\$2,453,736
12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,679,292	\$2,679,292
13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,810,820	\$2,810,820
14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,068,774	\$3,068,774
15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,342,583	\$3,342,583
16	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,649,290	\$3,649,290
17	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,592,604	\$3,592,604
18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,919,930	\$3,919,930
19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,276,898	\$4,276,898
20	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,665,926	\$4,665,926
21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,089,869	\$5,089,869
22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,552,043	\$5,552,043
23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,461,064	\$5,461,064
24	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,367,385	\$5,367,385
25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,270,528	\$5,270,528
26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,734,000	\$5,734,000
27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,986,623	\$5,986,623
28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,510,724	\$6,510,724
29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,080,658	\$7,080,658
30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,943,406	\$6,943,406
31	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,801,709	\$6,801,709
32	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,380,918	\$7,380,918
33	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,010,041	\$8,010,041
34	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,071,579	\$8,071,579
35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,754,056	\$8,754,056
36	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,496,198	\$9,496,198
37	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,302,316	\$10,302,316
38	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,076,663	\$10,076,663
39	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,914,465	\$10,914,465
40	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,821,240	\$11,821,240

BEST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 2/1/1978)

INTERNAL ACCOUNT LOANS: PARTICIPATING PLR: 5.00%

- 3RD PARTY PAYOFF USING PARTICIPATING LOAN** The index value used to payoff the 3rd party premium financing loan. This can be done with either a withdrawal or a participating loan.
- INCOME DRAWDOWNS PARTICIPATING LOANS** These are drawdown modeling requests made by the client for supplemental retirement income. These can be done with either fixed loans or participating loans.
- CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL** The running YTD total internal loan, including all drawdowns, plus the accrued interest on the drawdowns.
- ACCRUED INTERNAL LOAN INTEREST** The interest due each year on the internal loans, including the drawdown principal AND the accrued/compounded interest from previous years.
- INDEX CREDIT AFTER CHARGES** The net dollar interest gained each year on the funds moved to the INDEX LOAN ACCOUNT (after charges) assuming participating loans are credited based on the INDEX CREDIT with no bonuses.
- CUMULATIVE INTERNAL DEBT BALANCE** The running YTD total of accrued internal debt from internal loans, including the accrued interest.
- CUMULATIVE INDEXED LOAN ACCOUNT VALUE** The running YTD total of accumulated funds in the INDEX LOAN ACCOUNT as a result of the participating loans leaving the primary index account, including index credit gains, minus charges on these particular funds.
- CUMULATIVE PAR LOAN GAIN/LOSS** The running YTD cumulative net gain or loss as a result of Participating Loans (the CUMULATIVE INTERNAL DEBT BALANCE plus the CUMULATIVE INDEXED LOAN ACCOUNT VALUE).
- EOY GROSS INDEX ACCUMULATED VALUE** The indexed accumulated value, not including any surrender charges, internal loans, or 3rd party lender debt.
- EOY INDEX VALUE NET OF INT & EXT LOANS** The indexed accumulated value, minus any surrender charges, internal loans, and 3rd party lender debt.

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

INTERNAL ACCOUNT LOANS: PARTICIPATING PLR: 5.00%

YEAR	1 3RD PARTY PAYOFF USING PARTICIPATING LOAN	2 INCOME DRAWDOWNS PARTICIPATING LOANS	3 CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL	4 ACCRUED INTERNAL LOAN INTEREST	5 INDEX CREDIT AFTER CHARGES	6 CUMULATIVE INTERNAL DEBT BALANCE	7 CUMULATIVE INDEXED LOAN ACCOUNT VALUE	8 CUMULATIVE PAR LOAN GAIN/LOSS	9 EOY GROSS INDEX ACCUMULATED VALUE	10 EOY INDEX VALUE NET OF INT & EXT LOANS
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,650	-\$415,993
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$289,706	-\$223,345
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$426,315	-\$32,451
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$621,755	\$217,736
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$835,466	\$487,118
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$964,359	\$672,144
7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,189,981	\$954,823
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,440,387	\$1,262,979
9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,731,987	\$1,613,022
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,849,866	\$1,790,037
11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,109,491	\$2,109,491
12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,301,342	\$2,301,342
13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,264,619	\$2,264,619
14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,469,095	\$2,469,095
15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,692,001	\$2,692,001
16	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,935,009	\$2,935,009
17	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,885,466	\$2,885,466
18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,143,556	\$3,143,556
19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,087,925	\$3,087,925
20	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,360,541	\$3,360,541
21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,656,675	\$3,656,675
22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,978,524	\$3,978,524
23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,949,897	\$3,949,897
24	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,293,305	\$4,293,305
25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,665,771	\$4,665,771
26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,070,032	\$5,070,032
27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,497,980	\$5,497,980
28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,974,239	\$5,974,239
29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,491,645	\$6,491,645
30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,360,283	\$6,360,283
31	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,224,418	\$6,224,418
32	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,747,103	\$6,747,103
33	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,314,170	\$7,314,170
34	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,929,696	\$7,929,696
35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,598,281	\$8,598,281
36	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,325,172	\$9,325,172
37	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,120,419	\$9,120,419
38	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,906,585	\$8,906,585
39	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,629,824	\$9,629,824
40	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,387,574	\$9,387,574

WORST PRE-PANDEMIC CAGR 40-YEAR PERIOD OUT OF 121 DIFFERENT INDEX PERIODS ANALYZED (STARTING 10/1/1971)

INTERNAL ACCOUNT LOANS: PARTICIPATING PLR: 5.00%

- 3RD PARTY PAYOFF USING PARTICIPATING LOAN** The index value used to payoff the 3rd party premium financing loan. This can be done with either a withdrawal or a participating loan.
- INCOME DRAWDOWNS PARTICIPATING LOANS** These are drawdown modeling requests made by the client for supplemental retirement income. These can be done with either fixed loans or participating loans.
- CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL** The running YTD total internal loan, including all drawdowns, plus the accrued interest on the drawdowns.
- ACCRUED INTERNAL LOAN INTEREST** The interest due each year on the internal loans, including the drawdown principal AND the accrued/compounded interest from previous years.
- INDEX CREDIT AFTER CHARGES** The net dollar interest gained each year on the funds moved to the INDEX LOAN ACCOUNT (after charges) assuming participating loans are credited based on the INDEX CREDIT with no bonuses.
- CUMULATIVE INTERNAL DEBT BALANCE** The running YTD total of accrued internal debt from internal loans, including the accrued interest.
- CUMULATIVE INDEXED LOAN ACCOUNT VALUE** The running YTD total of accumulated funds in the INDEX LOAN ACCOUNT as a result of the participating loans leaving the primary index account, including index credit gains, minus charges on these particular funds.
- CUMULATIVE PAR LOAN GAIN/LOSS** The running YTD cumulative net gain or loss as a result of Participating Loans (the CUMULATIVE INTERNAL DEBT BALANCE plus the CUMULATIVE INDEXED LOAN ACCOUNT VALUE).
- EOY GROSS INDEX ACCUMULATED VALUE** The indexed accumulated value, not including any surrender charges, internal loans, or 3rd party lender debt.
- EOY INDEX VALUE NET OF INT & EXT LOANS** The indexed accumulated value, minus any surrender charges, internal loans, and 3rd party lender debt.



MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

INTERNAL ACCOUNT LOANS: PARTICIPATING PLR: 5.00%

YEAR	1 3RD PARTY PAYOFF USING PARTICIPATING LOAN	2 INCOME DRAWDOWNS PARTICIPATING LOANS	3 CUMULATIVE ACCRUED INTERNAL LOAN PRINCIPAL	4 ACCRUED INTERNAL LOAN INTEREST	5 INDEX CREDIT AFTER CHARGES	6 CUMULATIVE INTERNAL DEBT BALANCE	7 CUMULATIVE INDEXED LOAN ACCOUNT VALUE	8 CUMULATIVE PAR LOAN GAIN/LOSS	9 EOY GROSS INDEX ACCUMULATED VALUE	10 EOY INDEX VALUE NET OF INT & EXT LOANS
1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,650	-\$415,993
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$321,284	-\$191,767
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$507,453	\$48,687
4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$710,837	\$306,818
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$933,270	\$584,922
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,061,185	\$768,970
7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,316,722	\$1,081,564
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,596,789	\$1,419,381
9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,828,914	\$1,709,949
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,157,919	\$2,098,090
11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,554,095	\$2,554,095
12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,789,477	\$2,789,477
13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,747,280	\$2,747,280
14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,999,013	\$2,999,013
15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,273,804	\$3,273,804
16	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,573,776	\$3,573,776
17	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,901,291	\$3,901,291
18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,258,840	\$4,258,840
19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,192,056	\$4,192,056
20	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,123,334	\$4,123,334
21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,052,437	\$4,052,437
22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,413,035	\$4,413,035
23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,611,977	\$4,611,977
24	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,020,210	\$5,020,210
25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,463,847	\$5,463,847
26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,361,810	\$5,361,810
27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,256,605	\$5,256,605
28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,709,231	\$5,709,231
29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,200,690	\$6,200,690
30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,252,219	\$6,252,219
31	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,784,235	\$6,784,235
32	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,361,732	\$7,361,732
33	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,988,977	\$7,988,977
34	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,818,371	\$7,818,371
35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,476,056	\$8,476,056
36	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,190,980	\$9,190,980
37	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,987,568	\$8,987,568
38	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,731,545	\$9,731,545
39	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,535,556	\$10,535,556
40	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,405,232	\$11,405,232

MOST RECENT 40-YEAR PERIOD (1/01/1982-12/31/2021)

INTERNAL ACCOUNT LOANS: PARTICIPATING PLR: 5.00%

- 3RD PARTY PAYOFF USING PARTICIPATING LOAN** The index value used to payoff the 3rd party premium financing loan. This can be done with either a withdrawal or a participating loan.
- INCOME DRAWDOWNS PARTICIPATING LOANS** These are drawdown modeling requests made by the client for supplemental retirement income. These can be done with either fixed loans or participating loans.
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- INDEX CREDIT AFTER CHARGES** The net dollar interest gained each year on the funds moved to the INDEX LOAN ACCOUNT (after charges) assuming participating loans are credited based on the INDEX CREDIT with no bonuses.
- CUMULATIVE INTERNAL DEBT BALANCE** The running YTD total of accrued internal debt from internal loans, including the accrued interest.
- CUMULATIVE INDEXED LOAN ACCOUNT VALUE** The running YTD total of accumulated funds in the INDEX LOAN ACCOUNT as a result of the participating loans leaving the primary index account, including index credit gains, minus charges on these particular funds.
- CUMULATIVE PAR LOAN GAIN/LOSS** The running YTD cumulative net gain or loss as a result of Participating Loans (the CUMULATIVE INTERNAL DEBT BALANCE plus the CUMULATIVE INDEXED LOAN ACCOUNT VALUE).
- EOY GROSS INDEX ACCUMULATED VALUE** The indexed accumulated value, not including any surrender charges, internal loans, or 3rd party lender debt.
- EOY INDEX VALUE NET OF INT & EXT LOANS** The indexed accumulated value, minus any surrender charges, internal loans, and 3rd party lender debt.

CLIENT CONFIRMATION OF UNDERSTANDING THIS DOCUMENT

I understand that this document models hypothetical synthetic asset(s) that represent proxies for some real world products, and are not depictions of the actual real world products whatsoever. I understand that the various elements and assumptions made in this document including but not limited to the hypothetical contributions, hypothetical performance, hypothetical index returns, hypothetical crediting methods, hypothetical static charges, hypothetical asset-based charges, hypothetical asset values, hypothetical lender borrowing rates, hypothetical borrowing rate components, hypothetical borrowing rate increases, and hypothetical loan fees are merely fictitious and modeled for the purpose of deepening my understanding of how such elements may hypothetically affect outcomes over time.

I understand that this document and the data depicted within should not be used to determine my decision to invest in any investment fund or purchase and sort of insurance-related product, and that I should refer to the compliance-approved prospectus or insurance carrier illustration. I understand that I should consult my trusted advisors, including but not limited to my financial advisor, insurance agent, CPA, estate planning attorney, to seek advice on investing in any sort of investment or purchasing any sort of insurance product.

I understand that Lionsmark Capital is a data analytics company that merely models a range of outcomes based on hypothetical data inputted into its system, that this document reflects such hypothetical outcomes, and agree that I shall hold harmless Lionsmark Capital, DSC Advisor, and Darren T. Sugiyama as an individual, for any outcomes that may result from my own decision to invest in specific investments or purchase specific insurance products.

I understand that Lionsmark Capital has used this hypothetical modeling document for the purposes of educating me and my advisors on how certain charges, crediting methods, and utilization of a third party lender's capital may affect outcomes over time. I attest that I have been shown less than desirable sequences of returns from historical 40-year periods, and that I was specifically shown the 40-year period that produced the worst compounded annual growth rate out of the 121 different 40-year periods analyzed. I also understand that this "Worst 40" is not the "worst possible case scenario," and that it is in fact possible that any future 40-year periods could produce an even worse outcome than the "Worst 40" version depicted in this document. I also understand that the "Best 40" period produced the best compounded annual growth rate out of the 121 different 40-year periods analyzed, and that this "Best 40" is not the "best possible case scenario," and that it is possible that any future 40-year periods could in fact produce an even better outcome than the "Best 40" version depicted in this document.

INTERESTED PARTY:
M45 - PEIACR \$10MM

CLIENT ADVISOR:
Darren Sugiyama

signature *date*

signature *date*

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