## Survivor Needs Analysis

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Presented By:
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## Survivor Needs Analysis

## Preface

In the accompanying material, you will find an analysis of your financial goals for your family compared to the assets/benefits you have indicated are available to meet those goals.

The report is in four parts:

1. A summary of the analysis;
2. A review of financial goals;
3. A review of expected assets/benefits;
4. Survivor needs analysis calculations.

The precision of the analysis is dependent upon the accuracy of the financial data utilized, and you should be certain it is an accurate reflection of your
current economic expectations.
It is important to understand that what is presented is a current "snapshot" of your financial picture, and some of the premises and conditions on which the calculations are based may change.

You should arrange for an annual review to evaluate the consequences of any changes to the assumptions as this will assure that you have timely access to this critically important planning information.


[^0]
## Survivor Needs Analysis

Flow Chart


## Survivor Needs Analysis

## Summary

|  | First <br> Year |  | Total for <br> All Years |
| :--- | ---: | ---: | ---: |
| Financial Goals |  |  |  |
| For Final Expenses | 20,000 | 20,000 |  |
| For Mortgages | 307,774 | 307,774 |  |
| For an Emergency Fund | 100,000 | 100,000 |  |
| For Education | 0 | 242,880 |  |
| For Family Income | 41,200 | $3,106,531$ |  |
| Total Financial Goals | $\$ 468,974$ | $\$ 3,777,185$ |  |
|  |  |  |  |
| Expected Assets/Benefits | 740,000 | 740,000 |  |
| Liquid Assets* | 39,358 | $1,049,585$ |  |
| Social Security - Adj. for Cost of Living @ 3.00\% | 18,020 | 662,874 |  |
| Kristin's After Tax Earned Income | 0 | 288,630 |  |
| After Tax Income from Kristin's 401(k) | $\$ 797,378$ | $\$ 2,741,089$ |  |

*Cash and cash equivalents of $\$ 240,000$ plus proceeds of current life insurance of $\$ 500,000$.

## Conclusion and Recommendation

We have compared the year-by-year relationship between your financial goals and expected assets/benefits.

Based on your assumptions, your expected assets/benefits are not sufficient to meet all of your financial goals. For you to eliminate this shortfall, you should secure additional life insurance in the amount of $\$ 300,000$.

## Survivor Needs Analysis

## Desired Financial Goals

| Year Following Death | (1) <br> Immediate Cash Needs* | (2) <br> For <br> Education | (3) <br> For Family Income | (4) <br> Financial Goals Desired |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 427,774 | 0 | 41,200 | 468,974 |
| 2 | 0 | 0 | 42,436 | 42,436 |
| 3 | 0 | 0 | 43,709 | 43,709 |
| 4 | 0 | 0 | 45,020 | 45,020 |
| 5 | 0 | 0 | 46,371 | 46,371 |
| 6 | 0 | 26,802 | 47,762 | 74,564 |
| 7 | 0 | 28,142 | 49,195 | 77,337 |
| 8 | 0 | 59,098 | 50,671 | 109,769 |
| 9 | 0 | 62,053 | 52,191 | 114,244 |
| 10 | 0 | 32,578 | 53,757 | 86,335 |
| 11 | 0 | 34,207 | 55,369 | 89,576 |
| 12 | 0 | 0 | 57,030 | 57,030 |
| 13 | 0 | 0 | 58,741 | 58,741 |
| 14 | 0 | 0 | 60,504 | 60,504 |
| 15 | 0 | 0 | 62,319 | 62,319 |
| 16 | 0 | 0 | 64,188 | 64,188 |
| 17 | 0 | 0 | 66,114 | 66,114 |
| 18 | 0 | 0 | 68,097 | 68,097 |
| 19 | 0 | 0 | 70,140 | 70,140 |
| 20 | 0 | 0 | 72,244 | 72,244 |
| 21 | 0 | 0 | 74,412 | 74,412 |
| 22 | 0 | 0 | 76,644 | 76,644 |
| 23 | 0 | 0 | 78,943 | 78,943 |
| 24 | 0 | 0 | 81,312 | 81,312 |
| 25 | 0 | 0 | 83,751 | 83,751 |
| 26 | 0 | 0 | 86,264 | 86,264 |
| 27 | 0 | 0 | 88,852 | 88,852 |
| 28 | 0 | 0 | 91,517 | 91,517 |
| 29 | 0 | 0 | 94,263 | 94,263 |
| 30 | 0 | 0 | 97,091 | 97,091 |
|  | 427,774 | 242,880 | 1,960,107 | 2,630,761 |

[^1]Column (2) includes a cost of living adjustment of $5.00 \%$.
Column (3) includes a cost of living adjustment of $3.00 \%$.

## Survivor Needs Analysis

## Desired Financial Goals

| Year Following Death | (1) Immediate Cash Needs* | (2) <br> For Education | (3) <br> For Family Income | (4) <br> Financial Goals Desired |
| :---: | :---: | :---: | :---: | :---: |
| 31 | 0 | 0 | 100,003 | 100,003 |
| 32 | 0 | 0 | 103,003 | 103,003 |
| 33 | 0 | 0 | 106,093 | 106,093 |
| 34 | 0 | 0 | 109,276 | 109,276 |
| 35 | 0 | 0 | 112,555 | 112,555 |
| 36 | 0 | 0 | 115,931 | 115,931 |
| 37 | 0 | 0 | 119,409 | 119,409 |
| 38 | 0 | 0 | 122,991 | 122,991 |
| 39 | 0 | 0 | 126,681 | 126,681 |
| 40 | 0 | 0 | 130,482 | 130,482 |

427,774
$\quad$
$3,106,531$

[^2]Column (2) includes a cost of living adjustment of $5.00 \%$.
Column (3) includes a cost of living adjustment of $3.00 \%$.

## Survivor Needs Analysis

## Expected Assets/Benefits

| Year Following Death | (1) <br> Liquid <br> Assets** | (2) <br> After <br> Tax Income <br> from <br> Social <br> Security | (3) <br> Kristin's <br> After <br> Tax Earned <br> Income | (4) <br> After <br> Tax Income <br> from <br> Kristin's <br> 401(k) | (5) <br> Expected Assets and Benefits |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 740,000 | 39,358 | 18,020 | 0 | 797,378 |
| 2 | 0 | 40,268 | 19,101 | 0 | 59,369 |
| 3 | 0 | 41,476 | 20,247 | 0 | 61,723 |
| 4 | 0 | 42,721 | 21,462 | 0 | 64,183 |
| 5 | 0 | 44,002 | 22,750 | 0 | 66,752 |
| 6 | 0 | 20,719 | 24,115 | 0 | 44,834 |
| 7 | 0 | 21,341 | 25,562 | 0 | 46,903 |
| 8 | 0 | 0 | 27,095 | 0 | 27,095 |
| 9 | 0 | 0 | 28,721 | 0 | 28,721 |
| 10 | 0 | 0 | 30,444 | 0 | 30,444 |
| 11 | 0 | 0 | 32,271 | 0 | 32,271 |
| 12 | 0 | 0 | 34,207 | 0 | 34,207 |
| 13 | 0 | 0 | 36,260 | 0 | 36,260 |
| 14 | 0 | 0 | 38,435 | 0 | 38,435 |
| 15 | 0 | 0 | 40,741 | 0 | 40,741 |
| 16 | 0 | 0 | 43,186 | 0 | 43,186 |
| 17 | 0 | 0 | 45,777 | 0 | 45,777 |
| 18 | 0 | 0 | 48,524 | 0 | 48,524 |
| 19 | 0 | 0 | 51,435 | 0 | 51,435 |
| 20 | 0 | 0 | 54,521 | 0 | 54,521 |
| 21 | 0 | 0 | 0 | 14,490 | 14,490 |
| 22 | 0 | 0 | 0 | 14,490 | 14,490 |
| 23 | 0 | 0 | 0 | 14,490 | 14,490 |
| 24 | 0 | 36,748 | 0 | 14,490 | 51,238 |
| 25 | 0 | 37,851 | 0 | 14,490 | 52,341 |
| 26 | 0 | 38,986 | 0 | 14,490 | 53,476 |
| 27 | 0 | 40,156 | 0 | 14,490 | 54,646 |
| 28 | 0 | 41,360 | 0 | 14,490 | 55,850 |
| 29 | 0 | 42,601 | 0 | 14,490 | 57,091 |
| 30 | 0 | 43,879 | 0 | 14,490 | 58,369 |
|  | 740,000 | 531,466 | 662,874 | 144,900 | 2,079,240 |

*Cash and cash equivalents of $\$ 240,000$ plus proceeds of current life insurance of $\$ 500,000$.
Column (2) includes a cost of living adjustment of $3.00 \%$.
Column (3) includes a cost of living adjustment of $6.00 \%$.

## Survivor Needs Analysis

## Expected Assets/Benefits

| Year Following Death | (1) <br> Liquid Assets** | $(2)$ <br> After <br> Tax Income <br> from <br> Social <br> Security | (3) <br> Kristin's <br> After <br> Tax Earned <br> Income | (4) <br> After <br> Tax Income <br> from <br> Kristin's <br> 401(k) | (5) <br> Expected Assets and Benefits |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 31 | 0 | 45,196 | 0 | 14,490 | 59,686 |
| 32 | 0 | 46,552 | 0 | 14,490 | 61,042 |
| 33 | 0 | 47,948 | 0 | 14,490 | 62,438 |
| 34 | 0 | 49,387 | 0 | 14,490 | 63,877 |
| 35 | 0 | 50,868 | 0 | 14,490 | 65,358 |
| 36 | 0 | 52,394 | 0 | 14,490 | 66,884 |
| 37 | 0 | 53,966 | 0 | 14,490 | 68,456 |
| 38 | 0 | 55,585 | 0 | 14,490 | 70,075 |
| 39 | 0 | 57,253 | 0 | 14,490 | 71,743 |
| 40 | 0 | 58,970 | 0 | 13,320 | 72,290 |

$\overline{740,000} \overline{1,049,585} \overline{662,874} \overline{288,630} \overline{2,741,089}$
*Cash and cash equivalents of $\$ 240,000$ plus proceeds of current life insurance of $\$ 500,000$.
Column (2) includes a cost of living adjustment of $3.00 \%$.
Column (3) includes a cost of living adjustment of $6.00 \%$.

## Survivor Needs Analysis

## Asset Analysis

Survivor's
Assumed
Tax Bracket
$28.00 \%$
Survivor's
Assumed Asset
Interest Rate
$5.00 \%$

| Total | Additional |
| :---: | :---: |
| Cash Flow | Asset |
| Required | Required |
| $1,036,096$ | 300,000 |



| Asset Activity Required |  |  |
| :---: | :---: | :---: |
| (4) <br> Beginning of Year Balance in Additional Asset* | (5) <br> Balance in Additional Asset to Accrue (4) - (3) | (6) <br> Year End <br> After Tax <br> Accrual <br> Value of Add'I Asset |
| 300,000 | 628,404 | 651,027 |
| 651,027 | 667,960 | 692,007 |
| 692,007 | 710,021 | 735,581 |
| 735,581 | 754,744 | 781,915 |
| 781,915 | 802,296 | 831,179 |
| 831,179 | 801,449 | 830,301 |
| 830,301 | 799,867 | 828,662 |
| 828,662 | 745,988 | 772,844 |
| 772,844 | 687,321 | 712,064 |
| 712,064 | 656,173 | 679,796 |
| 679,796 | 622,491 | 644,900 |
| 644,900 | 622,077 | 644,472 |
| 644,472 | 621,991 | 644,383 |
| 644,383 | 622,314 | 644,717 |
| 644,717 | 623,139 | 645,572 |
| 645,572 | 624,570 | 647,054 |
| 647,054 | 626,717 | 649,279 |
| 649,279 | 629,706 | 652,376 |
| 652,376 | 633,671 | 656,483 |
| 656,483 | 638,760 | 661,755 |
| 661,755 | 601,833 | 623,499 |
| 623,499 | 561,345 | 581,554 |
| 581,554 | 517,101 | 535,716 |
| 535,716 | 505,642 | 523,845 |
| 523,845 | 492,435 | 510,163 |
| 510,163 | 477,375 | 494,561 |
| 494,561 | 460,355 | 476,927 |
| 476,927 | 441,260 | 457,146 |
| 457,146 | 419,974 | 435,093 |
| 435,093 | 396,371 | 410,640 |

This table shows escrow calculations (columns 4, 5, 6) necessary to generate the cash flow shown in column (3).
Calculation formulas are:
Column (5) $=$ column (4) minus column (3)
Column (6) $=$ column (5) plus after tax interest credit
*The source of the beginning balance shown in this column is either the allocation of other assets made available or the assumed proceeds of the recommended additional life insurance.

The above calculations are based on financial data and assumptions furnished by the client.

## Survivor Needs Analysis

## Asset Analysis



This table shows escrow calculations (columns 4, 5, 6) necessary to generate the cash flow shown in column (3).
Calculation formulas are:
Column (5) $=$ column (4) minus column (3)
Column (6) $=$ column (5) plus after tax interest credit
*The source of the beginning balance shown in this column is either the allocation of other assets made available or the assumed proceeds of the recommended additional life insurance.

The above calculations are based on financial data and assumptions furnished by the client.

40 Year Residual Value Summary

## Survivor Needs Analysis

## A Look at Year 40

## Cumulative <br> Financial Goals



Cumulative Expected Assets/Benefits

Cash Flow
Shortfall

Life Insurance Needed to Eliminate Shortfall ${ }^{1}$


## Survivor Needs Analysis

Year 40


[^3]
[^0]:    ${ }^{1}$ Life insurance needed is a function of cash flow shortfall adjusted for time/use of money.

[^1]:    *Immediate Cash Needs include:
    \$20,000 for Final Expenses
    \$307,774 for Mortgages \$100,000 for an Emergency Fund

[^2]:    *Immediate Cash Needs include:
    \$20,000 for Final Expenses
    \$307,774 for Mortgages \$100,000 for an Emergency Fund

[^3]:    ${ }^{1}$ Life insurance needed is a function of cash flow shortfall adjusted for time/use of money.

