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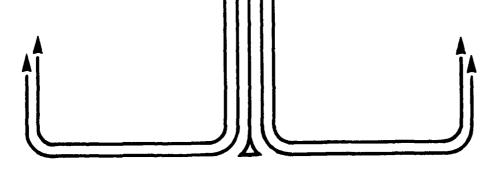
AIR COMMAND AND STAFF COLLEGE

-STUDENT REPORT

ESTATE PLANNING FOR YOUR SURVIVORS

MAJOR CORNELIUS EDWARD KUIPER 85-1510

-"insights into tomorrow"



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SUBJECT Security & Policy Review

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The attached article/manuscript titled: " FSTate Planning for your Survivors "by Mar Councilies E. Kuipen.

is approved for release in accordance with AFR 190-1.

ALAN J. ROD
Deputy Director
Public Affairs

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AUTHOR(S) MAJOR CORNELIUS EDWARD KUIPER, USAF

FACULTY ADVISOR MAJOR WILLIAM FURR, ACSC/EDOWC

SPONSOR MAJOR ROBERT HEATH, ACSC/EDCM MAJOR JOHN REDIGAN, HQ USAF/MPXHF

Submitted to the faculty in partial fulfillment of requirements for graduation.

AIR COMMAND AND STAFF COLLEGE
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MAXWELL AFB, AL 36112

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The Estate Planning for Your Survivors program is designed to analyze the status of one's financial estate. Specifically, one can evaluate his or her estate's ability in the event of his or her death to provide for one's widow(er) and dependent children.

The Estate Planning for Your Survivors program has two parts. One part is a workbook which leads an individual through the necessary information gathering and calculations. The second part is a survivor benefits computer program.

The program is designed for use by all active duty Air Force personnel through the family support centers, and Air Command and Staff College (ACSC) course officers taking the Personal Financial Planning and Management elective course. The computer program and workbooks are expected to be distributed by HQ USAF/MPXHF to all family support centers.

Other organizations desiring the Zenith Z-120 (commonly referred to as Z-100) computer program with diskette and a workbook must order from ACSC/EDCM, Maxwell AFB, AL, 36112-5542. Requester must supply a 5 1/4 inch single or double sided double density floppy disk.

The author is indebted to Col John H. Roscoe, USAF, for the use of his Air War College computer program and workbook, <u>The Estate Plan</u>, of which this is a revision and expansion.

ABOUT THE AUTHOR

The author earned a B.S. Degree in Mechanical Engineering from the University of Colorado in 1970. Following a year with an aerospace firm, he joined the USAF. After completing pilot training, he was assigned to fly the B-52 at Loring AFB, ME. In 1977, he was chosen to attend the Air Force Institute of Technology program at the University of Illinois. There he earned an M.S. Degree in Mechanical Engineering. His subsequent assignment was as a rated engineer with the F-4 System Manager at Ogden Air Logistics Center, Hill AFB, Utah. Returning to the B-52, he was stationed at Fairchild AFB, WA until being selected to attend Air Command and Staff College.

The author has a continuing interest in financial management and estate planning. Twice he has had his estate professionally analyzed to ensure adequate provision for his survivors in the event of his death.

TABLE OF CONTENTS

Preface	
	111
About the Author	i
INTRODUCTION	
INTRODUCTION	-
BIBLIOGRAPHY	4
DIDLIOGRAFIII	
APPENDICES:	
Appendix A - Workbook	A-1
Appendix B - Sample Printout	B-1
Appendix C - Operator's Manual with Diskette	C-3
Appendix D - Computer Program Listing	D-:

INTRODUCTION

BACKGROUND

This project was initiated at the desire of the ACSC sponsor to add an estate planning capability to the Personal Financial Planning and Management elective course. The plan was to modify an existing Air War College program for use on ACSC personal computers and revise the accompanying workbook as necessary. After discussions with Maxwell Family Support Center personnel and HQ USAF/MPXHF, the scope of the project was broadened. The estate planning computer program and workbooks would be available for use by all Air Force personnel through the family support centers.

SIGNIFICANCE

The Estate Planning for Your Survivors program allows a member to determine his or her estate's ability to provide for spouse and dependent children in the event of the member's death. It helps one estimate his or her insurance or investment needs for this situation as opposed to accepting a salesman's formula.

ASSUMPTIONS AND LIMITATIONS

The survivor benefits computer program includes the following benefits:

- 1. Dependency and Indemnity Compensation (DIC).
- 2. Veteran's Administration (VA) Educational Benefits.
- 3. Social Security (SS) Survivors' Benefits.
- 4. SS Old Age Benefits.
- 5. Survivor Benefit Plan (SBP).

The current DIC and VA education benefit values are incorporated into the program. The SS benefits are based on salary histories. Typical histories were developed assuming enlisted members joined the service at the age of 18 and

officers at the age of 22. Only social security taxed service earnings were considered. However, there are no SS benefits for survivors of members who have less than 1 1/2 years of social security taxed earnings (1:27,30). The SBP only applies to active duty members who are eligible to retire. The benefit is based on current base pay and years of service. Procedures to update DIC, VA education, and SS benefit values are included in the operator's manual.

SOURCES

This Estate Planning for Your Survivors program is a revision and expansion of an existing Air War College program (5:--,6:--). The program was expanded beyond the higher officer ranks to include all enlisted and officer personnel. DIC was added for all ranks (2:87). Salary histories were developed to determine current SS benefit values (2:--,3:--, 4:--). Mr. Alford of the Montgomery Social Security Administration office frequently assisted by supplying source documents and worksheets and by answering questions.

TASKS

There were three major tasks accomplished as part of this project. First, the existing computer program was rewritten for use on the Zenith Z-120 computer. Second, the computer program was expanded for use by all Air Force personnel. Third, the program was refined through the elimination of unnecessary variables and functions and through the addition of appropriate documentation. Other tasks included updating benefits to current values and revising the workbook. Due to time, reorganization of the computer program into subroutines was not initiated.

PRODUCTS

The three products of the project are:

- 1. Estate Planning for Your Survivors workbook (Appendix A).
- 2. Survivor benefits computer program (on diskette in Appendix C, listing in Appendix D).
- 3. Estate Planning for Your Survivors program operator's manual (Appendix C).

The computer program is written for use on the Zenith Z-120 computer and requires an attached printer. Experienced personnel should set up the program to run.

Instructions are provided in the operator's manual. The user only need answer the questions asked of him or her by the computer. The computer printout will provide the user with a yearly benefit breakout. Each user will need the printout and a copy of the workbook. The workbook tells the user what other information he or she must gather and then guides them through the computations.

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Brochures

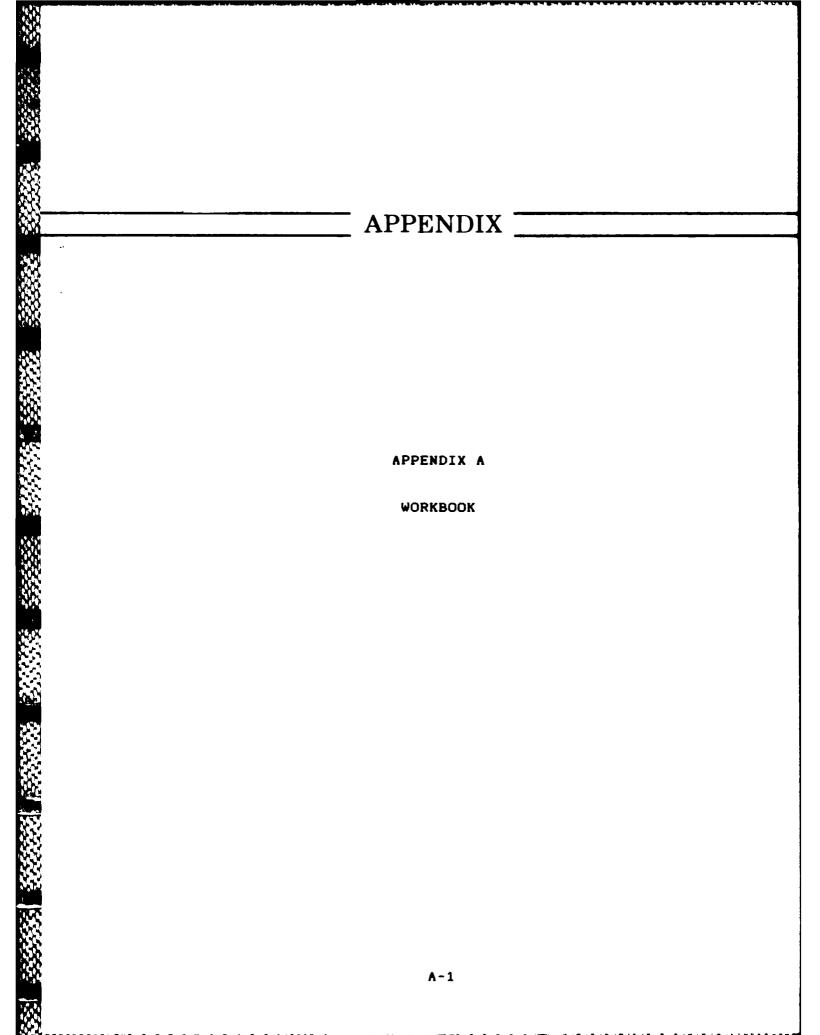
 "Estimating Your Social Security Retirement Check." US Dept. of Health and Human Services, Social Security Administration, Jan 1984. (SSA Publication No. 05-10070)

Course Materials

- 5. Roscoe, John H., Lt Col, USAF. "Estate Plan Computer Program." Maxwell AFB, AL: U.S. Air Force, Air University, Air War College, 1984.
- 6. Roscoe, John H., Lt Col, USAF. <u>Financial Planning and Counseling Elective Workbook, The Estate Plan.</u> Maxwell AFB, AL: U.S. Air Force, Air University, Air War College, AY 1984-85.

B. RELATED SOURCES

Kinevan, M.E. <u>Personal Estate Planning</u>. Englewood Cliffs, N.J.: Prentice Hall Inc., 1980.



ESTATE PLANNING FOR YOUR SURVIVORS

WORKBOOK

Views or opinions expressed or implied in this publication are not to be construed as carrying official sanction of the Air University or the Department of the Air Force.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

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This workbook is prepared for use by active duty Air Force personnel. Together with the survivor benefits computer program, you can examine your financial status to draw conclusions about your estate. Specifically, you can evaluate your estate's ability to provide for your widow(er) and your dependent children in the event of your death.

The workbook will first assist you in determining your current net worth. Then you will assess survivor needs and survivor income. Survivor benefits will be provided to you by the survivor benefits computer program. The effects of time on survivor needs and benefits are considered. When completed, you can determine, to your own satisfaction, if your current saving, investing, and insuring levels are satisfactory to adequately provide for your survivors.

This workbook is designed for the novice; therefore, it is not inclusive. Individuals interested in the exotic and complex aspects of money dynamics must go beyond the confines of this booklet.

The author, Maj Ed Kuiper, USAF, is a course officer in the 1985 class of Air Command and Staff College. He is indebted to Col John H. Roscoe, USAF, for the use of his Air War College computer program and workbook, The Estate Plan, of which this is a revision and expansion.

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PREFACE		•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	iii
CONTENTS	5			•	•	•		•		•	•	•	•			•	•		iv
INTRODUC	CTIC	N		•	•	•	•		•		•	•	•			•	•		1
SECTION	ı:	1	(ET	. (NOI	RTI	ł			•	•	•	•				•	•	2
SECTION	II:		FI	N A	AN(CIA	۸L	AN	IAI	_YS	313	3	•	•			•	•	6
	_																		

INTRODUCTION

This workbook was prepared to provide the member a basis for periodic estate planning updates and to provide Family Support Center personnel a basis to counsel others on the process, and/or direct or manage financial management training programs.

This estate planning program was prepared using the following assumptions:

- -- Air Force members are often not well informed in financial planning.
- -- The member needs methods to intelligently sort through the myriad of financial information available.
- -- A method to handle multiple year planning is essential.
- -- An inclusive workbook on estate planning methodology is needed as a guide for present use and future application.

Section I

NET WORTH

Derivation of net worth is the beginning point of estate planning. It is important because it allows you to organize your financial status at a point in time.

The following pages are one format for determining your net worth. These entries vary slightly from textbook to textbook. There are two main categories in net worth. These are assets and liabilities. Assets and liabilities are further subdivided into current and long-term categories. "Current" should be thought of as liquid (easily converted to cash) or short-term assets and liabilities. "Long-term" refers primarily to things which are not highly liquid or those which are long-term in nature.

BALANCE SH	HEET AS	OF		
------------	---------	----	--	--

ASSETS

1.

CURRENT	ASSETS	
a. Ca	ash	
	Checking account	
	Savings account (and saving certificates)	
	Cash value of life insurance (or annuities)	
	Federal/state annual income tax excess paid (to date)	
	Total cash or equivalent	
b. Ir	vested assets	
	Savings bonds (at current value)	

		price)		
		Corporate bonds (at selling price)		
		Municipal bonds (at selling price)		
		Mutual fund shares (redemptive value)		
		Money market trust (latest monthly report)		
		Other (including Certificates of Deposit minus withdrawal penalty)		
		Total current non-cash investme	ents	
		TOTAL CURRENT ASSETS		
2.	FIXED A	ASSETS		
	a. In	vestment property		
		Real estate (land or rental houses)		
		Business interest		
		Pension account, profit sharing, etc.		
		Art, coin and/or stamp collection (estimated value minus 75%)		
		Other		
		Total non-current investments		
	b. P	ersonal real property		
		Residence (appraised value)		
		Vacation home (appraised value)		
		Total real property		

c. Personal property		
Automobile(s) (blue book; wholesale)		
Motor home, trailer, camper		
Major appliances (cost minus 75%)		
Furniture (cost minus 75%)		
Rugs (cost minus 75%)		
Antiques (cost or appraisal value minus 50%)		
Jewelry/furs (cost minus 50%)		
Silver/china (cost minus 50%)		
Other		
Total personal property		
TOTAL FIXED ASSETS		
SUMMARY:		
Total Current Assets		
Total Fixed Assets		
TOTAL AS	SETS	
LIABILITIES		
CURRENT LIABILITIES		
Bills and charge accounts due		
Short-term loans		
Installment credit (under 6 months)		
Broker margin loans		

1.

Federal/state annual income tax (tax owed above what is being withheld)	. <u>-</u>
TOTAL CURRENT LIABILITIES	
2. LONG-TERM LIABILITIES	
Bank loans, personal loans, etc	_
Auto/motor home, etc. loans	·
Life insurance loans on policies	
Mortgages on residence	-
Mortgages on investment real estate	· -
Other	· -
TOTAL LONG-TERM LIABILITIES	ماري ميان دادان الدو الدو الدو الدو الدو الدو الدو الدو
SUMMARY:	
Total Current Liabilities	
Total Long-term Liabilities	
TOTAL LIABILITIES	
NET WORTH SUMMARY	
TOTAL ASSETS TOTAL LIABILITIES	~~~~~
ASSETS - LIABILITIES = NET WORTH:	

Net worth analysis is one of the things needed before "hardcore" financial planning can take place. A broad look at your surviving spouse's financial future is next on the agenda.

Section II

FINANCIAL ANALYSIS

The purpose of this section is to set the foundation for your estate plan. The ultimate purpose of this workbook is to help you check your capability to provide for your dependents if you were to die. The balance of this workbook is organized to use a basic method used by financial planners called "programming". Programming is a method to determine the financial requirements of your surviving spouse, aging parents, or children. The funds available to your survivors are then balanced against the requirements. Any deficiency is made up with insurance. Sound easy? Let's get started! Since the immediate death of the "breadwinner" is usually the most costly possibility facing your family, that is the situation we assume. We will use the "die now" case. This workbook is easily adaptable to a "die in five years" case or even further in the future if you wish to work several contingencies.

This plan will use future "events". These events will be chosen on the basis of impact on income and expenses. As an example, let us say you have two children, aged 8 and 12, and you want to provide for their college education. Six years from now, when the first child begins college, your widow's (or widower's) expenses will increase that year and remain high for a period of eight years until the youngest child graduates. We want to identify that period (1991-1999) and treat it differently than the period 1985-1990. The following steps will guide you as you complete your estate plan.

- Step 1. Run the computer benefits program to determine spouse's benefits (income). The computer generated benefits are in today's constant dollars.
- Step 2. List the events on page A-1. Include the estimated impact per month in today's dollars for each of the affected years. Sample on page A-2. The purpose here is to identify any major (+ or -\$100) changes to monthly expenses that will occur for longer than a year. (Impacts on expenses or \$1200 a year or more).
- Step 3. Determine surviving spouse's estimated housing needs using the following Housing Guide.

HOUSING GUIDE

A. If you are currently living on base or renting, fill in this part. If you are buying the residence you are currently living in, skip to part B. If you are onbase or renting, the surviving spouse must either buy a residence or continue renting.

<u>Intend to buy?</u> Enter your anticipated down payment as a deficit at the end of this step. Enter your expected monthly payment on the rent/mortgage line on the Expense Guide, page A-3.

<u>Intend to rent?</u> Enter rent on rent/mortgage line on the Expense Guide, page A-3.

B. Buying your residence now? Compare current equity with expected down payment if surviving spouse intends to sell and relocate. If current equity is larger, enter surplus as equity at end of this step. If equity is less than anticipated for new down payment, enter deficit at the end of this step.

If spouse intends to sell and become a renter, enter net equity from sale at end of this step and include monthly rent on rent/mortgage line on the Expense Guide, page A-3.

Net	Housing	Equity	+	or	Deficit	
-----	---------	--------	---	----	---------	--

- Step 4. Total the surviving spouse's monthly needs using the Expense Guide on pages A-3 and A-4. Remember these are today's monthly needs with the military member deceased. They are in today's dollars.
- Step 5. Plot the total monthly needs (expenses) as a straight horizontal line across the Expenses Worksheet on page A-5. See example on page A-6.
- Step 6. Transfer the "Deltas" from the "Events" sheet page A-1, to the bottom of the Expenses Worksheet, page A-5. Plot the net dollar impact against the horizontal "expenses" line" you plotted in step 5. See example page A-6.
- Step 7. Enter your total Monthly Expenses, including "delta" expenses, from the Expenses Worksheet to the computer printout, Monthly Expenses line, for each year.

- <u>Step 8.</u> Calculate Survivor Income. If the surviving spouse will definitely work, estimate monthly income and enter on the computer printout, Other Income line, for each year.
- <u>Step 9.</u> The following calculations will be accomplished on the computer printout.
- A. Determine Total Income by adding Total Benefit to Other Income and enter on line (1).
- B. Determine the Monthly Net Income by subtracting Monthly Expenses(2) from Total Income(1) and enter on line (3). Include the " " if expenses exceed income.
- C. Determine the Yearly Net Income by multiplying the Monthly Net Income by 12 and enter on line (4).
- D. Determine the Present Value of the given year. First, you must select a percent you feel you can make on invested capital over future years <u>after</u> inflation and taxes have been subtracted. I have provided you with choices of 3% and 5%. The Present Value is calculated by multiplying the Yearly Net Income on line (4) by one of the numbers provided. The first number equates to 3% and the number in parentheses equates to 5%. Enter the result as the Present Value of the given year.
- E. Sum all Present Values and enter on Total Yearly Present Value line.
- <u>Step 10.</u> Enter deficit or excess from the end of step 3 to Net Housing Need line on computer printout.
- Step 11. Determine Immediate Death Expenses. Fill in your estimated expenses and benefits. Subtract expenses from benefits and enter the result to the Net Immediate Expenses line on the computer printout.

Immediate Expenses		Immediate Benefits			
Funeral \$ Personal debts \$ Relocation \$		Social Sec. death USAF lump sum USAF buys accrued leave	\$ 1400 \$ 255 \$ 3000 \$ \$		
Total	\$	Total	\$		
Net Immediate i	Expenses:	Excess + or Deficit -			

Step 12. Determine Current Cash/Liquid Needs. Total the Net Immediate Expenses, Net Housing Equity/Deficit, and Total Yearly Present Value figures and enter the amount on the Current Cash/Liquid Needs line on the computer printout.

Step 13. Determine Current Cash/Liquid Position of surviving spouse. You should be conservative in compiling this figure. Include assets which are liquid now (the Current Assets Section of Your Net Worth Analysis) and conservative estimates of those Fixed Assets listed in your Net Worth Analysis which you are sure the surviving spouse would liquidate upon your death. Even though you may have listed it in your Current Assets of Net Worth, do not include the cash value of member's life insurance policies.

Current Cash/Liquid Position

Fixed	Current Assets and only those Assets to be liquidated Insurance death benefit	\$ \$
	Total	\$

Enter Total to Current Cash/Liquid Position line on computer printout.

Step 14. Subtract Current Needs from Current Position.

If the Current Cash/Liquid Position exceeds the Current Cash/Liquid Needs, your survivors are in good shape. If the Current Cash/Liquid Position is less than the Current Cash/Liquid Needs, the difference is the additional estate your survivors will need upon your death.

Any deficiency can be made up with insurance. As your investments or savings increase, your insurance needs should be recomputed. Refer to Marcos E. Kinevan's <u>Personal Estate</u> <u>Planning</u> or a similar book to assist in determining the best type of insurance or investment for you. Other references are available to determine the best firms to insure or invest with.

Your estate plan should be updated every three to four years, or earlier if a significant event in your financial status has occurred.

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CRITICAL EVENTS (DELTAS)

Deltas	Date	<u>Event</u>	Monthly # Impact
<u></u>			~ · · · · · · · · · · · · · · ·
<u></u>			
<u>4</u>			
<u>\$</u>			
<u>6</u>			
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Deltas	<u>Date</u>	Event	Monthly S Impact
11			
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12			
13			
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		SAMPLE CRITICAL EVENTS (DELTAS)	
Deltas	<u>Date</u>	<u>Event</u>	Monthly S Impact
\bigwedge	1986		
			300
<u>^2</u>	_1989_	Daughter_graduates,_daughter_leaves_	
		home (decrease in expenses)	+300 <u>+150</u>
3	_1988_	_Son_starts_college	
			300
4	_1991_	Son_graduates,_son_leaves_home	+300
			<u>+150</u>
<u></u>	_1992_	Investment_property_paid_off(decreases expenses since payment was	
^		on_expense_quide_as_a_monthly_expense)	±500
6	_1995_	Begin_care_of_elderly_parent	
^			500
<u> </u>	_1999_	Elderly_parent_dies_(statistical_age	
		of_death_or_your_estimate)	+500

EXPENSE GUIDE

FIXED PAYMENTS/MONTH

	Contributions	
	Loan payments/interest	
*	Auto insurance	
*	Life insurance	
	Real Estate insurance	
	Rent/mortgage	
	Personal taxes (not withholding)	
*	Real Estate & other tax	
	TV cable	
	House-major maintenance	
*	Auto-major maintenance	
*	Medical	
	Other	
	Total Fixed Payments	
	YARIABLE PAYMENTS/MONTH	
	Food/beverages	
	Garden	

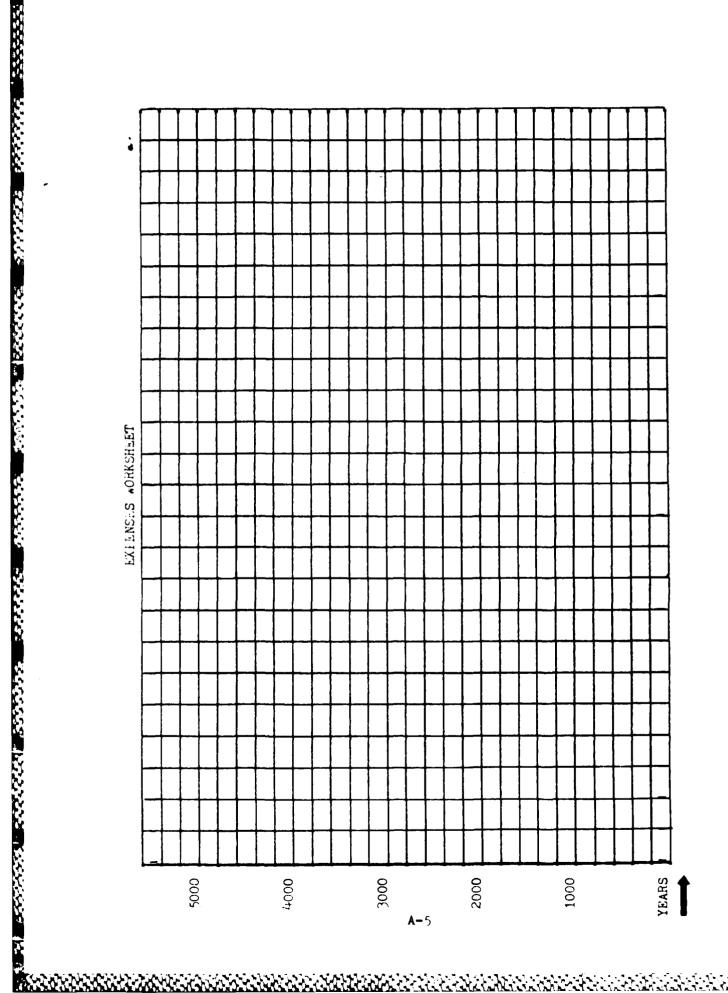
* Annual \$ /12

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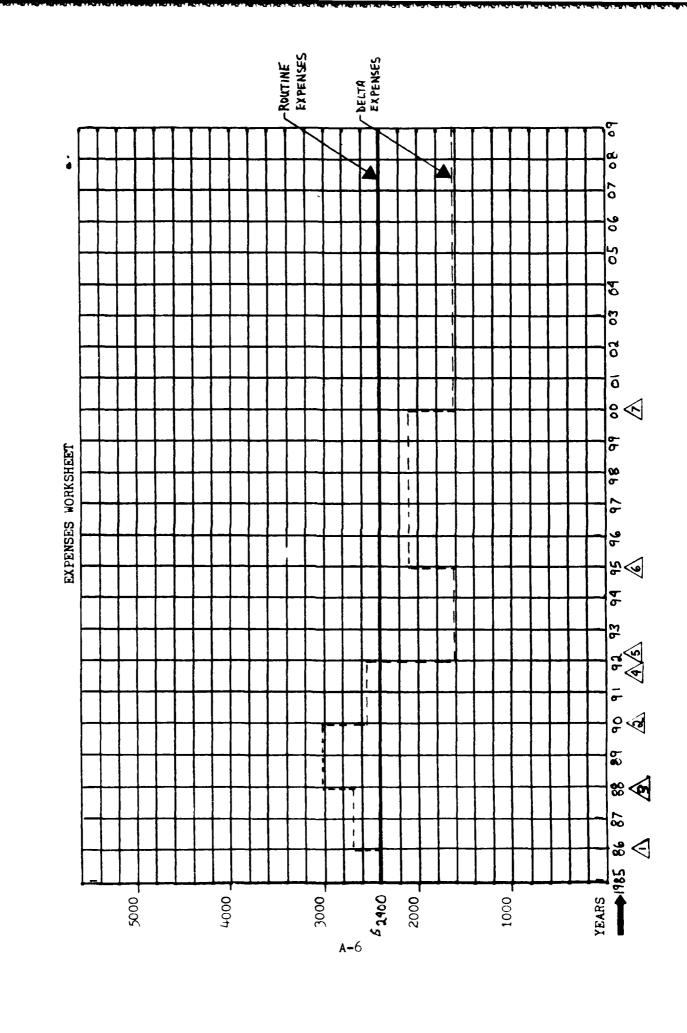
EXPENSE GUIDE

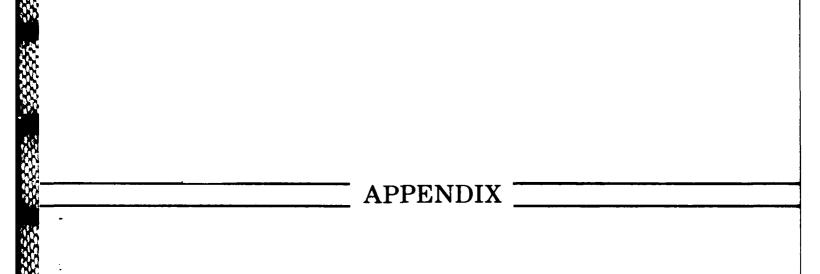
	Electricity	
	Oil or gas	
	Water/trash/sewage	
	Telephone	
	Household supplies & maintenance	
	Auto fuel	
	Auto service & repair	
	Personal pocket money	
	Personal grooming	
	Recreation	
	Entertainment	
*	Vacation	
•	Education tuition/fees (If this is more than \$100/mo, skip here and add it to Events list with start and stop dates)	
	Books/magazines/papers	
*	Professional dues/expenses	
*	Gifts	
	Other	
	Total Variable Payments	
	TOTAL ALL PAYMENTS	

* Annual \$ /12



WARRY PROPERTY PARTICIPAL STRAIGHT





APPENDIX B

SAMPLE PRINTOUT

ESTATE PLANNING PROGRAM

THIS PROGRAM COMPUTES MONTHLY SURVIVORS BENEFITS AVAILABLE TO AN ACTIVE DUTY MEMBERS WIDOW(ER) AND DEPENDENTS.

CURRENT CALENDAR YEAR IS 1985 YOUR PAY GRADE IS 05 YOUR CURRENT BASE PAY IS \$3414.00 YEARS CREDITABLE FOR RETIREMENT ARE 20 THE AMOUNT OF YOUR SBP BENEFIT (NO OFFSET APPLIED) IS \$ 938.85 YOU ASSUME YOUR SPOUSE WOULD START TO DRAW SOCIAL SECURITY OLD AGE BENEFITS AT THE AGE OF 65 THE NUMBER OF DEPENDENT CHILDREN IS THIS PROGRAM ASSUMES NO DISABLED DEPENDENT CHILDREN AND THAT IF YOUR CHILDREN GO TO COLLEGE THEY WILL START AT AGE 18 AND GRADUATE AT AGE 21. IT ALSO ASSUMES THAT THEY WILL ATTEND ONLY 9 MONTHS OF EACH OF THESE YEARS. ONE CHILDS AGE IS 14 AND WILL NOT ATTEND COLLEGE ONE CHILDS AGE IS 12 AND WILL ATTEND COLLEGE YOUR SPOUSES DIC BENEFIT (CURRENT CONSTANT YEAR DOLLAR) IS \$ 751 YOUR SPOUSE WILL START USING EDUCATIONAL BENEFITS IN 1986 AND WILL STOP IN 1989 YOUR SPOUSES CURRENT AGE IS 42

MONTHLY BENEFITS FOR 1985	м	ONTHLY	EXPENSES		(2)
SPOUSES DIC	\$751.00				
CHILDRENS DIC	\$106.00				
CHILDRENS SS SURVIVORS	\$863.33				
SPOUSES SS SURVIVORS	\$431.67				
SURVIVORS BENEFIT PLAN	\$112.71				
TOTAL BENEFIT AMOUNT	\$2264.71	(1)	- (2) =	(+/-)	(3)
+ OTHER INCOME		(3)	* 12 =	(+/-)	(4)
= TOTAL INCOME	(1)	(4)	* 1.00 (OR 1.00) =	
		PRESEN	T VALUE OF 198	5 * (+/-)	*

MONTHLY BENEFITS FOR 1986		MONTHLY	EXPENSES		(2)
SPOUSES DIC	\$751.00				
CHILDRENS DIC	\$106.00				
TOTAL VA EDUCATION	\$282.00				
CHILDRENS SS SURVIVORS	\$863.33				
SPOUSES SS SURVIVORS	\$431.67				
SURVIVORS BENEFIT PLAN	\$112.71				
TOTAL BENEFIT AMOUNT	\$2546.71	(1)	- (2) =	(+/-)	(3)
+ OTHER INCOME		(3)	* 12 =	(+/-)	(4)
= TOTAL INCOME	(1) (4)	* 0.97(OR	(1.95) =	
		PRESEN	IT VALUE OF	1986 * (+/-)	*

MONTHLY BENEFITS FOR 1987	м	ONTHLY E	XPENSES		(2)
SPOUSES DIC	\$751.00				
CHILDRENS DIC	\$106.00				
TOTAL VA EDUCATION	\$282.00				
CHILDRENS 3S SURVIVORS	\$863.33				
SPOUSES SS SURVIVORS	\$431.67				
SURVIVORS BENEFIT PLAN	\$112.71				
FOTAL BENEFIT AMOUNT	\$2546.71	(1) -	(2)	(+/-)	(3)
+ OTPER INCOME		(3) *	12 =	(+/-)	(4)
= TOTAL INCOME	(1)	(4) *	0.94 (OR d.	9(1) =	
		PRESENT	VALUE OF I	987 * (+/-)	

```
MONTHLY BENEFITS FOR 1988
                                                                                               MONTHL" EXPENSES
             SPOUSES SIG
CHILDRENS DIG
                                                                         $751.30
                                                                         $106.00
              TOTAL VA EDUCATION
                                                                         $282.30
              CHILDRENS SS SURVIVORS $863.33
              SPOUSES SS SURVIVORS
                                                                        $431.67
              SURVIVORS BENEFIT PLAN
                                                                         $112.71
                                                                                                    (1) - (2) = (+/-
(3) * 12 = (+/-
(4) * 0.91(OR 0.86) =
                   TOTAL BENEFIT AMOUNT $2546.71
                                + OTHER INCOME
                                 = TOTAL INCOME
                                                                                                   PRESENT VALUE OF 1988 * (+/-)
MONTHLY BENEFITS FOR 1989
                                                                                              MONTHLY EXPENSES
                                                                                                                                                                              ___(2)
              SPOUSES DIC
CHILDRENS DIC
                                                                         $751.00
                                                                          $53.00
              TOTAL VA EDUCATION
                                                                        $282.00
              CHILDRENS SS SURVIVORS $555.03
SURVIVORS BENEFIT PLAN $187.85
                   TOTAL BENEFIT AMOUNT $1828.85
                                                                                        + OTHER INCOME
= TOTAL INCOME
                                                                                                   PRESENT VALUE OF 1989 * (+/-)
MONTHLY BENEFITS FOR 1993
                                                                                               MONTHLY EXPENSES
              SPOUSES DIC $751.00
TOTAL VA EDUCATION $282.00
SURVIVORS BENEFIT PLAN $187.85
TOTAL BENEFIT AMOUNT $1220.85
                                                                     $1220.85 (1) - (2) = (+, (3) * 12 = (+, (4) * 0.78 (OR 0.66) = (+, (4) * 0
                                 + OTHER INCOME ___
                                  = TOTAL INCOME
                                                                                                   PRESENT VALUE OF 1993 *(+/-)
MONTHLY BENEFITS FOR 1994
                                                                                               MONTHLY EXPENSES
                                                                                                                                                                            (2)
              SPOUSES DIC
TOTAL VA EDUCATION
                                                                        $751.00
                                                                        $282.00
              SURVIVORS BENEFIT PLAN $187.85
                                                                              TOTAL BENEFIT AMOUNT $1220.85
                                 + OTHER INCOME
                                  = TOTAL INCOME
                                                                                                 PRESENT VALUE OF 1994 *(+/-)
MONTHLY BENEFITS FOR 1995
                                                                                               MONTHLY EXPENSES
                                                                                                                                                                 ____(2)
                                                                     $751.00
             SPOUSES DIC
              SURVITORS BENEFIT PLAN $187.85
TOTAL BENEFIT AMOUNT $938.85
+ OTHER INCOME
                                                                                                     (1) - (2) = (3) * 12 =
                                                                                                                                                     (+/-)
                                 = TOTAL INCOME
                                                                                 (1) (4) * 0.74 (OR 0.60) =
                                                                                                PRESENT VALUE OF 1995 * (+/-)
    ------
MONTHLY BENEFITS FOR 1996
                                                                                               MONTHLY EXPENSES
                                                                                                                                                                              ___(2)
              SPOUSES DIC
                                                                        $751.00
              SURVIVORS BENEFIT PLAN $187.85
                                BENEFIT AMOUNT $938.85 (1) - (2) = (+/-
+ OTHER INCOME (1) (4) * 0.72(OR 0.57) =
                   TOTAL BENEFIT AMOUNT $938.85
                                                                                                                                                    (+/-)_
                                                                                           PRESENT VALUE OF 1996 * (+/-)
```

MONTHLY BENEFITS FOR 1997 SPOUSES DIC SURVIVORS BENEFIT PLAN TOTAL BENEFIT AMOUNT	751.00	(2)
TOTAL BENEFIT AMOUNT + OTHER INCOME	\$938.85 (1) - (2) = (+/-) (3) * 12 = (+/-)	$ \frac{(3)}{(4)}$
= TOTAL INCOME	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	*
MONTHLY RENEFITS FOR 1998	MONTHLY EXPENSES	(2)
MONTHLY RENLETTS FOR 1998 SPOUSES FIG	\$751.00	
TOTAL BENEFIT AMOUNT	\$187.85 \$938.85 (1) - (2) = (+/-) (3) * 12 = (+/-) (1) (4) * 0.67 (OR 0.51) =	(3)
= TOTAL INCOME	(1) (4) * 0.67(OR 0.51) = PRESENT VALUE OF 1998 *(+/-)	*
MONTHLY BENZEITS FOR 1999		(2)
MONTHLY BENZEITS FOR 1999 SECURES DIC SUMMINORS BENEFIT PLAN	\$751.00 \$187.85	··
TOTAL BENEFIT AMOUNT	\$751.00 \$187.85 \$938.85 (1) - (2) = (+/-) (3) * 12 = (+/-) (1) (4) * 0.65(OR 0.49) =	(3)
= TOTAL INCOME	(1) (4) * C.65(OR C.49) =	*
	(1) - (2) = (+/-) (3) * 12 = (+/-) (1) (4) * 0.65(OR 0.49) = PRESENT VALUE OF 1999 *(+/-)	
MONTHLY BENEFITS FOR 2000 SPOUSES DIC	MONTHLY EXPENSES	(2)
SURVIVORS BENEFIT PLAN	\$751.00 \$187.85 \$938.85 (1) - (2) = (+/-) (3) * 12 = (+/-) (1) (4) * 0.63(OR 0.46) =	433
TOTAL BENEFIT AMOUNT + OTHER INCOME	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(4)
= TOTAL INCOME	(1) (4) * 0.63(OR 0.46) = PRESENT VALUE OF 2000 * (+/-)	*
MONTHLY BENEFITS FOR 2001	MONTHLY EXPENSES	(2)
SPOUSES DIC	\$751.00	
TOTAL BENEFIT AMOUN.	\$938.85 (1) - (2) = (+/-)	(3)
= TOTAL INCOME	(3) * 12 = $(+/-)$ (1) (4) * \emptyset .61(OR \emptyset .44) = PRESENT VALUE OF 2001 * $(+/-)$	
		 -
MONTHLY BENEFITS FOR 2002 SPOUSES DIC	MONTHLY EXPENSES \$751.00	(2)
CORUTTORS RESERVE PLAN	\$187.85	
FOTAL BENEFIT AMOUNT + OTHER INCOME	\$938.85 (1) - (2) = (+/-) (2) = (+/-) (3) * 12 = (+/-) (4) * (3.60 (0) (0.42) = (4.	(3)
= TOTAL INCOME	(1) (4) * 0.60(OR 0.42) = PRESENT VALUE OF 2002 *(+/-)	
MONTHLY BENEFITS FOR 2003	MONTHLY EXPENSES	(2)
SPOUSES BIC SURVIVORS PENERIC PLAN	\$751.00 3137.85	
TOTAL BENEFIT AMOUNT + OTHER INCOME	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
TOTAL INCOME	(1) (4) * 0,5% (0) 0,400 = PRESENT VALUE OF 2003 *(+/-)	•

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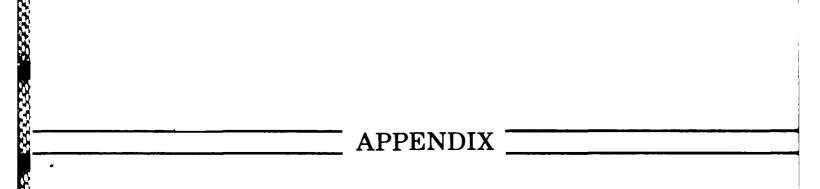
MONTHLY BENEFITS FOR 2004 SPOUSES DIC SURVIVORS DENDETT PLAN	MONTHLY EXPENSES
TOTAL BENEFIT AMOUNT	\$938.85 (1) - (2) = (+/-) (4) (3) * 12 = (+/-) (4)
+ OTHER INCOME	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
= TOTAL INCOME	PRESENT VALUE OF 2004 *(+/-)
MONTHLY BENEFITS FOR 2005 SPOUSES DIC	MONTHLY EXPENSES (2) \$751.00
SURVIVORS BENEFIT PLAN	\$112.71
TOTAL BENEFIT AMOUNT + OTHER INCOME	\$1603.71 (1) - (2) = $(+/-)$ (3) (3) * 12 = $(+/-)$ (4)
= TOTAL INCOME	(1) (4) * 0.54 (OR 0.36) =
	PRESENT VALUE OF 2005 *(+/-)*
MONTHLY BENEFITS FOR 2006 SPOUSES DIC	MONTHLY EXPENSES (2) \$751.00
SURVIVORS BENEFIT PLAN	\$112.71
TOTAL BENEFIT AMOUNT + OTHER INCOME	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
= TOTAL INCOME	\$1603.71 (1) - (2) = (+/-) (3) (3) * 12 = (+/-) (4) (4) * 0.53(OR 0.34) = PRESENT VALUE OF 2006 * (+/-) *
	TRIBUTE VINDOS OF EDGO (1)
MONTHLY BENEFITS FOR 2007 SPOUSES DIC	MONTHLY EXPENSES (2)
SUBSTITUTE DESCRIPTION OF AM	9112 71
TOTAL BENEFIT AMOUNT	\$1603.71 $(1) - (2) = (+/-)$ (3)
+ OTHER INCOME = TOTAL INCOME	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	PRESENT VALUE OF 2007 *(+/-) *
MONTHLY BENEFITS FOR 2008	MONTHLY EXPENSES(2)
SPOUSES DIC SPOUSES SS OLD AGE	\$751.00 \$740.00
CHDUTUODE DENERTH DIAM	c112 71
TOTAL BENEFIT AMOUNT + OTHER INCOME	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
= TOTAL INCOME	(1) (4) * 0.50 (OR 0.31) =
	PRESENT VALUE OF 2008 * (+/-) *
MONTHLY BENEFITS FOR 2009	MONTHLY EXPENSES (2)
SPOUSES DIC SPOUSES SS OLD AGE	MONTHLY EXPENSES (2) \$751.00 \$740.00
SURVIVORS BENEFIT PLAN	\$112.71
TOTAL BENEFIT AMOUNT + OTHER INCOME	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
= TOTAL INCOME	(1) (4) * Ø.48(OR Ø.29) =
	PRESENT VALUE OF 2009 * (+/-) *
MONTHLY BENEFITS FOR 2010	MONTHLY EXPENSES (2)
SPOUSES DIC	\$751.00
	\$740.00 \$112.71
TOTAL BENEFIT AMOUNT + OTHER INCOME	\$863.71 (1) - (2) \approx (+/-) (3) $*$ 12 = (+/-) (4)
= TOTAL INCOME	(1) (4) * $\theta.47$ (OR $\theta.28$) =
	PRESENT VALUE OF 2010 *(+/-)

STATES AND STATES OF THE PARTICIONS AND STATES AND STATES OF THE STATES

						
MONTHLY BENDFILS FO		\$172.88	МОМТИЦУ	EXPENSED		
	EFIT PLAN	\$743.93 \$112.71 \$863.71	(1) (3) 1) (4) PRESEM	- (2) = * 12 = * 3.45 (OR 3.26 VT VALUE O' 291	(+/-) (+/-) 5) = 11 *(+/-)	(?) 1)
MONTHLY BENEFILS FO		\$751.00	MONTHLY	EXPENSES		(2)
	EFIT PLAN	\$740.00 \$112.71 \$863.71	(1) (3) 1) (4) PRESES	- (2) = * 12 = * 0.44 (OR 0.29	(+/~) (+/~) 5) = 12 *(+/~)	(3)
MONTHLY BENEFITS FO SPOUSES DIC SPOUSES SS OF		\$751.0J	MONTHLY	EXPENSES		(2)
SURVIVORS BEN TOTAL BENEF + OTF	FETT PLAN	\$112.71 \$863.71	1) (4)	- (2) = * 12 = * 0.43(OR 0.24) NT VALUE OF 23	1) =	
MONTHLY BENEFITS FO SPOUSES DIC SPOUSES SS OF		\$751.00 \$740.00	MONTHLY	EXPENSES		(2)
SURVIVORS BEN TOTAL BENEF + OTE	EFIT PLAN	\$112.71	(1) (3) 1) (4) PRESES	- (2) = * 12 = * 0.41 (OR 0.2) NT VALUE OF 20	(+/-) (+/-) 3) = 14 * (+/-)	(3)
MONTHLY BENEFITS PO SPOUSES DIC SPOUSES SS OL		\$751.00	MONTHLY	EXPENSES		(2)
SUPVIVUES BEN TOTAL BENEF + OTE	REFIT PLAN	\$112.71	(1) (3) 1) (4) PRESEN	~ (2) = * 12 = * 0.40 (OR 0.2) NT VALUE OF 20	(+/~) (+/~) 1) = 15 *(+/~)	(3)
MONTHLY RENEFITS FO		\$751.00		EXPENSES		(2)
	CEFIT FLAN	\$867.71	DRESES	~ (2) = * 12 = * d.39(or d.2) NT VALUE OF 24	5) = 16 *(+ -)	
MONTHLY BENJETTS E- SPOUSES ST SPOUSES SO OF CONTINUES BEN		5751.88 5740.88		EXPENSES		(2)
141731 % NEE • 79	•	₹•	1.3	- (2) = * 12 = * 0.38(GR 0.1 NT VALUE OF 20); 	:

SURVIVORS TOTAL BE +	C BOLD AGE BENEFIT PLAN SNEETT AMOUNT	3112.71 8863.71 (1) = (2) = (+/-)	
=	TOTAL INCOME	(3) * 12 = (+/-) (1) (4) * Ø.37(OR Ø.18) = PRESENT VALUE OF 2018 * (+/-)	
SPOUSES SS	C OLD AGE	MONTHLY EXPENSES \$751.00 \$740.00	(2)
TOTAL BE	BENEFIT PLAN NEFIT AMOUNT OTHER INCOME TOTAL INCOME	, • -	(3) (4)
	C OLD AGE	\$751.00 \$740.00 \$112.71	(2)
TOTAL BE	ENEFIT AMOUNT OTHER INCOME TOTAL INCOME	\$863.71 (1) - (2) = (+/-) (3) * 12 = (+/-) (1) (4) * 0.34(OR 0.17) = PRESENT VALUE OF 2020 *(+/-)	(3) (4)
SPOUSES SS	· c	\$751.00 \$740.00	(2)
TOTAL BE	NEFIT AMOUNT OTHER INCOME TOTAL INCOME	\$863.71 (1) - (2) = (+/-) (3) * 12 = (+/-) (1) (4) * 0.33 (OR 0.16) = PRESENT VALUE OF 2021 * (+/-)	(3)
	FOR 2022	MONTHLY EXPENSES \$751.00 \$740.00	
TOTAL BE	NEFIT AMOUNT OTHER INCOME TOTAL INCOME		(3) (4) *
	C OLD AGE BENEFIT PLAN	MONTHLY EXPENSES \$751.00 \$740.00 \$112.71	(2)
+	NEFIT AMOUNT OTHER INCOME TOTAL INCOME	3863.71 (1) - (2) = (+/-) (3) * 12 = (+/-) (1) (4) * 0.31/OR 0.14) = PRESENT VALUE OF 2023 *(+/-)	(4)

TOTAL YEARLY PRESENT VALUES (**)	** (+/-)*
NET HOUSING EQUITY/DEFICIT (STEP 3)	(+/-)
NET IMMEDIATE EXPENSES (STEP 11)	(+/-)
CURRENT CASH/LIQUID NEEDS (STEP 12)	(-)
CURRENT CASH/LIQUID POSITION (STEP 13)	(+)
MOMAL CURRENT MEERS AND POSITION	(+/-)



APPENDIX C

OPERATOR'S MANUAL

STAND SCORECUL AND STAND SCANDS SCANDS STANDS AND STANDS S

ESTATE PLANNING FOR YOUR SURVIVORS

OPERATOR'S MANUAL

PREFACE	
 PREFACE	**************************************

This manual is prepared for use by Family Support Center personnel and others to assist in setting up the survivor benefits program for use by their clients. This manual also provides the documentation for easier updating of the program.

TABLE OF CONTENTS

Preface	ii
CHAPTER ONE - SETTING UP THE PROGRAM	1
CHAPTER TWO - UPDATING THE PROGRAM	2
APPENDIX - DISKETTE	A - 1

Chapter One

SETTING UP THE PROGRAM

This program was prepared for use on a Zenith Z-120 computer (commonly referred to as Z-100) and requires a printer. The program will ask the user several questions and tell him or her how to answer. The user should be able to answer all questions with the possible exception of current base pay. I recommend that you have a current monthly basic pay chart handy.

Perform the following steps to prepare the program for the user:

- 1. Insert the diskette into the top drive of the computer.
- 2. Turn on the printer.
- 3. Turn on the computer.
- 4. After the date and time prompts, press the RETURN key.
- 5. After the A: prompt, type ZBASIC and press the RETURN key.
- 6. After the OK prompt, type LOAD "ESTATE" and press the RETURN key.
- 7. After the OK prompt, type RUN and press the RETURN key.

The program will run until the surviving widow(er) reaches the age of 80. The user will require the computer printout and a copy of the Estate Planning for Your Survivors workbook to complete his or her estate planning.

Chapter Two

UPDATING THE PROGRAM

The survivor benefits program is affected by increases or changes in benefits. Benefits included in this program are:

Dependency and Indemnity Compensation (DIC) VA Education Benefit Social Security Survivors Benefit Social Security Old Age Benefit Survivors Benefit Plan

The benefits are most likely to increase. To change the program you must know how and what to change. You must accomplish the following steps to make a change:

- 1. Insert diskette into the top drive of the computer.
- 2. Turn on the computer.
- 3. After the date and time prompts, press the RETURN key.
- 4. After the A: prompt, type ZBASIC and press the RETURN key.
- 5. After the OK prompt, type LOAD "ESTATE" and press the RETURN key.
- 6. After the OK prompt, type EDIT 111 and press the RETURN key (111 being the line # needing updating).
- 7. Change values of numbers as necessary.
- 8. Press RETURN key.

NOTE: Steps 6 - 8 must be accomplished for each line that needs updating.

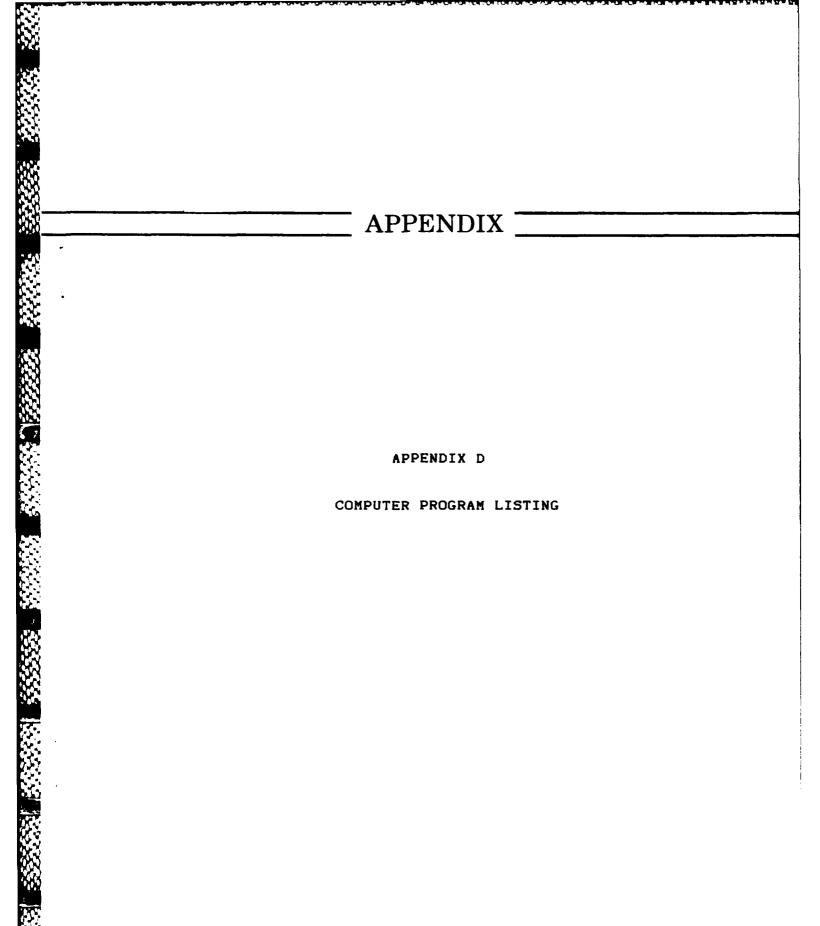
The benefit values most likely to change are listed on the next page with their computer names, line numbers, current values, currency date, and space to enter updated values and dates. Among the sources for the updated values are the Uniformed Services Almanac, local Social Security Administration office, and/or the local Veterans Administration office.

BENEFIT VALUE UPDATE

BENEFIT NAME	COMPUTER NAME	LINE #	CURRENT DATE	UPDATED DATE	UPDATED DATE
DIC-Child	D7	1460	53 APR 84		
DIC-Spouse	DO				
Rank-E1		921	APR 84 461		
E 2		922	475		
F 0		222	100		
ЕЗ		923	486		
E4		924	518		
E 5		925	532		
E6		926	544		
E7		927	571		
E8		928	602		
E9		929	629		
01		931	583		
02		932	602		
03		933	644		
04		934	681		
05		935	751		
06		936	846		
07		937	915		
08		938	1003		
09		939	1077		

BENEFIT NAME	COMPUTER NAME	LINE #	CURRENT DATE	UPDATED DATE	UPDATED DATE
NOTE: The cur of increase	rrent valu				
Rank:E1		921	0		
E 2		922	o		
ЕЗ		923	382		
E4		924	431		
E 5		925	483		
E6		926	511		
E7		927	542		
E8		928	594		
E 9		929	640		
01		931	528		
02		932	568		
03		933	749		
04		934	769		
05		935	805		
06		936	779		
07		937	765		
08		938	751		
09		939	743		
VA Education	vo	1580	376		
	vo	1640	DEC 84		

A



```
'21 FEB 85 UPDATE
10 PRINT "ESTATE PLANNING PROGRAM"
12 LPRINT "ESTATE PLANNING PROGRAM"
14 PRINT
16 LPRINT
20 PRINT "THIS PROGRAM COMPUTES MONTHLY SURVIVORS BENEFITS
AVAILABLE"
22 PRINT " TO AN ACTIVE DUTY MEMBERS WIDOW(ER) AND DEPENDENTS."
24 LPRINT "THIS PROGRAM COMPUTES MONTHLY SURVIVORS BENEFITS
AVAILABLE"
26 LPRINT " TO AN ACTIVE DUTY MEMBERS WIDOW(ER) AND DEPENDENTS."
30 REM THIS PROGRAM IS PART OF AIR COMMAND AND STAFF COLLEGE
PROJECT
32
      '#85-1510 DATED JUN 85. INSTRUCTIONS TO UPDATE ARE IN
OPERATORS
      'MANUAL WHICH ACCOMPANIED THIS PROGRAM.
40 DIM C(10), C$(10)
42 T9 = \emptyset
             'INITIALIZE CONTROL VARIABLE USED IN SS OLD AGE
43 SØ = Ø
             'INITIALIZE SBP (NO OFFSET APPLIED)
44 \ 29 = 0
             'INITIALIZE CONTROL VARIABLE USED IN SBP
45 D0 = 0
             'INTIALIZE DIC-SPOUSE
             'INITIALIZE DIC-SPOUSE
46 \ Z = \emptyset
60 PRINT
             'INITIALIZE TO CHILD #1
110 PRINT "ENTER DATA AS REQUESTED"
150 PRINT
152 LPRINT
160 PRINT "ENTER CURRENT CALENDAR YEAR";
170 INPUT Al
180 PRINT "(YES/NO) IS CURRENT CALENDAR YEAR"; Al;
190 INPUT H$
194 IF H$ = "YES" THEN 210
                               'CORRECT - CONTINUE
200 IF H$ = "NO" THEN 160
                               'INCORRECT - REENTER
204 PRINT "ERROR IN INPUT"
206 GOTO 180
               'CONFIRM
210 LPRINT "CURRENT CALENDAR YEAR IS "; A1
310 PRINT "ENTER YOUR PAY GRADE (E1, E2,...,O1,O2,...)";
320 INPUT OS
330 PRINT "(YES/NO) YOUR PAY GRADE IS ";O$;
335 INPUT Q$
340 IF Q$ = "YES" THEN 360
345 IF Q$ = "NO" THEN 310
350 PRINT "ERROR IN INPUT"
355 GOTO 310
360 LPRINT "YOUR PAY GRADE IS "; O$
365 PRINT "ARE YOU CURRENTLY ELIGIBLE FOR RETIREMENT (YES/NO)";
375 INPUT A$
385 IF A$ = "YES" THEN 420 'SBP (NO OFFSET APPLIED)
CALCULATIONS
395 IF A$ = "NO" THEN 520
405 PRINT "ERROR IN INPUT"
415 GOTO 365
420 PRINT "ENTER YOUR CURRENT BASE PAY (NO DOLLAR SIGN)";
425 INPUT P2
430 PRINT "(YES/NO) IS YOUR BASE PAY";
```

```
435 PRINT USING "
                    $$####.##":P2
440 INPUT B$
445 IF B$ = "YFS" THEN 465
450 IF B$ = "NO" THEN 420
455 PRINT "ERROR IN INPUT"
460 GOTO 430
465 LPRINT "YOUR CURRENT BASE PAY IS ";
470 LPRINT USING "$$####.##";P2
480 PRINT "ENTER YEARS OF SERVICE CREDITABLE FOR RETIREMENT";
482 INPUT P3
484 PRINT "(YES/NO) IS YEARS CREDITABLE FOR RETIREMENT"; P3:
486 INPUT D$
488 IF D$ = "YES" THEN 496
490 IF D$ = "NO" THEN 480
492 PRINT "ERROR IN INPUT"
494 GOTO 484
496 LPRINT "YEARS CREDITABLE FOR RETIREMENT ARE "; P3
500 S0 = .55*((P2*P3)*.025)
505 PRINT "THE AMOUNT OF YOUR SBP BENEFIT (NO OFFSET APPLIED) IS
506 PRINT USING "$$###.##":S0
510 LPRINT "THE AMOUNT OF YOUR SBP BENEFIT (NO OFFSET APPLIED) IS
";
511 LPRINT USING "$$####.##":SØ
520 PRINT "AT WHAT AGE DO YOU ASSUME YOUR SPOUSE WOULD START TO
DRAW SOCIAL"
530 PRINT "SECURITY OLD AGE BENEFITS (60,61,62,63,64,65)";
540 INPUT T2
550 IF T2 >= 60 AND T2 <= 65 THEN 595
580 PRINT "ERROR IN INPUT"
590 GOTO 520
595 LPRINT "YOU ASSUME YOUR SPOUSE WOULD START TO DRAW SOCIAL
SECURITY"
596 LPRINT " OLD AGE BENEFITS AT THE AGE OF ";T2
600 PRINT "ENTER NUMBER OF DEPENDENT CHILDREN";
610 INPUT CO
611 PRINT
620 PRINT "(YES/NO) IS THE NUMBER OF DEPENDENT CHILDREN"; C0;
630 INPUT E$
640 IF E$ = "YES" THEN 655
650 IF E$ = "NO" THEN 600
651 PRINT "ERROR IN INPUT"
652 GOTO 620
655 LPRINT "THE NUMBER OF DEPENDENT CHILDREN IS "; CO
660 \text{ IF } C0 = 0 \text{ THEN } 921
                          'SKIP ? ON CHILDREN
670 PRINT
68% PRINT
690 PRINT "THIS PROGRAM ASSUMES NO DISABLED DEPENDENT CHILDREN
700 PRINT "THAT IF YOUR CHILDREN GO TO COLLEGE THEY WILL START
710 PRINT "AGE 18 AND GRADUATE AT AGE 21.
                                           IT ALSO ASSUMES THAT
THEY"
720 PRINT "WILL ATTEND ONLY 9 MONTHS OF EACH OF THESE YEARS."
```

```
730 LPRINT "THIS PROGRAM ASSUMES NO DISABLED DEPENDENT CHILDREN
AND"
732 LPRINT "THAT IF YOUR CHILDREN GO TO COLLEGE THEY WILL START
АТ"
734 LPRINT "AGE 18 AND GRADUATE AT AGE 21.
                                             IT ALSO ASSUMES THAT
THEY"
736 LPRINT "WILL ATTEND ONLY 9 MONTHS OF EACH OF THESE YEARS."
740 PRINT "ENTER CHILDRENS AGES (OLDEST TO YOUNGEST) AND IF YOU
ASSUME"
750 PRINT "THIS CHILD WOULD ATTEND COLLEGE (YES/NO). ENTER AGE
FIRST"
760 PRINT "THEN A COMMA AND THEN EITHER YES OR NO."
770 INPUT C(Z), C$(Z)
780 IF C$(Z) = "YES" THEN 800
790 IF C$(Z) = "NO" THEN 820
795 GOTO 740
800 F$ = " WILL "
810 GOTO 830
820 F$ = " WILL NOT "
830 PRINT "(YES/NO)CHILDS AGE IS"; C(Z); "AND"; F$; "ATTEND COLLEGE";
840 INPUT G$
850 IF G$ = "YES" THEN 895
860 IF G$ = "NO" THEN 880
870 GOTO 830
880 PRINT "REENTER DATA FOR THIS CHILD"
890 GOTO 770
895 LPRINT "ONE CHILDS AGE IS"; C(Z); "AND"; F$; "ATTEND COLLEGE"
900 \ Z = Z + 1
                  'SET TO NEXT CHILD
905 \text{ IF } Z = C0 \text{ THEN } 921
910 PRINT "ENTER DATA FOR NEXT CHILD"
915 GOTO 770
920
       'SET VALUES FOR DIC (DO) AND SS PRIMARY INSURANCE AMOUNT
(W8)
921 IF O$ = "E1" THEN DØ = 461:W8=0:GOTO 1000
922 IF O$ = "E2" THEN DØ = 475:W8=0:GOTO 1000
923 IF O$ = "E3" THEN DØ=486:W8=395:GOTO 1010
924 IF O$ = "E4" THEN DØ=518:W8=450:GOTO 1010
925 IF OS = "E5" THEN DØ=532:W8=505:GOTO 1010
926 IF O$ = "E6" THEN DØ=544:W8=525:GOTO 1010
927 IF 0$ = "E7" THEN DØ = 571:W8 = 530:GOTO 1010
928 IF O$ = "E8" THEN DØ=602:W8=570:GOTO 1010
929 IF 0$ = "E9" THEN D0=629:W8=610:GOTO 1010
931 IF 0\$ = "01" OR 0\$ = "01" THEN D0 = 583:W8 = 555:GOTO <math>1000
932 IF 0\$ = "02" OR 0\$ = "02" THEN D0 = 602:W8 = 600:GOTO 1010
933 IF 0$ = "03" OR 0$ = "03" THEN D0 = 644:W8 = 730:GOTO 1010
934 IF 0$ = "04" OR 0$ = "04" THEN D0 = 681:W8 = 725:GOTO 1010
935 IF 0\$ = "05" OR 0\$ = "05" THEN 00 = 751:W8 = 740:GOTO 1010
936 IF O$ = "06" OR O$ = "06" THEN D0 = 846:W8 = 730:GOTO 1010
937 IF )$ = "07" OR O$ = "07" THEN D0 = 915:W8 = 715:GOTO 1010
938 IF O$ = "08" OR O$ = "08" THEN D0 = 1003:W8 = 700:GOTO 1010
939 IF O$ = "09" OR O$ = "09" THEN DØ = 1077:W8 = 690:GOTO 1010
1000 PRINT "MEMBERS WIDOW(ER) AND DEPENDENT CHILDREN WILL HAVE NO
SS "
1001 PRINT "BENEFITS UNLESS MEMBER HAD A MINIMUM OF 1 1/2"
```

```
1002 PRINT " YEARS OF SOCIAL SECURITY TAXED EARNINGS."
1005 LPRINT "MEMBERS WIDOW(ER) AND DEPENDENT CHILDREN WILL HAVE
NO SS "
1006 LPRINT "BENEFITS UNLESS MEMBER HAD A MINIMUM OF 1 1/2"
1007 LPRINT " YEARS OF SOCIAL SECURITY TAXED EARNINGS."
1010 PRINT "YOUR SPOUSES DIC BENEFIT (CURRENT CONSTANT YEAR
DOLLAR) IS $";DØ
1011 LPRINT "YOUR SPOUSES DIC BENEFIT (CURRENT CONSTANT YEAR
DOLLAR) IS $";DØ
1050 PRINT "WILL YOUR SPOUSE USE VA EDUCATIONAL BENEFITS
(YES/NO)";
1060 INPUT W$
1070 \text{ IF W$} = "YES" \text{ THEN } 1140
1080 IF W$ = "NO" THEN 1220
1090 PRINT "ERROR IN INPUT"
1100 GOTO 1050
1140 PRINT "ENTER CALENDAR YEAR SPOUSE WILL START USING
EDUCATIONAL BENEFIT";
1150 INPUT WO
1160 PRINT "ENTER CALENDAR YEAR SPOUSE WILL STOP USING BENEFITS";
1170 INPUT W1
1180 PRINT "(YES/NO) YOUR SPOUSE WILL START USING EDUCATIONAL
BENEFITS IN "; W0;
1182 PRINT "AND WILL STOP IN "; W1;
1185 INPUT WØ$
1190 IF WO$ = "YES" THEN 1220
1195 IF WØ$ = "NO" THEN 1140
1200 PRINT "ERROR IN INPUT"
1210 GOTO 1140
1220 N1 = A1 COMPUTER YEAR - INITIALIZED AT CURRENT YEAR
1230 LPRINT "YOUR SPOUSE WILL START USING EDUCATIONAL BENEFITS IN
";WØ;
1232 LPRINT "AND WILL STOP IN": W1
1240 PRINT "ENTER YOUR SPOUSES CURRENT AGE"
1250 INPUT T1
1260 \text{ T3} = \text{T1}
                'COMPUTER AGE OF SPOUSE - INITIALIZED AT CURRENT
AGE
1270 PRINT "(YES/NO) YOUR SPOUSES CURRENT AGE IS"; T1;
1280 INPUT T$
1290 \text{ if } T\$ = "YES" \text{ THEN } 1320
1291 IF T$ = "NO" THEN 1240
1300 PRINT "ERROR IN INPUT"
1310 GOTO 1270
1320 LPRINT "YOUR SPOUSES CURRENT AGE IS";T1
1330 LPRINT
1340 PRINT
             'START PRINTING YEARLY SUMMARY OF BENEFITS
1363 PRINT "MONTHLY BENEFITS FOR":N1:"
EXPENSES";
1362 PRINT "
1370 PRINT " SPOUSES DIC
1380 PRINT USING " $$####.##";DØ
1382 LPRINT "MONTHLY BENEFITS FOR"; N1;"
                                                      MONTHLY
EXPENSES";
1383 LPRINT "
                                 _(2)"
```

```
1384 LPRINT " SPOUSES DIC
1385 LPRINT USING " $$####.##";DØ
1390 \ Z = 0
1400 IF CØ = Ø THEN 1540
1410 D2 = 0 'DIC - ALL CHILDREN - INITIALIZE AND THEN
CALCULATE
              'RESET TO CHILD #1
1420 \ Z = 0
1430 IF C(Z) < 18 THEN 1460
1450 GOTO 1480
1460 D7 = 53 'DIC - CHILD
1470 D2 = D7 + D2
1480 \quad Z = Z + 1
1490 \text{ IF } Z = C0 \text{ THEN } 1510
1500 GOTO 1430
1510 \text{ IF D2} = 0 \text{ THEN } 1540
1520 PRINT " CHILDRENS DIC
1530 PRINT USING " $$####.##";D2
1535 LPRINT " CHILDRENS DIC
1536 LPRINT USING "
                         $$####.##";D2
1540 V0 = 0 'VA EDUC - INITIALIZE AND THEN CALCULATE
1550 IF W$ = "NO" THEN 1590
1560 IF N1 < W0 THEN 1590
1570 IF N1 > W1 THEN 1590
                'VA EDUC - SPOUSE
1580 \ V0 = 376
1590 IF CØ = Ø THEN 1680
1600 \ Z = 0
1610 \text{ IF } C(Z) < 18 \text{ THEN } 1650
1620 \text{ IF } C(Z) > 21 \text{ THEN } 1650
1630 \text{ IF } C\$(Z) = "NO" \text{ THEN } 1650
1640 \text{ VØ} = \text{VØ} + 376 'TOTAL VA EDUC
1650 \ Z = Z + 1
1660 \text{ IF } Z = C0 \text{ THEN } 1680
1670 GOTO 1610
1680 \text{ if } V0 = 0 \text{ THEN } 1720
1690 VØ = VØ*.75 'ADJUSTED FOR 9 MONTH/YEAR USE
1700 PRINT " TOTAL VA EDUCATION ";
1710 PRINT USING " $$####.##"; VO
1712 LPRINT " TOTAL VA EDUCATION ";
1714 LPRINT USING " $$####.##"; VØ
          'CALCULATE SS BENEFITS
1730 IF T3 < T2 THEN 1760
1740 \text{ S3} = W8 - (W8 * .00475 * (65 - T2) * 12) 'SPOUSES SS OLD
AGE
1741 \text{ IF } T9 = 1 \text{ THEN } 2391
1750 GOTO 1770
1760 \text{ s3} = 0
1770 \text{ S7} = .75 * \text{W8}
                        'CHILD SS SURVIVORS
1780 S6 = 0 'CHILDRENS SS SURVIVORS
1785 \text{ W9} = \text{W8} * 1.75
                          'SS MAXIMUM FAMILY BENEFIT
1800 Y1 = 0 '# CHILDREN LESS THAN 18 YRS OLD
1810 Y = 0 'SPOUSES SS SURVIVORS
1820 \ Z = 0
1830 \text{ IF } CØ = Ø \text{ THEN } 2160
1840 IF C(Z) > 15 THEN 1860
```

```
1850 Y = .75 * W8
1860 \text{ if } C(Z) > 17 \text{ THEN } 1880
1870 \text{ Y1} = \text{Y1} + 1
1880 Z = Z + 1
1890 \text{ IF } Z = C0 \text{ THEN } 1910
1900 GOTO 1840
1910 \ S6 = Y1 * S7
1920 \text{ IF } Y1 = 0 \text{ THEN } 2160
1930 IF S3 < Y THEN 1960
1940 Y = S3
1950 \text{ } \text{Y9} = 1
1960 \text{ IF } Y = 0 \text{ THEN } 2050
1970 IF S6 + Y > W9 THEN 2000
1990 GOTO 2090
2000 IF S6 > W9 THEN 2020
2010 \text{ IF W9 - S6} > \text{W9} / (Y1 +1) \text{ THEN } 2030
2020 Y = W9 / (Y1 + 1)
2030 \text{ S6} = (W9 / (Y1 + 1)) * Y1
2040 GOTO 2090
2050 IF Y1 * S7 > W9 THEN 2080
2070 GOTO 2090
2080 \text{ S6} = \text{W9}
2090 \text{ IF } S6 = 0 \text{ THEN } 2110
2100 PRINT " CHILDRENS SS SURVIVORS":
2101 PRINT USING " $$####.##";56
2102 LPRINT " CHILDRENS SS SURVIVORS";
2103 LPRINT USING " $$####.##"; $6
2110 \text{ if } Y9 = 1 \text{ THEN } 2160
2120 \text{ IF } Y = 0 \text{ THEN } 2160
2130 PRINT " SPOUSES SS SURVIVORS";
2140 PRINT USING " $$####.##";Y
2142 LPRINT " SPOUSES SS SURVIVORS";
2144 LPRINT USING " $$###.##";Y
2150 S3 = 0
2160 \text{ IF } S3 = 0 \text{ THEN } 2190
2170 PRINT " SPOUSES SS OLD AGE ";
2180 PRINT USING " $$###.##";$3
2182 LPRINT " SPOUSES SS OLD AGE ";
2184 LPRINT USING " $$####.##"; $3
2190 \text{ IF AS} = "NO" \text{ THEN } 2260
2195 'CALCULATE SBP (OFFSET APPLIED) (S2)
2200 \text{ IF } C0 = 0 \text{ THEN } 2208
2201 z = 0
2202 29 = 0
2203 IF C(Z) > 15 THEN 2205
2204 \ Z9 = Z9 + 1
2265 Z = Z + 1
2206 \text{ IF } Z = C0 \text{ THEN } 2208
2207 GOTO 2213
2208 IF Z9 > 1 THEN 2211
2210 GOTO 2213
2211 O2 = Ø 'PART OF SBP OFFSET
2212 GOTO 2221
2213 IF T3 < 62 THEN 2220
```

```
2214 IF T2 < 62 THEN 2220
2216 T9 = 1
2217 GOTO 1740
2220 \ O2 = S3 + Y
2221 IF 02 < .4 * (SØ - DØ) THEN 2240
2230 O2 = .4 * (S0 - D0)
2240 S2 = S0 - D0 - O2
2250 GOTO 2270
2260 \text{ S2} = 0
2270 IF S2 = 0 THEN 2292
2280 PRINT " SURVIVORS BENEFIT PLAN";
2282 PRINT USING " $$####.##";S2
2284 LPRINT " SURVIVORS BENEFIT PLAN";
2286 LPRINT USING " $$####.##"; $2
2292 \text{ T7} = D0 + D2 + V0 + Y + S6 + S3 + S2 'TOTAL OF BENEFITS
2293 PRINT USING " TOTAL BENEFIT AMOUNT $$###.##";T7;
2294 PRINT " (1) - (2) = (+/-) (3)"
2295 LPRINT USING " TOTAL BENEFIT AMOUNT $$###.##";T7;
2330 PRINT "
                           + OTHER INCOME
                                                            (3) * 12
                      (+/-) (4)
+ OTHER INCOME
2331 PRINT "=
2332 LPRINT "
                                                            (3) * 12
2333 LPRINT "=
2335 PRINT "
                        2336 PRINT USING "#.##"; PV3;
2337 PRINT USING "(OR #.##"; PV5;
2338 PRINT ") ="
2340 PRINT "
                                                         PRESENT";
2340 PRINT "
2342 PRINT " VALUE OF"; N1; "* (+/-) *"
2345 LPRINT " = TOTAL INCOME (1) (4) * ";
2346 LPRINT USING "#.##"; PV3;
2347 LPRINT USING "(OR #.##"; PV5;
2348 LPRINT ") ="
2349 LPRINT "
                                                           PRESENT";
2350 LPRINT " VALUE OF"; N1; "* (+/-) *"
2351 T3 = T3 + 1
2354 N1 = N1 +1
2356 Z = \emptyset
2358 C(Z) = C(Z) + 1
2360 \text{ IF } C0 = Z \text{ THEN } 2380
2365 Z = Z + 1
2370 GOTO 2358
2380 IF T3 > 80 THEN 2396
2385 PRINT "----";
2386 PRINT "----";
2387 LPRINT "----";
2388 LPRINT "-----
2390 GOTO 1330
2391 T9 = \emptyset
```

```
2392 O2 = S3 + Y
2393 IF T3 < T2 THEN 2395
2394 S3 = \emptyset
2395 GOTO 2221
2396 PRINT "----";
2397 PRINT "-----"
2398 LPRINT "-----
2399 LPRINT "-----
2400 PRINT " TOTAL YEARLY PRESENT VALUES (*__*)
2402 PRINT " **(+/-) ____**"
2403 PRINT
2403 PRINT

2404 LPRINT " TOTAL YEARLY PRESENT VALUES (*__*)

2406 LPRINT " **(+/-) ____**"
2408 LPRINT
                  NET HOUSING EQUITY/DEFICIT (STEP 3) ";
2410 PRINT "
2412 PRINT " (+/-) "
2413 PRINT
2414 LPRINT " NET HOUSING EQUITY/DEFICIT (STEP 3)
2416 LPRINT " (+/-) "
2418 LPRINT
2420 PRINT " NET IMMEDIATE EXPENSES (STEP 11) ";
2422 PRINT " (+/-) "
2423 PRINT
2424 LPRINT "
                     NET IMMEDIATE EXPENSES (STEP 11) ";
2424 LPRINT " NET IMMEDIATE
2426 LPRINT " (+/-) _____"
2428 LPRINT
               CURRENT CASH/LIQUID NEEDS (STEP 12)
2430 PRINT "
2432 PRINT "
2433 PRINT
2434 LPRINT " CURRENT CASH/LIQUID NEEDS (STEP 12) ";
2436 LPRINT " (-) "
2438 LPRINT
2440 PRINT " CURRENT CASH/LIQUID POSITION (STEP 13)
2444 LPRINT " CURRENT CASH/LIQUID POSITION (STEP 13)
2446 LPRINT " (+)____"
2448 LPRINT
2458 LPRINT "

2450 PRINT "

2452 PRINT "

2453 LPRINT "

TOTAL CURRENT NEEDS AND POSITION "

TOTAL CURRENT NEEDS AND POSITION
2454 LPRINT "
                 (+/-)____"
2455 STOP
2460 RETURN
```