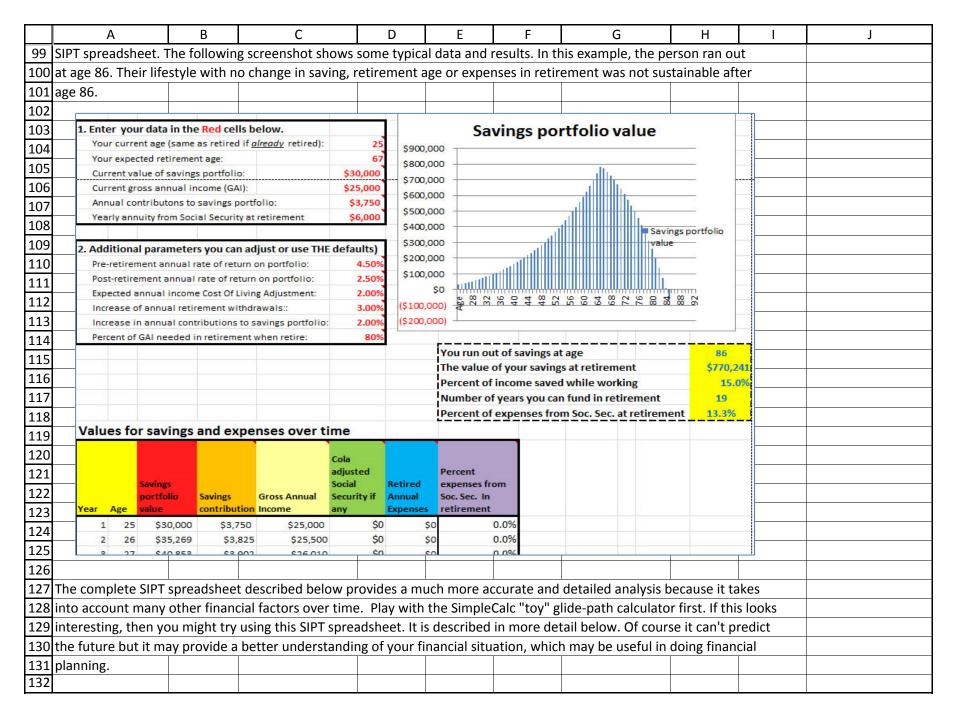
	А	В	С	D	Е	F	G	Н	I	J
1	File: SIPT.xls	E	lementary glide	-path calcu	lator (Sim	pleCalc)		<b>Next SIPT</b>	workshee	t (Assumptions)
2										
3	Simplified I	ncome-	Stream Pla	nning T	ool					
4	Calculate a financ	ial Glide-Pa	ith from yearly C	ash-flows,	Income St	reams, Exp	enses, Investme	nt Accoun	ts and Tax	es
5										
6	This Excel spreadsh	eet is design	ed for people who	want to pl	an for futui	e income, s	saving, and spendi	ng needs. It	calculates	rough
-	estimates of saving									
-	required by the mo									
-	and expenses. The									
10	calculations are do	ne only in th	is spreadsheet. No	data are ex	ported or	saved from	the spreadsheet (e	either locall	ly or to the	
11	Internet). Once the	data are en	tered, the spreads	heet estima	tes yearly o	:ash-flows ເ	using income from	various sou	urces: work	,
-	pensions, Social Se									
13	457(b), IRAs, Roths	, and savings	investment accou	unts. The sp	readsheet e	estimates y	early investment re	eturns, taxe	es on	
-	investment return									llows
15	for scheduled and i	irregular (up	coming additional	) contributio	ons and wit	hdrawals fo	or investment acco	unts (IRA, F	Roth, Saving	gs)
16	as well as for sched	luled and irre	egular expenses a	nd deductio	ns. From th	is data, the	spreadsheet then	calculates	yearly net	
17	worth. The glide-p	aths created	are useful for inve	estigating di	ifferent pla	nning scena	arios by making cha	anges to inp	outs.	
18										
19	The SIPT software	may be run i	n a variety of spre	adsheet pro	grams inclu	iding Windo	ows Excel, the free	OpenOffic	e or LibreO	ffice
20	"calc", Google "she	et". The spre	eadsheet doesn't i	use Microso	ft Visual Ba	sic as VBA i	is not available in a	all spreadsh	eet	
21	programs. Apple's	"numbers" s	preadsheet progra	am has some	e incompati	bilities, so	use either Excel fo	r Mac or on	e of the fre	ee
22	spreadsheet progra	ams.								
23										
24	Why model? Altho	ugh models l	by nature are impi	recise, calcu	lating a rou	gh estimate	e of your income st	tream may	be useful fo	or
25	financial planning.	The spreadsl	heet represents a	compromise	e between o	complexity	and completeness	and leans i	n the direc	tion
26	of a simpler model	. As statistici	an George Box no	ted, "All mo	dels are wr	ong, but so	me are useful." To	illustrate t	he concept	of
27	glide-path modelin	g, a very cru	de glide-path calcı	ulator, "Sim	pleCalc", is	available (b	ooth in the SIPT sp	readsheet a	and as a sep	parate
28	spreadsheet). This	may be usef	ul for you to expe	riment with	to better u	nderstand t	the concept of glid	le-path befo	ore using th	ne
29	full SIPT spreadshe	et, which use	es a more complet	e financial p	olanning mo	odel. These	spreadsheets are	educationa	l tools.	
30										
31	Last revision:	9/3/2016	V.0.24.17	Beta**						
32	See	Appendix D		for the list	of outstand	ing issues (1	things TODO), and	full REVISIO	ON-LIST	
33										

	А	В	С	D	E	F	G	Н	1	J
34	Note: The spreadsh	neet will be r	evised each year af	ter new Tax	Tables & C	ap-Gains/Di	v. rates & tax rules	are annou	nced.	
35										
36	© P. Lemkin 2012-2	2016								
37	GNU General Public	c License, ve	rsion 3.0 (GPLv3) at	•	http://ope	nsource.org	g/licenses/gpl-3.0.h	<u>ntml</u>		
	See the full license de	escription sec	tions 15. Disclaimer o	f Warranty a	nd 16. Limita	ation of Liabi	lity for details.			
39										
40	** For more on Bet	a-level soft	ware see	https://en.	wikipedia.o	rg/wiki/Sof	tware_release_life	<u>cycle</u>		
41										
42	"Forever	Rota"								
43			wait - one more tl	hing. 😕 L	Done! 🙂			<u> </u>		
45	Vers	ion 0.123.7	No, still not quite	right. 😕	Done! 🙂			į –		
46			23.8 Well, still not o			ne! 💮				
47	<u> </u>		0.123.9 Added a ne		Section 2000	and the same of th	as @ Donel @	, i		
48	i i		on 0.123.10 Oops,							
49		rersu	on 0.125.10 Oops,	atan i impi	етет јеш	are correct	iy. O Done:			
50	<u>i</u>		• •					į		
51	-							!		
52	Cartoon by Tai	rTar, 10-15	-2015							
53	1									
54										
55	Table of Cont	tents fo	Introduction	1						
56	Introduction									
	1. Description of th									
58	•		questions that can I	pe investiga	ted using th	nis spreadsh	eet			
59	1.2 Types of pers									
60	1.3 How the spre									
61	1.4 Brief list of th									
62	•		ream cash-flow and							
	2. The two versions	of the SIPT	spreadsheets you c	an downloa	d: "Demo"	or "User"				
64	2.1 Disclaimer									
	3. Detailed directio	<u>~</u>								
66	4. A detailed list of	all workshe	et tables and section	ns is in Appe	endix A					

	А	В	С	D	Е	F	G	Н	I	J
67	5. Notes on the cur	rent version	of the spreadsheet	- what it do	es and doe	s not handle	9			
68										
69	Documentation i	n additiona	l worksheets							
70	Click on the any of	the following	g hyperlinks to go to	the worksl	heets					
71	<b>Assumptions</b>	Summary lis	st of all settings in Se	etup, and A	geData thro	ough <b>Expen</b> s	seData worksheets	;		
72	<u>Results</u>	Glide-path o	of income from Inco	me & Witho	drawal sour	ces less Exp	enses & Taxes			
73	Resources	Lists of artic	cles, literature, web	sites related	d to financia	al planning				
74	Appendix A	List of all wo	orksheets, describin	g their table	es and section	ons				
75	Appendix B	Extra calcula	ators (not tied in wi	th the rest o	of the sprea	dsheet)				
76	Appendix C	Glossary - d	efinitions of terms ι	used in the s	spreadsheet	t				
77	Appendix D	List of outst	anding issues (Thing	gs TODO and	d CHECK), a	nd REVISIO	N-LIST History			
78	FAQ	Answers to	Frequently Asked Q	uestions						
79										
80										
81	Introduction									
82										
83	The Concept									
84	While saving for fu	ture expend	itures such as retire	ment, a nev	v house, or	a college ec	lucation for your cl	nildren you		
85	might wonder if yo	u are saving	enough or spending	g too much	on current o	expenses. If	you are near or in	retirement	t,	
86	the spreadsheet let	ts you estima	ate, using a static m	odel, your i	ncome strea	am and whe	ether it will cover y	our expens	es.	
			el such as those usin				•			
	· · · · · · · · · · · · · · · · · · ·		ok at your finances						3	
		•	e? How rapidly are y							
	· · · · · · · · · · · · · · · · · · ·		re doing to make su							
			our retirement glide	•		<b>n</b> workshee	et gives an overviev	v and a <b>FAC</b>	2	
	worksheet provide	s answers to	some Frequently A	sked Questi	ons.					
93										
94			Planning Tool (SIPT						wer	
			ly - both for near te							
			e on-line (see <b>RS. Re</b>			-		r of these	Cimaria	
	types of glide-path calculations, we provide an additional very simple one in the worksheet  Note, the SimpleCalc worksheet is used just to introduce the concept of glide-path and is not part of the rest of the									
98	ivote, the SimpleCa	iic worksnee	et is used just to intr	oduce the o	concept of g	giide-path ai	nu is not part of the	e rest of the	е	



	А	В	С	D	Е	F	G	Н	ı	J								
133																		
134	1. Descriptio	n of the	SIPT Spreads	sheet														
135																		
136	This spreadsheet so	oftware com	putes a rough estin	nate of year	ly income a	nd expense	flows as various in	come sourc	es and									
137	expenses come and	d go over tim	ne. Results are calcu	lated at the	end of eac	h year. It us	es a yearly "cash fl	ow" calcula	tion defined									
138	as the sum of incor	ne and with	drawals, and subtra	ction of exp	enses, cont	ributions ar	nd estimated taxes	are subtrac	ted. Any									
139	funds left over eacl	h year in the	cash account are sa	aved back ir	to the inve	stment taxa	ble savings accoun	t for the ne	xt year.									
140	Similarly, in years v	vith a cash s	hortfalls, funds are	taken from	the savings	account the	next year. The spi	readsheet										
			g of a number of wo															
142	spreadsheet as a w	hole is calle	d a workbook which	n in turn is a	collection o	of workshee	ts. Clicking on one	of the tabs	at the									
143	bottom of the wind	low will brin	ng up that particular	r worksheet	•													
144																		
145	Setting up the sp	readsheet																
146	Use the <b>S. Setup</b> w	orksheet to	specify which works	sheets you v	vill need to	fill out. It w	orks with one pers	on S1 or tw	o people									
			n be married or unm							g.								
148	In Excel, you switch	n between w	orksheets by clickin	ng on the wo	rksheet tab	at the bott	om of the Excel wi	ndow or by										
149	clicking on workshe	eet hyperlink	ks (blue font with ar	n underline)	available th	roughout tl	he spreadsheet. Th	e <b>R. Results</b>	<b>s</b> worksheet									
150	summarizes data co	omputed on	the other data wor	ksheets bot	h as tables	and as grapl	hs of the data in th	e tables. Th	e results									
	are updated when	data is chan	ged in any of the ot	her data en	try workshe	ets.												
152																		
-			ertise and familiarit															
-			ed in the SIPT spread															
155	to switch between	different wo	orksheets that focus	on particul	ar types of	data (e.g., v	vork income, Socia	I Security be	enefits, IRAs	1								
-	expenses, etc.).																	
157																		
158	Types of persona	l data requ	ired															
159	One or more income sources can be defined and include: work income, pensions, Social Security, and annuity payouts. There																	
160	0 are three types of investment accounts including: tax-deferred deductible IRA, Roth IRA, and savings (taxable investments), bank																	
161	1 bank accounts, and CDs). For purposes of the spreadsheet, 401(k), 403(b), 457(b), Traditional-IRA, Rollover IRAs are considered to 2 to be tax-deferred IRAs. Similarly a Roth-401(k) is considered a Roth IRA. This is because after you retire, retirement accounts																	
			•				•											
-			r-IRA" and Rollover															
-	withdrawals to each of the spreadsheet investment accounts. An irregular event is an upcoming one-time event occurring																	
165	in a particular year.	. You may sp	ecify expenses as b	oth schedul	ed and irre	gular events	. You might think	in a particular year. You may specify expenses as both scheduled and irregular events. You might think about your list of future										

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166	irregular expenses	as a plannir	ng tool for your futu	re expenses	in your "Bເ	ıcket List" -	such as college exp	enses, reti	rement, trip	S,
167	gifts, etc. (See the	discussion o	f the 2007 comedy f	ilm <u><b>The Buc</b></u>	ket List		http://en.wikipedi	a.org/wiki/	Bucket_list	
168	for a nice definition	n.) The sprea	adsheet calculates yo	our remaini	ng assets ye	arly so you	can use this for pla	ınning futuı	re expenses	•
169										
170	Income sources are	e: work inco	me, pensions, Social	Security, ar	nd annuity b	penefits. Inv	estment accounts	include tax	-deferred	
			vestment accounts.							, , , , , , , , , , , , , , , , , , ,
172	Expenses and tax d	eductions a	re entered in the <b>10</b>	. ExpensesD	<b>ata</b> worksh	eet. Taxes a	are then estimated	on the tota	ıl taxable	
			quire you specify th							
		•	Investment contrib				•		•	
		yearly even	ts and by irregular e	vents. Irregi	ular events	are specifie	d at particular ages	rather tha	n on a	
	yearly schedule.									
177										
-			e for a particular yea							
			blem, one could pos							
			xpenses to make the	cash-flow	positive if it	were sever	ely negative. The s	preadsheet	warn	
_	if this situation hap	pens in <b>R.R</b>	esults section R.8.							
182										
183		_	_							
	<u>-</u>		f the questions							
185	Here are some ex	camples of	questions that mig	ht be answ	vered using	the SIPT.	The details on the	e question	s are	
186	described in the a	appendix F	AQ number 13.							
187	Q.1 Will I run out	of money d	uring retirement?							
188	Q.2 Will the mon	ey being sav	ed for college exper	ises (or a ne	w home or	cars, etc.) k	pe adequate?			
189			drawals on my tax-de							
190			m Social Security, ar							
191	Q.5 How will irreg	gular expens	ses affect my future	income stre	am throug	h retiremer	nt?			
192			could I earn long ter				k portfolio (more s	tocks)?		
193			erent levels of inflati							
194	Q.8 What would t	the effect be	e of adding annuities	during reti	rement? W	hat if I start	ed them at differer	nt times?		
195										
196										
197	1.2 Types of pe	ersonal da	ata required							
198	Specify the starting	and ending	ages for each incom	ne stream (v	work, pensi	on, Social Se	ecurity, and/or ann	uities), and	do	

	А	В	С	D	Е	F	G	Н	1	J
199	this independently	for each spo	ouse S1 and S2. Spec	ify the expe	ected avera	ge market r	eturns for stock, bo	onds and ca	sh	
200	(fixed income) in yo	our investme	ent portfolio. Histori	cally, appro	ximately 90	% of your p	ortfolio return is d	etermined	by your	
201	asset allocation (ro	ughly the st	ock:bond ratio). In a	addition, sp	ecify (the sa	me or diffe	rent) Cost Of Living	g Adjustmer	nts	
202	or COLAs for each o	of these inco	me streams that inc	rease the ir	ncome and	expenses by	that percentage e	ach year. A	lso	
203	specify the expecte	d Consumer	Price Index (CPI) th	at can used	as a defaul	t for the va	rious COLAs you ne	ed to enter	•	
204										
205	<b>Types of Savings</b>									
206	Similarly, specify th	e age range:	s for scheduled inve	stment (IRA	A, Roth, taxa	able savings	) contributions and	l withdrawa	ls for S1	
	and S2. The IRA and									
	and where insurance									
	fixed amount and v									
_	irregular contributi									
	for both S1 and S2.								-	
_	new house at the sa									
	sum of the schedul	ed and irreg	ular contributions a	nd withdrav	wals respec	tively each y	ear. These are trac	cked separa	tely for	
	S1 and S2.									
215										
	Types of Expense	-								
	Expenses are specif									
	expense events. W	•	•							
	from the cash-flow.									
	Otherwise, the star						<del>-</del>			
_	taxes that are comp									
	not as an AGI-depe				iay also hav	e various de	eduction levels asso	ociated with	n different	
	types of pensions,	etc. which a	re not taken into ac	count.						
224		• • •	. (04)		/04 100					
	It can be used by		<del> </del>		-	•		·		
	If there is no individ									
	S1 and S2 can be m									
_	or Married Filing Se				use Head of	Household	(HH). However the	unmarried	1 S1 and S2	
	should only use the	l ax filing st	atus Single Filing (Si	-). 						
230		- 4								
231	Limitations on the	e types of s	static types of calc	ulations d	one in the	spreadshe	et			

	Α	В	С	D	E	F	G	Н	l	J
232	The computations	use fixed es	timates you specify f	for various p	parameters	including a	fixed CPI, fixed CO	LAs, fixed s	tock and	
233	fixed income retur	ns whereas i	in reality these all ch	ange year t	o year, intr	oducing maj	jor changes in the a	actual resul	ts. It does	
234	not address the pro	oblem of sec	quence of returns an	d sequence	of withdra	wals that ca	n radically affect lo	ong-term re	turns. The	
235	reality is that all fu	ture rates o	f returns, CPIs, COLA	As, tax rates	, tax rules a	nd schedule	es, deduction sche	dules, etc.,	are unknow	n.
236	However, we know	they <u>will</u> v	ary and both of thes	e factors ca	n greatly af	fect future r	esults. Better met	hods such a	as monte-ca	rlo
	·		ctual past returns ca							
			e of this spreadsheet				nink 9/11 and the 2	2008 Great	Recession.	
239	These results are re	eally ball-pa	rk estimates, but stil	I may be us	seful for pla	nning.				
240										
241										
242	1.3 How the sp	readshee	et works							
243	Each worksheet ha	s <b>INSTRUC</b>	TIONS that explain	what is nee	ded to be fi	lled out in t	hat worksheet. As	data is ente	ered,	
244	remember to save	the Excel wo	orkbook (spreadshee	et) after or o	during your	editing of th	ne various workshe	eets. Entere	ed data	
245	will not be saved u	nless you te	ll Excel (or whatever	spreadshe	et program	you are usir	ng) to save it. As yo	ou make cha	anges,	
246	saving the spreads	heet often is	a good idea. See se	ction 3. for	a more det	ailed descrip	otion on using the	spreadshee	et.	
247										
248	First, enter your	personal co	onfiguration of the	spreadsh	eet using t	he "S. Setu	ıp: worksheet"			
249	First specify which	data worksh	neets apply to you ar	nd that you	want to use	e. Go to the	<b>S. Setup</b> workshee	et to specify	the accour	nts
			uation in section <b>S.1</b>						•	
251	Specify whether to	include irre	gular contributions a	and withdra	wals in the	investment	and expense acco	unts in sect	ion <b>S.2</b> .	
252	Finally, specify whe	ether to add	scheduled contribut	tions and w	ithdrawals	for the inves	stment accounts in	table <b>S.3</b> .		
253										
254	Then enter your	Age(s) and	Tax data							
		Setup work	sheet, you should e	dit the 1. A	<b>geData</b> wor	ksheet, and	enter basic tax fil	ing data in	the <b>2. TaxD</b>	ata
256	worksheet.									
257										
258	Then enter your	data into tl	he relevant 3. Woı	kData thro	ough 10. E	xpensesDa	ta worksheets			
259	Visit each of the ot	her data-en	try worksheets that	apply to yo	u and enter	your data. I	gnore the other or	nes which o	can have	
			worksheets allow th				a table we call a "7	Table-GUI"	- for examp	le
		the glossar	y in <b>Appendix C</b> or th	ne <b>FAQ for</b> i	more detail	s).				
262										
263	Finally, view the	final result	s in the "R. Result	s" worksh	eet after a	ll your data	a is entered			
264	After all data is ent	ered, view t	he results, which are	e summariz	ed in the <b>R.</b>	Results wo	rksheet. The R. Res	sults worksl	neet present	ts

	Α	В	С	D	E	F	G	Н	I	J
265	intermediate results	s computed	in the rest of the w	orksheets ir	n a more rea	adable form	at presenting a glo	bal picture	of the	
266	glide-paths for the o	different ac	counts and compute	ed results or	n a year-by-	year basis.				
267										
268	There is some limite	ed error che	cking. See the <b>FAQ</b> i	number 15.	for details.					
269										
270										
271	1.4 Brief list of	the work	sheets							
272	The worksheets a	re color co	ded by function. W	Ve list the r	main purpo	se of the f	following worksh	eets. See e	each works	heet
273	for more details.									
274										
275	Introduction and	Resources	worksheets are whit	te.	additional	documenta	ition			
276	SimpleCalc work	sheet:	<u>SimpleCalc</u>		elementar	y glide-path	calculator			
277										
278	Appendices A, B,	, <b>C, D</b> works	heets are		additional	documenta	ition			
279										
			at any time of all you	ur settings ii						S.
281	Assumptions wo		<u>Assumptions</u>				tings by user in the	other wor	ksheets	
	The <b>Assumptions</b> w	vorksheet is	not edited since it s	summarizes	the other o	lata worksh	eets.			
283										
284	Results workshe		R. Results			•	eet glide-path resu	lts <b>after</b> ei	ntering your	data
-	The <b>R. Results</b> work	sheet is not	t edited since it sum	marizes the	other data	worksheets	S.			
286										
287	Configuration wo	orksheets:	S. Setup				re spreadsheet (ind			
288			1. AgeData				et returns, insuranc	e used thro	oughout spre	eadsheet
289			2. TaxData	1	enter Fede	ral tax data	and filing status			
290										
			one or more source	es of yearly						
292	Income workshe		3. WorkData				e work income date			
293			4. Pension Data				e pension income d			
294			5. SocSecData				e Social Security inc		if any	
295			6. AnnuityData		enter curre	ent or future	e annuity income d	lata, if any		
296										
297	The investment acco	ounts are al	lso a source of mone	ey through t	aking witho	Irawals (as v	well as allowing co	ntributions	).	

	А	В	С	D	Е	F	G	Н	I	J
298	Investment wor	ksheets:	7. IRAdata		enter tax-a	deferred IR/	accounts data, if a	any (curren	t or future)	
299			8. RothData		enter Roth	IRA accour	nts data, if any (cur	rent or futu	ire)	
300			9. SavingsData		enter taxa	ble savings	accounts data, if a	ny (current	or future)	
301										
302	This is the workshe	et where yo	u enter your yearly	expenses						
303	Expense worksh	eet:	10. ExpensesData		enter expe	enses data (	current or future)			
304										
			ow is computed fror	n (Income +	- Withdrawa	als - Contrib	utions - Expenses -	Taxes)		
-	You don't edit the <b>C</b>		T.							
307	Cash-flow works	sheet:	11. CashData		summarize	es the cash j	flow from the other	worksheet	ts	
308										
			withdrawals is in the							
			sheet unless the IRS	updates its						
311	RMD table work	sheet:	12. RMDtable	1	contains ti	he IRS Requ	ired Minimum Disti	ribution dat	ta	
312										
			worksheets accoun							
	_	, rates of re	eturn (ROR), COLAs, e	etc.). There	is a detailed	d list of all the	nese worksheets ta	bles and se	ections in	
	Appendix A.									
316										
			except for the red co							
			ed cells might corru	· · · · · · · · · · · · · · · · · · ·		•	· ·	red cells w	here	
			t can be unprotected							
	on <u>Unprotect works</u>	<u>sheet</u> . For n	nore details on prote	ecting/unpr	otecting wo	rksheets, se	ee <b>RS. Resources R</b> S	S.9 Excel re	sources.	
321										
322	_		_		_	_				
323	1.5 How the ye	arly inco	me stream cash	-flow an	d net wo	rth are ca	alculated			
324	Both scheduled and	d irregular w	vithdrawals taken fro	om the tax-o	deferred IRA	A, Roth IRA,	and savings accour	nts are add	ed to the	
325	cash-flow in the 11	. CashData	worksheet. Both sch	eduled and	irregular Ex	( <b>10</b> .	<b>ExpensesData</b> wo	rksheet) an	ıd Federal aı	nd
_			eet) are taken from	the cash ac	count. The	following ed	quations give a top	-level expla	ination of th	ne
	computations. For	each year y,								
328										
329			ithdrawals(y) - Savir	_				nce Payout	(y)	
330	Withdrawals(	y) = Savings	sWithdrawals(y) + IF	RAwithdraw	vals(y) + RO	THwithdra	wals(y)			

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331			C			'				
	Then, the cash bala	nce is adde	d (subtracted if nega	tive) to the	savings acc	count for the	e next vear.			
_			rawals into account							
334										
335	Savings(v+1)	= [Savings(v	) + SavingsContribu	tion(y) - Sav	vingsWithd	rawal(v)] *	(1+SAVINGSreturi	n) + Cash(v	<i>(</i> )	 
336			ontribution(y) - IRA					, ,,		
337			ROTHcontribution(y)				Hreturn)			
338							-			
339	If large future expe	nses planne	ed, you may want to	lower expe	nses and/or	withdraws	some of the money	1		
340	over several years t	from the tax	c-deferred IRA, or tax	kable saving	s with high	unrealized	capital gains to hel	p pay for tl	hem. Doing	
341	this over several ye	ears prior to	the expense may po	ossibly avoid	d going into	a much hig	her marginal tax b	racket. The	n when	
342	this additional mon	ey is added	to the Cash-flow, th	e expenses	will be cove	ered and th	e Cash-flow will no	t show a ne	egative	
343	amount. There is a	n option in t	the <b>11. CashData</b> wo	rksheet to r	ebalance s <sub>l</sub>	oouse S1 an	d S2 by rebalancin	g cash betv	veen	
344	them for a year in v	which one o	f them has a negativ	e balance. ٦	This is enab	led in the <b>S</b> e	etup <b>S.2</b> worksheet	t. If the cas	h flow for	
345	either S1 or S2 is ne	egative, it th	nen subtracts the neg	gative amou	int from the	e positive or	ne so the one with	extra cash	may help	
346	out the other who	has a negati	ve balance.							<u> </u>
347										
			ash is handled at t							
			stment withdrawals							
	•		are "removed" or s						-	
_	·		ed or (removed) fror					•		
_			uled and unschedule							L
_			ecific schedule (e.g.,	1%/year) or	on an irreg	gular basis s	uch as a particular	withdrawa	I for a new c	ar
	as a specific dollar	amount (e.g	g., \$22,000).							-
355										<u> </u>
	How life insurance									L
			ut for S1 and/or S2 f					ayout is ad	ded to the in	icome
	in <b>9. SavingsData</b> t	able <b>9.4.2.1</b>	tax-free to the savii	ngs accordir	ng to the pa	yee (S1, S2	or Other).			
359										
360	_		_		_					
			he SIPT spreads							
362	The spreadsheet is	distributed	in two different vers	ions depen	ding on wh	ether it has	demonstration (de	emo) data c	or not.	
363	The demonstration	(Demo) ve	rsion has all data-en	try workshe	eets data se	t up for der	nonstration purpos	ses to gives	5	L

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364	typical examples of	reasonable	values. However, t	o make it ea	asier to ente	r your data	, a <b>User</b> version is	provided w	th all data		
365	entry fields set to b	lank (or \$0	or 0%) as appropriat	e.							
366											
367	The spreadsheet	files are dis	tributed with the	name, vers	sion numbe	er, and revi	ision data as part	of the file			
368	The file names for	r both vers	ions of the " <u>Simpli</u>	fied-Incom	e-Planning	<u>-Tool</u> " are	prefixed with "SI	PT-".			
369	For example, the	version nu	<u>mber</u> is indicated a	as:	V.0.19.2						
370	This is followed b	y the relea	se date indicated b	y:	11-8-2015a	1					
371											
372		a) full de		SIPT-Demo	-V.0.19.2-1	1-8-2015a.:	xlsx				
373		b <b>)</b> no der	no data	SIPT-User-	V.0.19.2-11	-8-2015a.xl	sx				
374											
375	a) The <b>Demo</b> version	n is the spr	eadsheet with full do	emonstratio	n data. It is	useful for v	viewing examples o	f date you	might enter		
376			ople's situations, you								
377	-	*	adsheet has no dem								
378		either <mark>\$0</mark> or	0.0% in all data-ent	ry workshe	ets. All work	sheets are	unselected in worl	sheet <b>S. Se</b>	tup.		
379											
			e the demonstrat				· ·				
			ise any particular da		•			•			
			ne data worksheets								
	•		y setting the incom						them from		
			nt returns for the in		•						
			current year for each					+ or -).			
	•		sables the use of Irr								
	•		eet <b>S.3</b> enables/disa	ibles the us	e of schedul	ed contribu	itions and withdrav	wals by			
	selecting "yes" or "	no".									
389											
	2.1 Disclaimer										
	91 This software attempts to model an income stream from several different income sources, investment withdrawals,										
	92 expenses, taxes and cash-flows over time. No claim is made to the accuracy, suitability, and correctness of the										
	93 algorithms. Also, note that the further out one goes over time, the less accurate any estimates will be. Since the										
	odesignature of the static models and static rates of return, CPI, etc. that are entered, it will not track actual market values										
			only Excel formulas								
396	all computations a	is desired. E	ecause it uses gene	ric spreads	heet coding	(with no V	BA), it will run in a	variety of			

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397	spreadsheet progra	ams such as	Windows Excel, fre	e OpenOffi	ce or Libre(	Office "calc'	', free Google "she	et", etc U	se this	
398	software at your or	wn discretio	on and risk as an init	ial way to t	hink about	personal fi	<mark>nance problems. T</mark>	his is educa	tional	
399	software. Absolute	ely no warra	nty is offered for th	is software	and no res	ponsibility i	<mark>is taken for any er</mark>	rors in. or u	se of	
400	the software.									
401										
402										
403	3. Detailed dire	ections fo	r using the spre	adsheet						
404	This section elaboration	rates on th	ne discussion in the	e above. " <b>1</b>	3 How th	e spreadsh	<b>neet works</b> " secti	on.		
405	The spreadsheet as	it is distribu	ited has demonstrat	ion data en	itered in <mark>re</mark> c	cells throu	igh the worksheet.	Enter data	by	
406	overwriting the der	monstration	data. Save your spre	eadsheet w	ith a new fi	le name as y	you make changes.	The demor	nstration	
	•	•	wers to give an idea		alues. Note	that negativ	ve numbers are sho	own as red		
	(\$1,234) rather tha	n -\$1,234, a	and should not be ed	lited.						
409										
410	The first workshe	ets you sh	ould use to enter y	your data						
		•	to your personal sit				S. Setup		sections <b>S.</b>	<b>1</b> to <b>S.3</b> .
412	, , ,	•	ecified in <b>S. Setup</b> se							1. AgeData
413			worksheets since th					•		е
			e applicable to you,							
	•		e irregular contribut					•		
			ne spreadsheet to us							
	Most of the <b>S.2</b> and	in <b>S.3</b> req	uire a " <mark>yes</mark> " or " <mark>no</mark> "	answer with	n one quest	ion using ha	aving a " <b>keep</b> " or "	remove" qu	uestion.	
418	Then, enter data	in other w	orkshoots							
	· ·		ration in the <b>S. Setu</b>	1 AgoDo	to and 2 To	vData work	chasts antartha	ost of your		
			WorkData through :					•	1	
			enter data in the rec							
			is Excel window or b							
			neet (see an example							
$\vdash$	also have hyperlink		•	c at the bot	torri or triis	Worksheet	. Some Worksheet.	, (iike tiiis o	inc) wiii	
426	also have hyperillik	S to other W	OINSTICCES.							
427	3. WorkData	4. Pensioni	Data, 5. SocSecData,	. 6. Annuitv	Data, 7, IR	l Adata, 8. Ro	ı hData, 9. Savings	Data, 10, F	xpensesDat	 a
428	J. Tronkbata,		, J. JJ00000000000	, 5.7						<del>-</del>
	If a particular data	worksheet o	loes not apply to on	e of the spo	uses S1 or S	S2, or there	is no spouse S2. th	nen just ent	er <b>\$0</b> for an	V
	•		val, etc. amounts for	•			<u> </u>			•
		,	, 0.00					- 12 G C	. 300	• •

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431	the various data so	urces. Altho	ugh by not using tha	at workshee	t specified	in <b>S. Setup</b> :	section <b>S.1</b> , it will a	lso ignore t	hat data.	
432										
433	Finally, view you	r results in	the "R. Results" w	orksheet						
434	As you enter the data into the various worksheets, the spreadsheet will automatically recompute the other worksheets that use									
			s. In particular, they				R. Results			e how changes
	in any worksheet affects the results by going back and forth between the R. Results worksheet and the data worksheet you are									
		n. In additi	on, the user entered	d data is acc	umulated ir	n an	<u>Assumptions</u>		worksheet	•
438										
_	· · · · · · · · · · · · · · · · · · ·		onfigurations afte			<u> </u>				
			am in various ways							
			arious income sourc		<u> </u>					ıld
_			r claiming Social Sec						~	
			reduce certain exper		e	FAQ	"13. What types o	f questions	might be in	vestigated
_		<i>eet?</i> " entry	for some suggestion	ns.						
445										
	Where you may e			: . :						
			s indicates whether		r data entry	or displayii	ng results.			
448			er or edit data in R	_						
449		ORANGE C	ells are normally i	not change	d unless t	he IRS cha	nges various tax	rates (do r	ot edit).	
450		<b>BLUE</b> cells	are major results	or interme	ediate resu	<mark>ilts (do no</mark> t	t edit).			
451		<b>BLACK</b> cell	s are intermediate	e computa	tions (do r	not edit).				
452		<b>GRAY</b> area	s of the other wo	rksheets in	dicate wh	ere the an	alysis has not be	en implem	ented yet	
453		and should	d be ignored.							
454										
455	Also, don't edit tables in any of the other worksheets beyond the following warning message if it is present:									
456										
457		> DO	NOT CHANGE ANY	VALUES in	the follo	wing table	s in this workshe	et. <		
458				<del></del>	<del></del>	<mark></mark>	<del></del> _	<del></del>	<mark></mark>	
459										
		st of all w	orksheet tables	s and sect	tions is ir	Append	lix A			
461						-1-1	-			
.01	l			1		1			1	

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462	Appendix A	is a detailed	d list of all workshee	t tables and	sections. A	s mentione	d, it consists of the	se workshe	ets into	
463	which you enter your personal data, those that you may have to edit when the IRS rule or data changes, a cash-flow table where									
	income and expenses are tallied, and finally the <b>R. Results</b> worksheet where results are summarized. It may be useful to look									
	through these lists to familiarize yourself with the type of data that will be needed and what types of results are presented -									
-	or just view the dif	ferent works	sheets.							
467										
468										
469	5. Notes on th	e current	version of the	spreadsh	eet - wha	at it does	and does not	handle		
	See the		for details on the w			•			andle includ	e taxes.
471	How static CPI and	returns are	handled. How tax-fr	ee muni bo	nd income i	is handled. I	How RMDs are har	idled, etc.		<u>Appendix D</u>
		tion about t	he current status inc	cluding a list	of things T	ODO and th	ne ongoing REVISIC	N-LIST histo	ory.	
473										
474		_								
475		<u>Elementar</u>	y glide-path calcu	lator (Simp	oleCalc)		Next SIPT works	heet (Assu	<u>umptions)</u>	
476										
477	Worksheet Navigation.									
478	To go to a specific	c workshee	t, click on one of t	he followir	ng:					
479		Introductio	<u>n</u>							
480		<u>Assumption</u>	<u>ns</u>							
481		R. Results								
482		S. Setup								
483		1. AgeData								
484		2. TaxData								
485		3. WorkDat								
486		4. Pension[								
487		5. SocSecData								
488		6. AnnuityData								
489		7. IRAdata								
490		8. RothData								
491 492	9. SavingsData									
492		10. ExpensesData 11. CashData								
493	11. Cashbata  12. RMDtable									
454		TT. MINIDIA	<u>vic</u>							

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495	RS. Resources				erature, we					
496	Appendix A			List of all worksheets tables & section						
497		Appendix B			lators					
498		Appendix C			Glossary of terms					
499		<u>Appendix D</u> Li			tanding iss					
500	<u>FAQ</u>			Frequently Asked Questions						

Introduction 17

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