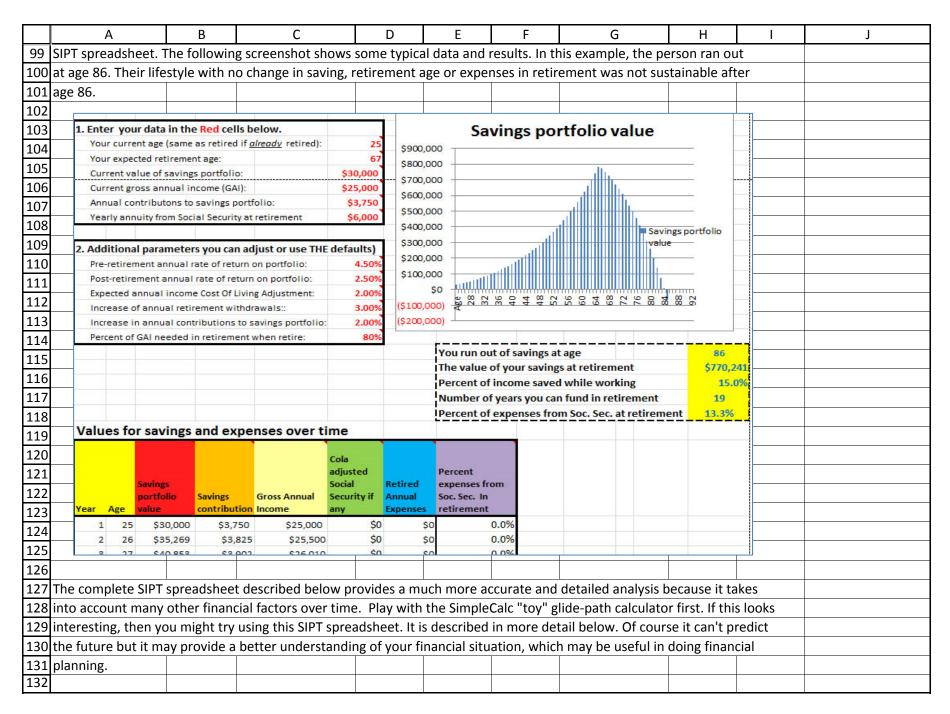
	А	В	С	D	Е	F	G	Н	I	J
1	File: SIPT.xls	E	lementary glide	-path calcu	lator (Sim	pleCalc)		<b>Next SIPT</b>	workshee	t (Assumptions)
2										
3	Simplified I	ncome-	Stream Pla	nning T	ool					
4	Calculate a financ	ial Glide-Pa	ith from yearly C	ash-flows,	Income St	reams, Exp	enses, Investme	nt Accoun	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 u	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										
29	full SIPT spreadsheet, which uses a more complete financial planning model. These spreadsheets are educational 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	/licenses/gpl-3.0.h	<u>ntml</u>		
38	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								ļ		
44	4		wait - one more th					<u> </u>		
45			No, still not quite	Day one	1000			i		
46	<u>i</u>		23.8 Well, still not a		and section 11 central	and the same of th	-	<u> </u>		
47	— <u></u>		0.123.9 Added a ne					<u> </u>		
49	—į	Versi	on 0.123.10 Oops,	didn't impl	ement feati	ure correcti	ly. 😕 Done! 🙂	<u> </u>		
50	<del>-</del> -							<u> </u>		
51	<b>—</b> i							i i		
52	Comtoon by To	-T 10 15	2015					į		
53	Cartoon by Ta	riar, 10-13	-2015							
54										
55	Table of Con	tents for	Introduction							
56	Introduction									
57	1. Description of th	e SIPT Sprea	ndsheet							
58	1.1 Examples of s	some of the	questions that can b	oe investiga	ted using th	nis spreadsh	eet			
59	1.2 Types of pers	onal data re	quired							
60	1.3 How the spre	adsheet wo	rks							
61	1.4 Brief list of th	e workshee	ts							
62	1.5 How the year	ly income st	tream cash-flow and	l net worth	are calculat	ed				
63	2. The two versions	of the SIPT	spreadsheets you c	an downloa	d: "Demo"	or "User"				
64	2.1 Disclaimer									
	3. Detailed directio		·							
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	e			
68										
69	Documentation in	n additiona	al worksheets							
70	Click on the any of	the followin	g hyperlinks to go to	the worksh	neets					
71	<b>Assumptions</b>	Summary lis	st of all settings in <b>S</b>	etup, and A	geData thro	ough <b>Expen</b> s	<b>seData</b> worksheets	5		
72	<u>Results</u>	Glide-path	of income from Inco	me & Witho	drawal sour	ces less Exp	enses & Taxes			
73	Resources									
74	Appendix A	List of all we	orksheets, describin	g their table	es and secti	ons				
75	Appendix B	Extra calcul	ators (not tied in wi	th the rest c	of the sprea	dsheet)				
76	Appendix C	Glossary - d	efinitions of terms (	used in the s	spreadshee	t				
77	Appendix D	List of outst	anding issues (Thing	gs TODO and	d CHECK), a	nd REVISIOI	N-LIST History			
78	FAQ	Answers to	Frequently Asked Q	uestions						
79										
80										
81	Introduction									
82										
83	The Concept									
84	While saving for fut	ture expend	itures such as retire	ment, a nev	v house, or	a college ec	ducation for your c	hildren you		
85	might wonder if yo	u are saving	enough or spending	g too much	on current	expenses. If	you are near or in	retirement	,	
			ate, using a static m							
			el such as those usir							
	•	•	ook at your finances							
			e? How rapidly are							
			are doing to make su							
_			our retirement glide	•		<b>n</b> workshee	et gives an overviev	w and a <b>FAC</b>	2	
92	worksheet provides	s answers to	some Frequently A	sked Questi	ons.					
93	or 1:0: 1.	•	DI : = 1/0/D	-\						
	•			•	•					
			e on-line (see <b>RS. Re</b>			-		r or tnese	Cimania Cala	
	· · · · · · · · · · · · · · · · · · ·		, we provide an add					o rost of the	SimpleCalc	
98	Note, the SimpleCalc worksheet is used just to introduce the concept of glide-path and is not part of the rest of the									



	А	В	С	D	Е	F	G	Н		J		
133												
134	1. Description	n of the	SIPT Spreads	sheet								
135												
136	This spreadsheet so	ftware com	nputes a rough estim	ate of year	y income a	nd expense	flows as various in	come sourc	es and			
137	expenses come and	l go over tin	ne. Results are calcu	lated at the	end of eac	h year. It us	es a yearly "cash flo	ow" calcula	tion defined	d		
138	as the sum of incon	ne and with	drawals, and subtra	ction of exp	enses, cont	ributions ar	d estimated taxes	are subtrac	ted. Any			
139	funds left over each	n year in the	e cash account are sa	aved back in	to the inve	stment taxa	ble savings accoun	t for the ne	xt year.			
140	Similarly, in years w	ith a cash s	hortfalls, funds are t	taken from t	he savings	account the	next year. The spr	eadsheet				
141	is an Excel workboo	k consisting	g of a number of wo	rksheets co	ntaining per	rsonal data	that you enter. In E	xcel, the				
142	42 spreadsheet as a whole is called a workbook which in turn is a collection of worksheets. Clicking on one of the tabs at the											
143	43 bottom of the window will bring up that particular worksheet.											
144	44											
145	Setting up the spi	readsheet										
146	Use the <b>S. Setup</b> wo	orksheet to	specify which works	heets you v	vill need to	fill out. It w	orks with one perso	on S1 or tw	o people			
147	called S1 and S2. Si	1 and S2 car	n be married or unm	arried. How	ever the la	tter should	only use the tax fili	ng status Se	eparate Filir	ng.		
148	In Excel, you switch	between w	orksheets by clickin	g on the wo	rksheet tab	at the bott	om of the Excel wii	ndow or by				
_			ks (blue font with an									
_			the other data worl				ns of the data in the	e tables. Th	e results			
	are updated when	data is chan	ged in any of the oth	her data ent	ry workshe	ets.						
152												
		·	pertise and familiarit	•		•						
			ed in the SIPT spread									
_		different wo	orksheets that focus	on <i>particul</i>	ar types of	data (e.g., v	vork income, Social	Security be	enefits, IRA	5		
	expenses, etc.).											
157												
	Types of persona											
			an be defined and in				•					
	0 are three types of investment accounts including: tax-deferred deductible IRA, Roth IRA, and savings (taxable investments), bank											
_	bank accounts, and CDs). For purposes of the spreadsheet, 401(k), 403(b), 457(b), Traditional-IRA, Rollover IRAs are considered to be tax-deferred IRAs. Similarly a Roth-401(k) is considered a Roth IRA. This is because after you retire, retirement accounts											
							·					
	· ·		er-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 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 plannii	ng tool for your futu	re expenses	in your "Bເ	ucket List" -	such as college exp	oenses, reti	rement, trip	os,
167	gifts, etc. (See the	discussion o	f the 2007 comedy f	ilm <b>The Buc</b>	ket List		http://en.wikiped	ia.org/wiki/	Bucket_list	
168	for a nice definition	n.) The sprea	adsheet calculates yo	our remaini	ng assets ye	early so you	can use this for pla	anning futu	re expenses	·
169										
170	Income sources are	e: work inco	me, pensions, Social	Security, ar	nd annuity l	benefits. Inv	estment accounts	include tax	-deferred	
171	IRAs, Roth IRAs, an	nd savings in	vestment accounts.	Contributio	ns, and with	ndrawals ma	ay be specified fror	n investme	nt accounts	
172	Expenses and tax of	deductions a	re entered in the <b>10</b>	. ExpensesD	<b>ata</b> worksh	neet. Taxes a	are then estimated	on the tota	al taxable	
173	income. All data w	orksheets re	quire you specify th	ne age wher	the incom	es, contribu	tions and withdray	wals or expe	enses	
174	start as well as wh	en they end.	Investment contrib	utions and v	withdrawals	s as well as e	expenses and tax d	eductions a	ire specified	<u>l</u>
175	by both scheduled	yearly even	ts and by irregular e	vents. Irregi	ular events	are specifie	d at particular ages	s rather tha	n on a	
176	yearly schedule.									
177										
178	If the cash-flow is	ever negativ	e for a particular yea	ar,the sprea	dsheet tak	es the short	fall from the taxab	le savings a	ccount	
179	(9. SavingsData). If	f this is a pro	blem, one could pos	ssibly increa	se some of	the income	sources (IRA or RC	OTH) other	than	
			xpenses to make the	e cash-flow	positive if it	were sever	ely negative. The s	preadsheet	ı warn	
181	if this situation hap	pens in <b>R.R</b>	esults section R.8.							
182										
183										
184	1.1 Examples	of some o	f the questions	that can	be invest	tigated us	sing this sprea	dsheet		
185	Here are some ex	kamples of	questions that mig	ht be answ	vered using	g the SIPT.	The details on th	e question	s are	
186	described in the	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	nses (or a ne	w home or	cars, etc.) k	e adequate?			
189	Q.3 When should	l I take with	drawals on my tax-de	eferred IRAs	s?					
190	Q.4 When should	l I retire, clai	im Social Security, ar	nd how will	this affect r	ny savings?				
191	Q.5 How will irre	gular expens	ses affect my future	income stre	am throug	h retiremer	it?			
192	Q.6 How much m	nore income	could I earn long ter	m if I have	a more agg	ressive stoc	k portfolio (more s	tocks)?		
193	Q.7 What is the e	effect of diffe	erent levels of inflati	on on my sa	avings over	time?				
194	Q.8 What would	the effect be	e of adding annuities	during reti	rement? W	hat if I start	ed them at differe	nt times?		
195										
196										
197	1.2 Types of po	ersonal da	ata required							
198	Specify the starting	g and ending	gages for each incon	ne stream (v	work, pensi	on, Social Se	ecurity, and/or ann	uities), and	do	

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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			

	А	В	С	D	Е	F	G	Н	I	J
232	The computations	use fixed est	timates you specify f	or various p	parameters	including a	fixed CPI, fixed CO	LAs, fixed st	tock and	
233	fixed income return	ns whereas i	in reality these all ch	ange year t	o year, intro	oducing maj	or 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 fut	ture rates o	f returns, CPIs, COLA	As, tax rates	, tax rules a	nd schedule	es, deduction sched	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 i	esults. Better met	hods such a	is monte-ca	rlo
237	or randomized seq	uences of ac	ctual past returns ca	n improve t	he model, b	ut still canr	not guarantee retui	rns. Such ac	lvanced	
238	methods are beyor	nd the scope	of this spreadsheet	. Black Swai	n events do	happen - th	nink 9/11 and the 2	008 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,	
			orkbook (spreadshee							
245	will not be saved u	nless you te	ll Excel (or whatever	spreadshee	et program	you are usir	ng) to save it. As yo	u make cha	anges,	
246	saving the spreadsl	heet often is	a good idea. See se	ction 3. for	a more deta	ailed descrip	otion on using the	spreadshee	t.	
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	S. Setup workshee	t to specify	the accour	nts
250	that apply to your p	personal situ	uation in section <b>S.1</b>	and either s	select "usec	l" or "ignore	ed" for each of the	worksheet	options.	
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 f	or the inves	stment accounts in	table <b>S.3</b> .		
253										
254	Then enter your	Age(s) and	Tax data							
255	After editing the S.	Setup work	sheet, you should e	dit the 1. A	geData wor	ksheet, and	enter basic tax fil	ing data in	the <b>2. TaxD</b> a	ata
256	worksheet.									
257										
258	Then enter your	data into tl	he relevant 3. Wor	kData thro	ough 10. Ex	xpensesDa	ta worksheets			
259	Visit each of the ot	her data-en	try worksheets that	apply to you	and enter	your data. I	gnore the other or	nes which o	an have	
260	zero values for the	data. Some	worksheets allow th	e entry of r	nultiple sets	s of data as	a table we call a "7	「able-GUI"	- for examp	le
261	multiple jobs. (See	the glossar	y in <b>Appendix C</b> or th	ne <b>FAQ for </b> ı	more detail	s).				
262										
263	Finally, view the	final result	s in the "R. Result	s" workshe	eet after a	ll your data	a is entered			
264	After all data is ent	ered, view t	he results, which are	e summarize	ed in the <b>R.</b>	Results wo	rksheet. The R. Res	ults worksh	neet present	ts

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265	intermediate results	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 d	ifferent ac	counts and compute	d results or	n a year-by-	year basis.				
267										
268	There is some limited	d error che	cking. See the <b>FAQ</b>	number 15.	for details.					
269										
270										
271	1.4 Brief list of t	the work	ksheets							
272	The worksheets are	e color co	ded by function. V	e list the r	main purpo	se of the f	following worksho	eets. See e	ach worksl	heet
273	for more details.									
274										
275	Introduction and F	Resources	worksheets are whit	e.	additional	documenta	ition			
276	SimpleCalc works	heet:	<u>SimpleCalc</u>		elementar	y glide-path	calculator			
277										
278	Appendices A, B,	C, D works	heets are		additional	documenta	ition			
279										
	You can view a sumn			ur settings i						S.
281	Assumptions wor		<u>Assumptions</u>				tings by user in the	other worl	ksheets	
	The <b>Assumptions</b> w	orksheet is	not edited since it	summarizes	the other o	lata worksh	eets.			
283										
284	Results workshee		R. Results			•	eet glide-path resu	lts <b>after</b> er	ntering your	data
_	The <b>R. Results</b> works	sheet is no	t edited since it sum	marizes the	other data	worksheets	s.			
286										
287	Configuration wor	rksheets:	S. Setup				re spreadsheet (ind			
288			1. AgeData				et returns, insuranc	e used thro	ughout spre	adsheet
289			2. TaxData	1	enter Fede	ral tax data	and filing status			
290										
	The income workshe	<u> </u>		es of yearly						
292	Income workshee		3. WorkData				e work income dato			
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 a	lata, if any		
296					_					
297	The investment acco	ounts are a	lso a source of mone	ey through t	aking witho	Irawals (as v	well as allowing cor	ntributions)	).	

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298	Investment wor	ksheets:	7. IRAdata		enter tax-	deferred IR/	accounts data, if o	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	ou enter your yearly	expenses						
303	Expense worksh	neet:	10. ExpensesData		enter expe	enses data (	current or future)			
304										
			low is computed fror	n (Income +	- Withdrawa	als - Contrib	utions - Expenses -	Taxes)		
-	You don't edit the		orksheet.							
307	Cash-flow work	sheet:	11. CashData		summarize	es the cash j	flow from the other	r worksheet	ts	
308										
-			withdrawals is in the							
			sheet unless the IRS	updates its	RMD data.					
311	RMD table work	ksheet:	12. RMDtable	1	contains ti	he IRS Requ	ired Minimum Dist	ribution dat	ta	
312										
			a worksheets accoun							
		s, rates of re	eturn (ROR), COLAs, e	etc.). There	is a detailed	d list of all th	hese worksheets ta	bles and se	ections in	
	Appendix A.									
316										
			except for the red co							
			red cells might corru	· · · · · · · · · · · · · · · · · · ·		•		red cells w	here	
			t can be unprotected							
	on <u>Unprotect work</u>	<u>sheet</u> . For r	nore details on prote	ecting/unpr	otecting wo	rksheets, se	ee RS. Resources R	S.9 Excel re	sources.	
321										
322										
323	1.5 How the year	early inco	me stream cash	-flow an	d net wo	rth are ca	alculated			
324	Both scheduled and	d irregular v	vithdrawals taken fro	om the tax-o	deferred IRA	A, Roth IRA,	and savings accou	nts are add	ed to the	
325	cash-flow in the 11	. CashData	worksheet. Both sch	eduled and	irregular Ex	penses (10.	. ExpensesData wo	rksheet) an	ıd Federal aı	nd
326	State taxes (2. Taxl	<b>Data</b> worksh	neet) are taken from	the cash ac	count. The	following ed	quations give a top	-level expla	ination of th	ne
327	computations. For	each year y	,							
328										
329	Cash(y) = Inco	ome(y) + W	ithdrawals(y) - Savir	ngsContribu	tions(y) - Ex	kpenses(y) -	- Taxes(y) + Insurai	nce Payout	(y)	
330	Withdrawals	(y) = Saving	sWithdrawals(y) + IF	RAwithdraw	vals(y) + RO	THwithdra	wals(y)			

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331		_		_		-				
	Then, the cash bala	nce is adde	d (subtracted if nega	tive) to the	savings acc	count for the	e next year,			
			rawals into account	,			, ,			
334										
335	Savings(y+1)	= [Savings(y	) + SavingsContribu	tion(y) - Sav	/ingsWithd	rawal(y)] *	(1+SAVINGSreturi	n) + Cash(y	·)	
336			ontribution(y) - IRA							
337	ROTH(y+1) = [	ROTH(y) + F	ROTHcontribution(y)	- ROTHwit	hdrawal(y)	] * (1+ROT	Hreturn)			
338										
339	If large future expe	nses planne	d, you may want to	lower expe	nses and/or	withdraws	some of the money	1		
340	over several years f	from the tax	deferred IRA, or tax	kable saving	s with high	unrealized	capital gains to hel	p pay for th	nem. 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 ar	n option in t	he <b>11. CashData</b> wo	rksheet to r	ebalance sp	oouse S1 an	d S2 by rebalancing	g cash betw	veen	
344	them for a year in v	which one o	f them has a negativ	e balance. ٦	his is enabl	led in the <b>S</b> e	etup <b>S.2</b> worksheet	If the cash	n flow for	
345	either S1 or S2 is ne	egative, it th	en subtracts the neg	gative amou	int from the	e positive or	ne so the one with	extra cash	may help	
	out the other who	has a negati	ve balance.							
347										
			ash is handled at t		<b>-</b>					
			stment withdrawals							
-			are "removed" or s						-	
-			ed or (removed) fror							
			iled and unschedule			·				
			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	., \$22,000).							
355										
	How life insurance									
			ut for S1 and/or S2 f					ayout is add	ded to the in	come
	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										
361	2. The two vers	sions of t	he SIPT spreads	heets yo	u can dov	wnload: '	'Demo" or "Us	er"		
362	The spreadsheet is	distributed	in two different vers	ions depen	ding on wh	ether it has	demonstration (de	emo) data o	or not.	
363	The demonstration	(Demo) ver	rsion has all data-en	try workshe	ets data se	t up for der	monstration purpos	ses to gives		

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		ble values. However,	to make it ea	l .	er your data			ith all data	· · · · · · · · · · · · · · · · · · ·
	•	50 or 0%) as appropria			,	,	•		
366		, , , , ,							
367 The sprea	sheet files are	distributed with the	name, vers	ion numbe	er, and revi	sion data as part	of the file		
368 The file na	nes for both ve	ersions of the "Simpl	ified-Incom	e-Planning	-Tool" are	prefixed with "S	IPT-".		
369 For examp	e, the <u>version</u>	number is indicated	as:	V.0.19.2					
370 This is foll	wed by the rel	ease date indicated	by:	11-8-2015	)				
371									
372	<b>a)</b> full	demo data	SIPT-Demo	-V.0.19.2-1	1-8-2015a.x	klsx			
373	b <b>)</b> no (	demo data	SIPT-User-	V.0.19.2-11	-8-2015a.xl	sx			
374									
375 <b>a)</b> The <b>Dem</b>	version is the s	preadsheet with full d	lemonstratio	n data. It is	useful for v	viewing examples of	of date you r	might enter	
		people's situations, yo							
		oreadsheet has no der							
	set to either \$0	or 0.0% in all data-en	try workshe	ets. All worl	ksheets are	unselected in worl	ksheet <b>S. Se</b>	tup.	
379									
		ride the demonstra				•			
		ot use any particular d				_			
		e the data worksheets							
		ts by setting the incom						them from	
		ment returns for the in							
		he current year for ea					s + or -).		
		/disables the use of Iri					ala b		
388 selecting "	•	ksheet <b>S.3</b> enables/dis	ables the us	e of scheau	lea contribu	itions and withdra	wais by		
389	es or no .								
390 <b>2.1 Discl</b>	imor								
					·				
		come stream from sev			-				
		ows over time. No cla the further out one go			• •	• •			
		and static rates of re						dues	
		es only Excel formulas						iides -	
		I. Because it uses gen					-		

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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	•			•			•
		,	, 0.00					- 12 G C	. 30001	• •

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431	the various data so	urces. Altho	ugh by not using tha	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
	•		sults by going back a				worksheet and the	data worksl	neet you are	9
		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	
	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 R. Results 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 work	ferent worksheets.							
467										
468	_				_					
-			version of the	•						
$\perp$	See the		for details on the w			•			ndle includ	e taxes.
			handled. How tax-fr							Appendix D
	lists more informa	tion about t	he current status inc	cluding a list	t of things T	ODO and th	ne ongoing REVISIC	N-LIST histo	ory.	
473										
474										
475		Elementar	ry glide-path calcu	lator (Sim <sub>l</sub>	oleCalc)		Next SIPT works	heet (Assu	<u>imptions)</u>	
476										
$\vdash$	7 Worksheet Navigation.									
478	To go to a specifi	c workshee	t, click on one of t	he followir	ng:					
479		Introductio								
480		Assumption	<u>ns</u>							
481		R. Results								
482		S. Setup								
483		1. AgeData								
484 485		2. TaxData								
486		3. WorkData 4. Parsian Data								
487		4. PensionData  E. SocSocData								
488		5. SocSecData 6. AnnuityData								
489		7. IRAdata								
490		8. RothData								
491		9. SavingsData								
492		10. ExpensesData								
493		11. CashData								
494	12. RMDtable									

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495	RS. Resources			Articles, literature, web sites						
496	Appendix A			List of all worksheets tables & section						
497		Appendix B			lators					
498		Appendix C			f terms					
499		Appendix D List of outstanding issues and Revision list								
500		FAQ Frequently Asked Questions								

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