"Constructing A Prize Winning Portfolio"

Glenn's Full Sail Express

Portfolio Design Contest Grand Prize: Most Impressive Ride

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3/19/14

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Goals of the portfolio – the 3 R's

- **Reality**— ***attempt to narrow the gap between paper results & actual performance***

- **Risk**– ***this portfolio intends to address the risk needs of 70+ age senior investors***

- **Returns**– ***notwithstanding the low risk needs, we're seeking consistently high returns***

Reality

• **Use "walk forward" testing (FWPT, in SectorSurfer lingo)** to minimize curve fitting, and hopefully improve reality of results.

•**Further Discount reported results**, attempting to approach "real world" results. Admittedly, this is a judgment call.

•**Use funds/ETFs with substantial volume & longevity** more efficient trading and added historical data.

•**Try to minimize strategy "clones"---** attempt to have a mixture of sectors, asset classes, and countries.

Risk

- **Typical investors react 7 times more strongly to a loss than to a gain of the same magnitude** (study by the Sanford University Graduate School of Business)

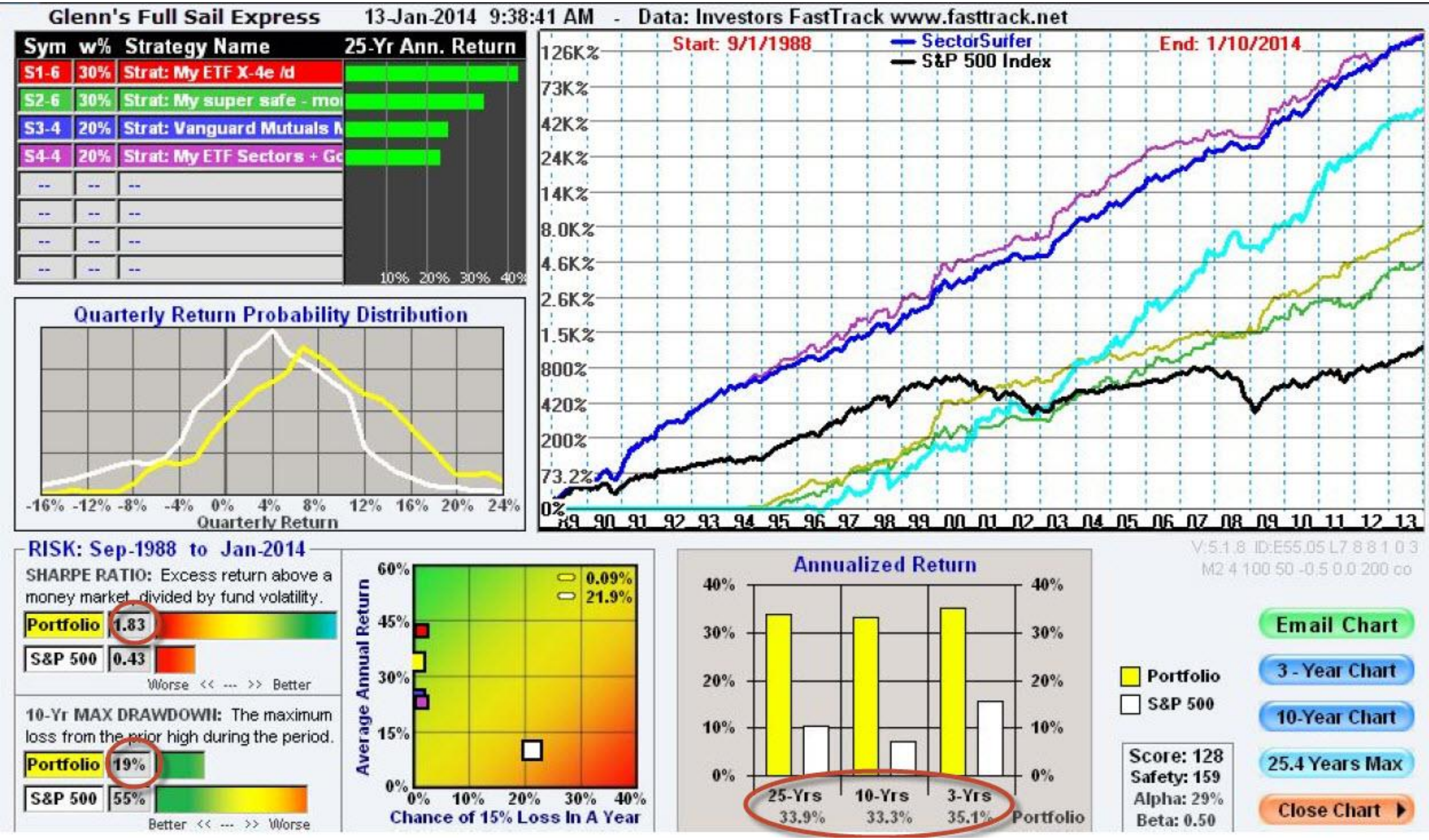
- **Older investors want/need lower risk:**
smaller drawdowns, fewer losing trades, no losing years, etc.

- **The risk goals of this portfolio are:**
  - **Maximize Sharpe Ratio –shoot for over 1.50***
  - **Max drawdown of under 20%---real drawdown of under 10%**
  - **No losing years**

* William Sharpe of Stanford Univ. won the Nobel Prize for the development of the Sharpe Ratio. It measures risk-adjusted performance, by measuring the amount of returns for each unit of volatility that's generated by a portfolio (higher returns and lower volatility equals more returns per unit of volatility). ***The measurement allows investors to analyze how much return they're receiving from a portfolio in exchange for the level of risk they're assuming*.**

Returns

- **The portfolio goals for returns are:**
  - **Annualized gains across all time periods > 30%**
  - ***Discount reported gains by one third*, to attempt to reach a realistic expectation. This is just a pure judgment call, and leads to expected gains across time of > 20% per year**



Glenn's Full Sail Express 13-Jan-2014 9:38:41 AM - Data: Investors FastTrack www.fasttrack.net
Sym w% Strategy Name 25-Yr Ann. Return
S1-6 30% Strat: My ETF X-4e /d
S2-6 30% Strat: My super safe - mo
S3-4 20% Strat: Vanguard Mutuals M
S4-4 20% Strat: My ETF Sectors + Gc
Start: 9/1/1988
SectorSurfer
S&P 500 Index
End: 1/10/2014
Quarterly Return Probability Distribution
Quarterly Return
RISK: Sep-1988 to Jan-2014
SHARPE RATIO: Excess return above a money market, divided by fund volatility.
Portfolio 1.83
S&P 500 0.43
Worse << --- >> Better
10-Yr MAX DRAWDOWN: The maximum loss from the prior high during the period.
Portfolio 19%
S&P 500 55%
Better << --- >> Worse
Average Annual Return
Chance of 15% Loss In A Year
0.09%
21.9%
Annualized Return
25-Yrs 33.9%
10-Yrs 33.3%
3-Yrs 35.1%
Portfolio
S&P 500
Score: 128
Safety: 159
Alpha: 29%
Beta: 0.50
Email Chart
3 - Year Chart
10-Year Chart
25.4 Years Max
Close Chart

11-Mar-14	21:45:11	97.05.csv	**P:Glenn's Full Sail Express**
SS-Port., Trade: Quarterly, SG-Std.			
Last Signal	2-Jan-14		# of Trades = 102
BornOn Date	25-Nov-13		Winners = 88 (86.3%)
Trades/Year	4		Losers = 14 (13.7%)

RECENT TOTAL RETURN PERCENTAGES

FROM	Strategy	S&P 500
Last Week	-0.10%	-0.30%
Last Month	3.00%	4.10%
Half Year	11.50%	12.90%
Last Trade	2.40%	2.40%
BornOn Date	4.80%	4.20%

RISK PROFILES

TYPE	Strategy	S&P 500	
Prob. Of Loss	0.09%	21.73%	Year-Over-Year proportional probability of a 15% loss.
Sharpe Ratio	1.81	0.43	
Sortino Ratio	14.38	2.42	

10-Yrs Drawdown

Max Drawdown	18.90%	55.30%	10-Yrs; Dip from prior peak anywhere between trades.
Real Drawdown	8.40%	45.70%	10-Yrs; Dip from prior peak only at realized trades.
Max D.D. Date	13-Jun-06	9-Mar-09	Date of MaxDrawdown from prior high.
Real D.D. Date	1-Oct-08	1-Apr-09	Date of MaxDrawdown with realized trades.

All-Yrs Drawdown

Max Drawdown	22.00%	55.30%
Real Drawdown	14.60%	45.70%
Max D.D. Date	8-Oct-98	9-Mar-09
Real D.D. Date	1-Oct-98	1-Apr-09

ANNUALIZED RETURN PERCENTAGES

DATES	Strategy	S&P 500
All Years	33.59	10.45
20 Years	31.58	9.25
15 Years	33.67	4.36
10 Years	33.85	7.55
5 Years	41.90	23.55
3 Years	31.90	15.18
1 Year	18.78	22.66

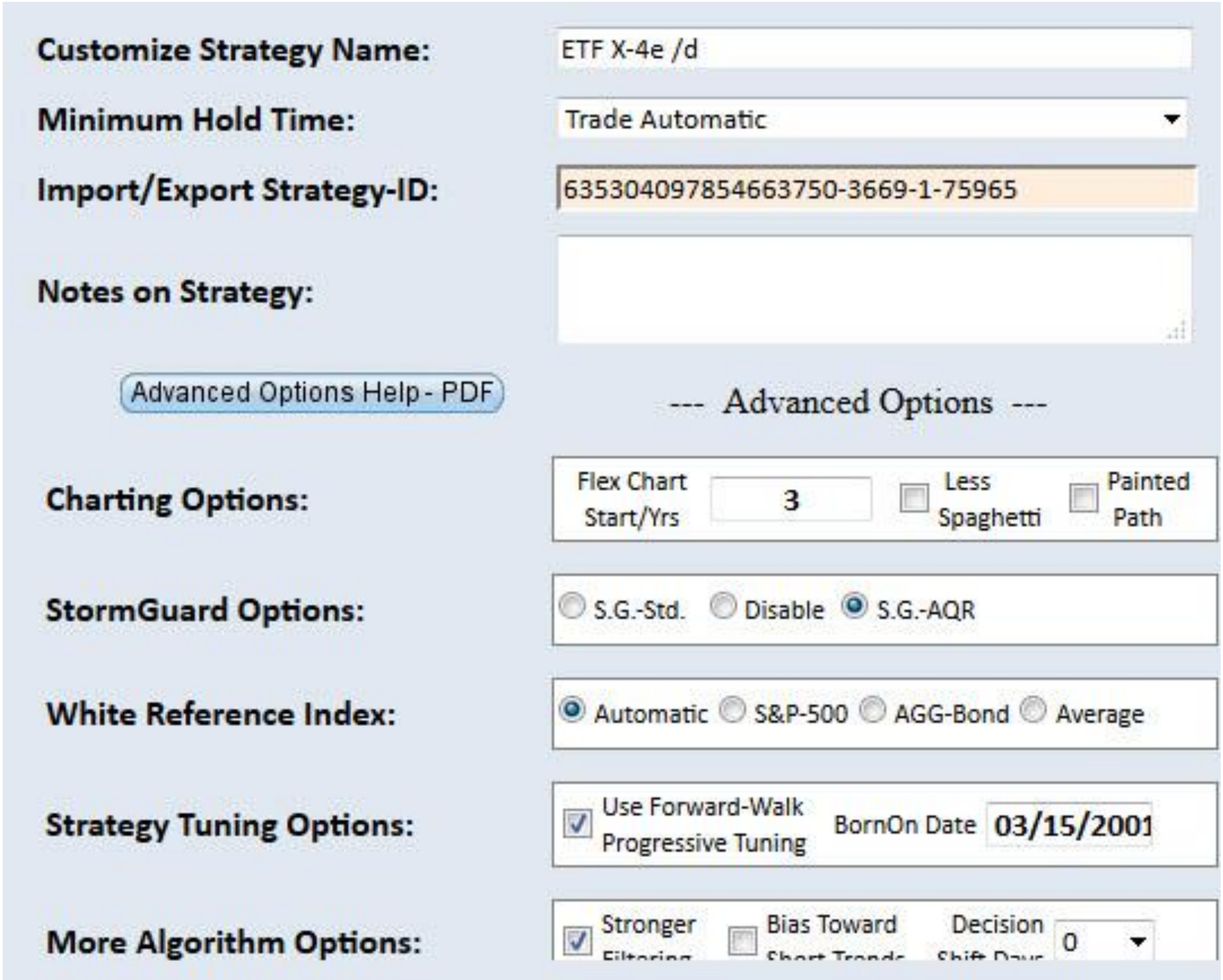
Optimizing Approach

- Download Hall of Fame spreadsheet
- Reorganize columns to focus on Sharpe Ratio, 10-year gains
- Select candidate strategies
- Look for strats providing a mixture of sectors, asset classes and countries
- Apply max length FWPT to promising strats
- For top FWPT strats, tweak Advanced Options of each strat to find max performance under FWPT
- Select top strats after AO optimizing (again, goal is no clones)
- Vary the portfolio weighting of each strat to maximize the Sharpe Ratio for the overall portfolio

SectorSurfer Strategy Hall Of Fame Data for 03/15/2014 08:37 PM ← ***Standard HOF spreadsheet layout***

Type	Score	Safety	Strategy Name	User Name	Is Free	Date Start	Date BornOn	Date LastTrade	Trades erYear	Trade Hold	TheRef Fund	TheRef Rtn.MaxY	Strategy Rtn.MaxY	TheRef Rtn.10Yr	Strategy Rtn.10Yr	TheRef Rtn.3Yr	Strategy Rtn.3Yr	TheRef Rtn.1Yr	Strategy Rtn.1Yr	Storm Guard	Alpha	Beta	TheRef P15%Los	Strategy P15%Los	TheRef Max.Drav	Strategy Max.Drav	TheRef RealDraw	Strategy RealDraw	TheRef Sharpe	Strategy Sharpe
Safety	123.3	304.6	Fidelity Select Funds ML	milord27	--	9/1/1988	1/4/2010	2/27/2014	3.9	Auto	S&P500	10.38	32.53	7.26	28.60	14.87	34.29	20.37	24.61	2.31	0.28	0.52	0.22	0.00	0.55	0.14	0.41	0.05	0.43	1.50
Safety	124.0	291.7	Fidelity Select Funds ml+ /	rswilkes	--	9/1/1988	1/4/2010	2/27/2014	3.9	Auto	S&P500	10.38	32.58	7.26	28.73	14.87	34.76	20.37	35.56	2.31	0.28	0.54	0.22	0.00	0.55	0.14	0.41	0.05	0.43	1.49
Safety	126.8	287.5	Fidelity Select Funds - 1	cvalenza	--	9/1/1988	1/4/2010	1/30/2014	3.9	Auto	S&P500	10.38	35.57	7.26	32.23	14.87	31.35	20.37	19.12	2.51	0.32	0.49	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.58
Safety	126.7	279.6	FF MF Fidelity A	surf59	--	9/1/1988	1/4/2010	1/30/2014	4.0	Auto	S&P500	10.38	35.28	7.26	32.37	14.87	31.81	20.37	19.12	2.51	0.31	0.52	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.55
Safety	126.6	279.4	Fidelity Select Funds PT	jgc	--	9/1/1988	1/4/2010	1/30/2014	4.0	Auto	S&P500	10.38	35.27	7.26	32.34	14.87	31.78	20.37	19.12	2.51	0.31	0.52	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.55
Safety	122.0	276.9	Fidelity Retire Early #2 /d	pecarovich	--	9/1/1988	1/4/2010	1/30/2014	3.9	Auto	S&P500	10.38	35.18	7.26	31.27	14.87	28.20	20.37	19.12	2.51	0.32	0.49	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.55
Safety	121.9	276.6	Fidelity Retire Early #3	pecarovich	--	9/1/1988	1/4/2010	1/30/2014	3.9	Auto	S&P500	10.38	35.17	7.26	31.24	14.87	28.13	20.37	19.12	2.51	0.32	0.49	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.55
Safety	113.5	267.3	Fidelity Select Funds modif	stevehn	--	9/1/1988	1/4/2010	1/30/2014	4.0	Auto	S&P500	10.38	34.27	7.26	29.13	14.87	23.14	20.37	19.12	2.51	0.31	0.49	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.54
Safety	106.1	266.7	Fidelity Select Funds	jmcgraw	--	9/1/1988	12/5/2013	2/18/2014	3.6	30-Days	S&P500	10.38	29.49	7.26	26.44	14.87	27.57	20.37	21.03	2.51	0.25	0.57	0.22	0.01	0.55	0.14	0.52	0.08	0.43	1.39
Safety	124.4	265.9	Fidelity Retire Early #4	pecarovich	--	9/1/1988	1/4/2010	1/30/2014	3.9	Auto	S&P500	10.38	34.59	7.26	32.23	14.87	31.35	20.37	19.12	2.51	0.31	0.52	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.58
Safety	124.6	265.5	Fidelity Select Funds PT01	ronin047	--	9/1/1988	1/4/2010	2/27/2014	4.4	Auto	S&P500	10.38	33.39	7.26	32.17	14.87	33.14	20.37	22.86	2.31	0.30	0.40	0.22	0.00	0.55	0.15	0.41	0.05	0.43	1.56
Safety	117.0	261.1	Funds 1A ds-1 /d	FLsurfer	--	9/1/1988	2/10/2014	2/27/2014	4.1	Auto	S&P500	10.38	31.38	7.26	30.40	14.87	31.04	20.37	26.49	2.11	0.27	0.47	0.22	0.00	0.55	0.15	0.45	0.06	0.43	1.69
Safety	123.6	248.6	Fidelity Select Funds - apo	statdude	--	9/1/1988	1/4/2010	1/30/2014	4.3	Auto	S&P500	10.38	33.93	7.26	30.98	14.87	31.35	20.37	19.12	2.31	0.30	0.46	0.22	0.00	0.55	0.15	0.41	0.05	0.43	1.61
Safety	48.4	232.1	Vanguard Income #9/i	mosier	--	9/1/1988	1/3/2007	12/31/2013	1.3	Auto	AGG	8.19	12.79	5.66	12.11	6.18	13.27	3.63	11.87	1.01	0.06	0.79	0.02	0.00	0.15	0.07	0.02	0.02	0.94	1.55
Safety	67.0	228.0	LT Bond S0 A1 R0 B10	mikm27	--	9/1/1988	1/4/2010	1/31/2014	3.4	Auto	AGG	7.05	15.74	4.35	17.17	3.51	22.59	0.35	3.49	2.51	0.13	0.46	0.01	0.00	0.05	0.09	0.03	0.05	0.84	1.19
Safety	46.8	219.5	Vanguard Income #10/i	btinsley	--	9/1/1988	1/3/2005	1/31/2014	1.4	Auto	AGG	8.36	11.93	6.22	11.37	8.03	13.65	7.82	8.96	1.01	0.07	0.57	0.04	0.00	0.23	0.07	0.17	0.00	0.74	1.55
Safety	124.9	217.1	Fidelity Select Funds TCMA	kyber	--	9/1/1988	1/4/2010	11/27/2013	4.2	Auto	S&P500	10.38	33.14	7.26	32.44	14.87	34.60	20.37	43.05	2.31	0.28	0.52	0.22	0.00	0.55	0.15	0.41	0.06	0.43	1.66
Safety	94.6	213.4	Vanguard Mutuals Mix	kubball	--	3/9/1994	1/2/2004	2/28/2014	4.0	Auto	AGG	10.12	24.37	8.98	22.78	14.05	28.53	17.08	16.70	1.01	0.19	0.72	0.12	0.01	0.42	0.14	0.33	0.08	0.57	1.00
Safety	93.1	208.7	Fidelity Retire Early #1	jejespooner	--	9/1/1988	1/6/2014	2/13/2014	4.2	AnyDay	S&P500	10.38	28.84	7.26	27.37	14.87	19.10	20.37	11.38	2.51	0.24	0.60	0.22	0.01	0.55	0.15	0.53	0.08	0.43	1.31
Safety	94.7	207.5	Vanguard Mutuals Mix #4/i	aplaneguy	--	9/1/1988	12/31/2003	1/31/2014	4.2	Auto	AGG	10.27	24.47	8.77	22.13	13.18	27.91	18.80	23.94	1.01	0.17	0.84	0.12	0.01	0.43	0.13	0.41	0.07	0.57	1.06
Safety	81.4	206.9	Vanguard Balanced/i	rubberroad2	--	9/1/1988	1/8/2013	2/28/2014	4.4	Auto	S&P500	10.38	22.49	7.26	19.79	14.87	20.76	20.37	-2.20	1.01	0.21	0.32	0.22	0.00	0.55	0.14	0.46	0.11	0.43	1.13
Safety	102.0	203.7	Vanguard Mutuals Mix #2/i	statdude	--	3/9/1994	12/29/2000	1/31/2014	3.9	Auto	AGG	10.03	24.85	8.61	24.00	13.56	33.79	18.33	25.18	1.01	0.19	0.73	0.13	0.01	0.42	0.14	0.33	0.08	0.55	0.99
Safety	73.9	202.1	V/F Income/P	lmbrgr	--	9/1/1988	4/7/2013	9/30/2013	2.4	Auto	AGG	7.05	16.78	4.35	18.52	3.51	26.95	0.35	15.43	2.21	0.16	0.25	0.01	0.01	0.05	0.08	0.02	0.04	0.84	1.11
Safety	59.9	199.9	Vanguard Income #5/i	mosier	--	9/1/1988	12/31/2004	1/31/2014	1.8	Auto	AGG	8.47	13.74	6.41	15.21	8.84	20.73	8.85	14.38	1.01	0.08	0.67	0.03	0.00	0.20	0.09	0.10	0.02	0.86	1.38
Safety	99.7	195.6	Fidelity super safe Major	jsumara	--	9/1/1988	1/4/2010	1/30/2014	4.3	Auto	S&P500	10.38	28.50	7.26	26.31	14.87	25.17	20.37	19.12	2.51	0.24	0.49	0.22	0.01	0.55	0.15	0.43	0.09	0.43	1.26
Safety	57.8	189.3	Taxable Bond	rickwelch	--	9/1/1988	7/9/2013	11/29/2013	3.3	Auto	AGG	7.05	15.93	4.35	15.84	3.51	15.05	0.35	3.77	2.31	0.13	0.56	0.01	0.01	0.05	0.08	0.03	0.07	0.84	1.17
Safety	70.6	188.3	NQP2b	clp111	--	5/10/1991	12/31/1999	10/31/2013	3.3	Auto	S&P500	9.41	18.04	7.26	15.83	14.87	21.05	20.37	21.64	2.01	0.14	0.38	0.24	0.00	0.55	0.11	0.35	0.05	0.36	1.35
Safety	89.0	187.8	Sector Rotation	clp111	--	9/1/1988	12/31/1999	2/7/2014	4.9	30-Days	S&P500	10.38	24.82	7.26	23.25	14.87	22.35	20.37	19.28	2.11	0.21	0.37	0.22	0.00	0.55	0.14	0.36	0.08	0.43	1.55
Safety	103.4	186.6	Vanguard Mutuals Mix/i	bctulip	--	3/9/1994	1/2/2004	12/31/2013	3.8	Auto	AGG	9.80	23.30	8.97	26.09	13.92	36.71	16.69	31.54	1.01	0.18	0.63	0.12	0.00	0.43	0.14	0.33	0.12	0.54	1.23
Safety	45.1	185.4	AMH OAK /d	AMH	--	9/1/1988	12/18/2013	1/31/2014	3.7	Auto	S&P500	10.38	11.50	7.26	11.81	14.87	13.33	20.37	6.59	2.71	0.09	0.20	0.22	0.00	0.55	0.06	0.53	0.03	0.43	1.46
Mutuals	132.7	133.3	Fidelity & Vanguard Mix wit	statdude	--	9/1/1988	12/24/2013	1/31/2014	3.6	Auto	S&P500	10.38	33.66	7.26	31.10	14.87	41.58	20.37	32.03	2.11	0.29	0.52	0.22	0.01	0.55	0.20	0.43	0.08	0.43	1.55
Mutuals	127.8	69.9	Fidelity Select Funds	kyber	--	9/1/1988	1/4/2010	11/27/2013	4.2	Auto	S&P500	10.38	34.01	7.26	30.48	14.87	36.97	20.37	43.05	2.51	0.28	0.58	0.22	0.01	0.55	0.22	0.43	0.12	0.43	1.55
Mutuals	126.8	287.5	Fidelity Select Funds - 1	cvalenza	--	9/1/1988	1/4/2010	1/30/2014	3.9	Auto	S&P500	10.38	35.57	7.26	32.23	14.87	31.35	20.37	19.12	2.51	0.32	0.49	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.58
Mutuals	126.7	279.6	FF MF Fidelity A	surf59	--	9/1/1988	1/4/2010	1/30/2014	4.0	Auto	S&P500	10.38	35.28	7.26	32.37	14.87	31.81	20.37	19.12	2.51	0.31	0.52	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.55
Mutuals	126.6	279.4	Fidelity Select Funds	dawood	--	9/1/1988	1/4/2010	1/30/2014	4.0	Auto	S&P500	10.38	35.27	7.26	32.34	14.87	31.78	20.37	19.12	2.51	0.31	0.52	0.22	0.00	0.55	0.15	0.43	0.09	0.43	1.55
Mutuals	124.9	217.1	Fidelity Select Funds TCMA	kyber	--	9/1/1988	1/4/2010	11/27/2013	4.2	Auto	S&P500	10.38	33.14	7.26	32.44	14.87	34.60	20.37	43.05	2.31	0.28	0.52	0.22	0.00	0.55	0.15	0.41	0.06	0.43	1.66

HOF Spreadsheet			Strategy	Strategy	User	Date	Date
Type	Score	Safety	Sharpe	Rtn.10Yr	Name	Start	BornOn
Safety	123	174.7	1.62	30.1	pecarovich	9/1/1988	6/7/2013
Safety	128	185.8	1.57	31.2	raulpdlr	9/1/1988	6/6/2013
Safety	124	179.6	1.56	29.3	pecarovich	9/1/1988	7/3/2013
Mutuals	124	179.6	1.56	29.3	mauravanness	9/1/1988	7/3/2013
Safety	49	187.4	1.55	12.1	btinsley	9/1/1988	1/3/2005
Mutuals	124	152.3	1.55	30.1	FLsurfer	9/1/1988	6/14/2013
ETFs	120	48.8	1.53	29.9	pmmc	5/26/2000	8/5/2013
Safety	49	192.9	1.53	12.4	mosier	9/1/1988	1/3/2007
Safety	118	152.5	1.52	28.6	356guy	9/1/1988	8/30/2013
Mutuals	118	152.5	1.52	28.6	356guy	9/1/1988	8/30/2013
ETFs	162	27.9	1.49	47.6	mikm27	3/18/1996	7/10/2013
Safety	133	180.4	1.49	32.8	clarkson99	9/1/1988	1/4/2010
Mutuals	133	180.4	1.49	32.8	clarkson99	9/1/1988	1/4/2010
Safety	119	137.2	1.48	28.9	Lingane	9/1/1988	12/31/2002
Mutuals	119	137.2	1.48	28.9	Lingane	9/1/1988	12/31/2002
Mutuals	125	152.6	1.47	30.4	marke60	9/1/1988	4/2/2004
Mutuals	116	115.8	1.46	27.6	jsmorrow	9/1/1988	5/1/2013
Safety	106	152.9	1.46	26.6	pecarovich	9/1/1988	12/31/1999
M.W.Held	94	57.6	1.45	27.5	PublicPaid	5/5/1995	7/2/2010
Mutuals	124	169.4	1.45	32.0	FLsurfer	9/1/1988	6/17/2013
Safety	124	169.0	1.45	32.0	356guy	9/1/1988	6/28/2013
Mutuals	124	169.0	1.45	32.0	rogermagic	9/1/1988	6/28/2013
Safety	109	163.7	1.43	26.4	kundur	9/1/1988	6/21/2013
Mutuals	116	71.6	1.43	27.0	elkopps	9/1/1988	5/31/2013
Mutuals	121	145.7	1.43	30.7	Trend2000	9/1/1988	6/21/2013
Safety	126	169.4	1.43	32.2	rogermagic	9/1/1988	7/12/2013
Safety	121	140.0	1.43	31.1	Trend2000	9/1/1988	6/21/2013
Mutuals	133	70.1	1.43	31.8	wsandberg	9/1/1988	7/5/2013
ETFs	158	125.8	1.43	40.6	WWVANWAY	2/7/2001	8/2/2013
Safety	124	168.1	1.43	32.8	Closer33	9/1/1988	9/10/2013
Mutuals	124	168.1	1.43	32.8	Closer33	9/1/1988	9/10/2013
Mutuals	120	135.9	1.42	29.5	PublicFree	9/1/1988	7/2/2004
M.W.Held	120	135.9	1.42	29.5	PublicFree	9/1/1988	7/2/2004
Mutuals	120	135.6	1.42	29.6	majuds	9/1/1988	7/2/2004
Mutuals	118	122.4	1.41	26.0	ono333	9/1/1988	5/13/2013
ETFs	182	30.9	1.41	53.8	moorecq@comcas	3/18/1996	1/4/2010
M.W.Held	182	30.9	1.41	53.8	cvalenza	3/18/1996	1/4/2010
Mutuals	121	139.1	1.41	29.8	avgcpa	9/1/1988	1/4/2010
Safety	124	141.1	1.39	30.3	cimhof	9/1/1988	7/2/2004
Mutuals	124	141.1	1.39	30.3	cimhof	9/1/1988	7/2/2004
M.W.Held	111	135.1	1.39	24.9	jgc	9/1/1988	7/18/2012



Customize Strategy Name:
ETF X-4e /d
Minimum Hold Time:
Trade Automatic
Import/Export Strategy-ID:
635304097854663750-3669-1-75965
Notes on Strategy:
Advanced Options Help - PDF
--- Advanced Options ---
Charting Options:
Flex Chart Start/Yrs
3
Less Spaghetti
Painted Path
StormGuard Options:
S.G.-Std.
Disable
S.G.-AQR
White Reference Index:
Automatic
S&P-500
AGG-Bond
Average
Strategy Tuning Options:
Use Forward-Walk Progressive Tuning
BornOn Date
03/15/2001
More Algorithm Options:
Stronger
Bias Toward
Decision
0

GP3 Portfolio--Strategy FWPT Advanced Option "Tuning" Records

"My Super Safe - Moms" strategy

SG	SG-AQR	FWPT	ST	SF	DS	BORN-ON	STD.	25yrs/Max	10 years	3 years	Score	Safety	Sharpe	Max Dwdn	Comments
N	Y	N	N	N	N	6/6/2013	SP500	32.9	30.7	33	123	186	1.57	17	**Std. version, no FWPT options--Born Date is 6/6/13**
N	Y	Y	Y	N	N	1/2/2004	"	34	29.9	31	120	155	1.48	17	Added FWPT, ST. -- Born Date is 1/2/2004
N	Y	Y	N	N	N	"	"	33.7	31.2	31	122	172	1.48	17	Above line, but with LT instead of ST--BEST FWPT RESULTS
N	Y	Y	N	Y	N	"	"	29.4	24.1	21.2	96.3	49.4	1.29	23	Above line, but with SF added (Poor results)
Y	N	Y	Y	N	N	"	"	30.7	24.5	34.9	105	3.5	1.28	34	Above line, but with SG, ST, and no SF (Poor results)

Going forward—future plans

- Re-optimize the *Full Sail Express* portfolio periodically? Annually, bi-annually or…?

- Work on higher performance portfolio with larger number of strategies, accepting somewhat higher volatility and risk

SS-Port., Trade: Quarterly, SG-Std.

P: GP ETF Portfolio-Rev 1

RISK PROFILES			
TYPE	**Strategy**	**S&P 500**	
Prob. Of Loss	0.03%	30.53%	Year-Over-Year proportional probability of a 15% loss.
Sharpe Ratio	1.6	0.28	
Sortino Ratio	12.45	1.49	
10-Yrs Drawdown			
Max Drawdown	32.0%	55.3%	10-Yrs; Dip from prior peak anywhere between trades.
Real Drawdown	13.7%	45.7%	10-Yrs; Dip from prior peak only at realized trades.
Max D.D. Date	13-Jun-06	9-Mar-09	Date of MaxDrawdown from prior high.
Real D.D. Date	1-Jul-10	1-Apr-09	Date of MaxDrawdown with realized trades.
All-Yrs Drawdown			
Max Drawdown	32.0%	55.3%	
Real Drawdown	21.1%	45.7%	
Max D.D. Date	13-Jun-06	9-Mar-09	
Real D.D. Date	1-Oct-98	1-Apr-09	
ANNUALIZED RETURN PERCENTAGES			
DATES	**Strategy**	**S&P 500**	
All Years	47.8	7.9	
15 Years	51.2	4.3	
10 Years	49.4	7.3	
5 Years	60.9	22.0	
3 Years	52.3	14.9	
1 Year	69.0	20.4	
Y.T.D.	7.9	0.1	
2013	89.6	32.3	
2012	54.3	16.0	
2011	22.6	2.1	
2010	57.6	14.9	
2009	77.3	26.5	

Work in progress—

All ETF Portfolio

Consists of up to 10 ETF and 2X leveraged ETF strategies

(No 3X leveraged ETFs)