Turning Point Analytics utilizes a time-tested, real-world strategy that optimizes the client's entry and exit points and adds alpha. TPA defines each stock as Trend or Range to identify actionable inflection points.

"In the short run, the market is a voting machine, but in the long run, it is a weighing machine." - Benjamin Graham

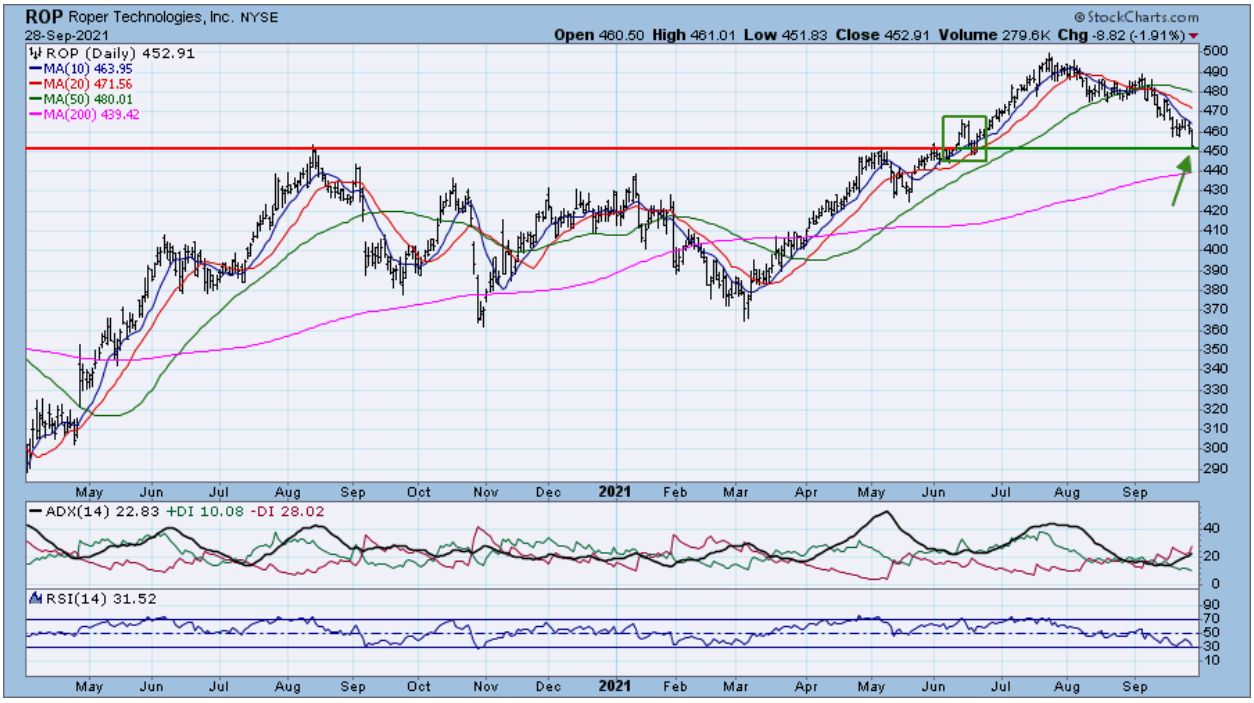
S&P 1500+ DAILY SNAPSHOT – COMMENTS & CHARTS Wednesday, September 29, 2021

Today's TPA Trend-Range Report included below. TPA Trend-Range Strategy explained below. Links for Explanations of Technical terms at the bottom of the report

BUY:

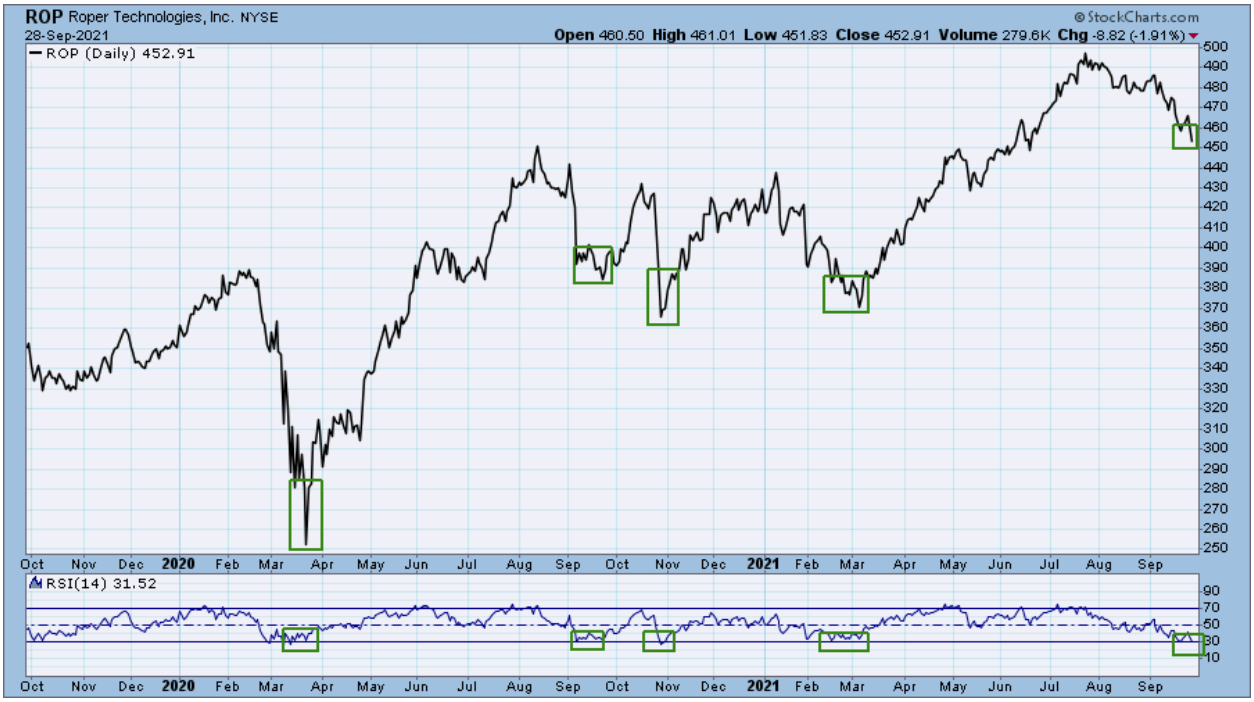
- ROP broke out from 10-month resistance at the 450 level at the beginning of June. The zoom chart reveals that 450 was tested and survived as support in mid-June. ROP has now fallen 10% in the past 2 months and is right back to long-term support at 450. ROP is also oversold (RSI=31). RSI analysis shows that similar oversold levels have provided periods when ROP should be bought for a future rally.

ROP Roper Tech Inc 452.9100 Stop = 430.2645 Target = 534.4338



ROP - zoom

ROP RSI analysis



SELL:

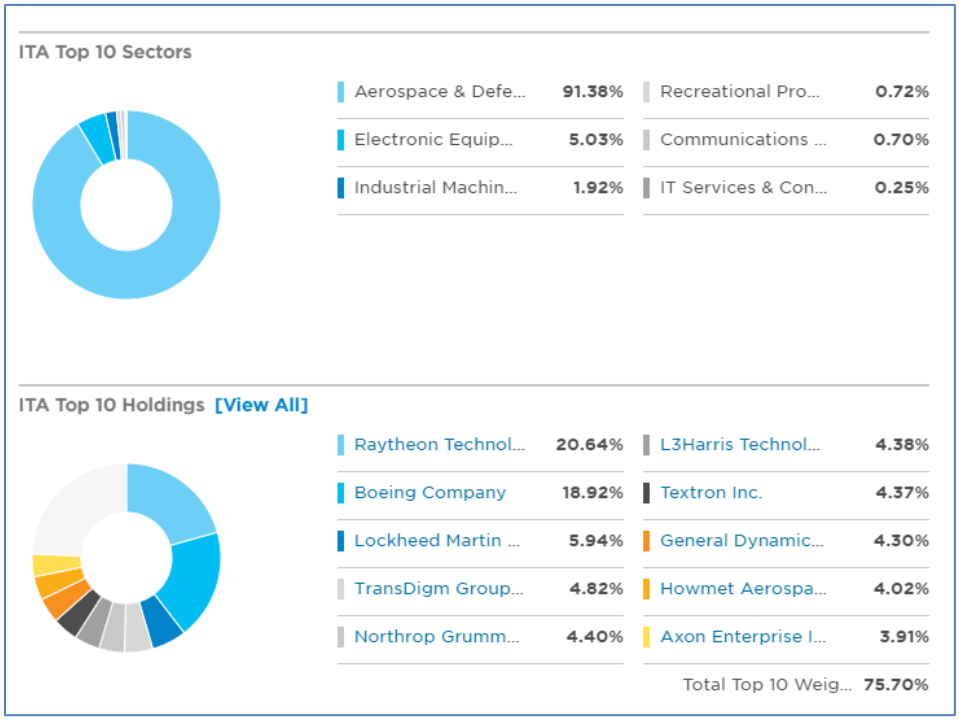
- RTX fell below its 8-month uptrend line in July. After rallying over 100% from its March 2020 lows, RTX is near long-term resistance at 88; where it failed in February 2020, June 2021, and July 2021. RTX is now showing weak trend strength; ADX=16, which will make maintaining rallies difficult (charts 2 and 3). The Relative Rotation Graph shows that Defense stocks (ITA) and displaying some of the worst relative strength compared to all the major sectors and is worse than the Industrial sector (XLI), which is showing weakness.

RTX Raytheon Technologies Corp 86.8400 Stop = 91.6162 Target = 69.4720

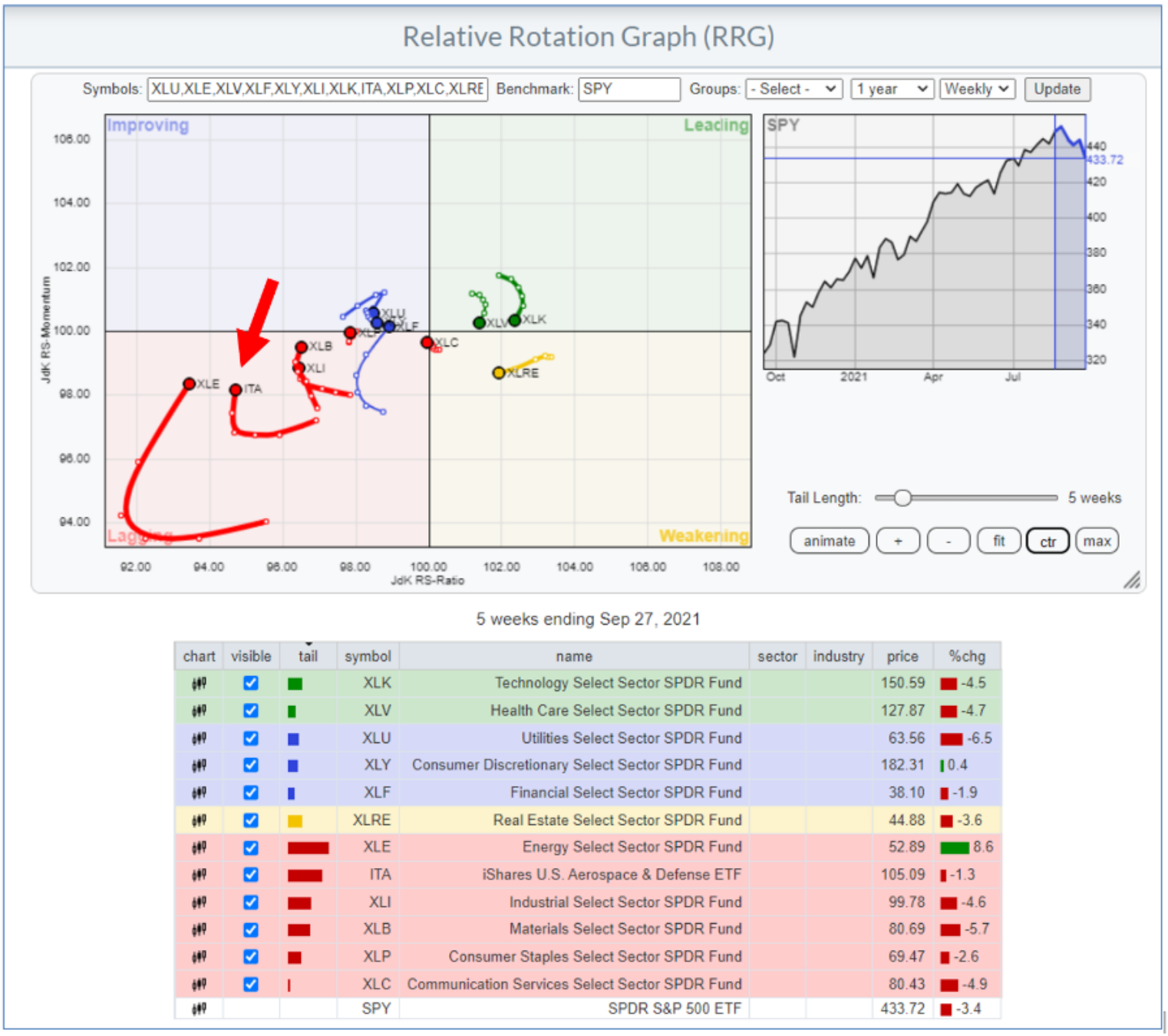
RTX

RTX - zoom

ITA - https://www.etf.com/ITA#overview



RRG chart of major sector ETF and ITS (Defense stocks)



5 weeks ending Sep 27, 2021

chart	visible	tail	symbol	name	sector	industry	price	%chg
	☑		XLK	Technology Select Sector SPDR Fund			150.59	-4.5
	☑		XLV	Health Care Select Sector SPDR Fund			127.87	-4.7
	☑		XLU	Utilities Select Sector SPDR Fund			63.56	-6.5
	☑		XLY	Consumer Discretionary Select Sector SPDR Fund			182.31	0.4
	☑		XLF	Financial Select Sector SPDR Fund			38.10	-1.9
	☑		XLRE	Real Estate Select Sector SPDR Fund			44.88	-3.6
	☑		XLE	Energy Select Sector SPDR Fund			52.89	8.6
	☑		ITA	iShares U.S. Aerospace & Defense ETF			105.09	-1.3
	☑		XLI	Industrial Select Sector SPDR Fund			99.78	-4.6
	☑		XLB	Materials Select Sector SPDR Fund			80.69	-5.7
	☑		XLP	Consumer Staples Select Sector SPDR Fund			69.47	-2.6
	☑		XLC	Communication Services Select Sector SPDR Fund			80.43	-4.9
			SPY	SPDR S&P 500 ETF			433.72	-3.4

TPA TREND-RANGE STRATEGY (see explanation below)

TPA TREND-RANGE REPORT *(New and improved!)*

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	($million) MKT CAP	LAST	CONDITION TREND/RANGE	SHORT TERM ALERT	POSSIBLE NEXT MOVE	OVERBOUGHT OVERSOLD	RANGE? ALERT
EXLS	ExlService Hldgs Inc	Business Services	Services	4,136	123.51	DOWNTREND	TURN UP?	-4.00%	0	
LDOS	Leidos Hldg Inc	Computer Services	Technology	13,670	96.56	DOWNTREND	TURN UP?	1.54%	0	
FFIN	First Finl Bankshs Inc	Regional Banks	Financial	6,549	46	DOWNTREND	TURN UP?	2.48%	0	
MA	Mastercard Inc	Consumer Financial Services	Financial	346,536	351.18	DOWNTREND	TURN UP?	2.74%	0	
LCII	LCI Industries Inc	Mobile Homes & RVs	Capital Goods	3,389	134.12	DOWNTREND	TURN UP?	4.01%	0	
WOR	Worthington Industries	Iron & Steel	Basic Materials	2,873	55.69	DOWNTREND	TURN UP?	4.44%	0	
GPS	Gap Inc	Retail (Apparel)	Services	9,252	24.6	DOWNTREND	TURN UP?	9.43%	0	
AEO	American Eagle Outfitters Inc	Retail (Apparel)	Services	4,685	27.79	DOWNTREND	TURN UP?	11.59%	0	
MRCY	Mercury Systems Inc	Computer Peripherals	Technology	2,712	47.66	DOWNTREND	TURN UP?	12.04%	0	
HRC	Hill Rom Hldg Inc	Scientific & Technical Instr.	Technology	9,843	149.53	UPTREND	TURN DOWN?	-7.15%	0	
NFLX	Netflix Inc	Broadcasting & Cable TV	Services	258,410	583.85	UPTREND	TURN DOWN?	-5.57%	0	
AON	Aon Plc / Ireland	Insurance (Miscellaneous)	Financial	65,297	289.25	UPTREND	TURN DOWN?	-4.55%	0	
WTS	Watts Water Technologies'A'	Misc. Fabricated Products	Basic Materials	5,753	171	UPTREND	TURN DOWN?	-4.40%	0	
SYNA	Synaptics Inc	Computer Hardware	Technology	7,005	179.17	UPTREND	TURN DOWN?	-4.38%	0	
NYT	New York Times'A'	Printing & Publishing	Services	8,431	50.22	UPTREND	TURN DOWN?	-3.98%	0	
MPWR	Monolithic Power Systems Inc	Semiconductors	Technology	22,510	490.19	UPTREND	TURN DOWN?	-3.79%	0	
NDSN	Nordson Corp	Chemical Manufacturing	Basic Materials	14,060	241.94	UPTREND	TURN DOWN?	-3.61%	0	
TMO	Thermo Fisher Scientific Inc	Medical Equipment & Supplies	Healthcare	226,786	576.45	UPTREND	TURN DOWN?	-3.61%	0	
PNM	PNM Resources Inc	Electric Utilities	Utilities	4,240	49.4	UPTREND	TURN DOWN?	-0.91%	0	
CTXS	Citrix Systems Inc	Software & Programming	Technology	13,293	107	UPTREND	TURN DOWN?	-0.89%	0	
NTRS	Northern Trust	Investment Services	Financial	23,153	111.1	UPTREND	TURN DOWN?	2.25%	0	
FANG	Diamondback Energy Inc	Oil & Gas Operations	Energy	17,196	94.98	RANGE	TOP	-28.61%	3	!!
DVN	Devon Energy	Oil & Gas Operations	Energy	23,783	35.13	RANGE	TOP	-27.61%	3	
MRO	Marathon Oil Corp	Oil & Gas - Integrated	Energy	10,848	13.76	RANGE	TOP	-23.40%	2	
OXY	Occidental Petro Corp	Oil & Gas - Integrated	Energy	27,919	29.9	RANGE	TOP	-20.97%	2	!!
ADNT	Adient plc	Auto & Truck Parts	Consumer Cyclical	4,005	42.51	RANGE	TOP	-20.02%	1	
EQT	Equitable Resources	Oil & Gas - Integrated	Energy	8,347	22.08	RANGE	TOP	-19.93%	2	!!
MOS	The Mosaic Co (New)	Chemical Manufacturing	Basic Materials	13,889	36.56	RANGE	TOP	-18.41%	1	
ABG	Asbury Automotive	Retail (Specialty)	Services	3,845	198.82	RANGE	TOP	-17.39%	0	!!
SIVB	SVB Finl Grp	Regional Banks	Financial	37,119	654	RANGE	TOP	-17.34%	1	
PXD	Pioneer Natural Resources	Oil & Gas - Integrated	Energy	41,361	169.54	RANGE	TOP	-17.25%	2	
CCL	Carnival Corp	Recreational Activities	Services	29,661	26.17	RANGE	TOP	-17.23%	1	!!
FTI	TechnipFMC plc	Oil Well Services & Equipment	Energy	3,358	7.45	RANGE	TOP	-17.18%	1	!!
HAL	Halliburton Co	Oil Well Services & Equipment	Energy	19,938	22.39	RANGE	TOP	-16.75%	1	
NCLH	Norwegian Cruise Line Hldg	Recreational Activities	Services	10,335	27.93	RANGE	TOP	-16.58%	1	
RCL	Royal Caribbean Cruises	Water Transportation	Transportation	23,424	91.97	RANGE	TOP	-16.42%	2	!!
CMA	Comerica Inc	Regional Banks	Financial	10,928	81.6	RANGE	TOP	-16.37%	1	!!
SLB	Schlumberger Ltd	Oil Well Services & Equipment	Energy	43,226	30.91	RANGE	TOP	-16.14%	1	

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	($million) MKT CAP	LAST	CONDITION TREND/RANGE	SHORT TERM ALERT	POSSIBLE NEXT MOVE	OVERBOUGHT OVERSOLD	RANGE? ALERT
STL	Sterling Bancorp	Regional Banks	Financial	4,777	24.79	RANGE	TOP	-15.33%	1	
WBS	Webster Financial Corp	Regional Banks	Financial	4,897	54.05	RANGE	TOP	-14.86%	1	
OII	Oceaneering Intl Inc	Oil Well Services & Equipment	Energy	1,370	13.73	RANGE	TOP	-14.35%	2	
MTB	M&T Bank	Regional Banks	Financial	19,447	151.13	RANGE	TOP	-14.19%	1	!!
OKE	Oneok Inc	Oil & Gas - Integrated	Energy	25,973	58.28	RANGE	TOP	-14.07%	0	
F	Ford Motor	Auto & Truck Manufacturers	Consumer Cyclical	56,151	14.31	RANGE	TOP	-14.05%	1	!!
VLO	Valero Energy	Oil & Gas Operations	Energy	29,096	71.17	RANGE	TOP	-13.88%	1	
AAL	American Airlines Grp inc	Airline	Transportation	13,875	21.43	RANGE	TOP	-13.86%	0	
RF	Regions Finl Corporation	Regional Banks	Financial	20,599	21.58	RANGE	TOP	-13.72%	1	
CFG	Citizens Finl Grp Inc	Regional Banks	Financial	20,175	47.35	RANGE	TOP	-13.60%	1	
WH	Wyndham Hotels & Resorts Inc	Misc. Financial Services	Financial	7,392	79.04	RANGE	TOP	-13.58%	2	!!
EWBC	East West Bancorp	Regional Banks	Financial	11,150	78.59	RANGE	TOP	-13.53%	1	
PBCT	People's United Finl Inc	Regional Banks	Financial	7,532	17.6	RANGE	TOP	-13.47%	1	!!
OIH	VanEck Vctrs Oil Svcs ETF	0	0	0	201.42	RANGE	TOP	-13.43%	1	
XOM	Exxon Mobil	Oil & Gas Operations	Energy	253,675	59.92	RANGE	TOP	-13.33%	1	!!
XLE	S&P Sel Energy Spdr Fd	0	0	0	52.89	RANGE	TOP	-13.10%	1	
HFC	HollyFrontier Corporation	Oil & Gas Operations	Energy	5,383	33.13	RANGE	TOP	-12.62%	1	
HOMB	Home BancShs Inc	Regional Banks	Financial	3,858	23.51	RANGE	TOP	-12.38%	0	!!
LUV	Southwest Airlines Co	Airline	Transportation	31,387	53.05	RANGE	TOP	-12.35%	0	!!
BYD	Boyd Gaming	Casinos & Gaming	Services	7,357	65.56	RANGE	TOP	-12.34%	0	
FOX	Twenty-First Century Fox Inc B	Broadcasting & Cable TV	Services	22,147	36.86	RANGE	TOP	-12.10%	0	!!
UMBF	UMB Finl	Regional Banks	Financial	4,702	97.25	RANGE	TOP	-12.03%	0	!!
UAL	United Airlines Hldgs Inc	Airline	Transportation	15,753	48.68	RANGE	TOP	-11.98%	0	
MPC	Marathon Petro Corp	Oil & Gas Operations	Energy	39,894	62.51	RANGE	TOP	-11.57%	0	
CFR	Cullen/frost Bankers	Regional Banks	Financial	7,672	120.54	RANGE	TOP	-11.51%	1	
LNC	Lincoln Natl Corp	Insurance (Life)	Financial	13,339	70.98	RANGE	TOP	-11.44%	1	
KEY	KeyCorp	Regional Banks	Financial	20,801	21.75	RANGE	TOP	-11.22%	0	!!
SCHW	Charles Schwab Corp (The)	Regional Banks	Financial	143,828	76.18	RANGE	TOP	-11.21%	1	
ALK	Alaska Air Grp Inc	Airline	Transportation	7,667	61.22	RANGE	TOP	-11.01%	0	
MGM	MGM Resorts Intl	Casinos & Gaming	Services	21,627	44.88	RANGE	TOP	-11.01%	1	!!
CNX	Consol Energy Inc	Oil & Gas - Integrated	Energy	2,737	12.56	RANGE	TOP	-10.91%	0	!!
USB	US Bancorp	Regional Banks	Financial	89,582	60.42	RANGE	TOP	-10.81%	0	!!
TFC	Truist Financial Corp	Regional Banks	Financial	79,009	59.19	RANGE	TOP	-10.54%	1	
HAIN	Hain Celestial Grp Inc	Food Processing	Consumer/Non-Cyclical	3,972	40.75	RANGE	TOP	-10.31%	0	
ASB	Associated Banc-Corp	Regional Banks	Financial	3,306	21.61	RANGE	TOP	-10.23%	0	
BAC	Bank of America Corporation	Regional Banks	Financial	363,187	43.16	RANGE	TOP	-10.13%	1	
LYV	Live Nation Entertainment, Inc	Recreational Activities	Services	20,464	92.42	RANGE	TOP	-10.03%	0	
CVX	Chevron Corporation	Oil & Gas - Integrated	Energy	199,889	103.36	RANGE	TOP	-9.95%	0	!!
R	Ryder System	Rental & Leasing	Services	4,511	83.88	RANGE	TOP	-9.93%	0	

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	($million) MKT CAP	LAST	CONDITION TREND/RANGE	SHORT TERM ALERT	POSSIBLE NEXT MOVE	OVERBOUGHT OVERSOLD	RANGE? ALERT
URI	United Rentals Inc	Rental & Leasing	Services	26,265	362.83	RANGE	TOP	-9.90%	0	
JBLU	JetBlue Airways	Airline	Transportation	5,076	15.96	RANGE	TOP	-9.84%	0	
COF	Cap One Finl	Consumer Financial Services	Financial	74,671	167.38	RANGE	TOP	-9.74%	0	!!
ONB	Old Natl Bancorp(Ind)	Regional Banks	Financial	2,817	17	RANGE	TOP	-9.18%	0	!!
OZK	Bank OZK	Regional Banks	Financial	5,574	43.48	RANGE	TOP	-8.92%	0	
SBNY	Signature Bank	Regional Banks	Financial	16,514	272.35	RANGE	TOP	-8.51%	0	
RL	Ralph Lauren Corp.	Retail (Apparel)	Services	8,748	119.01	RANGE	TOP	-8.48%	0	
UMPQ	Umpqua Hldg	Regional Banks	Financial	4,475	20.33	RANGE	TOP	-8.36%	0	
JPM	JPMorgan Chase & Co	Investment Services	Financial	496,273	166.08	RANGE	TOP	-8.24%	0	!!
NFG	Natl Fuel Gas	Natural Gas Utilities	Utilities	4,949	54.28	RANGE	TOP	-8.12%	0	
WMB	Williams Companies	Oil & Gas Operations	Energy	31,686	26.08	RANGE	TOP	-7.94%	0	
SYY	Sysco Corp	Retail (Grocery)	Services	41,325	80.7	RANGE	TOP	-7.79%	0	
TSLA	Tesla Inc	Auto & Truck Manufacturers	Consumer Cyclical	769,796	777.56	RANGE	TOP	-7.58%	0	
PNC	PNC Finl Svcs Grp Inc	Regional Banks	Financial	84,030	197.72	RANGE	TOP	-7.04%	0	
SEM	Select Medical Hldgs Corp	Healthcare Facilities	Healthcare	4,921	36.57	RANGE	TOP	-6.84%	0	!!
JLL	Jones Lang Lasalle	Real Estate Operations	Services	12,639	249.29	RANGE	TOP	-6.23%	0	
RTX	Raytheon Technologies Corp	Aerospace & Defense	Capital Goods	130,944	86.84	RANGE	TOP	-6.20%	0	
SHEN	Shenandoah Telecommunications	Communications Services	Services	1,539	30.8	RANGE	TOP	-5.65%	0	
CACI	Caci Intl Inc	Software & Programming	Technology	6,133	260.02	RANGE	TOP	-4.47%	0	
INGR	Ingredion Inc	Food Processing	Consumer/Non-Cyclical	5,997	89.5	RANGE	TOP	-4.09%	0	
CHE	Chemed Corporation	Healthcare Facilities	Healthcare	7,335	466.29	RANGE	BOTTOM	3.83%	0	
GILD	Gilead Sciences	Biotechnology & Drugs	Healthcare	87,729	69.97	RANGE	BOTTOM	3.90%	0	
PG	Procter & Gamble Co	Personal & Household Prods.	Consumer/Non-Cyclical	341,397	140.59	RANGE	BOTTOM	3.91%	0	!!
EIX	Edison Intl	Electric Utilities	Utilities	21,689	57.12	RANGE	BOTTOM	4.01%	0	
ICE	Intercontinental Exchange Grp	Investment Services	Financial	65,636	116.55	RANGE	BOTTOM	4.16%	0	
VTR	Ventas Inc	Real Estate Operations	Services	21,056	55.36	RANGE	BOTTOM	4.34%	0	
NDAQ	NASDAQ Inc	Investment Services	Financial	31,929	190.96	RANGE	BOTTOM	4.73%	0	!!
PEP	Pepsico Inc	Beverages (Nonalcoholic)	Consumer/Non-Cyclical	208,769	151.05	RANGE	BOTTOM	4.78%	0	
BSX	Boston Scientific Corporation	Medical Equipment & Supplies	Healthcare	62,180	43.67	RANGE	BOTTOM	5.08%	0	
CTAS	Cintas Corp	Personal Services	Services	40,155	386.07	RANGE	BOTTOM	5.14%	0	
SYK	Stryker Corp	Medical Equipment & Supplies	Healthcare	100,998	267.83	RANGE	BOTTOM	5.15%	0	
HR	Healthcare Realty Tr	Real Estate Operations	Services	4,319	29.68	RANGE	BOTTOM	5.22%	0	
XLNX	Xilinx Inc	Semiconductors	Technology	37,383	151.06	RANGE	BOTTOM	5.50%	0	
ALL	Allstate Corp	Insurance (Prop. & Casualty)	Financial	37,844	127.99	RANGE	BOTTOM	5.67%	0	
PNR	Pentair Plc	Misc. Fabricated Products	Basic Materials	12,337	74.38	RANGE	BOTTOM	5.79%	0	
NATI	Natl Instruments	Electronic Instr. & Controls	Technology	5,371	40.39	RANGE	BOTTOM	5.89%	0	
WSO	Watsco, Inc	Misc. Capital Goods	Capital Goods	10,525	271.71	RANGE	BOTTOM	6.01%	0	
FRC	First Repub Bank	Regional Banks	Financial	34,375	192.29	RANGE	BOTTOM	6.21%	0	
EXPD	Expeditors Intl of Washington	Misc. Transportation	Transportation	20,540	120.9	RANGE	BOTTOM	6.24%	0	!!

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	($million) MKT CAP	LAST	CONDITION TREND/RANGE	SHORT TERM ALERT	POSSIBLE NEXT MOVE	OVERBOUGHT OVERSOLD	RANGE? ALERT
RYN	Rayonier Inc	Forestry & Wood Products	Basic Materials	5,071	35.88	RANGE	BOTTOM	6.30%	0	
MKC	Mccormick & Co	Food Processing	Consumer/Non-Cyclical	22,260	83.26	RANGE	BOTTOM	6.37%	0	
LIN	Linde PLC	Chemical Manufacturing	Basic Materials	154,887	299.93	RANGE	BOTTOM	6.41%	0	!!
NVR	NVR Inc	Construction Services	Capital Goods	17,413	4885.96	RANGE	BOTTOM	6.48%	0	
CRUS	Cirrus Logic	Semiconductors	Technology	4,779	82.97	RANGE	BOTTOM	6.51%	0	
DOC	Physicians Realty Trust	Real Estate Operations	Services	3,868	17.79	RANGE	BOTTOM	6.80%	0	
SMH	VanEck Vctrs Semiconductor ETF	0	0	0	260.49	RANGE	BOTTOM	6.86%	0	
IR	Ingersoll-Rand Plc	Misc. Capital Goods	Capital Goods	21,663	51.56	RANGE	BOTTOM	6.94%	0	
XRAY	Dentsply Sirona Inc	Medical Equipment & Supplies	Healthcare	12,925	59.14	RANGE	BOTTOM	7.32%	0	!!
WELL	Welltower Inc	Real Estate Operations	Services	35,115	83.1	RANGE	BOTTOM	7.42%	0	
CCOI	Cogent Communications Hldgs	Communications Services	Services	3,355	70.38	RANGE	BOTTOM	7.43%	0	!!
HELE	Helen Of Troy Ltd	Medical Equipment & Supplies	Healthcare	5,417	224.78	RANGE	BOTTOM	7.44%	0	
AES	AES Corp	Electric Utilities	Utilities	15,366	23.06	RANGE	BOTTOM	7.46%	0	
XYL	Xylem, Inc.	Misc. Capital Goods	Capital Goods	23,227	128.92	RANGE	BOTTOM	7.46%	0	!!
INFO	IHS Markit Ltd	Computer Services	Technology	46,426	116.47	RANGE	BOTTOM	7.71%	0	
BF.B	Brown-Forman Corp Cl B	Beverages (Alcoholic)	Consumer/Non-Cyclical	31,655	67.65	RANGE	BOTTOM	7.80%	0	
SPGI	S&P Glbl Inc	Computer Services	Technology	102,693	426.11	RANGE	BOTTOM	7.86%	0	
GOOGL	Alphabet Inc Cl A	Computer Services	Technology	1,813,573	2716.6	RANGE	BOTTOM	7.99%	0	!!
SYNH	Syneos Health Inc Cl A	Biotechnology & Drugs	Healthcare	9,294	89.81	RANGE	BOTTOM	8.01%	0	
EBAY	eBay Inc	Retail (Catalog & Mail Order)	Services	46,323	71.26	RANGE	BOTTOM	8.10%	0	
PM	Philip Morris Intl Inc	Tobacco	Consumer/Non-Cyclical	153,392	98.42	RANGE	BOTTOM	8.14%	0	
GNRC	Generac Hldg Inc	Electronic Instr. & Controls	Technology	26,848	425.34	RANGE	BOTTOM	8.23%	0	
IDCC	InterDigital Inc	Communications Equipment	Technology	2,055	66.91	RANGE	BOTTOM	8.23%	0	
MDT	Medtronic plc	Medical Equipment & Supplies	Healthcare	169,572	126	RANGE	BOTTOM	8.25%	0	
BLD	TopBuild Corp	Construction Services	Capital Goods	6,908	209.76	RANGE	BOTTOM	8.38%	0	
ROBO	ROBO Global Robotics & Automat	0	0	0	65.18	RANGE	BOTTOM	8.55%	0	
GOOG	Alphabet Inc Cl C Cap Stock	Computer Services	Technology	1,813,573	2723.68	RANGE	BOTTOM	8.56%	0	!!
FLOW	SPX Flow Inc	Misc. Capital Goods	Capital Goods	3,078	73.94	RANGE	BOTTOM	8.60%	0	
JCI	Johnson Controls Intl Plc	Misc. Capital Goods	Capital Goods	50,169	70.44	RANGE	BOTTOM	8.94%	0	!!
MLHR	Herman Miller	Constr. - Supplies & Fixtures	Capital Goods	2,326	39.39	RANGE	BOTTOM	8.96%	0	
QLYS	Qualys Inc	Software & Programming	Technology	4,349	111.67	RANGE	BOTTOM	9.05%	0	!!
XPO	XPO Logistics, Inc.	Trucking	Transportation	9,323	81.33	RANGE	BOTTOM	9.11%	0	
MANH	Manhattan Associates	Software & Programming	Technology	9,710	153.15	RANGE	BOTTOM	9.14%	0	!!
ALGN	Align Tech	Medical Equipment & Supplies	Healthcare	53,516	677.32	RANGE	BOTTOM	9.22%	0	
ACIW	ACI Worldwide Inc	Consumer Financial Services	Financial	3,593	30.58	RANGE	BOTTOM	9.32%	0	
JW.A	Wiley(John)Sons 'A'	Printing & Publishing	Services	3,008	53.79	RANGE	BOTTOM	9.52%	0	
WWD	Woodward, Inc.	Misc. Capital Goods	Capital Goods	7,237	113.79	RANGE	BOTTOM	9.56%	0	
COR	CoreSite Realty Corp	Real Estate Operations	Services	6,298	142.47	RANGE	BOTTOM	9.57%	0	
FBHS	Fortune Brands Home & Security	Constr. - Supplies & Fixtures	Capital Goods	12,535	90.91	RANGE	BOTTOM	9.59%	0	!!

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	($million) MKT CAP	LAST	CONDITION TREND/RANGE	SHORT TERM ALERT	POSSIBLE NEXT MOVE	OVERBOUGHT OVERSOLD	RANGE? ALERT
HAS	Hasbro Inc	Recreational Products	Consumer Cyclical	12,738	92.52	RANGE	BOTTOM	9.61%	0	!!
AMD	Advanced Micro Devices Inc	Semiconductors	Technology	123,140	101.52	RANGE	BOTTOM	9.73%	0	
TAN	Invesco Solar Energy	0	0	0	79.7	RANGE	BOTTOM	9.89%	0	
MDC	MDC Hldg Inc	Construction Services	Capital Goods	3,418	48.4	RANGE	BOTTOM	10.00%	0	
DBX	Dropbox Inc	Software & Programming	Technology	11,799	29.61	RANGE	BOTTOM	10.17%	0	
TREX	Trex Co Inc	Forestry & Wood Products	Basic Materials	12,000	104.04	RANGE	BOTTOM	10.24%	0	
SRE	Sempra Energy	Electric Utilities	Utilities	39,475	123.62	RANGE	BOTTOM	11.47%	-1	
IDXX	Idexx Laboratories	Fish/Livestock	Consumer/Non-Cyclical	53,330	626.85	RANGE	BOTTOM	11.54%	0	!!
FTNT	Fortinet Inc	Software & Programming	Technology	47,017	287.88	RANGE	BOTTOM	11.57%	0	!!
NVDA	Nvidia Corp	Computer Hardware	Technology	517,475	206.99	RANGE	BOTTOM	11.81%	0	!!
EQIX	Equinix Inc REIT	Computer Services	Technology	71,705	798.94	RANGE	BOTTOM	12.08%	0	
ROL	Rollins Inc	Business Services	Services	17,557	35.68	RANGE	BOTTOM	12.16%	0	!!
TER	Teradyne Inc	Semiconductors	Technology	18,390	111.47	RANGE	BOTTOM	12.18%	0	
SBAC	SBA Communications'A'	Rental & Leasing	Services	36,328	331.6	RANGE	BOTTOM	12.87%	0	
TOL	Toll Brothers	Construction Services	Capital Goods	7,002	57.53	RANGE	BOTTOM	13.07%	0	
ARWR	Arrowhead Pharma Inc	Biotechnology & Drugs	Healthcare	6,323	60.65	RANGE	BOTTOM	13.83%	0	
CGNX	Cognex Corp	Scientific & Technical Instr.	Technology	14,225	80.5	RANGE	BOTTOM	13.90%	0	
INCY	Incyte Corp	Biotechnology & Drugs	Healthcare	15,167	68.68	RANGE	BOTTOM	15.13%	0	!!
ALB	Albemarle Corp	Chemical Manufacturing	Basic Materials	25,314	216.45	RANGE	BOTTOM	15.19%	0	
THC	Tenet Healthcare	Healthcare Facilities	Healthcare	7,181	67.08	RANGE	BOTTOM	15.31%	0	
DLR	Digital Realty Trust Inc	Real Estate Operations	Services	42,362	146.09	RANGE	BOTTOM	16.80%	-1	!!
YETI	YETI Holdings Inc	Recreational Products	Consumer Cyclical	7,768	88.8	RANGE	BOTTOM	16.95%	0	
IRDM	Iridium Communications Inc	Communications Services	Services	5,473	41.48	RANGE	BOTTOM	17.14%	0	
BLOK	Amplify Transformed Data Shrng	0	0	0	44.66	RANGE	BOTTOM	17.33%	0	
LPSN	Liveperson Inc	Software & Programming	Technology	4,137	59.3	RANGE	BOTTOM	18.43%	-1	
PTON	Peloton Interactive Inc	Recreational Products	Consumer Cyclical	26,384	87.8	RANGE	BOTTOM	29.62%	-3	!!

TPA TREND-RANGE STRATEGY EXPLAINED

Alerts:

1. **Uptrend stocks trading below short term moving averages:**
   - Possible buy at uptrend support (chart 1)
   - Possible sell if medium-term trend break (chart 2)
2. **Downtrend stocks trading above short-term moving averages**
   - Possible sell at downtrend resistance (chart 3)
   - Possible buy if medium-term trend break (chart 4)
3. **Range stocks (low trend strength) at the top or bottom 10% of their 2 STD DEV Bollinger Band**
   - Possible buy at bottom of range (chart 5)
   - Possible sell at top of range (chart 6)

Medium-term Trend Strength determined by DMI ADX

Uptrend – trend strength & DMI+ > DMI-

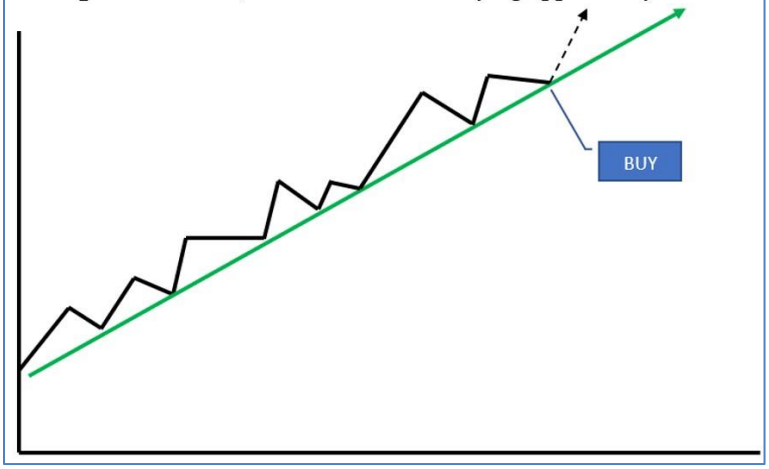
Downtrend – trend strength & DMI- > DMI+

Range – low trend strength

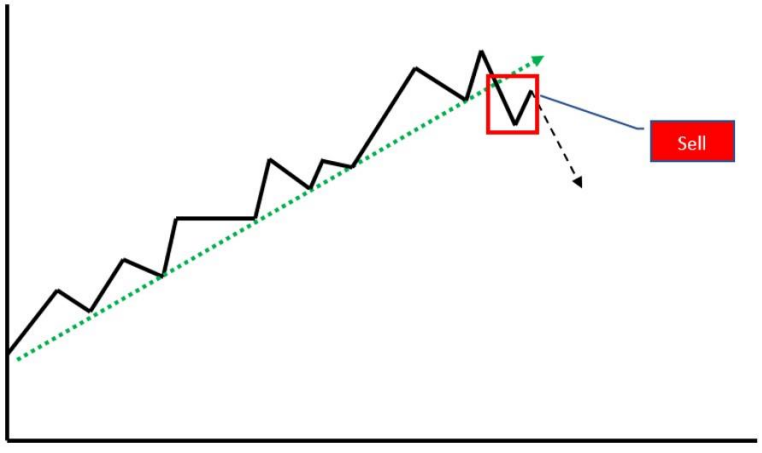
Actionable stocks fit one of the 6 TPA charts at the bottom of this report

TPA looks first to Trend-Range for actionable ideas. Other variables must also be examined including, but not confined to, TPA's ongoing macro investment themes, relative strength compared to the market, sector, and subsector, overbought or oversold characteristics, other technical patterns that may exist, patterns that involve fundamentals or EPS surprise, longer-term support and resistance levels, and longer-term uptrends and downtrend lines.

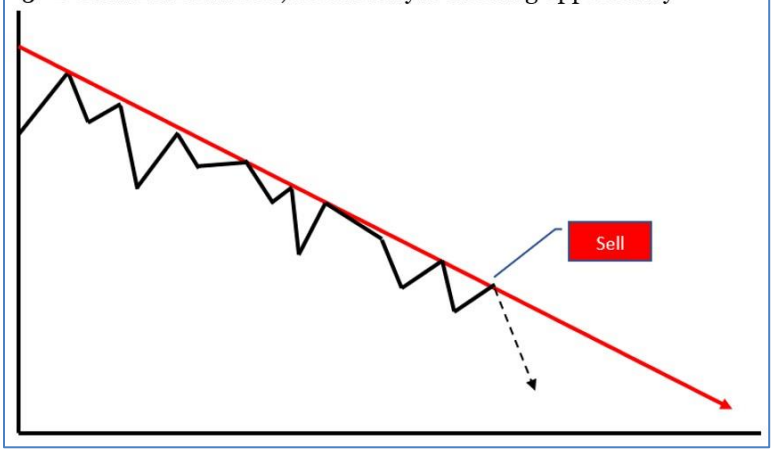
1. **Uptrend intact**, recent decline is a buying opportunity



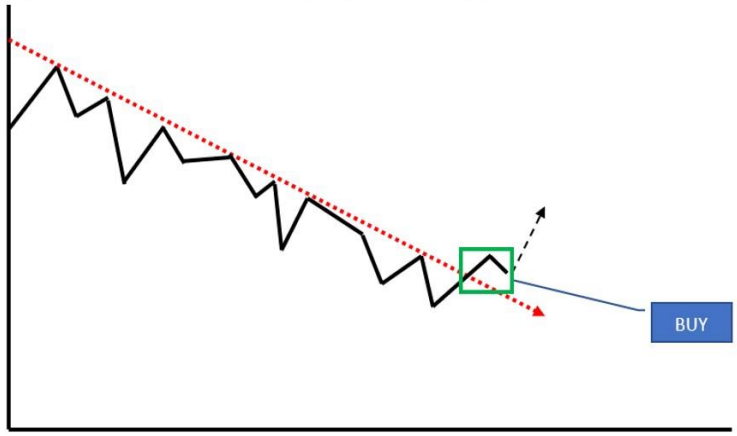
2. **Uptrend violation**, sell at new resistance



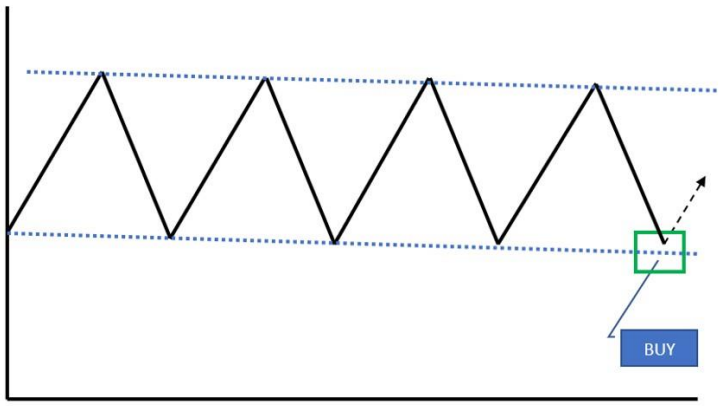
3. **Downtrend intact**, recent rally is a selling opportunity



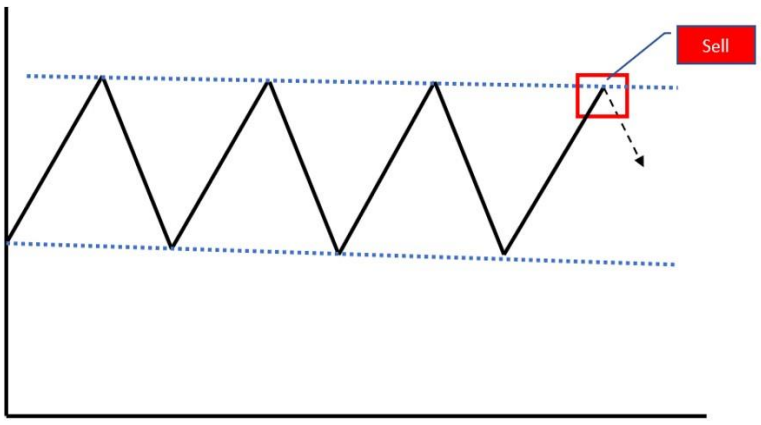
4. **Downtrend violation**, buy at new support



5. **Bottom of range**, buy at established support



6. **Top of range**, sell at established resistance



CLICK ON LINKS BELOW FOR TECHNICAL INDICATOR EXPLANATIONS:

ASCENDING - DESCENDING TRIANGLE

BASING-TOPPING-CONSOLIDATION
BREAKOUT (Breakdown)
CHANNEL & RANGE
DIRECTIONAL MOVEMENT INDEX (DMI)
DOUBLE BOTTOM or DOUBLE TOP
MACD-MOVING AVERAGE CONVERGENCE-DIVERGENCE
MOVING AVERAGES
RELATIVE STRENGTH & PEER STOCK PERFORMANCE
REPEATING PATTERNS
RSI-RELATIVE_STRENGTH
SUPPORT, RESISTANCE, BREAKOUT, BREAKDOWN
TREND

Visit TPA at http://www.turningpointanalyticsllc.com/

ALWAYS REMEMBER: No strategy exists in a vacuum – always evaluate the relevant sector & market.
Over 80% of portfolio performance is determined by sector and market forces (Ibbotson & Kaplan study – January/Febuary2000)

Turning Point Analytics Disclaimer

Turning Point Analytics (TPA) is only one of many tools that an investor should use to make a final investment decision. TPA is an overlay on top of a client's good fundamental or macro analysis. TPA does not create or provide fundamental analysis. The information in this communication may include technical analysis. Technical analysis is a discipline that studies the past trading history of a security while trying to forecast future price action. Technical analysis does not consider the underlying fundamentals of the security in question and it does not provide information reasonably sufficient upon which to base an investment decision. Investors should not rely on technical analysis alone while making an investment decision. Before making an investment decision, investors should consider reviewing all publicly available information regarding the security in question, including, but not limited to, the underlying fundamentals of the security and other information which is available in filings with the Securities and Exchange Commission. The information and analysis contained in reports provided by TPA are copyrighted and may not be duplicated or redistributed for any reason without the express written consent of TPA. The information in this communication is for institutional or sophisticated investors only. By accepting this communication, the recipient agrees not to forward, and/or copy the information to any other person, except as permitted, or required by law. TPA does not guarantee accuracy or completeness. TPA is a publisher of technical research and has no investment banking or advisory relationship with any company mentioned in any report. Reports are neither a solicitation to buy nor an offer to sell securities. Past performance is in no way indicative of future results. Opinions expressed are subject to change without notice. TPA will provide, upon request, the details of any past recommendations. TPA's analysis and recommendations should not be used as the sole reason to buy or sell any security. TPA may compensate brokers and intermediaries for sales and marketing services. You

understand and acknowledge that there is a very high degree of risk involved in trading securities and/or currencies. The Company, the authors, the publisher, and all affiliates of Company assume no responsibility or liability for your trading and investment results. It should not be assumed that the methods, techniques, or indicators presented will be profitable or that they will not result in losses. Statements, data, and analysis made by TPA or in its publications, are made as of the date stated and are subject to change without notice. TPA and/or its officers and employees may, from time to time acquire, hold, or sell a position in the securities mentioned herein. Upon request, TPA will furnish specific information in this regard. TPA will not be held liable for losses caused by conditions and/or events that are beyond TPA's control including, but not limited to war, strikes, natural disasters, new government restrictions, market fluctuations, and communications disruptions.