



# ARB Asset Management LLC

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## RoboSig FX Alpha Gen Fund

January 22, 2025

The Fund's objective is to provide consistent absolute returns at a target 10% volatility via a systematic FX strategy. The Fund uses proprietary statistical arbitrage models to capture idiosyncratic opportunities in the currency markets of industrialized nations. We specialize in trading FX Futures and Spot contracts in the highly liquid \$6 Trillion daily FX market. Our strategies are designed to be market neutral with an average trade duration of just over one week, monetizing short-term dislocations in target currency baskets.

<b>Strategy</b>	FX Trading	<b>Avg. RT/\$MM/Yr.</b>	3000
<b>Structure</b>	Onshore Fund/SMA	<b>Avg. Margin:Equity</b>	6%
<b>Minimum Inv.</b>	\$100K Fund/\$2M SMA	<b>Max. Margin:Equity</b>	20%
<b>Strategy AUM</b>	\$47M	<b>Executing Broker</b>	Wedbush
<b>Fee Structure</b>	2%/20%	<b>Auditor</b>	Richey May
<b>Platform Fee</b>	25 BPs (Fund)	<b>Administrator</b>	Formidium

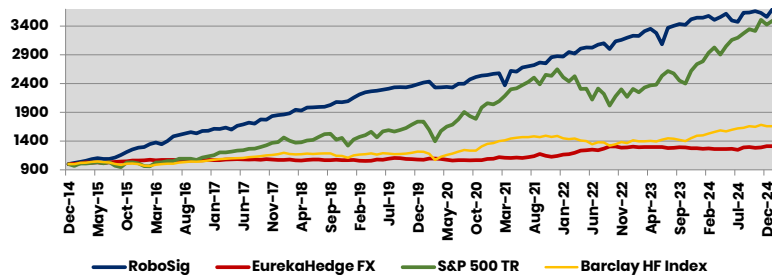
## Historical Results and Summary Statistics (Net of Fees)

Month-to-Date	<b>3.90%</b>	Year-to-Date	<b>3.90%</b>	Annualized RoR	<b>13.85%</b>	Annualized Vol.	<b>8.12%</b>	Worst Drawdown	<b>-8.16%</b>
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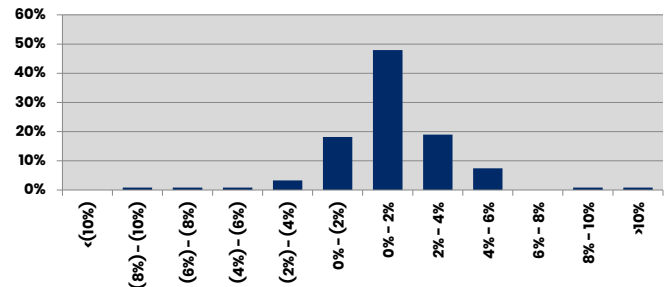
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	ITD
<b>2025</b>	3.90% **												3.90%	269.79%
<b>2024</b>	0.08%	0.86%	(1.93%)	1.34%	1.64%	(3.21%)	(0.67%)	4.56%	0.10%	0.66%	(0.85%)	(1.95%)	0.41%	255.91%
<b>2023</b>	1.06%	(0.03%)	2.49%	1.29%	(2.16%)	(6.04%)	9.35%	0.97%	0.91%	(0.35%)	2.87%	0.69%	10.88%	254.48%
<b>2022</b>	(0.23%)	2.80%	(0.98%)	2.90%	0.71%	(0.06%)	1.63%	0.87%	(3.30%)	4.54%	0.80%	1.13%	11.12%	219.69%
<b>2021</b>	0.84%	0.38%	(8.16%)	10.54%	(0.47%)	2.74%	0.80%	0.80%	1.67%	(0.51%)	3.82%	0.63%	12.83%	187.71%
<b>2020</b>	1.33%	0.64%	(4.15%)	0.06%	0.26%	(0.39%)	2.85%	(0.04%)	3.20%	1.62%	0.93%	0.50%	6.82%	154.99%
<b>2019</b>	2.98%	2.68%	1.68%	0.79%	0.41%	0.67%	0.90%	0.98%	0.14%	(0.09%)	0.77%	1.38%	14.08%	138.71%
<b>2018</b>	0.43%	1.13%	3.32%	(0.72%)	2.65%	0.18%	0.45%	0.11%	1.60%	2.55%	(0.12%)	0.72%	12.92%	109.25%
<b>2017</b>	2.23%	(0.35%)	1.49%	(1.94%)	4.11%	1.41%	1.79%	(1.00%)	4.16%	(0.13%)	3.61%	0.91%	17.32%	85.30%
<b>2016</b>	0.72%	4.02%	2.00%	(2.29%)	4.02%	5.93%	1.66%	1.76%	1.54%	(1.26%)	2.60%	0.21%	22.69%	57.95%

Shaded months indicate hypothetical returns. See Notes to Performance on page 3. \*\* Indicates estimated performance figure.

### Comparative VAMI vs. Benchmarks



### Distribution of Monthly Returns



Program Stats	
Alpha (S&P 500)	12.85%
Beta (S&P 500)	0.16
% Profitable Months	76.03%
Upside Deviation	1.78%
Downside Deviation	1.91%
Best Monthly Return	10.54%
Worst Monthly Return	(8.16%)
Sortino Ratio	2.02
Sharpe Ratio	1.65

Performance Window Analysis			
Period	High	Low	Avg.
One Month	10.54%	(8.16%)	1.11%
Three Months	13.04%	(7.04%)	3.30%
Six Months	21.25%	(4.18%)	6.73%
Nine Months	27.75%	(0.30%)	10.34%
Twelve Months	38.18%	0.41%	14.02%
Eighteen Months	48.18%	1.36%	21.50%
Twenty Four Months	57.98%	5.37%	28.89%
Rolling 12-Month Vol.	14.60%	1.77%	7.64%

Benchmark Correlations	
S&P 500	0.08
EurekaHedge FX	(0.04)
Russell 2K Growth ETF (IWO)	0.13
NASDAQ Composite	0.07
US Bond Index (AGG)	0.18
US REIT ETF (USRT)	0.23
Commodity ETF (COMT)	0.12
Gold ETF	0.06
US \$ Index ETF	(0.13)

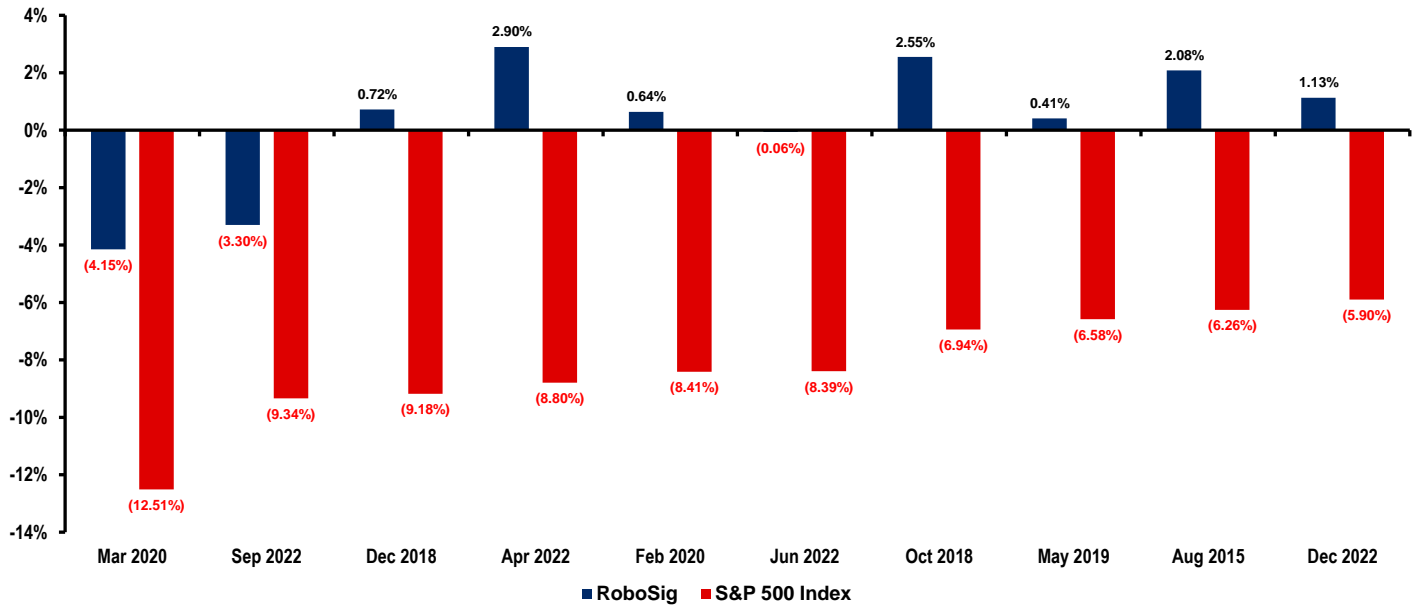
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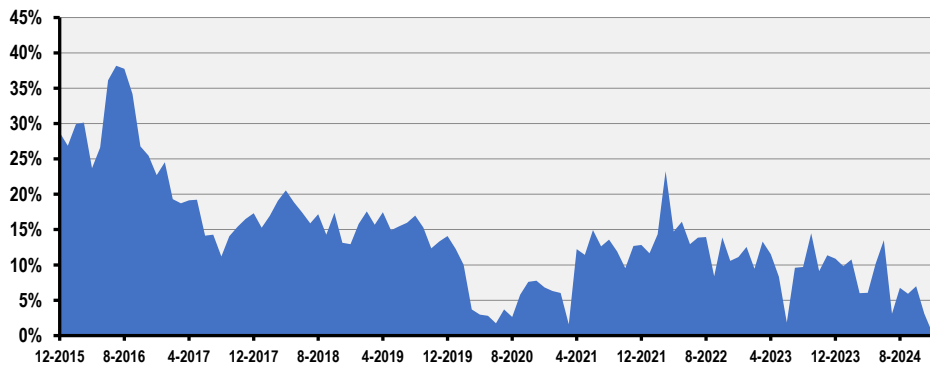
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## Performance During Worst 10 Months for the S&P 500 Index Since Data Inception



## 12-Month Rolling Return



## Rolling Returns (Cumulative)

1 Year	4.24%
3 Year	28.83%
5 Year	52.88%
Best 12 Month Return	38.18%
Worst 12 Month Return	1.60%
Best 24 Month Return	57.98%
Worst 24 Month Return	5.37%

## Manager Bios

### Dieter Marlovics

CEO

- As Partner and CIO at Gelber Group LLC, led the firm to become a highly profitable global algorithmic trading firm with over \$100M in capital.
- Founder of ReallyColor LLC, which built a patented technology allowing users to turn their photos into coloring books.
- Holds B.S. in Electrical Engineering from Northwestern University and an MBA from Northwestern's Kellogg School of Management

### Richard Preschern

CIO & Portfolio Manager

- As Co-Founder of RoboSig, led strategy development and implementation of RoboSig FX Alpha Gen
- 20+ years experience trading FX spot, futures, and options across all major currency pairs
- Holds B.S. in Economics from Northwestern University and an MBA from Quantic.

### Yixin Xie

Quant. Engineering

- Oversees the quantitative engineering and analysis effort at RoboSig.
- Prior to joining RoboSig, was a quantitative trader developing algorithmic trading systems in commodities at League Trading.
- Holds B.S. in Mathematics and Accounting from University of Tulsa and Masters in Mathematical Finance from IIT. He is a CFA charter holder.

### Chun "James" Kan

Systems Ops Manager

- Manages all operational trading systems at RoboSig
- Prior to RoboSig was a member of a market making group at Lerner Trading since 2005
- Conducted Theoretical and Applied Mechanics research at the University of Illinois - Urbana Champaign



## DISCLAIMER

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### NOTES TO PERFORMANCE

RETURNS FROM JAN 2015 TO JUNE 2017 ARE SIMULATED RETURNS. THEY REFLECT A PERIOD IN WHICH THE ROBOSIG STRATEGY WAS DEPLOYED IN VARIOUS LIVE TRACKS BUT TO WHICH ROBOSIG DOES NOT OWN THE RETURNS. RETURNS FROM JULY 2017 TO MARCH 2022 REFLECT REAL COMPOSITE RETURNS OF SMAS RUNNING THE STRATEGY TO WHICH ROBOSIG SERVED AS ADVISOR. THESE SMA ACCOUNTS WERE RUNNING A 2.5% TARGET VOL, AND HAVE BEEN SCALED TO 10% VOL, MAKING THEM HYPOTHETICAL RETURNS. RETURNS FROM APR 2022 TO JAN 2023 ARE ACTUAL RESULTS OF THE FX ALPHA GEN STRATEGY IN AN ARB TRADING PROP ACCOUNT AT A 10% TARGET VOL. RETURNS SINCE FEB 2023 ARE ACTUAL RESULTS OF THE ROBOSIG FX ALPHA GEN FUND, WHICH RUNS A 10% VOL TARGET AND IS SUBJECT TO SEED INVESTMENT TERMS OF 1% MANAGEMENT, 0.25% PLATFORM, AND 10% PERFORMANCE FEES.

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