



P.O. Box 534406, Pittsburgh, PA 15253-4406

Cusip No. 61775E 104 112

For Customer Service, call: 1-800-433-8191

Morgan Stanley

To the Unitholders of: *Morgan Stanley Portfolios, Series 66 Capex Captains*

In accordance with the Standard Terms and Conditions of the Trust, The Bank of New York Mellon, Trustee, submits the following cash basis statement for the calendar year ending December 31, 2024.

Income Account

Balance on January 1, 2024	\$	10,057.71
Income Received on Securities		109,479.51
Supplemental Deposit Income		4.54
Less:		
Trustee Fee and Fund Expenses	\$	15,251.51
Income Paid for Unit Redemptions		1,787.68
Distributions to Unitholders		87,717.35
Balance on December 31, 2024*	\$	14,785.22

Distributions From the Income Account

	Date	Rate per Unit	Total per Distribution
Semi-Annually:	01-09-24	\$ 0.00770	\$ 7,432.05
	06-25-24	0.04300	39,290.69
	12-25-24	0.04540	40,994.61
Total		\$ 0.09610	\$ 87,717.35

Principal and Redemption Accounts

Balance on January 1, 2024	\$	12,474.90
Proceeds Received from Sale, Maturity, Liquidation or Redemption of Securities		943,680.44
Receipts from Supplemental Deposits		5,362.01
Less:		
Payments for Securities Acquired	\$	2,803.52
Proceeds Paid to Unitholders from the Redemption Account for Redemption of Units		758,002.75
Principal Distributions from Capital Account		0.00
Organizational Expenses		7,899.81
Deferred Sales Charge		185,440.28
Balance on December 31, 2024*	\$	7,370.99

Distributions From the Principal Account

NONE

Securities Removed From the Portfolio

Date	Shares	Description	Proceeds
Various	254	Applied Materials Inc	\$ 50,308.14
Various	1,440	Cae Inc	28,505.53
Various	88	Deere & Co	35,076.87
Various	182	Eaton Corp Plc	55,839.88

Securities Removed From the Portfolio - Continued

Date	Shares	Description	Proceeds
Various	158	First Solar Inc	27,853.01
Various	565	Globalfoundries Inc	28,514.90
Various	3	Grail Inc	50.55
Various	1,072	Halliburton Co	40,338.47
Various	162	Honeywell International Inc	32,454.28
Various	155	Illumina Inc	20,168.08
Various	99	Intuitive Surgical Inc	39,520.67
Various	1,055	Jefferies Finl Group Inc	48,521.25
Various	188	Lincoln Electric Holdings Inc	43,908.80
Various	99	Moody'S Corp	39,643.73
Various	109	Motorola Solutions Inc	39,080.38
Various	73	Northrop Grumman Corp	34,036.71
Various	2,120	Nov Inc	40,981.06
Various	169	Palo Alto Networks Inc	49,470.33
Various	96	Parker-Hannifin Corp	53,041.62
Various	113	Rockwell Automation Inc	31,866.93
Various	514	Seagate Technology	46,497.73
Various	1,349	Shoals Technologies Group, Inc. (Class A)	14,420.11
Various	106	Solaredge Technologies Inc	6,511.55
Various	58	Thermo Fisher Scientific Inc	33,141.91
Various	814	Uber Technologies Inc	60,043.13
Various	1,825	Verra Mobility Corp	43,884.82
Totals	12,866		\$ 943,680.44

Securities Acquired - Purchases

Date	Shares	Description	Cost
Various	1	Applied Materials Inc	\$ 149.85
Various	8	Cae Inc	168.76
Various	1	Eaton Corp Plc	236.15
Various	3	Globalfoundries Inc	168.56
Various	289	Grail Inc	0.00
Various	6	Halliburton Co	210.03
Various	6	Jefferies Finl Group Inc	241.29
Various	1	Lincoln Electric Holdings Inc	210.17
Various	13	Nov Inc	260.85
Various	1,873	Palo Alto Networks Inc	284.03
Various	3	Seagate Technology	240.26
Various	8	Shoals Technologies Group, Inc. (Class A)	111.32
Various	5	Uber Technologies Inc	290.53
Various	11	Verra Mobility Corp	231.72
Totals	2,228		\$ 2,803.52

Stock Splits and Dividends

Date	Description	Reason
06-25-24	Grail Inc	Spin-Off
12-16-24	Palo Alto Networks Inc	Split

* Statement Regarding Negative Balances. Income Account - A negative balance in the Income Account may be attributed to the payment cycle of the securities in the Portfolio. Distributions may be more or less than the amount credited to the Income Account. Principal and Redemption Accounts - A negative balance in the Principal and Redemption Accounts may be attributed to pending securities sales to meet unit redemptions.

Bid prices have been determined and furnished to the Trustee by the Evaluator for the Trust. The prices quoted above are stated as a percentage of the face value.

The Bank of New York Mellon, as Trustee, is not in a position to determine, or assist unit holders in determining capital gains and losses. Questions that apply to the calculations of income taxes should be referred to your tax consultant.

Trustee reports for 2022, if applicable for your UIT, will not be distributed in paper form. Future reports will be posted to the Sponsor's website

(www.morganstanley.com/what-we-do/wealth-management/unit-investment-trusts). You may request a paper copy free of charge by contacting your Financial Advisor.

Per Unit Value Based on the 12/31/24 Bid Evaluation

Principal Value	Annually
Income Value	\$ 12.06890
	0.01710
Total Value	\$ 12.08600

Securities Portfolio As of December 31, 2024

<i>Shares</i>	<i>Description</i>
2,823	Applied Materials Inc
15,959	Cae Inc
992	Deere & Co
2,023	Eaton Corp Plc
1,754	First Solar Inc
6,261	Globalfoundries Inc
286	Grail Inc
11,874	Halliburton Co
1,792	Honeywell International Inc
1,714	Illumina Inc
1,106	Intuitive Surgical Inc
11,681	Jefferies Finl Group Inc
2,099	Lincoln Electric Holdings Inc
1,106	Moody'S Corp
1,221	Motorola Solutions Inc
800	Northrop Grumman Corp
23,483	Nov Inc
3,741	Palo Alto Networks Inc
1,067	Parker-Hannifin Corp
1,257	Rockwell Automation Inc
5,688	Seagate Technology
14,926	Shoals Technologies Group, Inc. (Class A)
1,182	Solaredge Technologies Inc
648	Thermo Fisher Scientific Inc
9,010	Uber Technologies Inc
20,197	Verra Mobility Corp
144,690	
900,882	Units Outstanding