

LIBERTY ALL STAR EQUITY FUND

Form N-30B-2

November 23, 2016

LIBERTY ALL-STAR® EQUITY FUND

Periods Ended September 30, 2016 (Unaudited)

Fund Statistics

| | |
|-----------------------|--------|
| Net Asset Value (NAV) | \$6.11 |
| Market Price | \$5.18 |
| Discount | -15.2% |

| | Quarter | Year-to-Date |
|----------------------------|------------------|------------------|
| Distributions* | \$0.12 | \$0.36 |
| Market Price Trading Range | \$4.97 to \$5.27 | \$4.26 to \$5.28 |
| Premium/(Discount) Range | -14.9% to -16.3% | -14.0% to -17.6% |

Performance

| | | |
|---|--------|-------|
| Shares Valued at NAV with Dividends Reinvested | 4.89% | 6.32% |
| Shares Valued at Market Price with Dividends Reinvested | 5.57% | 4.12% |
| Dow Jones Industrial Average | 2.78% | 7.21% |
| Lipper Large-Cap Core Mutual Fund Average | 3.72% | 6.03% |
| NASDAQ Composite Index | 10.02% | 7.09% |
| S&P 500® Index | 3.85% | 7.84% |

Sources of distributions to shareholders may include ordinary dividends, long-term capital gains and return of capital. The actual amounts and sources of the amounts for tax reporting purposes will depend upon the Fund's *investment experience during its fiscal year and may be subject to changes based on tax regulations. Pursuant to Section 852 of the Internal Revenue Code, the taxability of these distributions will be reported on Form 1099-DIV for 2016.

Performance returns for the Fund are total returns, which include dividends. Returns are net of management fees and other Fund expenses.

The returns shown for the Lipper Large-Cap Core Mutual Fund Average are based on open-end mutual funds' total returns, which include dividends, and are net of fund expenses. Returns for the unmanaged Dow Jones Industrial Average, NASDAQ Composite Index and the S&P 500® Index are total returns, including dividends. A description of the Lipper benchmark and the market indices can be found on page 20.

Past performance cannot predict future results. Performance will fluctuate with market conditions. Current performance may be lower or higher than the performance data shown. Performance information does not reflect the deduction of taxes that shareholders would pay on Fund distributions or the sale of Fund shares. An investment in the Fund involves risk, including loss of principal.

Closed-end funds raise money in an initial public offering and shares are listed and traded on an exchange. Open-end mutual funds continuously issue and redeem shares at net asset value. Shares of closed-end funds frequently trade at a discount to net asset value. The price of the Fund's shares is determined by a number of factors, several of which are beyond the control of the Fund. Therefore, the Fund cannot predict whether its shares will trade at, below or above net

asset value.

Secondary market support provided to the Fund by ALPS Fund Services, Inc.'s affiliate ALPS Portfolio Solutions Distributor, Inc., a FINRA member.

(Unaudited)

Fellow Shareholders: October 2016

Stocks posted their best quarterly returns of the year in the three months ended September 30, a period punctuated by multiple record highs for the S&P 500® Index, the Dow Jones Industrial Average (DJIA) and the NASDAQ Composite Index. Respectively, the three indices returned 3.85 percent, 2.78 percent and 10.02 percent, the latter marking its best quarter since 2013. Characterizing the prevailing sentiment during the quarter, on August 11 all three indices reached new highs on the same day—an event not seen since the dot-com era, according to The Wall Street Journal.

In addition, the volatility that roiled markets during the first half—exemplified by the collapse in energy prices in the first quarter and the “Brexit” referendum in the second—was largely absent and reflecting the calm that prevailed during the quarter, the S&P 500 did not experience a move of 1 percent or more from July 11 until September 9.

The quarter was not without worry, chiefly wariness over what the Federal Reserve would do with respect to raising interest rates, and when it would do it. Yet each Fed meeting passed without action. In addition, the financial sector continued to lag the overall market in the record low interest rate environment that has prevailed in recent years.

The long-running but tepid economic recovery continued to show steady, if uninspired, progress. A surprising market bounce after the initial sell-off following the June 23 Brexit vote set the stage for the strong quarter. In mid-July, the DJIA enjoyed a nine-day streak of higher returns—its longest in three years. Although lower year-over-year, corporate earnings turned out better than expected. Stocks jumped in early August on the strength of a Labor Department report that showed U.S. employers added 221,000 jobs in July. Job growth eased to 144,000 in August, a figure that was still acceptable to investors and viewed as likely to keep the Fed at bay until the end of the year. Other sources of strength came from higher home sales, a surge in consumer confidence and firmer crude oil prices. The technology-focused NASDAQ Composite's 10.02 percent return reflected investors' greater appetite for risk, as well as tech bellwethers' prospects for growth in a growth-challenged economy.

Liberty All-Star® Equity Fund

As it did in the second quarter, Liberty All-Star® Equity Fund outperformed all key benchmarks but for the exceptional 10 percent-plus return posted by the NASDAQ Composite. For the quarter, the Fund returned 4.89 percent with shares valued at net asset value (NAV) with dividends reinvested and 5.57 percent with shares valued at market price with dividends reinvested. The Lipper Large-Cap Core Mutual Fund Average returned 3.72 percent. The discount at which Fund shares traded relative to their NAV was little changed over the quarter, ranging from -14.9 percent to -16.3 percent. Through the first nine months of the year, Fund returns were mixed, modestly trailing large-cap indices such as the S&P 500 and the DJIA, but topping the Lipper Large-Cap Core Mutual Fund Average.

Third Quarter Report (Unaudited) | September 30, 2016 1

Liberty All-Star® Equity Fund President's
Letter

(Unaudited)

The Fund's distribution for the third quarter was \$0.12. The Fund's distribution policy has been in place since 1988 and is a major component of the Fund's total return. These distributions add up to \$25.53 since 1987 (the Fund's first full calendar year of operations). We continue to emphasize that shareholders should include these distributions when determining the return on their investment in the Fund.

We are gratified by the Fund's performance over the last two quarters. In the past quarter in particular, we were pleased with indications that bottom-up company fundamentals may be starting to play a larger role in investors' decision-making after a protracted period when macro factors appeared to drive markets (the presidential election notwithstanding). Should this hold, it will likely benefit astute stock pickers and active managers, and we are hopeful that the recent momentum continues through the final quarter of the year. Regardless of market direction, we will remain vigilant and in close collaboration with the Fund's five investment managers. Thank you for your continued confidence in Liberty All-Star® Equity Fund.

Sincerely,

William R. Parmentier, Jr.
President and Chief Executive Officer
Liberty All-Star® Equity Fund

The views expressed in the President's letter reflect the views of the President as of October 2016 and may not reflect his views on the date this report is first published or anytime thereafter. These views are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict so actual outcomes and results may differ significantly from the views expressed. These views are subject to change at any time based upon economic, market or other conditions and the Fund disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for the Fund are based on numerous factors, may not be relied on as an indication of trading intent.

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Liberty All-Star® Equity Fund Table of Distributions & Rights Offerings

September 30, 2016 (Unaudited)

Rights Offerings

| Year | Per Share Distributions | Month Completed | Shares Needed to Purchase One Additional Share | Subscription Price | Tax Credits ¹ |
|-------------------------|-------------------------|-----------------|--|--------------------|--------------------------|
| 1988 | \$0.64 | | | | |
| 1989 | 0.95 | | | | |
| 1990 | 0.90 | | | | |
| 1991 | 1.02 | | | | |
| 1992 | 1.07 | April | 10 | \$10.05 | |
| 1993 | 1.07 | October | 15 | 10.41 | \$0.18 |
| 1994 | 1.00 | September | 15 | 9.14 | |
| 1995 | 1.04 | | | | |
| 1996 | 1.18 | | | | 0.13 |
| 1997 | 1.33 | | | | 0.36 |
| 1998 | 1.40 | April | 20 | 12.83 | |
| 1999 | 1.39 | | | | |
| 2000 | 1.42 | | | | |
| 2001 | 1.20 | | | | |
| 2002 | 0.88 | May | 10 | 8.99 | |
| 2003 | 0.78 | | | | |
| 2004 | 0.89 | July | 10 ² | 8.34 | |
| 2005 | 0.87 | | | | |
| 2006 | 0.88 | | | | |
| 2007 | 0.90 | December | 10 | 6.51 | |
| 2008 | 0.65 | | | | |
| 2009 ³ | 0.31 | | | | |
| 2010 | 0.31 | | | | |
| 2011 | 0.34 | | | | |
| 2012 | 0.32 | | | | |
| 2013 | 0.35 | | | | |
| 2014 | 0.39 | | | | |
| 2015 ⁴ | 0.51 | | | | |
| 2016 | | | | | |
| 1 st Quarter | 0.12 | | | | |
| 2 nd Quarter | 0.12 | | | | |

3rd Quarter 0.12
Total \$24.35

The Fund's net investment income and net realized capital gains exceeded the amount to be distributed under the Fund's distribution policy. In each case, the Fund elected to pay taxes on the undistributed income and passed through a proportionate tax credit to shareholders.

The number of shares offered was increased by an additional 25 percent to cover a portion of the over-subscription requests.

Effective with the second quarter distribution, the annual distribution rate was changed from 10 percent to 6 percent.

Effective with the second quarter distribution, the annual distribution rate was changed from 6 percent to 8 percent.

DISTRIBUTION POLICY

The current policy is to pay distributions on its shares totaling approximately 8 percent of its net asset value per year, payable in four quarterly installments of 2 percent of the Fund's net asset value at the close of the New York Stock Exchange on the Friday prior to each quarterly declaration date. Sources of distributions to shareholders may include ordinary dividends, long-term capital gains and return of capital. The actual amounts and sources of the amounts for tax reporting purposes will depend upon the Fund's investment experience during its fiscal year and may be subject to changes based on tax regulations. If a distribution includes anything other than net investment income, the Fund provides a Section 19(a) notice of the best estimate of its distribution sources at that time. These estimates may not match the final tax characterization (for the full year's distributions) contained in shareholders' 1099-DIV forms after the end of the year. If the Fund's ordinary dividends and long-term capital gains for any year exceed the amount distributed under the distribution policy, the Fund may, in its discretion, retain and not distribute capital gains and pay income tax thereon to the extent of such excess.

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Liberty All-Star[®] Equity Fund Top 20 Holdings & Economic Sectors

September 30, 2016 (Unaudited)

| Top 20 Holdings* | Percent of Net Assets |
|---------------------------------------|-----------------------|
| Alphabet, Inc., Class C | 2.21% |
| Visa, Inc., Class A | 1.93 |
| Mondelez International, Inc., Class A | 1.92 |
| Salesforce.com, Inc. | 1.64 |
| Amazon.com, Inc. | 1.58 |
| The Priceline Group, Inc. | 1.54 |
| Facebook, Inc., Class A | 1.53 |
| Halliburton Co. | 1.44 |
| Lowe's Companies, Inc. | 1.42 |
| Cerner Corp. | 1.36 |
| Adobe Systems, Inc. | 1.35 |
| CVS Health Corp. | 1.34 |
| Starbucks Corp. | 1.30 |
| Chubb Ltd. | 1.27 |
| Bank of America Corp. | 1.26 |
| Equinix, Inc. | 1.19 |
| Intel Corp. | 1.18 |
| Amgen, Inc. | 1.16 |
| Chipotle Mexican Grill, Inc. | 1.11 |
| Abbott Laboratories | 1.02 |
| | 28.75% |

| Economic Sectors* | Percent of Net Assets |
|----------------------------|-----------------------|
| Information Technology | 20.81% |
| Financials | 17.90 |
| Health Care | 15.02 |
| Consumer Discretionary | 12.05 |
| Consumer Staples | 9.68 |
| Energy | 8.99 |
| Industrials | 5.41 |
| Materials | 2.83 |
| Real Estate | 2.18 |
| Utilities | 1.29 |
| Telecommunication Services | 1.23 |

| | |
|------------------|---------|
| Other Net Assets | 2.61 |
| | 100.00% |

* Because the Fund is actively managed, there can be no guarantee that the Fund will continue to hold securities of the indicated issuers and sectors in the future.

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Liberty All-Star® Equity Fund Major Stock Changes in the Quarter

September 30, 2016 (Unaudited)

The following are the major (\$5 million or more) stock changes - both purchases and sales - that were made in the Fund's portfolio during the third quarter of 2016.

| Security Name | Shares | |
|-----------------------------|-------------------|--------------------|
| | Purchases (Sales) | Held as of 9/30/16 |
| Purchases | | |
| Abbott Laboratories | 168,500 | 276,425 |
| Alliance Data Systems Corp. | 27,679 | 27,679 |
| Capital One Financial Corp. | 83,315 | 83,315 |
| EQT Corp. | 74,800 | 74,800 |
| PPG Industries, Inc. | 51,500 | 51,500 |
| Sales | | |
| ARM Holdings PLC | (217,774) | 0 |
| Illinois Tool Works, Inc. | (47,000) | 0 |
| Johnson Controls, Inc. | (161,400) | 0 |

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Investment Managers/
Liberty All-Star® Equity Fund Portfolio Characteristics

September 30, 2016 (Unaudited)

THE FUND'S ASSETS ARE APPROXIMATELY EQUALLY DISTRIBUTED AMONG THREE VALUE MANAGERS AND TWO GROWTH MANAGERS:

ALPS Advisors, Inc., the investment advisor to the Fund, has the ultimate authority (subject to oversight by the Board of Trustees) to oversee the investment managers and recommend their hiring, termination and replacement.

MANAGERS' DIFFERING INVESTMENT STRATEGIES ARE REFLECTED IN PORTFOLIO CHARACTERISTICS

The portfolio characteristics table below is a regular feature of the Fund's shareholder reports. It serves as a useful tool for understanding the value of a multi-managed portfolio. The characteristics are different for each of the Fund's five investment managers. These differences are a reflection of the fact that each pursues a different investment style. The shaded column highlights the characteristics of the Fund as a whole, while the final column shows portfolio characteristics for the S&P 500® Index.

PORTFOLIO CHARACTERISTICS As of September 30, 2016 (Unaudited)

Investment Style Spectrum

| | PZENA | DELAWARE | ARISTOTLE | SUSTAINABLE | TCW | TOTAL FUND | S&P 500® INDEX |
|---|-------|----------|-----------|-------------|-------|------------|----------------|
| Number of Holdings | 40 | 32 | 42 | 29 | 30 | 146* | 505 |
| Percent of Holdings in Top 10 | 35% | 33% | 31% | 42% | 50% | 17% | 18% |
| Weighted Average Market Capitalization (billions) | \$82 | \$86 | \$72 | \$119 | \$114 | \$95 | \$144 |
| Average Five-Year Earnings Per Share Growth | 2% | 6% | 6% | 14% | 15% | 9% | 8% |
| Dividend Yield | 2.8% | 2.6% | 2.0% | 1.1% | 0.5% | 1.8% | 2.1% |
| Price/Earnings Ratio** | 14x | 19x | 17x | 28x | 42x | 21x | 20x |
| Price/Book Value Ratio | 1.9x | 2.4x | 2.8x | 5.3x | 4.9x | 3.1x | 3.2x |

*Certain holdings are held by more than one manager.

**Excludes negative earnings.

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Liberty All-Star[®] Equity Fund Schedule of Investments

As of September 30, 2016 (Unaudited)

| | SHARES | MARKET VALUE |
|---|---------|-----------------|
| COMMON STOCKS (97.39%) | | |
| CONSUMER DISCRETIONARY (12.05%) | | |
| Automobiles (0.40%) | | |
| Ford Motor Co. | 385,900 | \$4,657,813 |
| Hotels, Restaurants & Leisure (2.82%) | | |
| Chipotle Mexican Grill, Inc. ^(a) | 30,252 | 12,811,722 |
| Hilton Worldwide Holdings, Inc. | 200,400 | 4,595,172 |
| Starbucks Corp. | 276,415 | 14,965,108 |
| | | 32,372,002 |
| Household Durables (0.50%) | | |
| Lennar Corp., Class A | 136,000 | 5,758,240 |
| Internet & Catalog Retail (3.12%) | | |
| Amazon.com, Inc. ^(a) | 21,657 | 18,133,623 |
| The Priceline Group, Inc. ^(a) | 12,014 | 17,678,481 |
| | | 35,812,104 |
| Media (1.77%) | | |
| The Interpublic Group of Cos., Inc. | 128,075 | 2,862,476 |
| News Corp., Class A | 305,600 | 4,272,288 |
| News Corp., Class B | 73,245 | 1,041,544 |
| Omnicom Group, Inc. | 64,775 | 5,505,875 |
| Time Warner, Inc. | 84,000 | 6,687,240 |
| | | 20,369,423 |
| Specialty Retail (2.49%) | | |
| The Home Depot, Inc. | 55,600 | 7,154,608 |
| Lowe's Companies, Inc. | 226,143 | 16,329,786 |
| Staples, Inc. | 597,507 | 5,108,685 |
| | | 28,593,079 |
| Textiles, Apparel & Luxury Goods (0.95%) | | |
| NIKE, Inc., Class B | 156,474 | 8,238,356 |
| Under Armour, Inc., Class A ^{(a)(b)} | 52,800 | 2,042,304 |
| Under Armour, Inc., Class C ^(a) | 17,713 | 599,762 |
| | | 10,880,422 |
| CONSUMER STAPLES (9.68%) | | |
| Beverages (0.95%) | | |
| Diageo PLC ^(c) | 40,800 | 4,734,432 |
| Monster Beverage Corp. ^(a) | 42,600 | 6,254,106 |
| | | 10,988,538 |
| Food & Staples Retailing (3.68%) | | |
| Costco Wholesale Corp. | 39,675 | 6,050,834 |
| CVS Health Corp. | 173,400 | 15,430,866 |
| Walgreens Boots Alliance, Inc. | 83,100 | 6,699,522 |
| Wal-Mart Stores, Inc. | 102,925 | 7,422,951 |

See Notes to Schedule of Investments.

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Liberty All-Star® Equity Fund Schedule of Investments

As of September 30, 2016 (Unaudited)

| | SHARES | MARKET VALUE |
|---|---------|---------------------------|
| COMMON STOCKS (continued) | | |
| Food & Staples Retailing (continued) | | |
| Whole Foods Market, Inc. | 235,294 | \$6,670,585 42,274,758 |
| Food Products (3.51%) | | |
| Archer-Daniels-Midland Co. | 261,400 | 11,023,238 |
| The Kraft Heinz Co. | 80,400 | 7,196,604 |
| Mondelez International, Inc., Class A | 503,282 | 22,094,080 40,313,922 |
| Household Products (0.79%) | | |
| Colgate-Palmolive Co. | 122,620 | 9,091,047 |
| Personal Products (0.75%) | | |
| Coty, Inc., Class A ^(b) | 119,000 | 2,796,500 |
| Unilever NV | 126,100 | 5,813,210 8,609,710 |
| ENERGY (8.99%) | | |
| Energy Equipment & Services (2.59%) | | |
| Core Laboratories NV ^(b) | 47,929 | 5,383,865 |
| Halliburton Co. | 369,700 | 16,592,136 |
| Schlumberger Ltd. | 99,130 | 7,795,583 29,771,584 |
| Oil, Gas & Consumable Fuels (6.40%) | | |
| BP PLC ^{(b)(c)} | 187,451 | 6,590,777 |
| Cenovus Energy, Inc. | 337,675 | 4,852,390 |
| Chevron Corp. | 69,900 | 7,194,108 |
| ConocoPhillips | 156,800 | 6,816,096 |
| EQT Corp. | 74,800 | 5,431,976 |
| Exxon Mobil Corp. | 73,000 | 6,371,440 |
| Marathon Oil Corp. | 229,700 | 3,631,557 |
| Murphy Oil Corp. | 207,725 | 6,314,840 |
| Occidental Petroleum Corp. | 92,500 | 6,745,100 |
| Phillips 66 | 74,500 | 6,000,975 |
| Pioneer Natural Resources Co. | 28,600 | 5,309,590 |
| Royal Dutch Shell PLC, Class A ^(c) | 166,157 | 8,319,456 73,578,305 |
| FINANCIALS (17.90%) | | |
| Capital Markets (4.65%) | | |
| Ameriprise Financial, Inc. | 56,100 | 5,597,097 |
| Bank of New York Mellon Corp. | 170,500 | 6,799,540 |
| The Charles Schwab Corp. | 154,700 | 4,883,879 |
| Franklin Resources, Inc. | 186,375 | 6,629,359 |
| The Goldman Sachs Group, Inc. | 40,750 | 6,571,753 |
| Morgan Stanley | 255,400 | 8,188,124 |

See Notes to Schedule of Investments.

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Liberty All-Star[®] Equity Fund Schedule of Investments

As of September 30, 2016 (Unaudited)

| | SHARES | MARKET VALUE |
|--|---------|-----------------|
| COMMON STOCKS (continued) | | |
| Capital Markets (continued) | | |
| State Street Corp. | 147,367 | \$10,261,164 |
| UBS Group AG | 325,600 | 4,434,672 |
| | | 53,365,588 |
| Commercial Banks (3.18%) | | |
| Banco Bilbao Vizcaya Argentaria SA ^{(b)(c)} | 571,457 | 3,405,884 |
| BB&T Corp. | 190,800 | 7,196,976 |
| BOK Financial Corp. ^(b) | 44,400 | 3,062,268 |
| Cullen/Frost Bankers, Inc. | 44,600 | 3,208,524 |
| First Republic Bank | 78,000 | 6,014,580 |
| M&T Bank Corp. | 35,400 | 4,109,940 |
| Mitsubishi UFJ Financial Group, Inc. ^(c) | 682,100 | 3,444,605 |
| Regions Financial Corp. | 614,950 | 6,069,556 |
| | | 36,512,333 |
| Consumer Finance (2.45%) | | |
| Capital One Financial Corp. | 83,315 | 5,984,516 |
| Visa, Inc., Class A | 268,458 | 22,201,477 |
| | | 28,185,993 |
| Diversified Financial Services (3.63%) | | |
| Bank of America Corp. | 927,950 | 14,522,417 |
| Citigroup, Inc. | 176,730 | 8,346,958 |
| JPMorgan Chase & Co. | 146,275 | 9,740,452 |
| Voya Financial, Inc. | 317,125 | 9,139,543 |
| | | 41,749,370 |
| Insurance (3.99%) | | |
| The Allstate Corp. | 104,100 | 7,201,638 |
| American International Group, Inc. | 93,575 | 5,552,740 |
| Axis Capital Holdings Ltd. | 95,400 | 5,183,082 |
| Chubb Ltd. | 116,100 | 14,587,965 |
| Marsh & McLennan Cos., Inc. | 105,800 | 7,115,050 |
| Metlife, Inc. | 140,725 | 6,252,412 |
| | | 45,892,887 |
| HEALTH CARE (15.02%) | | |
| Biotechnology (4.12%) | | |
| AbbVie, Inc. | 101,300 | 6,388,991 |
| Alexion Pharmaceuticals, Inc. ^(a) | 48,180 | 5,903,977 |
| Amgen, Inc. | 79,680 | 13,291,421 |
| BioMarin Pharmaceutical, Inc. ^(a) | 50,173 | 4,642,006 |
| Celgene Corp. ^(a) | 91,901 | 9,606,411 |
| Regeneron Pharmaceuticals, Inc. ^(a) | 18,636 | 7,492,045 |
| | | 47,324,851 |
| Health Care Equipment & Supplies (1.70%) | | |
| Baxter International, Inc. | 149,000 | 7,092,400 |

See Notes to Schedule of Investments.

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Liberty All-Star[®] Equity Fund Schedule of Investments

As of September 30, 2016 (Unaudited)

| | SHARES | MARKET VALUE |
|--|---------|-----------------|
| COMMON STOCKS (continued) | | |
| Health Care Equipment & Supplies (continued) | | |
| Danaher Corp. | 63,500 | \$4,977,765 |
| Medtronic PLC | 86,200 | 7,447,680 |
| | | 19,517,845 |
| Health Care Providers & Services (2.40%) | | |
| Acadia Healthcare Co., Inc. ^(a) | 90,250 | 4,471,888 |
| Cardinal Health, Inc. | 89,300 | 6,938,610 |
| Cigna Corp. | 15,350 | 2,000,412 |
| Express Scripts Holding Co. ^(a) | 96,800 | 6,827,304 |
| Quest Diagnostics, Inc. | 86,500 | 7,320,495 |
| | | 27,558,709 |
| Health Care Technology (1.92%) | | |
| Athenahealth, Inc. ^{(a)(b)} | 50,300 | 6,343,836 |
| Cerner Corp. ^(a) | 253,864 | 15,676,102 |
| | | 22,019,938 |
| Life Sciences Tools & Services (0.51%) | | |
| Illumina, Inc. ^(a) | 32,400 | 5,885,784 |
| Pharmaceuticals (4.37%) | | |
| Abbott Laboratories | 276,425 | 11,690,013 |
| Allergan PLC ^(a) | 32,438 | 7,470,796 |
| Johnson & Johnson | 60,200 | 7,111,426 |
| Merck & Co., Inc. | 113,300 | 7,071,053 |
| Novartis AG ^{(b)(c)} | 73,000 | 5,764,080 |
| Novo Nordisk AS ^(c) | 99,938 | 4,156,421 |
| Pfizer, Inc. | 207,400 | 7,024,638 |
| | | 50,288,427 |
| INDUSTRIALS (5.41%) | | |
| Aerospace & Defense (1.77%) | | |
| General Dynamics Corp. | 41,000 | 6,361,560 |
| Northrop Grumman Corp. | 33,100 | 7,081,745 |
| Raytheon Co. | 51,100 | 6,956,243 |
| | | 20,399,548 |
| Commercial Services & Supplies (0.62%) | | |
| Waste Management, Inc. | 111,600 | 7,115,616 |
| Machinery (2.63%) | | |
| Deere & Co. | 43,000 | 3,670,050 |
| Dover Corp. | 106,975 | 7,877,639 |
| Oshkosh Corp. | 104,500 | 5,852,000 |
| Parker-Hannifin Corp. | 57,000 | 7,155,210 |
| Stanley Black & Decker, Inc. | 45,700 | 5,620,186 |
| | | 30,175,085 |

See Notes to Schedule of Investments.

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Liberty All-Star[®] Equity Fund Schedule of Investments

As of September 30, 2016 (Unaudited)

| | SHARES | MARKET VALUE |
|--|---------|-----------------|
| COMMON STOCKS (continued) | | |
| Road & Rail (0.39%) | | |
| Kansas City Southern | 47,910 | \$4,470,961 |
| INFORMATION TECHNOLOGY (20.81%) | | |
| Communications Equipment (0.63%) | | |
| Cisco Systems, Inc. | 226,300 | 7,178,236 |
| Computers & Peripherals (0.43%) | | |
| HP, Inc. | 315,950 | 4,906,704 |
| Electronic Equipment & Instruments (0.21%) | | |
| Corning, Inc. | 103,290 | 2,442,809 |
| Internet Software & Services (3.74%) | | |
| Alphabet, Inc., Class C ^(a) | 32,679 | 25,401,060 |
| Facebook, Inc., Class A ^(a) | 137,083 | 17,583,636 |
| | | 42,984,696 |
| IT Services (3.11%) | | |
| Alliance Data Systems Corp. ^(a) | 27,679 | 5,937,976 |
| Automatic Data Processing, Inc. | 87,880 | 7,751,016 |
| FleetCor Technologies, Inc. ^(a) | 53,603 | 9,312,449 |
| PayPal Holdings, Inc. ^(a) | 135,200 | 5,539,144 |
| Xerox Corp. | 706,400 | 7,155,832 |
| | | 35,696,417 |
| Semiconductors & Semiconductor Equipment (2.33%) | | |
| Intel Corp. | 360,266 | 13,600,042 |
| Microchip Technology, Inc. | 105,000 | 6,524,700 |
| Texas Instruments, Inc. | 95,000 | 6,667,100 |
| | | 26,791,842 |
| Software (8.28%) | | |
| Adobe Systems, Inc. ^(a) | 142,976 | 15,518,615 |
| CA, Inc. | 211,600 | 6,999,728 |
| Microsoft Corp. | 179,700 | 10,350,720 |
| Mobileye NV ^(a) | 149,550 | 6,366,343 |
| Oracle Corp. | 191,025 | 7,503,462 |
| Red Hat, Inc. ^(a) | 100,306 | 8,107,734 |
| Salesforce.com, Inc. ^(a) | 264,112 | 18,839,109 |
| SAP SE ^{(b)(c)} | 86,000 | 7,861,260 |
| ServiceNow, Inc. ^(a) | 92,100 | 7,289,715 |
| Splunk, Inc. ^(a) | 108,200 | 6,349,176 |
| | | 95,185,862 |
| Technology Hardware, Storage & Equipment (2.08%) | | |
| Apple, Inc. | 90,998 | 10,287,324 |

See Notes to Schedule of Investments.

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Liberty All-Star[®] Equity Fund Schedule of Investments

As of September 30, 2016 (Unaudited)

| | SHARES | MARKET VALUE |
|--|---------|-----------------|
| COMMON STOCKS (continued) | | |
| Technology Hardware, Storage & Equipment (continued) | | |
| Hewlett Packard Enterprise Co. | 276,246 | \$6,284,596 |
| Seagate Technology | 190,600 | 7,347,630 |
| | | 23,919,550 |
| MATERIALS (2.83%) | | |
| Chemicals (2.30%) | | |
| The Dow Chemical Co. | 99,100 | 5,136,353 |
| Ecolab, Inc. | 73,810 | 8,984,153 |
| EI du Pont de Nemours & Co. | 103,500 | 6,931,395 |
| PPG Industries, Inc. | 51,500 | 5,323,040 |
| | | 26,374,941 |
| Construction Materials (0.53%) | | |
| Martin Marietta Materials, Inc. | 34,100 | 6,107,651 |
| REAL ESTATE (2.18%) | | |
| Real Estate Investment Trusts (2.18%) | | |
| American Tower Corp. | 100,750 | 11,417,998 |
| Equinix, Inc. | 37,961 | 13,675,450 |
| | | 25,093,448 |
| TELECOMMUNICATION SERVICES (1.23%) | | |
| Diversified Telecommunication (1.23%) | | |
| AT&T, Inc. | 174,900 | 7,102,689 |
| Verizon Communications, Inc. | 134,800 | 7,006,904 |
| | | 14,109,593 |
| UTILITIES (1.29%) | | |
| Electric Utilities (0.61%) | | |
| Edison International | 97,300 | 7,029,925 |
| Gas Utilities (0.34%) | | |
| National Fuel Gas Co. | 72,000 | 3,893,040 |
| Independent Power and Renewable Energy Producers (0.34%) | | |
| AES Corp. | 307,000 | 3,944,950 |
| TOTAL COMMON STOCKS (COST OF \$987,443,857) | | 1,119,193,546 |

See Notes to Schedule of Investments.

Liberty All-Star[®] Equity Fund Schedule of Investments

As of September 30, 2016 (Unaudited)

| | SHARES | MARKET VALUE |
|---|------------|-----------------|
| SHORT TERM INVESTMENTS (4.01%) | | |
| MONEY MARKET FUND (2.58%) | | |
| State Street Institutional U.S. Government Money Market Fund, 0.27% ^(d) (COST OF \$29,627,816) | 29,627,816 | \$29,627,816 |
| INVESTMENTS PURCHASED WITH COLLATERAL FROM SECURITIES LOANED (1.43%) | | |
| State Street Navigator Securities Lending Prime Portfolio, 0.30% (COST OF \$16,468,819) | 16,468,819 | 16,468,819 |
| TOTAL SHORT TERM INVESTMENTS (COST OF \$46,096,635) | | 46,096,635 |
| TOTAL INVESTMENTS (101.40%) (COST OF \$1,033,540,492) ^(e) | | 1,165,290,181 |
| LIABILITIES IN EXCESS OF OTHER ASSETS (-1.40%) | | (16,106,909) |
| NET ASSETS (100.00%) | | \$1,149,183,272 |
| NET ASSET VALUE PER SHARE (188,097,203 SHARES OUTSTANDING) | | \$6.11 |

^(a) Non-income producing security.^(b) Security, or a portion of the security position, is currently on loan. The total market value of securities on loan is \$25,887,842.^(c) American Depositary Receipt.^(d) Rate reflects seven-day effective yield on September 30, 2016.^(e) Cost of investments for federal income tax purposes is \$1,034,828,200.

Gross unrealized appreciation and depreciation at September 30, 2016 based on cost of investments for federal income tax purposes is as follows:

| | |
|-------------------------------|----------------|
| Gross unrealized appreciation | \$ 171,952,122 |
| Gross unrealized depreciation | (41,490,141) |
| Net unrealized appreciation | \$ 130,461,981 |

See Notes to Schedule of Investments.

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Liberty All-Star[®] Equity Fund Notes to Schedule of Investments

September 30, 2016 (Unaudited)

Security Valuation

Equity securities are valued at the last sale price at the close of the principal exchange on which they trade, except for securities listed on the NASDAQ Stock Market LLC ("NASDAQ"), which are valued at the NASDAQ official closing price. Unlisted securities or listed securities for which there were no sales during the day are valued at the closing bid price on such exchanges or over-the-counter markets.

Cash collateral from securities lending activity is reinvested in the State Street Navigator Securities Lending Prime Portfolio, a registered investment company under the Investment Company Act of 1940 (the "1940 Act"), which operates as a money market fund in compliance with Rule 2a-7 under the 1940 Act. Shares of registered investment companies are valued daily at that investment company's net asset value per share.

The Fund's investments are valued at market value or, in the absence of market value with respect to any portfolio securities, at fair value according to procedures adopted by the Fund's Board of Trustees (the "Board"). When market quotations are not readily available, or in management's judgment they do not accurately reflect fair value of a security, or an event occurs after the market close but before the Fund is priced that materially affects the value of a security, the security will be valued by the Fund's Valuation Committee using fair valuation procedures established by the Board. Examples of potentially significant events that could materially impact a Fund's net asset value include, but are not limited to: single issuer events such as corporate actions, reorganizations, mergers, spin-offs, liquidations, acquisitions and buyouts; corporate announcements on earnings or product offerings; regulatory news; and litigation and multiple issuer events such as governmental actions; natural disasters or armed conflicts that affect a country or a region; or significant market fluctuations. Potential significant events are monitored by the Advisor, ALPS Advisors, Inc. (the "Advisor"), Sub-Advisers and/or the Valuation Committee through independent reviews of market indicators, general news sources and communications from the Fund's custodian. As of September 30, 2016, the Fund held no securities that were fair valued.

Security Transactions

Security transactions are recorded on trade date. Cost is determined and gains/(losses) are based upon the specific identification method for both financial statement and federal income tax purposes.

Income Recognition

Interest income is recorded on the accrual basis. Corporate actions and dividend income are recorded on the ex-date.

The Fund estimates components of distributions from real estate investment trusts ("REITs"). Distributions received in excess of income are recorded as a reduction of the cost of the related investments. Once the REIT reports annually the tax character of its distributions, the Fund revises its estimates. If the Fund no longer owns the applicable securities, any distributions received in excess of income are recorded as realized gains.

Lending of Portfolio Securities

The Fund may lend its portfolio securities only to borrowers that are approved by the Fund's securities lending agent, State Street Bank & Trust Co. ("SSB"). The Fund will limit such lending to not more than 30% of the value of its total assets. The borrower pledges and maintains with the Fund collateral consisting of cash (U.S. Dollar only), securities issued or guaranteed by the U.S. government or its agencies or instrumentalities, or by irrevocable bank letters of credit issued by a person other than the borrower or an affiliate of the borrower. The initial collateral received by the Fund is required to have a value of no less than 102% of the market value of the loaned securities for securities traded on U.S. exchanges and a value of no less than 105% of the market value for all other securities. The collateral is maintained thereafter, at a market value equal to no less than 100% of the current value of the securities on loan. The market value of the loaned securities is determined at the close of each business day and any additional required collateral is delivered to the Fund on the next business day. During the term of the loan, the Fund is entitled to all

distributions made on or in respect of the loaned securities. Loans of securities are terminable at any time and the borrower, after notice, is required to return borrowed securities within the standard time period for settlement of securities transactions.

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Liberty All-Star® Equity Fund Notes to Schedule of Investments

September 30, 2016 (Unaudited)

Any cash collateral received is reinvested in a money market fund managed by SSB as disclosed in the Fund's Schedule of Investments. Non-cash collateral, in the form of securities issued or guaranteed by the U.S. government or its agencies or instrumentalities, is not disclosed in the Fund's Schedule of Investments as it is held by the lending agent on behalf of the Fund, and the Fund does not have the ability to re-hypothecate these securities. As of September 30, 2016, the market value of securities on loan was \$25,887,842, and the total cash collateral and non-cash collateral received was \$16,468,819 and \$10,050,671, respectively.

The risks of securities lending include the risk that the borrower may not provide additional collateral when required or may not return the securities when due. To mitigate these risks, the Fund benefits from a borrower default indemnity provided by SSB. SSB's indemnity allows for full replacement of securities lent wherein SSB will purchase the unreturned loaned securities on the open market by applying the proceeds of the collateral, or to the extent such proceeds are insufficient or the collateral is unavailable, SSB will purchase the unreturned loan securities at SSB's expense. However, the Fund could suffer a loss if the value of the investments purchased with cash collateral falls below the value of the cash collateral received.

Fair Value Measurements

The Fund discloses the classification of its fair value measurements following a three-tier hierarchy based on the inputs used to measure fair value. Inputs refer broadly to the assumptions that market participants would use in pricing the asset or liability, including assumptions about risk. Inputs may be observable or unobservable. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability that are developed based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability that are developed based on the best information available.

Valuation techniques used to value the Fund's investments by major category are as follows:

Equity securities that are valued based on unadjusted quoted prices in active markets are categorized as Level 1 in the hierarchy. In the event there were no sales during the day or closing prices are not available, securities are valued at the mean of quoted bid and ask prices on such day and are generally categorized as Level 2 in the hierarchy. Investments in open-end mutual funds are valued at their closing NAV each business day and are categorized as Level 1 in the hierarchy.

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Liberty All-Star® Equity Fund Notes to Schedule of Investments

September 30, 2016 (Unaudited)

Various inputs are used in determining the value of the Fund's investments as of the end of the reporting period. When inputs used fall into different levels of the fair value hierarchy, the level in the hierarchy within which the fair value measurement falls is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The designated input levels are not necessarily an indication of the risk or liquidity associated with these investments.

These inputs are categorized in the following hierarchy under applicable financial accounting standards:

Level 1 Unadjusted quoted prices in active markets for identical investments, unrestricted assets or liabilities that a
– Fund has the ability to access at the measurement date;

Level 2 – Quoted prices which are not active, quoted prices for similar assets or liabilities in active markets or inputs
– other than quoted prices that are observable (either directly or indirectly) for substantially the full term of the asset or liability; and

Level 3 – Significant unobservable prices or inputs (including the Fund's own assumptions in determining the fair value
– of investments) where there is little or no market activity for the asset or liability at the measurement date.

The following is a summary of the inputs used to value the Fund's investments as of September 30, 2016:

| | Valuation Inputs | | | Total |
|--|------------------|---------|---------|-----------------|
| | Level 1 | Level 2 | Level 3 | |
| Investments in Securities at Value* | | | | |
| Common Stocks | \$1,119,193,546 | \$ – | \$ – | \$1,119,193,546 |
| Short Term Investment | 29,627,816 | – | – | 29,627,816 |
| Investments Purchased with Collateral from Securities Loaned | 16,468,819 | – | – | 16,468,819 |
| Total | \$1,165,290,181 | \$ – | \$ – | \$1,165,290,181 |

*See Schedule of Investments for industry classifications.

The Fund recognizes transfers between levels as of the end of the period. For the period ended September 30, 2016, the Fund did not have any transfers between Level 1 and Level 2 securities. The Fund did not have any securities which used significant unobservable inputs (Level 3) in determining fair value during the period.

Indemnification

In the normal course of business, the Fund enters into contracts that contain a variety of representations and warranties and which provide general indemnities. The Fund's maximum exposure under these arrangements is unknown, as this would involve future claims against the Fund. Also, under the Fund's organizational documents and by contract, the Trustees and Officers of the Fund are indemnified against certain liabilities that may arise out of their duties to the Fund.

Liberty All-Star® Equity Fund Notes to Schedule of Investments

September 30, 2016 (Unaudited)

However, based on experience, the Fund expects the risk of loss due to these warranties and indemnities to be minimal.

Shareholder Meeting Results

On August 25, 2016, the Annual Meeting of Shareholders of the Fund was held to elect two Trustees and to approve a new Portfolio Management Agreement with Sustainable Growth Advisers, LP (“Sustainable”). On June 13, 2016, the record date for the meeting, the Fund had outstanding 186,840,852 shares of beneficial interest. The votes cast at the meeting were as follows:

Proposal 1 – To elect two Trustees:

| Nominee | For | Against/Withheld |
|--------------------|-----------------|------------------|
| John J. Neuhauser | 123,495,201.599 | 7,911,834.436 |
| Richard C. Rantzow | 123,717,182.599 | 7,689,853.436 |

Proposal 3 - To approve a new Portfolio Management Agreement with Sustainable:

| For | Against/Withheld | Abstain | Broker Non-Votes |
|----------------|------------------|---------------|------------------|
| 91,244,448.561 | 7,034,630.085 | 2,182,124.489 | 30,945,832.900 |

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Liberty All-Star® Equity Fund Privacy Policy

September 30, 2016 (Unaudited)

This Privacy Policy Notice discloses the privacy policies of the Liberty All-Star® Funds, which are advised by ALPS Advisors, Inc. and serviced by ALPS Fund Services, Inc. (the “Companies”). The Companies and the Funds are referred to herein collectively as “we” or “us.”

Protecting Your Privacy is a Top Priority

We realize that our ability to offer superior products and services depends on the personal and financial information we collect from you. We value your business and are committed to maintaining your trust. That is why we have made your privacy a top priority.

The Information We Have and Where We Get It

We collect information about you from a variety of sources, including:

- Information we receive from you on applications or other forms, such as your name, address and phone number; your social security number; and your assets, income and other household information;
- Information about your other transactions with us, our affiliates or others, such as your account balances and transactions history; and
- Information from visitors to our websites provided through online forms, site visitorship data and online information-collecting devices known as “cookies.”

We do not solicit personal or financial information from minors without written parental consent, nor do we knowingly market products and services to minors.

How We Use This Information

We may share all of the information we collect with the Companies as part of the ordinary course of providing financial products and services to you, for the purpose of offering you new products and services to address your financial needs, for product development purposes and as otherwise required or permitted by law.

To assist in our business dealings with you, we may also share this information with companies (other than the Companies) that perform services, including marketing services, on our behalf (such as vendors that package and mail our investor statements and marketing research firms that enhance our ability to market our products and services). We do not share your information with mailing list or direct marketing companies. Thus, the information you provide to us will not result in unwanted solicitations from third-party marketers.

Finally, we may share this information with other entities outside of the Companies for the following purposes, including among others:

- To respond to a subpoena or court order, judicial process or regulatory inquiry;
- To report suspicious transactions to government agencies and law enforcement officials;
- To protect against fraud;
- To provide products and services with the consent or the direction of a customer; or
- In connection with the proposed or actual sale or merger of all or a portion of a business or operating unit.

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Liberty All-Star® Equity Fund Privacy Policy

September 30, 2016 (Unaudited)

Except as described above, and except for information we provide to nonaffiliated third parties as otherwise required or permitted by law, we do not share information about you with nonaffiliated third parties.

Security of Personal Financial Information

We restrict access to information about you to those employees we determine need to know that information to provide products and services to you. We maintain physical, electronic and procedural safeguards to protect this information.

If you provide information to us via our websites in order to view your account activity or conduct transactions, we use 128-bit SSL encryption security with passwords to ensure a safe transmission of data between you and us. Information you provide is stored and transmitted in a secure environment, accessible only by a select group of people who are given a secure passcode to access the information.

We continuously assess new technology for protecting information and upgrade our systems where appropriate.

If You Have Any Questions or Concerns About This Privacy Policy Notice,
Please Write to Us at:

ALPS Advisors, Inc.
Attn: Compliance Department
1290 Broadway, Suite 1100
Denver, CO 80203

Former Customers

If, for whatever reason, our customer relationship with you ends, we will preserve your information as necessary to comply with applicable laws. The measures we take to protect the privacy of customer information, as described in this Privacy Policy Notice, will continue to apply to you. We also will comply with more restrictive state laws to the extent they apply.

We reserve the right to change this Privacy Policy Notice, and any of the policies described herein, at any time. The examples contained in this Privacy Policy Notice are illustrations; they are not intended to be exclusive.

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Liberty All-Star® Equity Fund Description of Lipper Benchmark
And Market Indices

September 30, 2016 (Unaudited)

Dow Jones Industrial Average

A price-weighted measure of 30 U.S. blue-chip companies.

Lipper Large-Cap Core Mutual Fund Average

The average of funds that, by portfolio practice, invest at least 75% of their equity assets in companies with market capitalizations (on a three-year weighted basis) above Lipper's U.S. domestic equity large-cap floor. These funds typically have average characteristics compared to the S&P 500® Index.

NASDAQ Composite Index

Measures all NASDAQ domestic and international based common type stocks listed on the NASDAQ Stock Market.

S&P 500® Index

A large cap U.S. equities index that includes 500 leading companies and captures approximately 80% coverage of available market capitalization.

An investor cannot invest directly in an index.

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