ATLAS AIR WORLDWIDE HOLDINGS INC Form DEF 14A May 13, 2014

Table of Contents

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

PROXY STATEMENT PURSUANT TO SECTION 14(A) OF THE SECURITIES

	EXCHANGE ACT OF 1934			
File	Filed by the Registrant "			
File	Filed by a Party other than the Registrant "			
Check the appropriate box:				
	Preliminary Proxy Statement			
	Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))			
þ	Definitive Proxy Statement			
	Definitive Additional Materials			
	Soliciting Material Under Rule 14a-12			

ATLAS AIR WORLDWIDE HOLDINGS, INC.

(Name of Registrant As Specified In Its Charter)

N/A

(Name of Person(s) Filing Proxy statement, if Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- b No fee required.
- " Fee computed on table below per Exchange Act Rules 14a-6(i)(4) and 0-11
 - (1) Title of each class of securities to which transaction applies:

(2)	Aggregate <i>number</i> of securities to which transaction applies:
(3)	Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth in the amount on which the filing fee is calculated and state how it was determined):
(4)	Proposed maximum aggregate value of transaction:
(5)	Total fee paid:
Chec	paid previously with preliminary materials. ck box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a) (2) and identify the filing for which the offsetting for paid previously. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing. Amount Previously Paid:
(2)	Form, Schedule or Registration Statement No.:
(3)	Filing Party:
(4)	Date Filed:

Notice of Annual Meeting of Shareholders and 2014 Proxy Statement

ATLAS AIR WORLDWIDE HOLDINGS, INC.

2000 Westchester Avenue

Purchase, New York 10577-2543

May 13, 2014

Dear Shareholder:

On behalf of the Board of Directors, I cordially invite you to attend the 2014 Annual Meeting of Shareholders of Atlas Air Worldwide Holdings, Inc. The Annual Meeting of Shareholders will be held at 10:00 a.m., local time, on Monday, June 16, 2014, at our corporate headquarters located at 2000 Westchester Avenue, Purchase, NY 10577.

The business to be conducted at the Meeting is outlined in the attached Notice of Annual Meeting of Shareholders and Proxy Statement. The annual report for the year ended December 31, 2013 is also enclosed.

The shares represented by your proxy will be voted at the Annual Meeting of Shareholders as therein specified (if the proxy is properly executed, returned and not revoked). Accordingly, we request that you promptly sign, date and mail the enclosed proxy in the accompanying prepaid envelope provided for your convenience. You may revoke your proxy at any time before its use by delivering to the Secretary of the Company a written notice of revocation or a duly executed proxy bearing a later date or by attending the Annual Meeting of Shareholders and voting in person. Attending the Annual Meeting of Shareholders in and of itself will not constitute a revocation of a proxy.

Lastly, I want to draw your attention to a letter from the Board of Directors to our shareholders that appears on pages 1 and 2 of this Proxy Statement. The letter reviews our 2013 accomplishments, shareholder outreach efforts and other matters of interest to our shareholders.

Sincerely,

FREDERICK MCCORKLE

Chairman of the Board of Directors

ATLAS AIR WORLDWIDE HOLDINGS, INC.

2000 WESTCHESTER AVENUE

PURCHASE, NEW YORK 10577-2543

Notice of 2014

Annual Meeting of Shareholders

To be held on June 16, 2014

We will hold the 2014 Annual Meeting of Shareholders of Atlas Air Worldwide Holdings, Inc., a Delaware corporation, on Monday, June 16, 2014, at 10:00 a.m., local time, at our corporate headquarters located at 2000 Westchester Avenue, Purchase, NY 10577, for the following purposes:

- 1. To elect a board of directors to serve until the 2015 Annual Meeting of Shareholders or until their successors are elected and qualified;
- 2. To ratify the selection of PricewaterhouseCoopers LLP as the independent registered public accounting firm for the Company for the fiscal year ended December 31, 2014;
- 3. To hold an advisory vote with respect to the compensation of the Company s Named Executive Officers; and
- 4. To transact such other business, if any, as may properly come before the meeting and any adjournments thereof. The foregoing matters are described in more detail in the Proxy Statement that is attached to this notice.

Only shareholders of record at the close of business on April 21, 2014, which date has been fixed as the record date for notice of the Annual Meeting of Shareholders, are entitled to receive this notice and to vote at the meeting and any adjournments thereof.

YOUR VOTE IS VERY IMPORTANT. WE HOPE YOU WILL ATTEND THIS ANNUAL MEETING OF SHAREHOLDERS IN PERSON, BUT IF YOU CANNOT, PLEASE SIGN AND DATE THE ENCLOSED PROXY CARD. RETURN THE PROXY CARD IN THE ENCLOSED ENVELOPE, WHICH REQUIRES NO POSTAGE IF MAILED IN THE UNITED STATES. IF YOU ATTEND THE ANNUAL MEETING OF SHAREHOLDERS, YOU MAY VOTE IN PERSON EVEN IF YOU HAVE RETURNED A PROXY CARD. IF YOU HAVE RECEIVED MORE THAN ONE PROXY CARD, IT IS AN INDICATION THAT YOUR SHARES ARE REGISTERED IN MORE THAN ONE ACCOUNT. PLEASE COMPLETE, DATE, SIGN AND RETURN <u>EACH</u> PROXY CARD YOU RECEIVE.

By Order of the Board of Directors

WILLIAM J. FLYNN

President and Chief Executive Officer

May 13, 2014

TABLE OF CONTENTS

TABLE OF CONTENTS

Letter to the Shareholders from our Board of Directors	1
General Information	3
About the Annual Meeting	3
Record Date and Voting Securities	4
Shares Registered in the Name of a Bank, Broker or Nominee	4
Broker Non-Votes	4
Quorum, Vote Required	5
Revocability of Proxies	5
Proxy Solicitation	5
Proxy Tabulation	6
Proposal No. 1 Election of Directors	7
Corporate Governance, Board and Committee Matters	11
Executive Sessions	11
Board Leadership Structure	11
Board Oversight of Risk Management Process	11
Compensation of Outside Directors	12
Communications with the Board	14
Board Effectiveness and Annual Assessment	14
<u>Director Independence</u>	15
Board Committees	15
Nominating and Governance Committee	16
Code of Ethics Applicable to the Chief Executive Officer, Senior Financial Officers and Members of the Board of Directors	17
Employee Handbook and Code of Conduct	17
Audit Committee	17
Audit Committee Report	18
Fees to Independent Registered Public Accounting Firm	18
Pre-Approval Policies and Procedures	19
Compensation Committee	19
Compensation Discussion and Analysis	21
<u>Overview</u>	22
Discussion of our Compensation Program	28
Compensation Committee Report	38
Compensation Committee Interlocks and Insider Participation	39
Compensation of Named Executive Officers	39
Employment Agreements	44
Potential Payments Upon Termination or Change of Control	45

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement | i

TABLE OF CONTENTS

Proposal No. 2 Ratification of PricewaterhouseCoopers LLP as the	
Company s Independent Registered Public Accounting Firm for 2014	49
Proposal No. 3 Advisory Vote with Respect to the Compensation of	
our Named Executive Officers	50
Stock Ownership	51
Beneficial Ownership Table	51
Section 16(a) Beneficial Ownership Reporting Compliance	53
Certain Relationships and Related Person Transactions	54
Deadline for Receipt of Shareholder Proposals to be Presented at the	
2015 Annual Meeting	55
Shareholder Proposals to Be Included in Our 2015 Proxy Statement	55
Advance Notice Procedures	55
Additional Copies of Annual Report	55
Additional Information	55
Separate Voting Materials	55
<u>List of Shareholders</u>	56
<u>Limited Voting by Foreign Owners</u>	56
Extent of Incorporation by Reference of Certain Materials	56
Other Matters	57

ii Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

LETTER TO THE SHAREHOLDERS

LETTER TO THE SHAREHOLDERS FROM OUR BOARD OF DIRECTORS

Dear Fellow Shareholder:

As your Board, we welcome this opportunity to communicate with you.

In stewarding your Company, we seek to achieve long-term, sustainable performance and create value through the right business strategies, prudent risk management, effective corporate governance practices and compensation programs and well-functioning talent and succession planning.

Even in a challenging airfreight environment, we have remained healthy and profitable by capitalizing on strategic initiatives to strengthen and diversify our business mix, expanding our customer base, generating cost savings through operating efficiencies, and enhancing our portfolio of assets and services.

In addition to operating the world s largest fleet of Boeing 747 freighters, we are benefiting from:

The strength of our new Boeing 747-8 Freighters;

The addition of Boeing 777 Freighters with predictable long-term revenue and earnings streams in Dry Leasing;

Our growing, non-asset-intensive CMI (crew, maintenance and insurance) operations within ACMI (aircraft, crew, maintenance and insurance);

Expanding Boeing 767 aircraft service; and

Expansion of our passenger charter operations.

Building on the strength of our aircraft service offerings, we developed several new strategic customer relationships in 2013 and early 2014.

In ACMI, we added Astral Aviation in Africa, BST Logistics in Asia, Chapman Freeborn in Europe, and expanded with Etihad Airways in the Middle East. In CMI, we introduced new 767 cargo CMI service for DHL Express and initiated high-end 767 passenger service for U.S.-based MLW Air. And in Dry Leasing, we grew our roster with Aerologic and TNT Transport International in Europe as well as Emirates Airlines in the Middle East.

Our business strategies and actions position us well to capitalize on market improvements and the strong operating leverage in our model. Our approach complements a capital allocation strategy that demonstrates our commitment to creating, enhancing and returning value to our shareholders, both through business growth and returns of capital through our share buyback program.

We are also committed to corporate governance best practices. These include annually elected directors, all of whom are independent (except for our CEO); separate CEO and chairman positions; 100% independent board committees; a strong independent chairman role; the absence of any poison pill; and an ongoing dialogue with shareholders. In addition, we recently adopted a majority vote standard for uncontested Director elections beginning with the 2015 Annual Meeting of Shareholders.

Partnering with senior management, we have made it a priority to employ a robust shareholder outreach program on several topics. Since we began our outreach efforts over two years ago, we have devoted a significant amount of time to listening to our shareholders about executive compensation and corporate governance matters. These discussions have proved invaluable because we heard that most of our shareholders believed that while the basic structure of the Company s executive compensation program was sound, certain changes were necessary to more appropriately align the program with corporate performance and shareholders interests.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 1

Table of Contents

LETTER TO THE SHAREHOLDERS

We have listened to our shareholders and have incorporated your feedback into modifications and enhancements to our executive compensation program. We strongly encourage you to read the Compensation Discussion and Analysis section of this Proxy Statement, and in particular the Overview section, for details on our executive compensation program and these recent changes and enhancements.

Please feel free to share your thoughts or concerns with us. Communications can be addressed to the Board in care of the Office of the Secretary, Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, NY 10577.

We value your input, your investment and your support. Thank you.

Frederick McCorkle, Chairman

Robert F. Agnew

Timothy J. Bernlohr

Eugene I. Davis

William J. Flynn

James S. Gilmore

Carol B. Hallett

Duncan J. McNabb

2 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

GENERAL INFORMATION

ATLAS AIR WORLDWIDE HOLDINGS, INC.

2000 Westchester Avenue

Purchase, New York 10577-2543

PROXY STATEMENT

ANNUAL MEETING OF SHAREHOLDERS

June 16, 2014

GENERAL INFORMATION

This Proxy Statement is furnished in connection with the solicitation of proxies by the Board of Directors (the Board of Directors or Board) of Atlas Air Worldwide Holdings, Inc., a Delaware corporation (AAWW or the Company), for use at the Annual Meeting of Shareholders (the Annual Meeting) to be held on Monday, June 16, 2014, at our corporate headquarters located at 2000 Westchester Avenue, Purchase, NY 10577 at 10:00 a.m., local time, and at any adjournments or postponements of the Annual Meeting. It is expected that this Proxy Statement and the accompanying proxy will first be mailed or delivered to shareholders beginning on or about May 15, 2014. Proxies may be solicited in person, by telephone or by mail, and the costs of such solicitation will be borne by AAWW.

AAWW is a leading global provider of outsourced aircraft and aviation services, operating the world s largest fleet of Boeing 747 freighters, as well as Boeing 747 and 767 passenger aircraft and Boeing 767 Freighters. AAWW s next generation 747-8F offers the industry the latest in technology and efficiency. The Company now also provides Boeing 777 Freighters on a dry leasing basis.

AAWW is a holding company with a principal operating subsidiary, Atlas Air, Inc. (Atlas), which is wholly owned. It also maintains a 49 percent interest in Global Supply Systems Limited (GSS) and has a 51 percent economic interest and a 75 percent voting interest in Polar Air Cargo Worldwide, Inc. (Polar). AAWW is also the parent company of several wholly owned subsidiaries related to our dry leasing services (collectively referred to as Titan). Except as otherwise noted, AAWW, Atlas, and Titan (along with all other entities included in AAWW s consolidated financial statements) are collectively referred to herein as the Company, AAWW, we, us, or our.

ABOUT THE ANNUAL MEETING

At our Annual Meeting, the holders of shares of our Common Stock, par value \$0.01 per share (the Common Stock), will act upon the matters outlined in the notice of meeting on the cover page of this Proxy Statement, in addition to transacting such other business, if any, as may properly come before the meeting or any adjournments thereof. The shares represented by your proxy will be voted as indicated on your proxy, if properly executed. If your proxy is properly signed and returned, but no directions are given on the proxy, the shares represented by your proxy will be voted:

FOR the election of the director nominees named herein, to serve until the 2014 Annual Meeting or until their successors are elected and qualified (Proposal No. 1);

<u>FOR</u> ratifying the selection of PricewaterhouseCoopers LLP as the independent registered public accounting firm for the Company for the year ending December 31, 2014 (Proposal No. 2); and

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 3

PROXY SUMMARY

FOR the adoption of an advisory resolution approving the compensation of our Named Executive Officers (the Say on Pay vote) (Proposal No. 3).

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE

ANNUAL MEETING OF SHAREHOLDERS TO BE HELD ON JUNE 16, 2014

This Proxy Statement and the AAWW 2013 Annual Report are available for

downloading, viewing and printing at http://www.ezodproxy.com/atlasair/2014.

In addition, if any other matters are properly submitted to a vote of shareholders at the Annual Meeting, the accompanying form of proxy gives the proxy holders the discretionary authority to vote your shares in accordance with their best judgment on that matter. Unless you specify otherwise, it is expected that your shares will be voted on those matters as recommended by our Board of Directors, or if no recommendation is given, in the proxy holders discretion.

Record Date and Voting Securities

All of our shareholders of record at the close of business on April 21, 2014 (the Record Date) are entitled to notice of, and to vote at, the Annual Meeting and any adjournments or postponements thereof. As of the Record Date, there were 25,231,133 shares of Common Stock issued and outstanding. Each outstanding share of Common Stock will be entitled to one vote on each matter considered at the Annual Meeting. A description of certain restrictions on voting by shareholders who are not U.S. citizens, as defined by applicable laws and regulations, can be found in Additional Information Limited Voting by Foreign Owners at the end of this Proxy Statement.

Shares Registered in the Name of a Bank, Broker or Nominee

Brokerage firms and banks holding shares in street name for customers are required to vote such shares in the manner directed by their customers. If your shares are held in a stock brokerage account or by a bank or other nominee, you are considered the beneficial owner of shares held in street name, and these proxy materials are being forwarded to you by your broker, bank or nominee which is considered, with respect to those shares, the shareholder of record. As the beneficial owner, you have the right to direct your broker, bank or other nominee how to vote and are also invited to attend the meeting. Your broker, bank or nominee has enclosed herewith or separately provided a voting instruction form for you to use in directing the broker, bank or nominee how to vote your shares. However, since you are not the shareholder of record, you may not vote these shares in person at the meeting unless you obtain a signed proxy from the record holder giving you the right to vote these shares. You should note that if you hold your shares through a brokerage firm, a bank or other nominee, the broker, bank or other nominee that holds the stock will not be able to vote your shares on any proposal other than ratifying the selection of PricewaterhouseCoopers LLP, unless you have provided specific voting instructions. See Broker Non-Votes and Quorum, Vote Required below for additional information.

If you hold your shares directly in your own name, they will not be voted if you do not vote them at the Annual Meeting or provide a proxy.

Broker Non-Votes

A broker non-vote occurs when a nominee holding shares for a beneficial owner does not vote on a particular proposal because the nominee does not have discretionary voting power with respect to that item and has not received voting instructions from the beneficial owner, but does have discretionary voting power over other routine items and submits votes for those matters. As discussed above, if you hold your shares through a broker,

4 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

PROXY SUMMARY

bank or other nominee and do not provide specific instructions to your broker, bank or other nominee, your shares may not be voted with respect to the following non-routine proposals:

Proposal No. 1 (election of the Company s Directors); and

Proposal No. 3 (the Say on Pay vote);

We do not expect to have any broker non-votes with respect to Proposal No. 2, which is routine and which provides for the ratification of the selection of PricewaterhouseCoopers LLP to serve as the independent registered public accounting firm for the Company for the year ending December 31, 2014.

Quorum, Vote Required

A majority of the outstanding shares of Common Stock as of the Record Date must be present, in person or by proxy, at the Annual Meeting to have the required quorum for the transaction of business. If the number of shares of Common Stock present in person and by proxy at the Annual Meeting does not constitute the required quorum, the Annual Meeting may be adjourned to a subsequent date for the purpose of obtaining a quorum.

Proposal No. 1: Election of Directors. Members of the Board are currently elected by a plurality of the votes cast at the Annual Meeting. This means that the director nominees with the most votes will be elected. Shares voting Abstain or broker non-votes will have no effect on the election of Directors. A Withhold vote with respect to any Director nominee will have the effect of a vote against such nominee. Brokers, banks and other nominees have no discretionary voting power in respect of this item.

Proposal No. 2: Ratification of the selection of PricewaterhouseCoopers LLP as the independent registered public accounting firm for the Company for the fiscal year ending December 31, 2014. The affirmative vote of a majority of the shares represented at the Annual Meeting, either in person or by proxy and entitled to vote on this proposal, is required to ratify the selection of PricewaterhouseCoopers LLP. Shares voting Abstain will have the same effect as a vote Against this Proposal 2. Brokers, banks and other nominees have discretionary voting power in respect of this item.

Proposal No. 3: Advisory Vote Approving the Compensation of the Company s Named Executive Officers. Because Proposal 3 asks for a nonbinding, advisory vote, there is no required vote that would constitute approval. We value highly the opinions expressed by our shareholders in this advisory vote, and our Compensation Committee, which is responsible for overseeing and administering our executive compensation programs, will consider the outcome of the vote when designing our compensation programs and making future compensation decisions for our Named Executive Officers. Shares voting Abstain will have the same effect as a vote Against this Proposal 3. Broker non-votes will have no effect on this nonbinding advisory vote. Brokers, banks and other nominees have no discretionary voting power in respect of this item.

Revocability of Proxies

If you hold your shares registered in your name, you may revoke your proxy at any time before its use by delivering to the Secretary of AAWW a written notice of revocation or a duly executed proxy bearing a later date or by attending the Annual Meeting and voting in person. Attending the Annual Meeting in and of itself will not constitute a revocation of a proxy.

If your shares are held in street name and you wish to revoke your proxy and vote at the Annual Meeting, you must contact your broker, bank or other nominee and follow the requirements set by your broker, bank or nominee. We cannot guarantee that you will be able to revoke your proxy or attend and vote at the Annual Meeting.

Proxy Solicitation

This proxy solicitation is being made by our Board, and the cost of soliciting proxies will be borne by us. We expect to reimburse brokerage firms, banks, custodians and other persons representing beneficial owners of shares of

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 5

PROXY SUMMARY

Common Stock for their reasonable out-of-pocket expenses in forwarding solicitation material to such beneficial owners. Proxies may be solicited by certain of our directors, officers and other employees, without additional compensation, in person or by telephone, e-mail or facsimile. We have retained Morrow & Co., LLC, 470 West Avenue, Stamford, Connecticut 06902, to assist us in the solicitation of proxies and will pay Morrow & Co. a fee estimated not to exceed \$9,000, plus out-of-pocket expenses, all related to the solicitation.

Proxy Tabulation

Proxies and ballots will be received and tabulated by an independent entity that is not affiliated with us. The inspectors of election will also be independent of us. Comments on written proxy cards will be provided to the Secretary of AAWW without disclosing the vote unless the vote is necessary to understand the comment.

6 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

PROPOSAL NO. 1 ELECTION OF DIRECTORS

PROPOSAL NO. 1 ELECTION OF DIRECTORS

Our By-laws provide for no fewer than one and no more than eleven Directors, with the exact number to be fixed by our Board of Directors. Our Board currently consists of eight Directors. The current term of all of our Directors expires at the Annual Meeting.

All of our current Directors, except for Eugene I. Davis, who has decided not to stand for election and to retire from the Board, are standing for election at the Annual Meeting. The Board wishes to thank Mr. Davis for his service and numerous contributions to the Company over the past ten years. With Mr. Davis s impending departure, the Board has elected to reduce the number of Directors that constitutes the entire Board from eight persons to seven, effective as of the date of the Annual Meeting.

The seven nominees for Director have been recommended for nomination by our Nominating and Governance Committee and nominated by our Board for election at the Annual Meeting. In making its recommendations for nomination, the Nominating and Governance Committee evaluated the size and composition of the Board and reviewed each member s skills, characteristics and independence.

Each nominee has consented to be named as a nominee for election as a Director and has agreed to serve if elected. Except as otherwise described below, if any of the nominees is not available for election at the time of the Annual Meeting, discretionary authority will be exercised to vote for substitutes designated by our Board of Directors, unless the Board chooses to reduce further the number of Directors. Management is not aware of any circumstances that would render any nominee unavailable. At the Annual Meeting, Directors will be elected to hold office until the 2015 Annual Meeting or until their successors are elected and qualified, as provided in our By-Laws. The Board believes that each of the nominees listed brings strong skills and experience to the Board, giving the Board as a group the appropriate skills to exercise its responsibilities.

The following list sets forth the names of our incumbent Directors up for election. Additional biographical information concerning these individuals is provided as of April 21, 2014 in the text following the list:

Frederick McCorkle

Robert F. Agnew

Timothy J. Bernlohr

William J. Flynn

James S. Gilmore III

Carol B. Hallett

Duncan J. McNabb

THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE FOR THE ELECTION OF EACH OF THE NOMINEES NAMED ABOVE.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 7

PROPOSAL NO. 1 ELECTION OF DIRECTORS

Nominees for Director

Frederick McCorkle, age 69, has been a member of our Board and Compensation Committee since July 2004 and a member of our Nominating and Governance Committee since March 2006. General McCorkle has served as Chairman of the Compensation Committee since June 2006. He has served as Chairman of the Board of the Company since May 2014.

General McCorkle retired from the U.S. Marine Corps in October 2001 after serving since 1967. He last served as Deputy Commandant for Aviation, Headquarters, Marine Corps, Washington, D.C. General McCorkle is a graduate of East Tennessee State University and holds a master s degree in Administration from Pepperdine University. He is currently a Senior Advisor and a

member of the board of directors of GKN Aerospace North America, Inc. (a unit of GKN plc.). He is also a member of the board of directors of Lord Corporation and Jura Corporation (both of which are privately held businesses) and of Rolls-Royce North America (a unit of Rolls Royce Group plc). In addition to his board memberships, General McCorkle serves as a Senior Strategic Advisor for Timken Corporation, The Boeing Company and AgustaWestland.

As a result of these and other professional experiences, General McCorkle possesses particular knowledge and experience in military affairs and in civil and governmental aviation that benefits our Company and its Board of Directors.

Robert F. Agnew, age 63, has been a member of our Board since July 2004, Chairman of our Audit Committee since June 2006 and a member of our Nominating and Governance Committee since March 2006. Mr. Agnew is President and Chief Executive Officer of Morten Beyer & Agnew, an international aviation consulting firm experienced in the financial modeling and technical due diligence of airlines and aircraft funding.

Mr. Agnew has over 30 years—experience in aviation and marketing consulting and has been a leading provider of aircraft valuations to banks, airlines and other financial institutions worldwide. Previously, he served as Senior Vice President of Marketing and Sales at World Airways. Mr. Agnew began his commercial aviation career at Northwest Airlines, where

he concentrated on government and contract sales, schedule planning and corporate operations research. Earlier, he served in the U.S. Air Force as an officer and instructor navigator with the Strategic Air Command. Mr. Agnew is a graduate of Roanoke College and holds a master s degree in business administration from the University of North Dakota. Mr. Agnew is also a member of the Board of Directors of TechPubs LLC and Stanley-Martin Communications, LLC (both privately held businesses). In addition, he serves on the Military Airlift Committee of The National Defense Transportation Association.

As a result of these and other professional experiences, Mr. Agnew possesses particular knowledge and experience in the areas of civil and governmental aviation that benefits our Company and its Board of Directors.

Timothy J. Bernlohr, age 55, has been a member of our Board since June 2006 and a member of our Audit Committee and Nominating and Governance Committee since that time. Mr. Bernlohr is the founder and managing member of TJB Management Consulting, LLC, which specializes in providing project-specific consulting services to businesses in transformation, including restructurings, interim executive management and strategic planning services. Mr. Bernlohr founded the consultancy in 2005.

Mr. Bernlohr is the former President and Chief Executive Officer of RBX Industries, Inc., which was a nationally recognized leader in the design, manufacture, and marketing of rubber and plastic materials to the automotive, construction, and industrial markets. RBX was sold to multiple buyers in 2004 and

2005. Prior to joining RBX in 1997, Mr. Bernlohr spent 16 years in the International and Industry Products divisions of Armstrong World Industries, where he served in a variety of management positions. Mr. Bernlohr also serves as lead director of Chemtura Corporation and as a director of Rock-Tenn Company. Within the last five years, he was a director of Smurfit Stone Container Corporation, Ambassadors International, Inc., The Cash Store Financial Services, Inc. and WCI Steel, Inc. Mr. Bernlohr is a graduate of The Pennsylvania State University.

As a result of these and other professional experiences, Mr. Bernlohr possesses particular knowledge and experience in operations, finance, accounting, strategic planning and corporate governance that benefits our Company and its Board of Directors.

8 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

PROPOSAL NO. 1 ELECTION OF DIRECTORS

William J. Flynn, age 60, has been our President and Chief Executive Officer since June 2006 and has been a member of the Board of Directors since May 2006. Mr. Flynn has a 37-year career in international supply chain management and freight transportation.

Prior to joining us, Mr. Flynn served as President and Chief Executive Officer of GeoLogistics Corporation since 2002 where he led a successful turnaround of the company s profitability and the sale of the company in September 2005. Prior to his tenure at GeoLogistics, Mr. Flynn served as Senior Vice President at CSX Transportation from 2000 to 2002. Mr. Flynn spent over 20 years with Sea-Land Service, Inc., a global provider of container shipping services. He served in roles of increasing responsibility in the U.S., Latin America and

Asia. He ultimately served as head of the company s operations in Asia. Mr. Flynn is also a director of Republic Services, Inc. He served as a director of Horizon Lines, Inc. from November 2006 to April 2012. Mr. Flynn holds a Bachelors degree in Latin American studies from the University of Rhode Island and a Masters degree in the same field from the University of Arizona.

As a result of these and other professional experiences, Mr. Flynn possesses particular knowledge and experience in international operations, accounting, finance and capital structure that benefits our Company and its Board of Directors. Mr. Flynn represents management on the Board as the sole management, non-independent Director.

James S. Gilmore III, age 64, has been a member of our Board since 2004, a member of our Nominating and Governance Committee since March 2006, and the Chairman of such Committee since June 2006. Mr. Gilmore, an attorney who is currently working as a business consultant through Gilmore Global Group, L.L.C., was the 68th Governor of the Commonwealth of Virginia, serving in that office from 1998 to 2002.

Mr. Gilmore was a partner in the law firm of Kelley Drye & Warren LLP from 2002 to 2008, where he served as the Chair of the firm s Homeland Security Practice Group and where his practice also focused on corporate, technology, information technology and international matters. He is President and Chief Executive Officer of the Free Congress Foundation, an entity that offers bipartisan conservative solutions to domestic fiscal challenges. In 2003, President George W. Bush appointed Mr. Gilmore to the Air Force Academy Board of Visitors, and he was elected Chairman of the Air Force Board in the fall of 2003. Mr. Gilmore served as the Chairman of the Republican National Committee from 2001 to 2002. He also served

as Chairman of the Congressional Advisory Panel to Assess Domestic Response Capabilities for Terrorism involving Weapons of Mass Destruction, a national panel established by Congress to assess federal, state and local government capabilities to respond to the consequences of a terrorist attack. Also known as the Gilmore Commission, this panel was influential in developing the Office of Homeland Security. Mr. Gilmore is a graduate of the University of Virginia and the University of Virginia School of Law. He is also a director of CACI International Inc. and Global Relief Technologies (a privately held business). Within the last five years, Mr. Gilmore served as a Director of Barr Laboratories, Inc., IDT Corporation and Everquest Financial Ltd. (a privately held business). During this time frame, he was also a member of the advisory board of Unisys Corporation and the federal advisory board of Hewlett-Packard Company.

As a result of these and other professional experiences, Mr. Gilmore possesses particular knowledge and experience in legal/regulatory and governmental affairs that benefits our Company and its Board of Directors.

Carol B. Hallett, age 76, has been a member of our Board since June 2006 and a member of our Compensation Committee since that time. She has been of counsel at the U.S. Chamber of Commerce since 2003 and also serves as a member of the U.S. Chamber Foundation Board of Directors.

From 1995 to 2003, Ms. Hallett was President and Chief Executive Officer of the Air Transport Association of America (ATA), Washington, D.C., the nation soldest and largest airline trade association now known as the Airlines for America (A4A). Prior to joining the ATA, Ms. Hallett served as senior government relations

advisor with Collier, Shannon, Rill & Scott from 1993 to 1995. From 2003 to 2004, she was chair of Homeland Security at Carmen Group, Inc., where she helped develop the homeland security practice for the firm. From 1986 through 1989, Ms. Hallett served as United States Ambassador to the Commonwealth of the Bahamas. From 1989 to 1993, she was Commissioner of the United States Customs Service. Ms. Hallett has also been a director of Rolls Royce-North America (a unit of Rolls Royce Group plc) since 2003 and G4S-Government Solutions (a privately held business) since 2006. In addition, she has been appointed by the Secretaries of Treasury and Homeland Security to

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 9

PROPOSAL NO. 1 ELECTION OF DIRECTORS

serve on the Customs Oversight Advisory Committee (COAC) for a term ending in 2015. Within the last five years, she was a director of Horizon Lines, Inc. (from November 2011 to April 2012) and Mutual of Omaha Insurance Company (from 1998 to 2008), as well as a member of the National Security Advisory Committee for CSC (from 2008 to 2011).

As a result of these and other professional experiences, Ms. Hallett possesses particular knowledge and experience in national and international trade, transportation and security issues that benefits our Company and its Board of Directors.

Duncan J. McNabb, age 61, has been a member of our Board since July 2012 and a member of our Audit Committee since December 2012. General McNabb served as Commander of the Air Mobility Command from 2005 to 2007 and Commander of the United States Transportation Command (USTRANSCOM) from 2008 until his retirement from the Air Force in December 2011. USTRANSCOM is the single manager for air, land and sea transportation for the Department of Defense (DOD). He also served as DOD s Distribution Process Owner, overseeing DOD s end-to-end supply chain, transportation, and distribution to our armed forces worldwide. General McNabb commanded more than \$56 billion in strategic transportation assets, over 150,000 service personnel and a worldwide command-and-control network.

A 1974 graduate of the U.S. Air Force Academy and Air Force pilot, he flew more than 5,600 hours in transport and rotary aircraft, including the C-17. General McNabb has held command and staff positions at squadron, group, wing, major command and DOD levels. During his over 37-year military career, General McNabb also served as the Air Force Deputy Chief of Staff for Plans and Programs with responsibility for all Air Force

programs and over \$500 billion in funding over the Air Force s Five-Year Defense Plan (FYDP). He later served as Director of Logistics on the Joint Staff and was responsible for operational logistics and strategic mobility support to the Chairman of the Joint Chiefs and the Secretary of Defense. Before his final command at USTRANSCOM, McNabb served as the 33rd Vice Chief of Staff of the Air Force. General McNabb is also a director of AT Kearney Public Sector & Defense Services (a privately held business). He serves as Chairman of the Board of trustees for Arnold Air Society and Silver Wings, is a member of the Board of Visitors of the United States Air Force s Air University and is also a member of the Advisory Board of International Relief & Development. Within the last five years, he was also a director of HDT Global (a privately held business).

As a result of these and other professional experiences, General McNabb possesses particular knowledge and experience in military affairs, worldwide transportation and distribution, in procurement and in civil and governmental aviation that benefits our Company and its board of directors.

10 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

Our Board held four in person meetings and ten telephonic meetings in 2013, including telephonic meetings held principally to discuss the Company s financial and operational results. Pursuant to Board policy, Directors are expected to attend all Board and Committee meetings, as well as our annual meeting of shareholders. Each Director attended more than 75% of the meetings of the Board and committees of the Board on which such Director serves. All of the Directors who were serving at the time of our 2013 annual meeting of shareholders attended the 2013 annual meeting.

Executive Sessions

The outside members of the Board, as well as our Board Committees, meet in executive session (with no management directors or management present) on a periodic basis, and upon the request of one or more outside Directors, at least two times a year. The sessions have been generally scheduled and led by the Chairman of the Board, and executive sessions of our committees are chaired by the respective committee chairman. The executive sessions include whatever topics the outside Directors or Committee members deem appropriate.

Board Leadership Structure

The Company has maintained separate roles for the Chairman of the Board and the Chief Executive Officer for more than 10 years. Board members elect the Chairman annually. Mr. McCorkle, an independent director under rules of the NASDAQ Stock market (NASDAQ), currently serves as Chairman.

While the Board has no formal policy with respect to the separation of the offices of Chairman and Chief Executive Officer, the Board believes that this issue is part of the succession planning process and that it is in the best interest of the Company and its shareholders for the Board to make a determination regarding this matter at least as often as each time it elects a new Chief Executive Officer.

The Chairman presides over meetings of our Board of Directors, executive sessions of our non-management Directors and our annual meeting of shareholders. In addition, our Chairman approves the agenda for our Board meetings (and develops the agenda in conjunction with Mr. Flynn, our Chief Executive Officer), recommends Board committee appointments and responsibilities in conjunction with the Nominating and Governance Committee, and leads the evaluation process of our Chief Executive Officer. We currently believe that having an independent Chairman promotes a greater role for the non-executive Directors in the oversight of the Company, including oversight of material risks facing the Company, encourages active participation by the independent Directors in the work of our Board of Directors, and enhances our Board of Directors role of representing shareholders interests.

Board Oversight of Risk Management Process

The Board of Directors is responsible for oversight of the Company s risk assessment and management process.

The Board delegates to the Compensation Committee responsibility for oversight of management s compensation risk assessment, and that Committee reports to the Board on its review.

The Board delegates other risk management oversight matters to our Audit Committee, which reports the results of its review process to the Board. The Audit Committee s process includes:

A review, at least annually, of our internal audit process, including the organizational structure and staff qualification, as well as the scope and methodology of the internal audit process; and

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement | 11

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

A review, at least annually, of our enterprise risk management plan to ensure that appropriate measures and processes are in place, including discussion of the major risks, the key strategic plan assumptions considered during the assessment and steps implemented to monitor and mitigate such exposures on an ongoing basis.

The Audit and Compensation Committees report to the Board, as appropriate, when a matter rises to the level of a material, enterprise level risk. In addition to the reports from the Audit and Compensation Committees, the Board periodically discusses risk oversight, included as part of its annual detailed corporate strategy review.

The Company s management is responsible for day-to-day risk management. Our Internal Audit, Safety, Security, Corporate Controller, Information Technology, Human Resources, Legal, Business Resiliency and Treasury Departments serve as the primary monitoring and testing functions for Company-wide policies and procedures, and manage the day-to-day oversight of the risk management strategy for the ongoing business of the Company. This oversight includes identifying, evaluating and addressing potential risks that may exist at the enterprise, strategic, financial, operational, technological, compliance and reporting levels.

We believe that the division of risk management responsibilities as described above is an effective approach for addressing risks facing the Company.

Compensation of Outside Directors

Cash Compensation. As of the date of this Proxy Statement, each of our outside Directors is paid \$50,000 in cash compensation annually, which is payable quarterly in advance. Each such Director also receives the following additional cash compensation, as applicable:

Standing Committee Membership

Each member of the Audit Committee, \$15,000 annually;

Each member of the Compensation Committee, \$5,000 annually; and

Each member of the Nominating and Governance Committee, \$5,000 annually. Chairman Position

Chairman of the Board, \$100,000 annually; and

Chairman of each of the Audit Committee, the Compensation Committee and the Nominating and Governance Committee, \$25,000 annually.

Meeting Fees

For each meeting of the Board or a Committee of the Board, including any ad hoc committee, attended in person by a member, a fee to such member of \$1,500 or \$3,000 if such member is its Chairman;

For each meeting of the Board or a Committee of the Board, including any ad hoc committee, attended via teleconference or videoconference, a fee to each such member of \$500 or \$1,000 if such member is its Chairman; and

For each meeting of the Board or a Committee of the Board, including any ad hoc committee, attended in person by a member, all customary out-of-pocket expenses of such member are reimbursed.

Polar Board Compensation

Effective May 2014, additional compensation for the Chairman of Polar ceased. Eugene I. Davis, our former Chairman, has served as Chairman of Polar since June 28, 2007. In light of his increased responsibility resulting from the assumption of this position, Mr. Davis had received an annual cash retainer of \$50,000 (payable quarterly) and meeting fees in respect of meetings of the Polar Board of Directors, consistent with the meeting

12 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

fees paid to the Company s Directors for Company Board and Committee meetings as described above. Mr. Davis received fees totaling \$8,000 for chairing various meetings of the Polar Board of Directors during 2013. Except for Mr. Davis, no other person is compensated by the Company for serving as a Director of Polar.

Equity Compensation

Restricted Stock Units. Each of our Directors (other than Mr. Flynn) receives an annual grant of restricted stock units for a number of shares having a value (calculated based on the closing price of our Common Stock on the date of grant) of \$100,000. The units vest and are automatically converted into common shares on the earlier of (i) the date immediately preceding the Company s next succeeding annual meeting of shareholders or (ii) the one-year anniversary of the date of grant.

Medical, Dental and Vision Care Insurance

Optional medical, dental and vision care coverage is made available to our nonemployee Directors and their eligible dependents at a premium cost similar to that charged to Company employees. Nonemployee Directors who retire from the Board after age 60 and who have 10 or more years of Board service are eligible to participate in the Company s medical plans (at full premium cost) until they become eligible for Medicare benefits. For purposes of the foregoing sentence, retirement is defined solely as a non-employee Director opting not to stand for re-election to the Board.

2013 Total Compensation of Directors

The following table shows (i) the cash amount paid to each nonemployee Director for his or her service as a non-employee Director in 2013, and (ii) the grant date fair value of restricted stock units awarded to each nonemployee Director in 2013, calculated in accordance with the accounting rules on share-based payments.

	Fees Paid in Cash	Stock Awards	Total
Name ⁽¹⁾	$(\$)^{(2)}$	(\$) ⁽³⁾	(\$)
Eugene I. Davis	280,500	174,969	455,469
Robert F. Agnew	128,000	99,989	227,989
Timothy J. Bernlohr	96,000	99,989	195,989
James S. Gilmore III	103,000	99,989	202,989
Carol B. Hallett	75,500	99,989	175,489
Frederick McCorkle	120,500	99,989	220,489
Duncan J. McNabb	83,000	99,989	182,989

⁽¹⁾ This table does not include compensation paid to Mr. Flynn, the Company s President and Chief Executive Officer. Mr. Flynn s compensation is described in the sections covering executive compensation. He is not paid any additional compensation for his service as a Director.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 13

⁽²⁾ Includes amounts earned or paid to Mr. Davis in connection with his serving as Chairman of Polar. Effective May 2014, additional compensation for the Chairman of Polar ceased.

⁽³⁾ The value of stock equals the grant date fair value of \$45.47 per share on May 22, 2013.

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

Board Members Outstanding Equity Awards at Fiscal Year-End 2013

The table below shows outstanding equity awards for our outside Directors as of December 31, 2013. Market values reflect the closing price of our Common Stock on the NASDAQ Global Market on December 31, 2013, which was \$41.15 per share.

	Grant	Number of Shares or Units of Stock That Have Not Vested	Market Value of Shares or Units of Stock That Have Not Vested
Name	Date	(#)	(\$)
Eugene I. Davis	5/22/2013	3,848 (1)	158,345
	6/16/2011	1,750 (2)	72,013
Robert F. Agnew	5/22/2013	2,199 (1)	90,489
	6/16/2011	1,000 (2)	41,150
Timothy J. Bernlohr	5/22/2013	2,199 (1)	90,489
	6/16/2011	1,000 (2)	41,150
James S. Gilmore III	5/22/2013	2,199 (1)	90,489
	6/16/2011	1,000 (1)	41,150
Carol B. Hallett	5/22/2013	2,199 (2)	90,489
	6/16/2011	1,000 (1)	41,150
Frederick McCorkle	5/22/2013	2,199 (2)	90,489
	6/16/2011	1,000 (1)	41,150
Duncan J. McNabb	5/22/2013	2,199 (2)	90,489
	7/23/2012	4,447 (3)	182,994

⁽¹⁾ These units vest on the earlier of the day immediately preceding the date of the 2014 Annual Meeting or May 22, 2014. The grant date fair value was \$45.47 per share.

Communications with the Board

The Board of Directors welcomes input and suggestions. Shareholders and other interested parties who wish to communicate with the Board may do so by writing to our Chairman, c/o Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, New York 10577. All communications received by Board members from third parties that relate to matters within the scope of the Board s responsibilities will be forwarded to the Chairman of the Board committees will be forwarded to the Chairman of the Board and the Chairman of the appropriate committee. All communications received by Board members from third parties that relate to ordinary business matters that are not within the scope of the Board s responsibilities are forwarded to AAWW s General Counsel.

Board Effectiveness and Annual Assessment

⁽²⁾ These units vest in four equal annual installments beginning on the first anniversary of the grant date. The next vesting event is scheduled to occur on June 16, 2014. The grant date fair value was \$56.38 per share.

⁽³⁾ These units vest in four equal annual installments beginning on the first anniversary of the grant date. The next vesting event is scheduled to occur on July 23, 2014. The grant date fair value was \$42.16 per share.

To ensure that our Board of Directors and its Committees are performing effectively and in the best interest of the Company and its shareholders, the Board performs an annual assessment of itself, its Committees and each of its members. The assessment is done under the oversight of the Nominating and Governance Committee.

14 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

A copy of our Corporate Governance Principles can be found on the Corporate Governance page of the Corporate Background portion of our website at www.atlasair.com. Our Corporate Governance Principles are described in greater detail below.

Director Independence

The Nominating and Governance Committee has determined that all Directors except for the President and CEO are independent under Company standards and Securities and Exchange Commission (SEC) and NASDAQ rules. The Committee classifies the following Directors nominated for election at the Annual meeting as independent: Messrs. Agnew, Bernlohr, Gilmore, McCorkle, McNabb and Ms. Hallett.

Our Nominating and Governance Committee Charter includes categorical standards to assist the Committee in making its determination of Director independence within the meaning of the rules of the SEC and the Marketplace Rules of NASDAQ. The Nominating and Governance Committee will not consider a Director to be independent if, among other things: he or she was employed by us at any time in the last three years; has an immediate family member who is, or in the past three years was, employed by us as an executive officer; has accepted or has an immediate family member who has accepted any compensation from us in excess of \$120,000 during a period of 12 consecutive months within the three years preceding the determination of independence (other than compensation for Board service, compensation to a family member who is a nonexecutive employee or benefits under a tax-qualified retirement plan or nondiscretionary compensation); is, was or has a family member who is or was a partner, controlling shareholder or executive officer of any organization to which we made or from which we received payments for property or services in the current year or any of the past three fiscal years in an amount that exceeds the greater of \$200,000 or 5% of the recipient s consolidated gross revenues for the year; is or has a family member who is employed as an executive officer of another entity where at any time during the last three years any of the Company s executive officers serve or served on the entity s compensation committee; or is or has a family member who is a current partner of the Company s independent registered public accounting firm or was or has a family member who was a partner or employee of the Company s independent registered public accounting firm who worked on the Company s audit at any time during the last three years.

Pursuant to the Nominating and Governance Committee Charter and as further required by NASDAQ rules, the Nominating and Governance Committee made a subjective determination as to each outside Director that no relationship exists which, in the opinion of the Board, would interfere with such individual s exercise of independent judgment in carrying out his or her responsibilities as a Director. As part of such determination, the Nominating and Governance Committee examined, among other things, whether there were any transactions or relationships between AAWW and an organization of which a Director or director nominee has been a partner, shareholder or officer within the last fiscal year. The purpose of this review was to determine whether any such relationships or transactions were inconsistent with a determination that a Director is independent.

Board Committees

Our Board maintains three standing committees, an Audit Committee, Compensation Committee and Nominating and Governance Committee, each of which has a charter that details the committee s responsibilities. The charters for all the standing committees of the Board of Directors are available in the Corporate Background section of our website located at www.atlasair.com and by clicking on the Corporate Governance link. The charters are also available in print and free of charge to any shareholder who sends a written request to the Secretary at Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, NY 10577.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 15

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

Nominating and Governance Committee

General

The Nominating and Governance Committee currently consists of Mr. Gilmore (Chairman) and Messrs. Agnew, Bernlohr, McCorkle and McNabb, each of whom is an independent director within the meaning of the applicable rules of the NASDAQ Stock Market, Inc. (NASDAQ). The principal functions of the Nominating and Governance Committee are to:

Identify and approve individuals qualified to serve as members of our Board;

Select director nominees for the next annual meeting of shareholders;

Review at least annually the independence of our Board members;

Oversee our Corporate Governance Principles; and

Perform or oversee an annual review of the Chief Executive Officer, the Board and its committees. The Nominating and Governance Committee held three in person meetings in 2013.

Director Qualifications

Our Nominating and Governance Committee is responsible for reviewing and developing the Board's criteria for evaluating and selecting new directors. The Committee's charter sets forth criteria for skills and characteristics for Directors. The criteria provide that the Board as a whole should possess core competencies in accounting, finance and disclosure, business judgment, management, crisis response, industry knowledge, international markets, leadership and strategy and vision. The Nominating and Governance Committee identifies new candidates from a variety of sources, including recommendations submitted by shareholders.

New and incumbent Directors are individually evaluated from a skills and characteristics perspective on several different factors, including having the following traits: high personal standards; the ability to make informed business judgments; literacy in financial and business matters; the ability to be an effective team member; a commitment to active involvement and an ability to give priority to the Company; no affiliations with competitors; achievement of high levels of accountability and success in his or her given fields; no geographical travel restrictions; an ability and willingness to learn the Company s business; experience in the Company s business or in professional fields or other industries or as a manager of international business so as to have the ability to bring new insight, experience or contacts and resources to the Company; preferably a willingness to make a personal substantive investment in the Company; preferably no direct affiliations with major suppliers, customers or contractors; and preferably previous public company board experience with good references.

The Nominating and Governance Committee will also consider whether potential nominees are independent, as defined in applicable rules and regulations of the SEC and NASDAQ. The Board will nominate new directors only from candidates identified, screened and approved by the Nominating and Governance Committee. The Company considers diversity as an important element of the Board section process but does not have a formal policy regarding the diversity of its Directors. The Nominating and Governance Committee uses the criteria specified above when considering candidates for a Board seat and then searches for candidates that best meet those criteria without limitations imposed on the basis of race, gender or national origin. The Board will also take into account the nature of and time involved in a Director s service on other boards in evaluating the suitability of individual directors and making its recommendation to AAWW s shareholders. Service on boards of other

organizations must be consistent with our conflict of interest policies applicable to Directors and other legal requirements.

Evaluation of Shareholder Nominees

Our Nominating and Governance Committee will consider shareholder recommendations for candidates to serve on the Board, provided that such recommendations are made in accordance with the Nominating and Governance Committee s policy on security holder recommendations of Director nominees (the Shareholder Nominating

16 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

Policy), which is subject to a periodic review by the Nominating and Governance Committee. Among other things, the Shareholder Nominating Policy provides that a shareholder recommendation notice must include the shareholder s name, address and the number of shares beneficially owned, as well as the period of time such shares have been held, and should be submitted to: Attention: Secretary, Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, New York 10577. A copy of our current Policy on Security Holder Recommendation of Director Nominees is available in the Corporate Background section of our website at www.atlasair.com. In evaluating shareholder nominees, the Board and the Nominating and Governance Committee seek to achieve a balance of knowledge, experience and capability. As a result, the Nominating and Governance Committee evaluates shareholder nominees using the same membership criteria set forth above under Director Oualifications.

Corporate Governance Principles

We have adopted Corporate Governance Principles, believing that sound corporate governance practices provide an important framework to assist the Board in fulfilling its responsibilities. The business and affairs of AAWW are managed under the direction of our Board, which has responsibility for establishing broad corporate policies, setting strategic direction and overseeing management. An informed, independent and involved Board is essential for ensuring our integrity, transparency and long-term strength, and maximizing shareholder value. The Corporate Governance Principles address such topics as codes of conduct, Director nominations and qualifications, Board committees, Director compensation, conflicts and waivers of compliance, powers and responsibilities of the Board, Board independence, serving on other boards and committees, meetings, Director access to officers and other employees, shareholder communications with the Board, annual Board evaluations, financial statements and disclosure matters, delegation of power and oversight and independent advisors. A copy of our Corporate Governance Principles is available in the Corporate Background section of our website at www.atlasair.com.

Code of Ethics Applicable to the Chief Executive Officer, Senior Financial Officers and Members of the Board of Directors

We have a long-standing commitment to conduct our business in accordance with the highest ethical principles. We have adopted a Code of Ethics applicable to the Chief Executive Officer, Senior Financial Officers and Members of the Board of Directors that is monitored by our Audit Committee and that includes certain provisions regarding disclosure of violations and waivers of, and amendments to, the Code of Ethics by covered parties. Any person who wishes to obtain a copy of our Code of Ethics may do so by writing to Atlas Air Worldwide Holdings, Inc., Attn: Secretary, 2000 Westchester Avenue, Purchase, NY 10577. A copy of the Code of Ethics is available in the Corporate Background section of our website at www.atlasair.com under the heading Code of Conduct .

Employee Handbook and Code of Conduct

We also have adopted an Employee Handbook and Code of Conduct that sets forth the policies and business practices that apply to all of our employees and Directors. The Employee Handbook and Code of Conduct addresses such topics as compliance with laws, moral and ethical conduct, equal employment opportunity, promoting a work environment free from harassment or discrimination and the protection of intellectual property and proprietary information, among other things.

Audit Committee

The Audit Committee of the Board of Directors currently consists of three outside Directors, Messrs. Agnew (Chairman), Bernlohr and McNabb, each of whom is an independent Director within the meaning of the applicable rules and regulations of the SEC and NASDAQ (see also Director Independence above). The Board has determined that Mr. Bernlohr is an audit committee financial expert as defined under applicable SEC rules. The Audit Committee s primary function, as set forth in its written charter (available in the Corporate

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 17

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

Background section of our website at www.atlasair.com under the heading Audit Committee Charter) is to assist the Board in overseeing the:

Quality and integrity of the financial statements of the Company;

Independent registered public accounting firm s qualifications and independence;

Performance of the Company s internal audit function and independent registered public accounting firm;

Company s compliance with legal and regulatory requirements; and

Effectiveness of the Company s financial reporting process, disclosure practices and systems of internal controls. The Audit Committee is also responsible for appointing the independent registered public accounting firm, approving, in advance, audit and permitted non-audit services in accordance with the Committee s pre-approval policy (see also Pre-Approval Policies and Procedures below) and monitoring the Company s Code of Ethics (see also Code of Ethics above) and related party transactions. The Audit Committee held four in person meetings and four telephonic meetings in 2013.

Audit Committee Report

AAWW management has responsibility for preparing the Company's financial statements and AAWW's independent registered public accounting firm, PricewaterhouseCoopers LLP (PwC), is responsible for auditing those financial statements. In this context, the Audit Committee has reviewed and discussed AAWW's audited consolidated financial statements for the fiscal year ended December 31, 2013 with management and with PwC. The Audit Committee discussed with PwC the matters required to be discussed by *Auditing Standard No. 16 Communications with Audit Committees*. The Audit Committee received from PwC the written disclosures and letter required by applicable requirements of the Public Company Accounting Oversight Board regarding communications with the Audit Committee concerning independence and satisfied itself as to the independence of PwC.

Based upon its reviews and discussions as described above, the Audit Committee recommended, and the Board of Directors approved, that AAWW s audited consolidated financial statements be included in the Annual Report on Form 10-K for the fiscal year ended December 31, 2013, for filing with the SEC.

THE AUDIT COMMITTEE

Robert F. Agnew, Chairman

Timothy J. Bernlohr

Duncan J. McNabb

Fees to Independent Registered Public Accounting Firm

Services provided to us by PwC for each of the last two fiscal years are described below (dollars in thousands):

	2013	2012
Audit Fees	\$ 1,506	\$ 1,427
Audit-Related Fees	31	3
Tax Fees	1,337	1,028
Total	\$ 2,874	\$ 2,458

Audit Fees represent professional services, including out-of-pocket expenses, rendered for the integrated audit of our consolidated financial statements, for reviews of our financial statements included in our Quarterly

18 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

Reports on Form 10-Q and for services that are normally provided in connection with statutory and regulatory filings or engagements.

Audit-Related Fees in 2013 consist of accounting consultations and a subscription for accounting research software and in 2012 consist of a subscription for accounting research software.

Tax Fees in 2013 and 2012 consist of tax services, including tax compliance, tax advice and tax planning.

Pre-Approval Policies and Procedures

The Audit Committee pre-approves audit and permissible non-audit services provided by the independent registered public accounting firm in accordance with the Committee s pre-approval policy. These services may include audit services, audit-related services, tax services and other services. Necessary approvals required between Audit Committee meetings must be pre-approved by the Audit Committee Chairperson, or such other Audit Committee member who has been delegated this authority by the Audit Committee Chairperson. For any such approvals between meetings, a description is provided to the Audit Committee for discussion at its next regularly scheduled meeting. The Audit Committee has met with management and PwC to review and approve the overall plan and scope of the audit for the current year.

Compensation Committee

The Board s Compensation Committee assists the Board in discharging and performing its duties with respect to the compensation of our senior executives, including our named executive officers (our NEOs), executive succession planning, and other matters. The Compensation Committee also is the administrator of our equity award and bonus plans.

The Compensation Committee is required by its charter to meet at least four times annually. During 2013, the Compensation Committee held four in person meetings and two telephonic meetings and acted three times by written consent. In 2013, the Compensation Committee consisted of three outside Directors, Mr. McCorkle (Chairman), Mr. Davis and Ms. Hallett. The Compensation Committee currently consists of three outside Directors, Mr. McCorkle (Chairman), Mr. Gilmore and Ms. Hallett, each of whom is an independent director within the meaning of applicable SEC and NASDAQ rules.

How We Make Compensation Decisions

The Compensation Committee is responsible for reviewing, evaluating and establishing compensation plans, programs and policies for, and reviewing and approving the total compensation of, our executive officers at the level of senior vice president and above, including our President and Chief Executive Officer. The Compensation Committee also monitors the search for, and approves the proposed compensation for, all executive officers at the level of senior vice president and above, and periodically reviews and makes recommendations to the full Board regarding the compensation of Directors. In addition, the Compensation Committee retains and oversees the independent compensation consultant that provides advice regarding such compensation matters.

The Role of Independent Compensation Consultants in the Compensation Process. The Committee has retained Towers Watson as its independent compensation consultant since July 2007. The compensation consultant advises the Committee on compensation for our senior executive officers and reviews and advises on our annual incentive plan for senior executives and our long-term incentive compensation plans for all our eligible employees. The compensation consultant periodically reviews the salaries, incentive awards (annual and long-term) and other benefits that we provide to our senior executive officers so that it may advise the Committee whether compensation paid to our executives is competitive with companies and industries in which we compete for executive talent. At the direction of the Committee, the compensation consultant advises on a framework and performance metrics for both our annual and long-term incentive plans. A representative from the compensation consultant also generally participates in Compensation Committee meetings related to executive compensation

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement | 19

CORPORATE GOVERNANCE, BOARD AND COMMITTEE MATTERS

and regularly communicates with the Chairman of the Committee. In addition, the compensation consultant assists the Committee in its risk assessment of our compensation policies and practices.

Consideration of the Independence of the Compensation Consultant. Towers Watson was engaged exclusively by the Committee during fiscal 2013 and neither Towers Watson nor any affiliate provided any other services to the Company. To ensure Towers Watson s continued independence and to avoid any actual or apparent conflict of interest, neither Towers Watson nor any affiliate is engaged to perform any services beyond those provided to the Committee. The Committee has reviewed the independence of Towers Watson in light of SEC and NASDAQ listing standards regarding compensation consultants and has concluded that Towers Watson s work for the Committee is independent and does not create any conflicts of interest. The Committee has the sole authority to retain or replace Towers Watson as the Committee s compensation consultant.

The Role of Our Executive Officers in the Compensation Process. The Committee makes its decisions after reviewing recommendations from the independent compensation consultant, the President and CEO and the Chief Human Resources Officer. Except for discussions related to their own levels of compensation, Mr. Flynn and Mr. Kokas participate in portions of the Committee's meetings to discuss the establishment, and ultimate payment, of annual incentive awards to executive officers at the level of senior vice president and above and long-term incentive awards to management and other eligible employees, and for salary adjustments, if any, to our senior executives, as well as other compensation matters related to senior executives. Any individual whose performance or compensation is to be discussed at a Compensation Committee meeting does not attend such meeting (or the applicable portion of such meeting) unless specifically invited by the Compensation Committee, and the President and Chief Executive Officer is not present during voting or deliberations as to his compensation. The Compensation Committee also meets, as needed, in executive session with outside counsel and the independent compensation consultant to discuss any matters that the Compensation Committee or any of these groups believes warrant the Compensation Committee is attention.

Either before or during the first quarter of each year, the Committee establishes the minimum performance objective required for any annual incentive award payment, as well as the year s objectives for financial, operational and individual goals and objectives for senior executives. All are taken into account in setting the performance range for each executive and ultimately in determining the amount of each executive s annual award payment, if any. The Committee establishes these criteria, with the advice of the independent compensation consultant and outside counsel, as appropriate, after reviewing information submitted to the Committee by the President and Chief Executive Officer and Chief Human Resources Officer (at the request of the Committee). Our President and Chief Executive Officer and Chief Human Resources Officer also provide information to the Committee regarding annual and long-term incentive plans that the Committee considers, with the advice of the independent compensation consultant and outside counsel, in the Committee determining awards under those plans.

The Committee s Risk Assessment of Our Compensation Policies

The Compensation Committee, after considering advice of Towers Watson, has concluded that our compensation program is appropriately balanced and does not promote imprudent or excessive risk taking. We do not use highly leveraged short-term incentives that encourage high-risk strategies designed to exact short-term results at the expense of long-term performance and value.

The Compensation Committee and the full Board are heavily involved in setting target performance metrics consistent with our business strategy, and the Committee retains discretion to adjust actual incentive award payouts downward. Our compensation programs reward consistent, long-term performance by heavily weighting long-term performance and equity and other long-term compensation so that it rewards executives for strong operating and favorable financial performance. We have also established long-term incentive award metrics that test our results against objective metrics over a three-year period to ensure that award achievement levels are justified by our performance over the long term.

WE PROHIBIT OUR DIRECTORS AND EXECUTIVE OFFICERS FROM HEDGING

THEIR OWNERSHIP OF OUR COMMON STOCK OR PLEDGING SHARES OF SUCH COMMON STOCK.

20 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

COMPENSATION DISCUSSION AND ANALYSIS

This Compensation Discussion and Analysis, as well as the Executive Compensation Tables, are organized as follows:

Section	Subject	Page
	; Program Updates After the 2013 Say on Pay Vote	22
Overview	¡ Overview of Business and Key Achievements of Our Executives and Company in 2013	23
	Returning Cash to Shareholders	25
	Compensation Program Highlights	26
	; Compensation Dashboard	28
Discussion of our Compensation Program	Other Elements of CompensationUse of Comparator Group to Make Compensation Decisions	28 29
	 Base Salary Performance-Based Annual and Long-Term Incentive Compensation 	30 30
	Annual Performance-Based Cash Incentive Program	31
	; Long-Term Incentive Compensation	34
Performance Based Compensation	 Setting the Long-Term Grant Amount Performance Share Units and Performance Cash Awards LTI Peer Companies Peer Group for Relative Performance Comparisons 	35 35 36
	Restricted Stock Units Target Payout of 2011 LTI Awards for Three-Year 2011-2013 Performance Period	36 37
	Other Elements of Compensation	37
Other Information	¡ Policies Regarding Executive Stock Ownership	37
Other Information Regarding Compensation	; Tax Considerations	38
	; Equity Grant Practices	38
	; Clawback Policy	38
Letter from the Board of Direct	ctors	38
Compensation Committee Rep	port	38
Compensation Committee Into	erlocks and Insider Participation	39
	; Summary Compensation Table for Fiscal 2013	39
Compensation of Named	Grants of Plan-Based Awards during Fiscal 2013	41
Executive Officers	Outstanding Equity Awards at Fiscal Year-End 2013 Option Exercises and Stock Vested during Fiscal 2013	42 43
Employment Agreements Potential Payments Upon Terr	¡ Nonqualified Deferred Compensation	43 44 45

COMPENSATION DISCUSSION AND ANALYSIS

Overview

Compensation Program Updates After the 2013 Say on Pay Vote

In the last year, the Compensation Committee has made many substantive changes to our compensation programs and policies. These changes were the result of extensive engagement with shareholders by the Company at the direction of the Compensation Committee. We reached out to the holders of almost 80% of our outstanding shares to discuss our compensation program and other issues of importance to our shareholders. As a result of these outreach efforts, we held in person or telephonic meetings with holders of approximately 55% of our outstanding shares. The Company has a long-standing shareholder outreach program and routinely interacts with shareholders on a number of matters, including executive compensation. The intensified interactions over the last year were prompted by last year s say on pay vote, which was supported by 39% of the shares voted.

The Compensation Committee has changed key elements of our compensation program in ways that we believe will only improve emphasis on pay for performance and enhanced market alignment while not promoting excessive risk taking. The key changes are shown in the chart below.

Program Element					
	What We Heard	Before			
Area of Focus	from Investors	2013-14 Update	How We Responded in 2013-14		
CEO Compensation Benchmarking	CEO s pay should be targeted at median	CEO pay targeted to 50^{th} - 75^{th} percentile of compensation benchmarking peers	For all future CEO pay decisions, total direct compensation targeted at median of benchmarking peer group. 2014 CEO annual incentive plan (AIP) and long-term incentive plan (LTI) award grants targeted at median of benchmark peer group		
CEO Annual Bonus Payout	Consider negative discretion to reflect special circumstances in addition to operating performance	2013 performance against stated objectives under the AIP would have supported a bonus of 145% of target to the CEO	CEO LTI plan target award reduced by 100 percentage points, from 475% to 375% of base salary The Compensation Committee used downward discretion to reduce the bonus payout in 2013 by an additional \$673,000 (an additional 65 percentage points), down to 80% of target		
Annual Bonus Performance Metrics	Company (non-individual) performance criteria should have greater weighting in annual incentive program	AIP metrics: comprised of 50% financial, 10% objective service quality and 40% individual strategic metrics in 2012	This is 40% below prior year payout all based on special circumstances of this year, including our 2013 total shareholder return Decreased weighting of individual strategic metrics to 30% in 2013 Further decreased individual performance metrics for the CEO to 20% in 2014		

Peer Group

Compensation benchmark group includes peers with significantly larger revenues, requiring regression, and certain companies in automotive industry

The previous peer group was the Towers Watson aerospace/defense, automotive and transportation industry database (Old Peer Group) For 2014 compensation decisions, the Committee revised the peer group (with a continued focus on industry and revenue) to consist of 20 companies in industries similar to ours, with median revenue size approximately equal to AAWW revenues (including revenues of Polar)

We no longer use regression of revenues for peer group comparisons

22 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

Program Element					
	What We Heard	Before			
Area of Focus	from Investors	2013-14 Update	How We Responded in 2013-14		
Multiple Peer Groups	Separate peer groups for benchmarking compensation and for measuring performance	The Old Peer Group was used to benchmark compensation, while a group of 20 companies in the transportation, logistics and outsourced transportation	We use a single new representative and relevant peer group to benchmark 2014 compensation (see above)		
	under the LTI plan is confusing	industries was used to measure comparative performance for relative LTI plan	Additionally, we moved in 2014 to absolute metrics to measure performance for LTI plan awards		
			In 2013, AIP metric moved to Adjusted EPS to better diversify from LTI plan metrics and to incentivize and reward tax planning efforts of management		
Incentive Plans Performance Metrics	Metrics used in AIP and LTI plan should be more relevant to value enhancement	For 2012, AIP financial metric based on pretax income and LTI plan performance metrics based on EBT and ROIC relative to performance peer group	In 2013, LTI plan EBT metric changed to EBITDA as a better indicator of cash flow and more relevant measure of underlying profit potential		
Clawback	Lack of compensation	No clawback policy	In 2014, LTI plan metrics changed from relative measure to absolute measure New clawback policy adopted beginning in 2014 for		
Change-in-	clawback policy	Company uses a double	the AIP		
Control/Double Trigger	Single trigger vesting upon change in control not considered best practice	trigger for cash severance and a single trigger for LTI plan and equity vesting	LTI awards granted beginning in 2014 require change in control and separation of service not for cause or resignation for good reason in order for vesting to occur		
Majority Voting	A majority voting standard would strengthen the director election process	Plurality voting standard in all director elections, by which director nominees who	Amendment to our By-Laws establishing a majority		
Standard	and improve overall corporate governance practices	receive the greatest number of votes cast in their favor are elected to the Board	beginning with our Annual Meeting in 2015		

Overview of Business and Key Achievements of Our Executives and Company in 2013

We are a leading global provider of outsourced aircraft and aviation services, operating the world s largest fleet of Boeing 747 freighters, as well as Boeing 747 and 767 passenger aircraft and Boeing 767 Freighters. Our next generation 747-8F offers the industry the latest in technology and efficiency. We also provide Boeing 777 Freighters on a dry leasing basis. We provide unique value to our customers by giving them access to highly reliable new production freighter aircraft that deliver the lowest unit cost in the marketplace, combined with outsourced aircraft operating services that we believe lead the industry in terms of quality and global scale. We operated 25,571 flights serving 430 destinations in 124 countries in 2013, reflecting our unmatched global scale and scope.

COMPENSATION DISCUSSION AND ANALYSIS

Our customers include airlines, express delivery providers, freight forwarders, the U.S. military and charter brokers. We provide global services with operations in Africa, Asia, Australia, Europe, the Middle East, North America and South America.

Our primary service offerings include the following:

ACMI (Aircraft, Crew, Maintenance, and Insurance), whereby we provide outsourced cargo and passenger aircraft operating solutions, including the provision of an aircraft, crew, maintenance and insurance, while customers assume fuel, demand and rate and volume (Yield) risk;

CMI (Crew, Maintenance and Insurance), which is part of our ACMI business segment, whereby we provide outsourced cargo and passenger aircraft operating solutions, including the provision of crew, maintenance and insurance, while customers provide the aircraft and assume fuel, demand and Yield risk:

AMC (Air Mobility Command) Charter, whereby we provide cargo and passenger aircraft charter services for the U.S. Military. The AMC pays a fixed charter fee that includes fuel, insurance, landing fees, overfly and all other operational fees and costs;

Commercial Charter, whereby we provide cargo and passenger aircraft charter services to customers, including brokers, sports teams and fans, cruise-ship operators, freight forwarders, direct shippers and airlines. The customer pays a fixed charter fee that includes fuel, insurance, landing fees, overfly and all other operational fees and costs; and

Dry Leasing, whereby we provide cargo and passenger aircraft and engine leasing solutions and the aircraft is operated by customers.

ACMI and CMI

- ~70% of our Block Hours*
- ; Provide outsourced cargo and passenger aircraft solutions, including provision of an aircraft, crew, maintenance and insurance to customers, including DHL Express and Qantas, among others
- ¡ Most competitors are private companies

AMC CHARTER

- ~10-15% of our Block Hours
- Provide cargo and passenger aircraft charter services for the U.S. military
- ; Mostly small, domestic competitors; private companies, many of which have recently experienced bankruptcy

COMMERCIAL CHARTER

- ~10-15% of our Block Hours
- Provide cargo and passenger aircraft charters to customers, including brokers, cruise-ship operators, freight forwarders, direct shippers and airlines
- ¡ Large, fragmented, competitive market; is a component of many freight companies business

DRY LEASING

- Significantly growing part of our business
- Revenue not tied to Block Hours
- Provide cargo and passenger aircraft and engine leasing solutions

Block Hours are the time intervals between when an aircraft departs the terminal until it arrives at the destination terminal and are the units by which we typically charge customers.

24 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

Our long-term strategic plan is designed to diversify our business and enhance our financial results and is consistent with the metrics in our short- and long-term incentive plans. Over the past several years, we began transforming and diversifying our business, beginning with DHL s investment in Polar in late 2008. Our senior executives have successfully executed a number of long-term strategic initiatives approved by our Board notwithstanding market environments that were oftentimes challenging and turbulent. The table below shows how our most significant operating metrics have improved over this period:

Performance Metrics (\$ Millions for operating revenues and free cash flow)	2009	2013	Compound Annua Growth Rate
Block Hours	108,969	158,937	9.9%
Operating Revenues	\$1,061.5	\$1,656.9	11.8%
Free Cash Flow*	\$172.2	\$273.1	12.2%
Stock Price per Share	\$18.90	\$41.15	21.5%
Four-Year ROIC*		59.8%	

Free Cash Flow and ROIC are non-GAAP measures. A reconciliation of such non-GAAP measures to the corresponding GAAP numbers is contained in Exhibit B attached hereto.

The continued success of our business begins with our customers and the superior value-added services we provide. In 2013 and early 2014, despite a challenging environment in the global airfreight market, we successfully:

Met and exceeded our aggressive objective customer service quality goals and maintained a safe and compliant operation

Placed into service the final two Boeing 747-8 Freighter aircraft in our nine aircraft order, which are focused on our ACMI operations

Acquired six Boeing 777-200LRFs, each with a long-term customer lease already in place, in our Dry Leasing business

Secured highly attractive financing for our Boeing 747-8s and Boeing 777s

Expanded our AMCI customer base, including into emerging and expanding markets added Astral Aviation (Africa), Chapman Freeborn (Europe), and BST Logistics (Asia) as ACMI customers and expanded service for Etihad Airways (Middle East), also an ACMI customer

Initiated Boeing 767 passenger service for U.S.-based MLW Air LLC in our CMI business; also launched two new customer-owned Boeing 767-300ERFs in intra-Asian cargo service for DHL Express

Added Aerologic and TNT Transport International (Europe) as well as Emirates Airlines (Middle East) as Boeing 777 Freighter customers on a dry lease basis

Returning Cash to Shareholders

We are committed to creating, enhancing and returning value to our shareholders. Reflecting the strength of our balance sheet and cash flow in 2013, we invested \$72 million to repurchase over 1.7 million shares of our common stock, or 6.5% of our shares outstanding. We also continue to evaluate appropriate opportunities to repurchase up to an additional \$60 million of our shares through our stock repurchase program.

Returning Cash to Shareholders

\$72 million in share repurchases in 2013

Authority to repurchase up to \$60 million more

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 25

COMPENSATION DISCUSSION AND ANALYSIS

Compensation Program Highlights

Our Compensation Committee seeks to align compensation with Company and individual performance while providing incentives needed to attract, motivate and retain the executives that drive the Company s success. The Compensation Committee achieves these goals by:

Aligning annual incentives with key annual financial and operating objectives

Aligning long-term incentive awards with our shareholders interests by basing awards on key financial metrics and long-term operating performance

Each NEO is compensated with three primary forms of executive compensation: base salary, annual bonus, and long-term incentives. Annual and long-term performance incentives are payable based on specific performance objectives. The following table summarizes the key components of our CEO s compensation:

Key Components		
of Pay	Form of Compensation	Links to Performance
Base Salary	Cash	Fixed annual compensation
		Adjusted EPS (50%)
Annual Incentives	Cash	Objective Customer Service Reliability Metrics (20%)
		Individual Objectives (30%)*
	Performance Share Units	Average Growth in Adjusted Earnings Before Interest, Taxes,
		Depreciation and Amortization (EBITDA)
Long-Term Incentives	and Performance Cash	Return on Invested Capital (ROIC)
	DCII-	Retention (four year vesting) and alignment with shareholder
	RSUs	returns

^{*} For 2014 and after, individual objectives weighting for CEO will be decreased to 20% and Adjusted EPS increased to 60%.

We believe that our compensation practices have played a key role in our steady operating and financial results during challenging times over the last several years in the global fright industry. Our compensation programs and policies have been designed to:

Attract, motivate, reward and retain the highest caliber executive talent in the marketplace, with a focus on the breadth, scope and complexity of our global business. We believe our senior executive officers have played a key role in continuing our long-term track record of strong financial performance, particularly in light of challenging competitive, regulatory, technological and economic environments

Create a pay mix portfolio with an appropriate balance of fixed and variable pay, as well as performance-based pay having short-term and long-term components, with different performance metrics in each. A significant portion of total compensation is performance-based

Align the interests of our executives with those of our shareholders and ensure the compensation programs do not contain incentives to take inappropriate business risks

The interests of our senior executive officers are linked with those of our shareholders through a meaningful ownership stake in our Company

The performance metrics used in our performance-based annual and long-term incentive plans are key performance indicators of the Company that incentivize our NEOs to achieve a high level of performance

A significant portion of NEO compensation is tied to RSUs with four-year vesting terms to help promote stock ownership

26 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

We maintain stock ownership guidelines and anti-hedging and anti-pledging policies as described below. Aligning the interests of our senior executives with those of our shareholders provides incentives to our executives to avoid taking inappropriate risks

Set and adopt practices that reinforce our objectives and align with shareholder interests. Key practices we have adopted include:

Significant At-Risk Compensation: AIP compensation and more than 70% of long-term incentive compensation for the CEO (65% on average for the four other NEOS) if paid at target, subject to achievement of objective, pre-established performance goals tied to operational, financial and strategic objectives

<u>Clawback Pol</u>icy: Adoption of a clawback of annual incentive compensation applicable to AIP awards made in 2014 and beyond to discourage imprudent risk taking

<u>Double Trigger Vesting Acceleration</u>: Double trigger in long-term equity and cash performance incentive awards granted in 2014 and beyond, with no vesting unless a change of control is accompanied by a qualifying termination of employment

No Change of Control Gross Ups: Change of control payments are not grossed up for tax purposes

Extended Vesting Requirements: Time-based equity award agreements provide for a four-year vesting schedule

<u>Limited Perquisites</u>: The Company strictly limits perquisites and does not provide for items such as personal use of airplanes, Company-provided autos and/or auto allowances or club dues

<u>No Grants of Stock Options</u>: The Company provides full value equity awards with either performance-based vesting or extended time-vesting requirements and has not granted stock options for several years

No Repricing: Repricing of underwater stock options not allowed

Stock Ownership Requirements: Minimum stock ownership guidelines and recommended holding periods for stock are in place, and all executive officers are compliant in all respects

No Hedging or Pledging of Shares: Insiders prohibited from engaging in hedging and monetizing transactions involving the Company securities and from engaging in certain speculative transactions in respect of the Company securities

<u>Independent Compensation Consultant</u>: The Compensation Committee s independent compensation consultant performs no services for the Company other than those that support the needs of the Committee

162(m) Compliant: AIP compensation is designed to qualify as performance-based compensation under Section 162(m)

<u>Performance Assessment</u>: The Compensation Committee annually assesses its own performance

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 27

COMPENSATION DISCUSSION AND ANALYSIS

Discussion of Our Compensation Program

Our compensation program described in the Overview above is discussed in detail on the following pages.

Compensation Dashboard

2013 Target Compensation

2013 Target Compensation

CEO Pay

Average NEO (non-CEO)

Long-Term Incentive Program

- $\label{eq:links} \textbf{Links NEO} \ \textbf{and long-term shareholder} \\ \textbf{interests}$
- ; Serves as a key retention tool, and a strong performance driver
- ; PSUs and cash awards strictly performance based and not guaranteed
- RSUs with four year vesting focused on retention of executive talent and related to share price
- For additional information see page 34

Annual Incentive

- Drive key business, operating and individual results on an annual basis
- ; Strictly performance-based against measurable metrics and not guaranteed
- For additional information see page 31

Base Salary

- Attract and retain executive talent
- Fixed cash-based annual compensation
- For additional information see page 30

Other Elements of Compensation

Benefits and Perquisites

Standard employee benefits that protect against illness, disability or death

Retirement Program

Programs to meet executives basic retirement needs

Strongly serves to attract and retain executives

¡ NEOs generally participate in corporate-wide benefits programs

Includes 401(k) and deferred savings plans

For additional information see page 37

- i Includes medical, dental and disability plans
- Limited perquisites for NEOs
- For additional information see page 37

28 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

How We Use a Comparator Group to Make Our Compensation Decisions

In making compensation decisions with respect to each of the primary compensation components, our Compensation Committee periodically reviews the competitive market for executives in our industry and similar industries. Based on our outreach and shareholder feedback, beginning in 2014 we completely changed our peer group to companies in similar industries with similarly sized revenues to us, to make compensation decisions beginning in 2014.

In 2013, we reviewed total cash and long-term incentive compensation for our senior executives against survey data for companies in the Towers Watson aerospace/defense, automobile and transportation industries database (the Towers Watson database). This nationwide database includes 30 companies that have a range of revenues. Although some of these companies have materially more revenue than our Company, it is important to note that the data is regressed to be consistent with the Company s actual revenues. We selected this survey database because it contains a broad selection of companies with businesses, complexity and global scale similar to our own.

A significant portion of our revenues is derived from companies based outside of the United States. In 2013, we operated 25,571 flights, serving 430 destinations in 124 countries. Given the global nature of our business, we believe it is critical to recruit and retain executives with a breadth of experience in global markets. We believe that the Towers Watson database also provides a measure of compensation in the market in which we compete for executive talent and allows us to maintain a lean senior executive team. Reference is made to Exhibit A attached to this proxy statement for a list of the companies comprising this Towers Watson database.

Our new 2014 comparator group is comprised of the following companies:

Alliant Techsystems Inc. (aerospace, defense, commercial products)	Esterline Technologies Corporation (aerospace and defense manufacturer)	Ryder Systems, Inc. (truck rental, supply chain management and fleet management services)	
Barnes Group Inc.	Exelis Inc.	Spirit Aerosystems Holdings, Inc. (aero	
(aerospace and industrial manufacturer)	(aerospace, defense and information solutions provider)	structures manufacturer)	
B/E Aerospace Inc.	GATX Corporation	Tidewater Inc.	
(distributor of aerospace fasteners and consumables)	(railcar leasing)	(provider of large off shore service vessels to global energy industry)	
Bristow Group Inc.	Harris Corporation	TransDigm Group Inc. (commercial and	
(offshore helicopter transport services)	(international communications and information technology)	military aerospace components manufacturer)	
Con-Way Inc.	Hexel Corporation	Trinity Industries, Inc. (manufacturer of transportation, construction and industrial	
(freight transportation and logistics)	(industrial manufacturer)	products)	
Curtiss-Wright Corp. (engineered, technologically advanced products and services)	Kansas City Southern (international transportation holding company)	UTi Worldwide Inc.	

(provider of global supply chain management solutions)

Echo Global Logistics, Inc. (technologically-enabled business process outsourcing)

Rockwell Collins, Inc.

(provider of avionics and information technology systems and services)

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 29

COMPENSATION DISCUSSION AND ANALYSIS

We considered the following factors in establishing the new comparator group:

Our 2014 comparator group includes similarly sized companies, with median revenue in 2013 of \$2.8 billion and with revenues that range from 0.5x to 2x of AAWW s revenues (including total revenues of Polar) making the revenue regression analysis described above unnecessary

Our 2014 comparator group includes 20 companies in the transportation, logistics and aerospace/defense services industries and eliminated manufacturers in the automotive industry such as Chrysler, Ford, General Motors, Goodrich and Nissan North America Some shareholders told us in our 2013 engagement program that they were concerned that the CEO s pay was benchmarked above the median. For 2013, we generally targeted major elements of CEO pay between the 50th and 75th percentiles of the peer group used then, and at the 75th percentile for NEOs other than the CEO.

For 2014, we benchmarked the CEO LTI grant at the median, and we will use the median for all future changes to the primary elements of CEO compensation (salary and incentive pay).

Base Salary

Base salary is designed to compensate senior executives for their responsibility, experience, sustained high level of performance and contribution to our success. The amount of any senior executive salary increase is determined by the Compensation Committee based on a number of factors, including but not limited to: the nature and responsibilities of the position; the level of performance of the individual; the expertise of the individual; survey data; advice of the Committee s independent compensation consultant; and recommendations of the Chief Executive Officer (except regarding his own salary) and the Chief Human Resources Officer. Salary levels for senior executives are generally reviewed annually by the Chief Executive Officer and the Compensation Committee as part of the performance review process.

Our CEO s base salary has not been increased in over two years. In December 2013, the Compensation Committee considered the CEO s salary for 2014 and determined not to raise the CEO s salary. Also in December 2013, the Board of Directors elected Mr. Kokas and Mr. Schwartz to Executive Vice President. Following such election, after review of recommendations of the independent compensation consultant, the Compensation Committee determined to raise the base salaries effective January 1, 2014 for Mr. Kokas to \$537,000, and for Mr. Schwartz to \$525,000, in connection with their promotions. In addition, the Compensation Committee determined at the same time to increase the salary of Mr. Dietrich to an annual rate \$665,000, and for Mr. Steen to \$580,000, effective January 1, 2014, taking into account exemplary individual performance results and competitive salary increase levels. None of Messrs. Dietrich, Steen, Kokas, and Schwartz had a salary increase in the previous two years.

Performance-Based Annual and Long-Term Incentive Compensation

The Compensation Committee believes that a significant portion of a senior executive s compensation should be at-risk, based upon the Company s financial and operating performance. Performance-based compensation aligns senior executive compensation with our goals for corporate financial and operating performance and encourages a high level of individual performance. The Committee also believes that performance-based compensation should be balanced between incentives to achieve the Company s annual, as well as longer-term, strategic goals. Further, the performance metrics used in our performance-based annual and long-term incentive compensation are key performance indicators of the Company and incentivize the CEO to achieve a high level of performance.

Our AIP is designed to drive the achievement of key business, financial and operational results and to recognize the individual contributions of our executives on an annual basis. Long-term incentives are intended to assist in retaining and motivating executives and to encourage a strong link between management objectives and shareholder long-term interests. These targets, individually or collectively, are designed to be challenging to motivate high business performance. We also believe that a significant portion of our senior executives—total compensation should be equity-based, providing a strong alignment between the senior executive—s compensation and shareholders—interests.

30 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

Annual Performance-Based Cash Incentive Program

Annual cash incentive compensation awards to our senior executives are made under the AIP, which is part of the Company s 2007 Incentive Plan (the Incentive Plan). Annual cash incentive awards under the AIP are intended to qualify as performance-based compensation as defined in Section 162(m) of the Internal Revenue Code of 1986, as amended (the Code). Each of our executives is assigned a target bonus opportunity and a maximum bonus opportunity. For 2013, Mr. Flynn had a target bonus opportunity of 100% and a maximum bonus opportunity of 200% of base salary; Messrs. Dietrich and Steen had a target bonus opportunity of 85% of annual base salary, with a maximum bonus opportunity of 170%; and Messrs. Kokas and Schwartz had a target bonus of 75% and maximum bonus opportunity of 150%.

For any bonus to be payable under the AIP, a threshold level of Company financial performance of adjusted earnings per share must be attained. For 2013, our threshold financial performance of adjusted earnings per share was \$3.36. The adjusted earnings per share number was calculated based on 27.05 million shares outstanding (to avoid any distortions due to share repurchases, which would have resulted in a higher bonus payout based solely on the share repurchases). In calculating the adjusted pretax earnings, items contained in the Company s annual operating budget do not result in any adjustment. However, items such as any gain or loss resulting from changes in accounting principles, results from discontinued operations, any extraordinary item as defined by GAAP, and other operating and non-operating expenses are taken into account as adjustments to the extent that amounts related thereto were not included in the target support for the Company s operating plan as approved by the Board of Directors. We make these adjustments to account for factors that we believe are not within the control of management, are not representative of our management team s performance under the operating plan and to promote incentives for management to make decisions that focus on the creation of long-term value.

If the Company achieves its threshold pretax earnings goal, participants become eligible to receive up to the maximum award amount described above. However, a participant s maximum award amount is subject to downward adjustment based in part on the extent to which the Company achieves the earnings per share goal described below, and in part on such other factors as the Committee may determine. Downward adjustments, if any, lie in the discretion of the Committee but the Committee generally adjusts for the factors established for the particular performance period, as the Committee did in 2013.

EPS. One of the performance factors used to determine downward adjustment in the 2013 AIP was our adjusted earnings per share. For purposes of the AIP, the adjusted EPS performance range was (1) a threshold amount of \$3.36 per share, (2) \$4.64 per share for the target amount and (3) \$4.88 representing maximum achievement. For 2013, reported EPS was \$3.66 per share before required adjustments under the AIP, consisting primarily of retirement for two Boeing 747-400 BCF aircraft, loss on early extinguishment of debt, certain tax and strategic planning expenses, unrealized currency losses on Brazilian customs deposits and an impairment on intangible assets related to a customer relationship, as well as certain immaterial items comprised of stock grant expense, loss on sale of aircraft, costs related to a collective bargaining grievance, executive severance expenses, and fees of outside advisors for certain activities. This resulted in adjusted EPS of \$4.12, resulting in downward discretion being exercised by the Committee to a 90.3% financial performance factor that was weighted on a 50% basis. As previously noted, the Compensation Committee further exercised its downward discretion for the CEO s 2013 AIP payment based on special circumstances of this year, including our 2013 total shareholder return.

Customer Service Quality/On-Time Reliability Objective Metric. Customer Service Quality in terms of on-time arrivals is critical to our business success as an outsourced provider of aircraft services flying freight and passengers for our customers. In addition to adjusted EPS, the second objective performance metric that was employed to determine 2013 annual cash bonus payments was our on-time customer service reliability for our main business segments. With respect to customer service reliability, we set our annual on-time customer service reliability target levels to meet or exceed our aggressive contractual service level commitments to our customers. The following are our 2013 customer service quality goals. These are all objective, measurable goals that are set to meet or exceed challenging standards set forth in our customer service agreements. In 2013, we exceeded our customer service reliability levels, resulting in a 200% performance factor attributable to this objective performance metric. As previously noted, the Compensation Committee exercised its downward discretion for the CEO s 2013 AIP payment based on special circumstances of this year, including our 2013 total shareholder return.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 31

COMPENSATION DISCUSSION AND ANALYSIS

2013 Objective Customer Service Quality Goals. The Customer Service Quality portion of our AIP is objective. It is comprised of specific challenging, objective, measurable customer service on-time reliability goals set forth in written customer contracts.

Customer Service Offering	2013 Result
ACMI	Exceeded all on-time objective customer service performance goals during the year without incurring net customer financial penalties.
CMI	Exceeded all on-time objective customer service performance goals during the year without incurring net customer financial penalties.
AMC/Military	Exceeded all on-time objective customer service performance goals during the year without incurring net customer financial penalties.

2013 Individual Performance Objectives. Individual annual objectives for the NEOs are reviewed with and approved by the Compensation Committee at the beginning of each year, typically when the Company s operating plan is being approved by the Board of Directors. These performance objectives tie into our annual business plan and our long-term strategic plan, including productivity, diversifying our business and enhancing our financial results.

Set forth below are the primary objectives for each of our NEOs during 2013. All of our NEOs met or exceeded the maximum achievement on their individual objectives (the third AIP performance metric), resulting in a 200% performance factor. This metric was weighted at 30% for all Named Executive Officers for 2013.

As discussed above, for 2014, Mr. Flynn s individual objective percentage was reduced to 20%.

William J. Flynn President and Chief Executive Officer:

- ü Drive Implementation of Strategic Plan, Including Expanding Our Dry Leasing Business and Continued Development of Our Overall Fleet Strategy
 - Executed on a number of substantial new aircraft investments that are expected to make significant contributions to future earnings and generate very favorable investment rates of return; and
 - Successfully diversified AAWW s overall asset base through key acquisitions, which also complements AAWW s investment in the Boeing 747-8F as an ACMI asset.
- ü Continuous Improvement (CI) Cost Reduction Efforts & Strategic Growth Initiatives

- Materially reduced costs compared with 2012 in the following areas: maintenance, from our engine and spare part purchase programs rather than incurring more expensive repairs for existing parts; passenger and ground handling; travel, from reduced rates negotiated with vendors; rate reductions on various other operating expenses through substantial procurement initiatives; and
- ü CI Cost Reduction Efforts & Strategic Growth Initiatives
 - Materially reduced costs compared with 2012 in the following areas: maintenance, from our engine and spare part purchase programs rather than incurring more expensive repairs for existing parts; passenger and ground handling; travel, from reduced rates negotiated with vendors; rate reductions on various other operating expenses through substantial procurement initiatives; and
 - Successfully identified a number of CI opportunities for longer term benefit and implementation.
- 32 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

- ü Managed Department of Defense (DOD) Strategy and Maximized Opportunities
 - Successfully managed DOD strategy, teaming arrangements and entitlements; and
 - Attained outstanding ratings for Air Force One and E-4B pilot training services, resulting in a successful renewal of this contract.
- ü Strengthened Labor Relations Engagement
- Implemented a five-year collective bargaining agreement with the Atlas and Polar dispatchers without operational disruption.

 Michael Steen Executive Vice President and Chief Commercial Officer:
- ü Implement Strategic Plan and Dry Leasing Growth Strategy
 - Successfully expanded our dry leasing platform by acquiring six Boeing 777 Freighters in 2013 and early 2014;
 - Added two new ACMI customers and successfully placed two Boeing 747-400 Freighters with existing ACMI customers;
 - Placed a Boeing 747-8F with Etihad;
 - Added MLW as a new CMI customer and successfully commenced operation of a Boeing 767 VIP aircraft; and
 - Added two additional Boeing 767-300 Freighters for DHL CMI operations in Asia.
- ü CI Cost Reduction Efforts & Strategic Growth Initiatives
 - Materially reduced costs compared with 2012 in the following areas: maintenance, from our engine and spare part purchase programs rather than incurring more expensive repairs for existing parts; passenger and ground handling; travel, from reduced rates negotiated with vendors; rate reductions on various other operating expenses through substantial procurement initiatives; and
 - Successfully identified a number of CI opportunities for longer term benefit and implementation.

Adam R. Kokas General Counsel and Chief Human Resources Officer:

- ü Support Implementation of Company Growth Initiatives
 - Successfully developed and executed on Titan growth strategy through the negotiation, documentation and closing of the acquisition of six Boeing 777 Freighters in 2013 and early 2014;
 - Completed the acquisition and delivery of two Boeing 747-8 Freighters and the related financing;
 - Completed a capital markets refinancing of one Boeing 777 Freighter on lease; and
 - Provided timely and comprehensive legal, regulatory, transactional and business support for numerous other specific transactions furthering the Company s growth initiatives.
- ü CI Cost Reduction Efforts & Strategic Growth Initiatives
 - Materially reduced costs compared with 2012 in the following areas: maintenance, from our engine and spare part purchase programs rather than incurring more expensive repairs for existing parts; passenger and ground handling; travel, from reduced rates negotiated with vendors; rate reductions on various other operating expenses through substantial procurement initiatives; and
 - Successfully identified a number of CI opportunities for longer term benefit and implementation.
- ü Strengthened Labor Relations Engagement and Enhanced Company-Wide Compliance Focus
 - Implemented a five-year collective bargaining agreement with Atlas and Polar dispatchers without operational disruption;

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 33

Table of Contents

COMPENSATION DISCUSSION AND ANALYSIS

- Successfully implemented an enhanced Company-wide compliance training program and a continued and sustained focus on tone at the top regarding compliance, along with initial 100% ground staff completion rates on compliance training programs; and
- Successfully strategized the crew and ground recruitment efforts related to substantial 2013 aircraft and customer growth.

 Spencer Schwartz Senior Vice President and Chief Financial Officer:

ü Enhance Stakeholder Value

- Supported plans to diversify and grow revenue and profitability, including implementation of the Company s strategic plan;
- Generated numerous considerable income tax benefits for 2013 and subsequent years that lower the Company s effective income tax rate and cash taxes paid;
- Executed/arranged very low rate financing for two Boeing 747-8Fs and six Boeing 777-200LRFs; and
- Added/upgraded Information Technology functionality for many new stations, systems, software and devices:

ü CI Cost Reduction Efforts & Strategic Growth Initiatives

- Materially reduced costs compared with 2012 in the following areas: maintenance, from our engine and spare part purchase programs rather than incurring more expensive repairs for existing parts; passenger and ground handling; travel, from reduced rates negotiated with vendors; rate reductions on various other operating expenses through substantial procurement initiatives; and
- Successfully identified a number of CI opportunities for longer term benefit and implementation.

Advanced Business Resiliency

- Successfully developed and implemented a comprehensive business recovery program;
- Tested critical work processes; and
- Broadened recovery communications and program awareness.

Actual 2013 Payouts Negative Discretion Exercised. As a result of the above, the AIP paid out at a bonus level of 145% based on negative discretion exercised by the Committee related to adjusted earnings per share. However, the Compensation Committee exercised its downward discretion and reduced the AIP payout for our CEO by an additional 65 percentage points, to 80% of target, which is 40% below prior year payout. Such reduction was based on special circumstances of 2013, including our 2013 total shareholder return. Actual bonus amounts paid to Messrs. Flynn, Dietrich, Steen, Kokas and Schwartz under the AIP are included in the Summary Compensation Table for Fiscal 2013 under Non-Equity Incentive Plan Compensation.

Long-Term Incentive Compensation

Under our 2007 Incentive Plan, the Compensation Committee is authorized to grant to participants a variety of long-term incentives, including shares of common stock, restricted stock, share units, stock options, stock appreciation rights, performance units and/or performance cash incentives. In granting these awards, the Compensation Committee is authorized to establish any conditions or restrictions, consistent with the 2007 Incentive Plan, it deems appropriate.

During 2013, the Compensation Committee made long-term incentive grants to our NEOs in the form of performance share units, performance-based cash awards, and time-based restricted stock units, as set forth in the Grants of Plan Based Awards table on page 41. To provide incentives to achieve the Company saggressive long-term operating plan, the Committee elected to maintain performance award opportunity levels at the same level as those employed in 2012.

34 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

Setting the Long-Term Grant Amount

The total long-term incentive grant in a given year is based on a multiple calculated as a percentage of base salary. For the CEO, the multiple is based on his actual base salary and for the other NEOs and other executives, the multiple is based on an average base salary for all executives at a particular level (either Executive Vice President, Senior Vice President or Vice President). The multiple is converted into an aggregate LTI plan award, and for 2013 awards, is based on the AAWW average closing stock price for the 30 days before January 31, 2013.

For 2013, the award was granted in the form of three-year performance share units (25%) and performance cash awards (25%), as well as time (four year) vesting restricted stock units (50%), all as more fully described below.

Performance Share Units and Performance Cash Awards

Performance share units, or PSUs, are paid in AAWW common shares on vesting. Key characteristics of the PSUs are as follows:

Consisted of 25% of the 2013 LTI grant

Vest only if the Company achieves, over a three-year period, rigorous preset objective comparative financial targets measured against a designated group of 20 peer companies in the transportation, logistics and outsourced transportation industries (LTI Peer Companies)

Subject to the following financial metrics for the 2013 grant: earnings before interest, taxes, depreciation and amortization (EBITDA) growth and return on invested capital (ROIC) relative to the LTI Peer Companies

The grant date value is reported on the Summary Compensation Table, but actual value (if any) will not be realized by the NEOs until the three-year period ends and then only if the awards meet applicable performance criteria

Performance cash awards are paid at the end of a three-year performance period. Key characteristics of the performance cash are as follows:

Consisted of 25% of the 2013 LTI grant

Vests only if the Company achieves, over a three-year period, rigorous preset comparative financial targets measured against the LTI Peer Companies

Subject to the following financial metrics for the 2013 grant: EBITDA growth and ROIC relative to the LTI Peer Companies

Pursuant to SEC rules, cash compensation subject to future performance is not reported until it is actually paid, which would not be before 2016 following completion of the 2013-2015 three-year performance period. As such, this value is not reported on the 2013 Summary Compensation Table

The Committee determined in 2013 that 25% of the LTI award should be based on long-term performance but be awarded in cash performance units. The Committee s decision was based on its analysis of: (1) the amount of AAWW stock already held by executives, which was well above the stock ownership guidelines (and for the CEO, totals more than 1% of the Company s issued and outstanding shares), (2) dilution and grant rate levels, and (3) the need to balance executive retention with long-term company operating performance.

Financial Metrics for Performance-Based LTI Grants. Each year, the Committee establishes the performance metrics and peer companies for the following three-year award period. The rewards for achieving results under these overlapping periods will vary for each three-year period. Our long-term incentive performance metrics relate to key Company long-term strategies and provide substantial payouts only on exceptional performance.

For the three-year performance period (covering fiscal 2013 2015), the Committee determined that the performance-based awards would be based upon: (1) average growth in EBITDA and (2) ROIC, both as measured against a select group of 20 transportation-related companies, described further below.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 35

COMPENSATION DISCUSSION AND ANALYSIS

For 2013, the Committee changed the earnings metric from earnings before taxes (EBT) used for long-term incentive awards prior to 2013 to one based on EBITDA based on feedback from our extensive shareholder outreach efforts, and because for companies in industries that require significant upfront financial investments like the Company, EBITDA is a more appropriate measure of underlying profit potential. It also serves as a better indicator of operating cash flow.

The Company s strategic plan involves a significant investment program in its aircraft fleet over the 2012 to 2014 period, and our long-term performance based awards include a ROIC metric to measure how the Company manages its balance sheet to generate returns. Investment in the fleet results in a lag between the time of the investment in assets and revenue production from the assets deployed with that investment. As such, the ROIC metric calculation excludes capital invested until the related assets are placed in service and earning a return for the Company.

At the end of the three-year period, the awards vest based on a performance matrix ranging from no vesting if the Company s performance is in the bottom quintile of both EBITDA and ROIC metrics to 200% vesting if performance on both metrics is in the top quintile. Target vesting (100% of the award) is achieved if the Company s performance is in the middle quintile.

LTI Peer Companies Peer Group for Relative Performance Comparisons. For awards granted in 2013, we measured our operating performance for purposes of determining payout amounts of PSUs and Performance Cash Awards against a peer group. This peer group, initially formulated by management based on criteria developed with the Compensation Committee, was reviewed by Towers Watson and was then reviewed and approved by the Compensation Committee.

For awards granted in 2013 covering the 2013-2015 performance period, the relative performance peer group (referenced as LTI Peer Companies above) consisted of the following 20 companies whose primary lines of business were in the transportation, logistics and outsourced transportation service industries: Aercap Holdings, Aircastle Limited, Air Transport Services Group, Alexander & Baldwin, Inc., Bristow Group, CSX Corporation, Delta Airlines, GATX, Horizon Lines, J.B. Hunt, JetBlue, Kansas City Southern, Norfolk Southern, Parker Drilling, Republic Airways, Ryder Systems, Inc., SkyWest Airlines, Southwest Airlines, TAL Corporation and Tidewater Inc. Importantly, the LTI Peer Companies are also designed to include companies whose primary businesses are similarly impacted by the performance metrics used for our performance share and unit awards. Amount of revenue is not as important for this purpose as we are companies to measure relative operating performance and growth as opposed to benchmarking compensation levels.

Restricted Stock Units

Restricted stock units, or RSUs, are paid in AAWW common shares and have the following key characteristics:

Consisted of 50% of the 2013 LTI target grant

Vest annually over a four-year period

The grant date value is reported on the Summary Compensation Table, but the value realized by the executives will not be determined until the units yest

RSUs are designed to attract and retain executives by providing them with (1) stock ownership during the four-year vesting period, and (2) strong incentive to remain with the Company until at least the four-year vesting period ends.

36 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

Target Payout of 2011 LTI Award for Three-Year 2011-2013 Performance Period

In the first quarter of 2014, the Committee reviewed AAWW s performance over the three-year performance period ended December 31, 2013 for grants made in 2011. The performance metrics for these awards were set in 2011 and were EBT growth and ROIC relative to a comparator group. Based on that review and consistent with the pay for performance structure of our long-term incentive plan, the Committee determined that AAWW s performance relative to the comparator companies placed it within the fifth quintile for EBT Growth and the first quintile for ROIC, resulting in stock payouts at the 100% (target) level as shown in the matrix below.

Performance Relative to	Performance Relative to Comparator Group: ROIC				
Comparator Group: EBT Growth	Fifth	Fourth	Target	Second	First
	Quintile	Quintile	Quintile	Quintile	Quintile
Fifth Quintile	0%	0%	50%	75%	100%
Fourth Quintile	0%	50%	75%	100%	135%
Target Quintile	50%	75%	100%	135%	150%
Second Quintile	75%	100%	135%	150%	175%
First Quintile	100%	135%	150%	175%	200%
Other Elements of Compensation					

Other Benefits and Limited Perquisites

We provide our senior executives with common benefits, such as health insurance (including certain retiree health benefits), severance benefits commensurate with position, 401(k) plan participation and a supplemental executive retirement program. The Compensation Committee believes that perquisites should be limited and not broad-based. Such perquisites are limited to financial counseling and travel related benefits, including tax reimbursement payments related thereto, and an annual physical examination. Details concerning these perquisites can be found in the footnotes to the Summary Compensation Table for Fiscal 2013 below.

Retirement Plans

In addition to the Company s 401(k) plan, the Company maintains a supplemental executive retirement plan for employees holding the title of Senior Vice President or higher. This plan is a nonqualified deferred compensation plan intended to make eligible employees whole for compensation limits imposed under our 401(k) plan. Under the supplemental executive retirement plan, a participant is eligible to make elective deferrals and to receive employer credits equal to 5% of eligible compensation in excess of the limits described in Sections 401(a)(17) and 402(g) of the Code. Employer credits are subject to a vesting requirement during the first three years of eligibility for the plan. Deferrals and employer credits are credited with notional earnings equal to the prime interest rate until distributed on the earliest of (i) the participant becoming disabled, (ii) the participant s separation from service (including death), or (iii) a change in control of the Company.

Policies Regarding Executive Stock Ownership

In support of the Board philosophy that performance and equity incentives provide the best incentives for the NEOs and other members of management and promote increases in stockholder value, the Board adopted Stock Ownership Guidelines (the Guidelines) covering all Board members and NEOs. Such guidelines include both stock ownership and recommended stock holding periods as described below. The Guidelines require executives to achieve certain levels of share ownership over a five-year period based on the lesser of a percentage of annual base salary or a fixed number of shares. The target ownership requirements for the Board Members and the NEOs are the lesser of: (1) 4x annual retainer and fees or 5,000 shares for non-independent directors, (2) 4x base salary or 50,000 shares for the CEO, (3) 3x base salary or 20,000 shares for executive vice presidents, and (4) 2x base salary or 12,000 shares for senior vice presidents.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 37

COMPENSATION DISCUSSION AND ANALYSIS

All of our Board Members and NEOs are in full compliance with the requisite Common Stock ownership levels set forth in the Guidelines. Mr. McNabb was elected as a Director on July 23, 2012 and has five years from that date to achieve full compliance status. He is in compliance with the holding period described below.

If an individual covered by the Guidelines has not attained the requisite level of share ownership upon a vesting event or exercise of a stock option or otherwise receives stock as compensation from the Company, it is recommended that he or she retain the lesser of (i) a number of shares equal to 50% of the net value of shares acquired or vested (after deducting the exercise price and withholding taxes) or (ii) a number of shares necessary to reach the applicable stock ownership guidelines amount for such covered person.

Tax Considerations

Section 162(m) of the Code limits the deductibility of compensation in excess of \$1 million paid to the Company s Chief Executive Officer and to each of the other three highest-paid executive officers (other than the Chief Financial Officer). There is, however, an exception to this limit on deductibility for compensation that satisfies certain conditions for qualified performance-based compensation set forth under Section 162(m). The Company intended to implement compensation arrangements that qualify as tax-deductible performance-based compensation under the 2007 Plan; provided, however, that such intended implementation should not be viewed as a guaranty that the Company will be able to deduct all such compensation. The Compensation Committee reserves the right in its discretion to make payments or grant awards that do not qualify for tax deductibility under Section 162(m).

Equity Grant Practices

The Compensation Committee generally grants equity awards in February of each year. The Committee does not have any programs, plans or practices of timing these awards in coordination with the release of material nonpublic information. We have never backdated, re-priced or spring-loaded any of our equity awards.

Clawback Policy

In 2014, we adopted a compensation clawback policy to enhance the alignment of our compensation program features with best practices and consistent with feedback received from our shareholders. Our clawback policy permits us to seek to recover certain amounts of annual cash incentive compensation awarded to any executive officers on or after February 18, 2014 if payment of such compensation was based on the achievement of financial results that were subsequently the subject of a restatement of our financial statements due to misconduct and if the executive officer engaged in improper conduct after February 18, 2014 that contributed to higher amount of cash incentive compensation received.

Letter to the Shareholders from the Board of Directors

In managing the Company, our entire Board of Directors seeks to achieve long-term, sustainable performance and create value through the right strategies, prudent risk management, effective corporate governance practices and compensation programs and well-functioning talent and succession planning. Please see page 1 of this Proxy Statement for a Letter to the Shareholders from the Board of Directors.

Compensation Committee Report

The Compensation Committee has reviewed and discussed the Compensation Discussion and Analysis section with senior management. Based on this review, the Compensation Committee recommends to the Board of Directors that the Compensation Discussion and Analysis section be included in this proxy statement.

THE COMPENSATION COMMITTEE

Frederick McCorkle, Chairman

James S. Gilmore

Carol B. Hallett

38 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

Compensation Committee Interlocks and Insider Participation

No member of our Compensation Committee serves as a member of the board of directors or the compensation committee of any entity that has one or more of our executive officers serving as members of the Board or Compensation Committee.

Compensation of Named Executive Officers

Summary Compensation Table for Fiscal 2013

As described in the Compensation Discussion and Analysis Overview section of this Proxy Statement, based on our extensive shareholder outreach, we have made numerous changes to our compensation programs, while maintaining our pay for performance philosophy and ensuring that these programs do not promote excessive risk taking. Please read the Compensation Discussion and Analysis Overview beginning on page 22, along with the material presented below.

The following table provides information concerning compensation for our Named Executive Officers during fiscal year 2013:

						Non-Equity		
						Incentive		
Name and				Stock	Option	Plan	All Other	
Principal		Salary	Bonus	Awards	Awards	Compensation	Compensation	Total
Position	Year	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(i)	(j)
William J. Flynn	2013	1,035,040		3,865,788		828,000	136,817	5,865,645
President and Chief	2012	978,788		4,305,096		1,364,424	257,818	6,906,126
Executive Officer	2011	900,035		3,489,175		1,789,869	176,635	6,355,714
John W. Dietrich	2013	632,524		1,590,060		780,284	90,076	3,092,944
Chief Operating Officer	2012	622,211		2,040,602		746,007	137,363	3,546,183
	2011	550,021		1,353,107		923,475	112,675	2,939,277
Spencer Schwartz	2013	425,016		1,013,096		462,619	76,031	1,976,762
Chief Financial Officer	2012	421,891		1,300,253		444,353	78,886	2,245,384
	2011	385,432		848,444		596,623	79,626	1,910,125
Michael T. Steen	2013	550,021		1,590,060		678,508	83,112	2,901,701
Chief Commercial	2012	543,771		2,040,602		651,717	106,146	3,342,236
Officer	2011	500,019		1,353,107		845,216	96,211	2,794,552
Adam R. Kokas	2013	488,769		1,013,096		532,012	75,094	2,108,971
General Counsel and Chief	2012	480,800		1,300,253		511,006	100,205	2,392,264
Human Resources Officer	2011	425,016		848,444		633,912	85,182	1,992,553
Summary Compensation Table Notes								

Column (a) Named Executive Officers

The Named Executive Officers include the chief executive officer, the chief financial officer, and the three other most highly compensated executive officers who were serving as executive officers at December 31, 2013. Mr. Steen was named Executive Vice President and Chief Commercial Officer in November 2010. Mr. Schwartz was named Senior Vice President and Chief Financial Officer in June 2010 and was elected an Executive Vice President as of January 1, 2014. Mr. Kokas was named Senior Vice President, General Counsel and Secretary in October 2006. He was named Chief Human Resources Officer in November 2007. Mr. Kokas was elected an Executive Vice President as of January 1, 2014. Mr. Dietrich became Executive Vice President and Chief Operating Officer in September 2006.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 39

COMPENSATION DISCUSSION AND ANALYSIS

Column (c) Salary

Mr. Flynn did not receive a salary increase in 2013. Mr. Flynn s last salary increase occurred over two years ago in April 2012. Salary shown for 2013 reflects the full-year effect of this April 2012 increase.

Column (d) Bonus

There were no discretionary bonuses paid to the Named Executive Officers in 2013.

Columns (e) and (f) Stock Awards and Stock Options

Stock awards for 2013 reflect amounts covering grants of (i) time-based restricted stock units vesting over four years and (ii) performance share units (awarded at target) for the three-year performance period ending December 31, 2015. Performance share units are paid out at a rate ranging from 0% to 200%, depending on AAWW s EBT and ROIC performance relative to a group of peer companies over such three-year performance period. Assuming that the performance share units are paid out at the maximum level, the aggregate dollar amounts of restricted stock unit and performance share unit awards for 2013 (based on the closing price of our Common Stock on the date of grant) would be \$5,154,415 for Mr. Flynn, \$2,120,080 for Mr. Dietrich, \$1,350,811 for Mr. Schwartz, \$2,120,080 for Mr. Steen and \$1,350,811 for Mr. Kokas. There were no stock options granted in 2013.

Column (g) Non-Equity Incentive Plan Compensation

Reflects cash payments made under the AIP. The Compensation Committee used downward discretion to reduce Mr. Flynn s 2013 bonus payout by \$673,000 (an additional 65 percentage points, down to 80% of target) based on special circumstances of this year, including our 2013 total shareholder return.

Column (i) All Other Compensation

All Other Compensation includes Company matching contributions under our 401(k) plan. For 2013, these amounts totaled \$11,500 for Mr. Flynn and \$8,750 for each of the other Named Executive Officers.

We provide a limited number of perquisites and other personal benefits to our senior executive officers. We believe these benefits are reasonable, competitive and consistent with our overall executive compensation program and philosophy and with comparable programs maintained by the companies with which we compete for executive talent. The costs of these benefits constitute only a small percentage of each Named Executive Officer s total compensation. For 2013, these personal benefits included financial counseling fees and limited travel-related expenses. Reimbursement of taxes owed for these benefits for 2013 totaled \$20,672 for Mr. Flynn, \$17,227 for Mr. Dietrich, \$19,599 for Mr. Schwartz, \$15,982 for Mr. Steen and \$16,782 for Mr. Kokas. These amounts are included in the All Other Compensation column.

The Company s 401(k) Restoration and Voluntary Deferral Plan (SERP) is for employees holding the title of Senior Vice President or higher. The SERP is a nonqualified deferred compensation plan intended to make eligible employees whole for compensation limits imposed under our 401(k) plan. Under the SERP, a participant is eligible to make elective deferrals and receive an employer contribution equal to 5% of eligible compensation in excess of the limit described in Section 401(a)(17) of the Code. Employer contributions are subject to a vesting requirement during the first three years of eligibility for the SERP. Deferrals and employer contributions are credited with notional earnings equal to the prime interest rate until distributed on the earliest of (i) the participant becoming disabled, (ii) the participant s separation from service, or (iii) a change in control of the Company. The amount of employer contributions made under the SERP to each of our Named Executive Officers during 2013 totaled \$81,908 for Mr. Flynn, \$44,191 for Mr. Dietrich, \$25,171 for Mr. Schwartz, \$39,837 for Mr. Steen, and \$30,260 for Mr. Kokas. These amounts are included in the All Other Compensation column. See *Nonqualified Deferred Compensation* below for additional information about the SERP.

The All Other Compensation column also includes *de minimis* amounts for group term life insurance and long-term disability insurance.

40 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

Grants of Plan-Based Awards During Fiscal 2013

The grants in the following table were made pursuant to (i) our Incentive Plan and related award agreements and (ii) our AIP, all of which are described in more detail in the section headed Compensation Discussion and Analysis above.

		Estima	ated Future l Under	Payouts		Estimate Payo			All Other		
		Non	ı-Equity Ince	ntive		Under 1	Equity	All Other Stock	Option Awards:		Grant
			Plan Award			Incentiv Awar		Awards: Number of Shares of	Number of Securities	or Base Price of	Date Fair Value of Stock and
	Grant	Threshold	Target	Maximuffil	resh		Maximum	Stock or	nderlying		Option
Name	Date	(\$)	(\$)	(\$)	(#)	(#)	(#)	Units ⁽⁴⁾ (#)	ptions (#)	wards (\$)	Awards ⁽⁴⁾ (\$)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
William J. Flynn											
AIP(1)		776,250	1,035,000	2,070,000							
LTIP ⁽²⁾	2/25/13		1,229,063	2,458,126							
LTIP	2/25/13					27,313	54,626				1,288,627
Stock Awards	2/25/13							54,624			2,577,160
John W. Dietrich											
AIP(1)		403,219	537,625	1,075,250							
LTIP ⁽²⁾	2/25/13		505,519	1,011,038		44.004	22.460				520.020
LTIP	2/25/13					11,234	22,468	22.460			530,020
Stock Awards	2/25/13							22,468			1,060,040
Spencer Schwartz AIP ⁽¹⁾		220.062	210.750	(27.500							
LTIP ⁽²⁾	2/25/13	239,063	318,750	637,500							
LTIP(2)	2/25/13		322,097	644,194		7,158	14,316				337,714
Stock Awards	2/25/13					7,136	14,510	14,315			675,382
Michael T. Steen	2/23/13							14,313			073,362
AIP ⁽¹⁾		350,625	467,500	935,000							
LTIP ⁽²⁾	2/25/13	330,023	505,519	1,011,038							
LTIP	2/25/13		303,317	1,011,050		11,234	22,468				530,020
Stock Awards	2/25/13					,	,	22,468			1,060,040
Adam R. Kokas								,			-,,
$AIP^{(1)}$		274,922	366,563	733,125							
LTIP ⁽²⁾	2/25/13	•	322,097	644,194							
LTIP	2/25/13		-	•		7,158	14,316				337,714
Stock Awards	2/25/13							14,315			675,382
(1) Represents the range of po	otential cash	n pavouts unde	er the AIP.								

⁽¹⁾ Represents the range of potential cash payouts under the AIP.

⁽²⁾ Represents the grant (under the Incentive Plan) of performance-based long-term cash awards that vest only if certain pre-established performance criteria for the period beginning on January 1, 2013 and ending December 31, 2015 are achieved.

⁽³⁾ Represents the grant (under the Incentive Plan) of performance-based long-term stock awards that vest only if certain pre-established performance criteria for the period beginning on January 1, 2013 and ending December 31, 2015 are achieved.

⁽⁴⁾ Represents award of time-based restricted stock units that vest ratably over a four-year period.

(5) The fair value of the restricted stock units and performance share units shown in the table is based on the closing market price of our Common Stock as of the date of the particular award.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 41

COMPENSATION DISCUSSION AND ANALYSIS

Outstanding Equity Awards at Fiscal Year-End 2013

The table below shows outstanding equity awards for our Named Executive Officers as of December 31, 2013. Market values reflect the closing price of our common stock on the NASDAQ Global Market on December 31, 2013, which was \$41.15 per share.

Name	Number of Securities Underlying Unexercised Options Exercisable (#)	OI Securities	Options	Option Exercise Price (\$)	Option Expiration Date	Number of Shares or Units of Stock That Have Not Vested	Market Value of Shares or Units of Stock That Have Not Vested	Equity Incentive Plan Awards: Number of Unearned Shares, Units or Other Rights That Have Not Vested (#)	Equity Incentive Plan Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$)
Name	(#)	(π)	(#)	(Φ)	Date	(11)	(Ψ)	(π)	(Ψ)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	30,200(1			58.34	6/22/16	10,187 ⁽⁵⁾	419,195	20.005(8)	1 071 741
117'11' T E1	16,827(2))		50.00	6/22/16	15,453(7)	635,891	30,905(8)	1,271,741
William J. Flynn						24,570 ⁽⁹⁾	1,011,056	32,760 ⁽¹⁰⁾	1,348,074
						8,856 ⁽¹¹⁾	364,424	11,808 ⁽¹²⁾	485,899
						54,625(14)	2,247,819	27,313(13)	1,123,930
						4,139 ⁽⁵⁾	170,320	11.005(8)	402 102
John W. Dietrich						5,993(7)	246,612	11,985(8)	493,183
						15,165 ⁽⁹⁾ 22,468 ⁽¹⁴⁾	624,040	20,220(10)	832,053
						739(5)	924,558 30,410	11,234 ⁽¹³⁾	462,279
						1.809 ⁽⁶⁾	74,440		
Spencer Schwartz						3,758 ⁽⁷⁾	154,642	7,515(8)	309,242
Spencer Schwartz						9,663 ⁽⁹⁾	397,632	12.884 ⁽¹⁰⁾	530,177
						14.315 ⁽¹⁴⁾	589,062	7.158 ⁽¹³⁾	294,552
						2,547(5)	104,809	7,130	274,332
						5.993 ⁽⁷⁾	246,612	11,985(8)	493,183
Michael T. Steen						15,165 ⁽⁹⁾	624,040	20,220(10)	832,053
						22,468 ⁽¹⁴⁾	924,558	11,234(13)	462,279
	6.646(3)		45.14	10/9/16	$2.547^{(5)}$	104,809	11,201	.02,279
	2,600(4)			49.17	2/9/14	3,758 ⁽⁷⁾	154,642	7,515(8)	309,242
Adam R. Kokas	_,					9,663 ⁽⁹⁾	397,632	12,884 ⁽¹⁰⁾	530,177

⁽¹⁾ Stock options granted on June 22, 2006, which are now fully vested.

⁽²⁾ Stock options granted on May 23, 2007, which are now fully vested.

 $^{^{\}left(3\right)}$ Stock options granted on October 9, 2006, which are now fully vested.

- (4) Stock options granted on February 9, 2007, which are now fully vested.
- (5) Restricted shares awarded on February 17, 2010 vest 25% ratably on each of February 17, 2011, 2012, 2013 and 2014, with full vesting upon a change in control of the Company.
- (6) Restricted shares awarded on June 18, 2010 vest 25% ratably on each of June 18, 2011, 2012, 2013 and 2014, with full vesting upon a change in control of the Company.
- (7) Restricted share units awarded on February 11, 2011 vest 25% ratably on each of February 11, 2012, 2013, 2014 and 2015, with full vesting upon a change in control of the Company.
- (8) Performance share units awarded on February 11, 2011 vest on attainment of certain pre-established performance criteria during the three-year performance period ended December 31, 2013.
- (9) Restricted share units awarded on February 14, 2012 vest 25% ratably on each of February 11, 2013, 2014, 2015 and 2016, with full vesting upon a change in control of the Company.
- 42 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

- (10) Performance share units awarded on February 14, 2012 vest on attainment of certain pre-established performance criteria during the three-year performance period ended December 31, 2014.
- (11) Restricted share units awarded on June 1, 2012 vest 25% ratably on each of June 1, 2013, 2014, 2015 and 2016, with full vesting upon a change in control of the Company.
- (12) Performance share units awarded on June 1, 2012 vest on attainment of certain pre-established performance criteria during the three-year performance period ended December 31, 2014.
- (13) Performance share units awarded on February 25, 2013 vest on attainment of certain pre-established performance criteria during the three-year performance period ended December 31, 2015.
- (14) Restricted share units awarded on February 25, 2013 vest 25% ratably on each of February 25, 2014, 2015, 2016 and 2017, with full vesting upon a change in control of the Company.

Option Exercises and Stock Vested During Fiscal 2013

The following table provides information relating to stock option activity, as well as stock vesting during fiscal 2013, for each of our Named Executive Officers:

		Awards	Stock Awards			
	Number of Shares Acquired On		Number of	Value Realized		
Name (a)	Exe	on Exercise (c)(\$)	Shares Acquired on Vesting (d)(#)	on Vesting (e)(\$)		
William J. Flynn	(D)(#)	(c)(a)	123,112	5,198,296		
John W. Dietrich			51,036	2,159,540		
Spencer Schwartz			27,448	1,148,643		
Michael T. Steen			33,675	1,434,396		
Adam R. Kokas			30,724	1,298,002		
Nonqualified Deferred Compensation						

As indicated above, the Company maintains the SERP for employees holding the title of Senior Vice President or higher to make eligible employees whole for compensation limits imposed under our 401(k) plan. Under the SERP, a participant is eligible to make elective deferrals and to receive an employer credit equal to 5% of eligible compensation in excess of the limits described in Sections 401(a)(17) and 402(g) of the Code. Employer credits are subject to a vesting requirement during the first three years of eligibility for the plan. Deferrals and employer credits are credited with notional earnings equal to the prime interest rate until distributed on the earliest of (i) the participant becoming disabled, (ii) the participant s separation from service (including death), or (iii) a change in control of the Company.

The table below sets forth the amount of employer contributions made under the SERP to each of our Named Executive Officers during 2013. Each Executive Officer is 100% vested in his aggregate account balance.

Edgar Filing: ATLAS AIR WORLDWIDE HOLDINGS INC - Form DEF 14A

	Executive Contributions in Last Fiscal Year	Registrant Contributions in Last Fiscal Year	Aggregate Earnings in Last Fiscal Year	Aggregate Withdrawals/ Distributions	Aggregate Balance at Last Fiscal Year End
Name (a)	(b)(\$)	(c)(\$) (1)	(d)(\$)	(e)(\$)	$(f)(\$)^{(2)}$
William J. Flynn		81,908	10,578		417,953
John W. Dietrich		44,191	5,276		211,791
Spencer Schwartz		25,171	2,511		104,947
Michael T. Steen		39,837	3,964		165,784
Adam R. Kokas		30,260	3,365		137,151

⁽¹⁾ The amounts reported in this column for each Named Executive Officer are reflected as compensation to such named Executive Officer in the Summary Compensation Table.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 43

⁽²⁾ Exclusive of amounts reported in column c, none of the amounts reported in this column for each Named Executive Officer have been reflected as compensation to such named Executive Officer in the Summary Compensation Table.

COMPENSATION DISCUSSION AND ANALYSIS

Employment Agreements

William J. Flynn. Mr. Flynn s employment agreement was entered into on April 21, 2006 and became effective on June 22, 2006. It was initially amended at year-end 2008 and further amended in 2011. Pursuant to Mr. Flynn s employment agreement, he receives a base annual salary at a rate that is reviewed at least annually and may be adjusted from time to time by our Compensation Committee.

If Mr. Flynn is terminated by the Company for cause, or if he resigns, he is entitled to receive salary earned up to date of termination or resignation. If Mr. Flynn is terminated by the Company without cause, or if he resigns for good reason (as defined in the agreement and discussed in the section headed Payments Upon a Change of Control and Termination of Employment below), he is entitled to (i) an amount equal to two times his then-current annual base salary (one-third of which is payable on the first day of the seventh month following termination of employment (the Lump-Sum Payment Date), with the balance payable in accordance with Atlas normal pay schedule beginning on the Lump-Sum Payment Date and continuing for one year thereafter); (ii) accrued but unused vacation pay; (iii) all vested rights and benefits pursuant to other Company plans and programs; (iv) health and welfare benefits coverage for 12 months (provided that such coverage will cease if Mr. Flynn receives comparable coverage from subsequent employment); and (v) a cash payment under our AIP equal to the lesser of (a) the amount he would have received if he had been employed by AAAWW on the last day of such year (assuming for such purpose that 50% of any individual bonus objectives had been achieved) or (b) his target bonus percentage. Substantially equivalent compensation and benefits are payable in the event of Mr. Flynn s permanent disability (as defined) or his death. If, within 12 months immediately following a change of control (as defined in the agreement and discussed in the section headed Payments Upon a Change of Control and Termination of Employment below), Mr. Flynn s employment is terminated not for cause or if he resigns for good reason, Mr. Flynn is entitled to the same compensation and benefits as described above, except that the amount of the payment to which he would be entitled would be increased from two to three times his then-current annual base salary (one-fourth of which is payable on the Lump-Sum Payment Date, with the balance payable in accordance with Atlas normal pay schedule beginning on the Lump-Sum Payment Date and continuing for 18 months thereafter). Moreover, if, within six months following termination of employment by AAWW for reasons other than cause or by Mr. Flynn for good reason, a change of control occurs, then, in addition to the payment described above, Mr. Flynn would be entitled to an additional amount equal to 12 months of his then current monthly base salary.

Under the terms of his employment agreement, Mr. Flynn is prevented from soliciting or interfering with any of our contracts, client relationships, independent contractors, suppliers, customers, employees or directors for a period of two years following termination of his employment with us. Additionally, for a period of one year following termination of his employment, Mr. Flynn may not accept employment with, or give advice to, any air cargo carrier carrying on a business substantially similar to Atlas.

John W. Dietrich. Mr. Dietrich s employment agreement was amended and restated effective September 15, 2006 and was further amended at year-end 2008 and in 2011. Pursuant to Mr. Dietrich s employment agreement, he receives an annual base salary at a rate that is reviewed and adjusted from time to time by our Compensation Committee. Under the agreement, if Mr. Dietrich is terminated by the Company for cause, or if he resigns for other than good reason, he is entitled to receive salary earned up to the date of termination or resignation. If Mr. Dietrich s employment is terminated without cause, or if Mr. Dietrich resigns for good reason (as defined in his agreement), he is entitled to an amount equal to two times his then current annual base salary, payable in a single lump sum on the Lump-Sum Payment Date, which amount increases to three times his then current annual base salary if his employment is terminated or he resigns for good reason within 12 months immediately following a change of control. Substantially equivalent compensation and benefits are payable in the event of Mr. Dietrich s permanent disability (as defined) or his death. Mr. Dietrich would also be entitled to (i) any accrued but unused vacation pay; (ii) all vested rights and benefits pursuant to our Company plans and programs; (iii) relocation benefits back to the Chicago, IL area; (iv) health and welfare benefits coverage for 12 months (provided such coverage will cease if Mr. Dietrich receives comparable coverage from subsequent employment); and (v) a cash payment under our AIP equal to the lesser of (a) the amount he would have received if he had been employed by AAAWW on the last day of such year (assuming for such purpose that 50% of any individual bonus objectives had

44 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

been achieved) or (b) his target bonus percentage. Moreover, if, within six months following termination of employment by AAWW for reasons other than cause or by Mr. Dietrich for good reason, a change of control occurs, then, in addition to the payment described above, Mr. Dietrich would be entitled to an additional amount equal to 12 months of his then current monthly base salary.

Mr. Dietrich s employment agreement also provides that he will not, for a period of one year following the termination of his employment with us, solicit or interfere with any of our contracts, client relationships, independent contractors, suppliers, customers, employees or directors. Additionally, for a period of one year following termination of his employment, Mr. Dietrich may not accept employment in a non-attorney capacity with, or give non-legal advice to, certain of our major competitors.

Potential Payments Upon Termination or Change of Control

Based on our extensive shareholder outreach and related feedback, beginning in 2014, equity and other long-term incentive awards under our Incentive Plan are subject to double trigger agreements that require a change of control to be accompanied by a qualifying termination of employment in order for any such award to vest and to be paid.

We have several plans that govern payments to our Named Executive Officers in the event of a change of control of the Company, a change in the Named Executive Officer s responsibilities, or a termination of any Named Executive Officer. Each of our AIPs for Senior Executives, the 2007 Incentive Plan (as amended), the 2004 Long-Term Incentive and Share Award Plan (the 2004 LTIP) (or the related equity agreements) and long-term incentive plans and awards includes provisions regarding payments to the Named Executive Officers upon termination of employment or a change of control of the Company. In addition, as detailed above, we have entered into employment agreements with Mr. Flynn and Mr. Dietrich that contain provisions regarding such payments. These employment agreements, as currently in effect, are summarized in the section headed Employment Agreements appearing above. Lastly, our Benefits Program for Executive Vice Presidents and Senior Vice Presidents (the Benefits Program) includes provisions for payments upon termination of employment or a change in control to the extent these items are not covered by an employment agreement or otherwise.

Payments Upon Termination of Employment

Mr. Steen, Mr. Kokas and Mr. Schwartz participate in the Benefits Program pursuant to which they are entitled to accrued but unpaid base salary as of the date of termination in the event of a termination of employment for cause (as defined) or resignation. Payments due to Mr. Flynn and Mr. Dietrich upon termination by the Company, other than for cause or upon resignation for good reason, are described under the section headed Employment Agreements above. If Mr. Steen, and beginning in 2014, Mr. Kokas or Mr. Schwartz, is terminated by the Company without cause (as defined) or if either resigns for good reason (as defined), the affected executive will be entitled to (i) 24 months base salary (payable in accordance with the Company s normal pay schedule) and (ii) health and welfare benefits coverage for 12 months (provided that such coverage will cease if comparable coverage is obtained as a result of subsequent employment) under the Benefits Program. In addition, the affected executive would also be entitled to receive a cash payment under our AIP equal to the lesser of (a) the amount he would have received if he had been employed by AAWW on the last day of such year (assuming for such purpose that 50% of any individual business objectives had been achieved) or (b) his target bonus percentage.

Long-term incentive performance awards granted under the 2007 Plan provide that, in the event of a termination of employment by the Company for a reason other than cause during the three-year performance period of the awards, a pro rata portion of the award will vest, although the shares will not be paid until the completion of the performance period and will be based on actual performance for the three-year performance period.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 45

COMPENSATION DISCUSSION AND ANALYSIS

Payments Upon Death or Disability

Benefits payable in the event of Mr. Flynn's or Mr. Dietrich's permanent disability (as defined) or death are described under. Employment and Other Agreements above. Benefits payable in the event of Mr. Steen's, Mr. Kokas or Mr. Schwartz's death or permanent disability (as defined) are governed by the Benefits Program. Upon the death of the executive while severance payments are being made, his personal representatives will be entitled to the unpaid severance payments described above, and his spouse and covered dependents, if any, shall be entitled to the health and welfare benefits coverage also described above. If the executive semployment is terminated as a result of permanent disability, the affected executive would receive (i) all accrued but unpaid base salary as of the date of termination, (ii) health and welfare benefits coverage for 12 months, and (iii) an additional cash amount equal to 24 months of monthly base salary (payable in accordance with the Company's normal pay schedule).

Long-term incentive performance awards granted under the Incentive Plan provide that, in the event of a termination of employment as a result of death or disability during the three-year performance period of the awards, a pro rata portion of the award will vest although the shares will not be paid until the completion of the performance period and will be based on actual performance for the three-year performance period. Restricted stock unit awards vest in full in the event of the employee s death or disability.

Payments Upon a Change of Control (Without Termination of Employment)

Annual Incentive Program

In the event of a change in control of the Company during the plan year, annual incentive awards made under our Annual Incentive Program for Senior Executives will be determined and paid based on the assumption that the performance metrics have been achieved at the level of target for the plan year in which the change of control takes place; provided, that, if upon completion of the plan year it is determined that the financial metric was achieved at a level higher than target, awards are adjusted upward to reflect actual performance. If a participant s employment with the Company terminates prior to the change in control, the participant forfeits the award, unless the termination is due to death, disability, normal retirement under a retirement program of the Company, by the Company without cause, or by the participant for good reason. A change of control is deemed to occur under the Program when another party (acting alone or with affiliates) beneficially owns 40% or more of our issued and outstanding voting stock.

2007 Incentive Plan (as amended)

All agreements in respect of awards made under the Incentive Plan provide for full and immediate vesting in the event of a change in control of the Company. All long-term incentive performance awards would vest immediately and would be paid out at the maximum rate.

Beginning in 2014, equity and other long-term incentive awards under the Incentive Plan are subject to double trigger agreements that require a change in control to be accompanied by a qualifying termination of employment in order for any such award to vest and to be paid.

2004 Long-Term Incentive and Share Award Plan

Limited long-term incentive awards remain outstanding under our 2004 LTIP. The 2004 LTIP, which applies to grants of equity made prior to the adoption of the 2007 Incentive Plan, includes change of control provisions that are triggered by a merger or consolidation, the sale of a majority of our assets, or shareholders approving a plan of complete liquidation. If one of these change of control events occurs, it would result in the following under the 2004 LTIP:

All stock options become fully vested and exercisable;

All restrictions and other conditions on any restricted stock, units, performance shares or other awards lapse, and such awards become free of all restrictions and fully vested;

All outstanding options, restricted shares and other share based awards will be cashed out for the per share price paid to holders of Common Stock in connection with the change of control (or, if no consideration is paid,

46 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

COMPENSATION DISCUSSION AND ANALYSIS

the fair market value of the stock immediately prior to the change of control), except for incentive stock options, which will be cashed out based on the transactions reported for the date of the change of control; and

Subject to Compensation Committee discretion, any awards of performance shares or units or other awards relating to a period in which the change of control occurs become immediately payable in cash, to be paid pro rata based on achievement of the maximum performance

Payments Upon a Change of Control and Termination of Employment

As summarized below, we have agreements with certain of our Named Executive Officers, which provide for severance benefits in the event of certain terminations of employment following a change of control and execution of a release. These benefits are summarized below. The change of control provisions of the employment agreements with certain of our Named Executive Officers are double-trigger agreements. Mr. Flynn s agreement provides that if, within 12 months immediately following a change of control, his employment is terminated (other than for cause) or he resigns for good reason (as defined below), then Mr. Flynn would receive the following benefits: (i) a cash payment equal to three times his then-current annual base salary; (ii) vesting of all rights under benefit plans and programs; and (iii) health and welfare benefits coverage for 12 months. Mr. Dietrich s agreement provides that if, within 12 months immediately following a change of control, the Company terminates his employment (other than for cause) or he resigns for good reason, then Mr. Dietrich would receive: (i) the payment of an amount equal to three times his annual base salary; (ii) relocation expenses back to Chicago, IL; and (iii) health and welfare benefits coverage for 12 months. If, within six months following termination of employment by AAWW for reasons other than cause or by the affected executive for good reason, a change of control occurs, then the affected executive would be entitled to an additional amount equal to 12 months of his then current monthly base salary.

Under the employment agreements with Mr. Flynn and with Mr. Dietrich and under the Benefits Program, a change of control of AAWW means a change in control as defined in Section 409A of the Code and in the regulations promulgated thereunder. Under current regulations, a change of control is deemed to occur upon (i) the acquisition by any person or group of more than 50% of the total fair market value or total voting power of the Common Stock; (ii) the acquisition by any person or group, during any 12-month period of ownership, of stock possessing 30% or more of the total voting power of the Company; (iii) the replacement of a majority of the membership of the Company s Board of Directors during any 12-month period by directors whose appointment or election is not endorsed by a majority of the Company s then Board of Directors; or (iv) the acquisition by a person or group during any 12-month period of assets from the Company that have a total gross fair market value equal to or more than 40% of the total gross fair market value of all assets of the Company.

Severance payments upon termination of employment following a change of control in respect of Messrs. Steen, Kokas and Schwartz are governed by the Benefits Program. Like the employment agreements described above, the change of control provisions set forth in the Benefits Program are double-trigger in nature. If, within 12 months following a change of control, the executive s employment is terminated without cause or he resigns for good reason, then the affected executive is entitled to an amount equal to three times annual base salary. Continued coverage under AAWW s health and welfare plans would be available for a 12-month period from the date of termination. Moreover, if, within six months following termination of employment by AAWW for reasons other than cause or by Messrs. Steen, Kokas or Schwartz for good reason, a change of control occurs, then, in addition to the payment described above, the affected executives would be entitled to an amount equal to 12 months of his then current monthly base salary.

The term cause as used in the employment agreements and the Benefits Program includes (i) any act of material dishonesty, (ii) failure to comply with the material obligations set out in the applicable agreement within a specified period of time, (iii) a material violation of the Company s corporate policies, or (iv) the conviction or plea of no contest to any misdemeanor of moral turpitude or any felony.

The term good reason means, for Mr. Flynn (i) a reduction in compensation, (ii) a material reduction in title or job responsibilities (including any reduction following a change of control), or (iii) a requirement to relocate the

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 47

COMPENSATION DISCUSSION AND ANALYSIS

executive s primary residence. For Mr. Dietrich, it includes (i) a reduction in base salary or bonus eligibility, or (ii) reduction in job title or responsibilities. For Messrs. Steen, Kokas and Schwartz, it includes (i) a reduction in base salary, (ii) ceasing to hold the title of Executive Vice President, other than through promotion or through reassignment to another job title of comparable responsibility or (iii) any reduction in job responsibilities that diminishes the opportunity to earn the same annual incentive bonus for which he was previously eligible. Set forth below is the amount of compensation that Messrs. Flynn, Dietrich, Steen, Kokas and Schwartz would receive in the event of termination of such executive s employment or a change of control that is incremental to amounts previously earned and accrued by the executive for performance of his duties to the date of termination. The amounts shown assume that such termination or change of control was effective as of December 31, 2013 and are estimates of the amounts that would be paid to the executives upon their termination or upon a change of control. For the equity component of such compensation, the Company used the closing price of AAWW common stock as of December 31, 2013. The actual amounts to be paid can only be determined at the time of such events.

Name	Payments on Termination of Employment Due to Death or Disability*	Payments on Termination of Employment Without Cause*	Payments in Connection with a Change of Control Without Termination of Employment*	Total in Connection with a Change of Control With a Termination of Employment*
William J. Flynn	\$ 10,445,044	\$ 11,480,044	\$ 17,048,751	\$ 20,153,751
John W. Dietrich	4,877,819	5,443,069	7,328,638	9,323,638
Spencer Schwartz	3,269,363	3,715,613	4,709,519	6,284,519
Michael T. Steen	4,596,301	5,089,301	7,144,871	8,884,871
Adam R. Kokas	3,325,526	3,781,976	4,751,882	6,362,882

^{*} The following assumptions were used to calculate these payments:

Termination is not for cause, the executive does not violate his noncompetition or non-solicitation agreements or any other restrictive covenants with us following termination, the executive executes a release, the executive does not receive medical and life insurance coverage from another employer within 12 months of the termination of his employment, the executive does not have any unused vacation time, and the executive does not incur legal fees or relocation expenses requiring reimbursement from us. Additionally, Annual Incentive Plan payments are made at the target level.

Estimated payments were valued based on the closing price of our Common Stock on the NASDAQ Global Market on December 31, 2013, which was \$41.15 per share, multiplied by the number of shares of stock and other equity awards that would be accelerated upon a termination of employment or termination of employment and change of control. See the table entitled Outstanding Equity Awards at Fiscal Year-End 2013 for information regarding unvested equity awards.

48 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

^{**} Does not take into account any reductions for federal excise tax levied on certain excess termination payments under Section 4999 of the Code.

PROPOSAL NO. 2

PROPOSAL NO. 2 RATIFICATION OF PRICEWATERHOUSECOOPERS LLP AS THE COMPANY S INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2014

The Audit Committee has selected PricewaterhouseCoopers LLP (PwC) as the Company s independent registered public accounting firm for the year ending December 31, 2014 and has directed that management submit the selection of that firm to the shareholders for ratification at the Annual Meeting. Representatives from PwC are expected to be present at the Annual Meeting, will have an opportunity to make a statement if they desire to do so, and will be available to respond to appropriate questions.

Shareholder ratification of the selection of PwC as the Company s independent registered public accounting firm is not required by the Company s By-Laws or otherwise. However, we are submitting the selection of PwC to the shareholders for ratification as a matter of good corporate practice. If the shareholders fail to ratify the selection, the Audit Committee will reconsider whether or not to retain PwC. Even if the selection is ratified, the Audit Committee in its discretion may direct the appointment of a different independent registered public accounting firm at any time during the year if it is determined that such a change would be in the best interests of the Company and its shareholders.

For information concerning fees paid to PwC during 2013 and 2012, see Fees to Independent Registered Public Accounting Firm above.

THE BOARD OF DIRECTORS OF THE COMPANY UNANIMOUSLY RECOMMENDS THAT SHAREHOLDERS VOTE FOR THE RATIFICATION OF THE SELECTION OF PRICEWATERHOUSECOOPERS LLP AS THE COMPANY S INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2014.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 49

PROPOSAL NO. 3

PROPOSAL NO. 3 ADVISORY VOTE WITH RESPECT TO THE COMPENSATION

OF OUR NAMED EXECUTIVE OFFICERS

As required by the Dodd-Frank Wall Street Reform and Consumer Protection Act, we are seeking shareholder input on our named executive officer compensation as disclosed in this Proxy Statement, and particularly the Compensation Discussion and Analysis. The Board and the Compensation Committee assess and structure our executive compensation practices with a focus on the industry in which we operate and the marketplace where we compete for executive talent. We seek to compensate each NEO consistently with the principles of pay for performance while providing compensation that attracts and retain the best talent and without excessive risk taking.

Our principal compensation policies, which enable us to attract and retain strong and experienced senior executives and drive long-term company performance, include:

Designing competitive total compensation to enhance our ability to attract and retain knowledgeable and experienced senior executives and to reward them for a very high level of performance;

Establishing meaningful objective performance metrics under our AIP each year at challenging levels;

Providing that exceptional rewards are attained only for exceptional performance;

Providing that time-based equity awards, granted chiefly for retention purposes, are subject to a four-year vesting schedule;

Setting compensation and incentive levels that reflect competitive market practices, reflect the global nature of our business and reward senior executives for significant achievements;

Requiring material stock holdings to align the interests of senior executives with those of our shareholders and prohibiting these persons from hedging, maintaining margin accounts and otherwise engaging in speculative trading activities;

Prohibiting tax gross ups for any change of control payments; and

Prohibiting the grant of excessive perquisites such as the personal use of airplanes, Company-provided auto and/or auto allowances or club dues.

The Board has adopted a policy of providing for annual say-on-pay votes. The next say-on-pay vote will occur at our 2015 annual meeting.

We are asking our shareholders to support our NEO compensation program as described in this Proxy Statement. This is an advisory vote and is not intended to address any specific item of compensation, but rather the overall compensation of our NEOs and the philosophy, policies and practices described in this Proxy Statement. However, the Board and the Compensation Committee will review and consider the voting results when evaluating our executive compensation program.

YOUR BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS A VOTE FOR THIS PROPOSAL.

50 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

STOCK OWNERSHIP

STOCK OWNERSHIP

The following table sets forth, as of April 21, 2014, information regarding beneficial ownership of our Common Stock by:

Each shareholder who is known by us to own beneficially 5% or greater of the Common Stock;

Each Director;

Each of our Named Executive Officers; and

All of our Executive Officers and members of our Board as a group.

Unless otherwise indicated, each shareholder has sole voting and investment power with respect to the shares of Common Stock beneficially owned by that shareholder. The number of shares of Common Stock beneficially owned is determined under rules issued by the SEC. This information is not necessarily indicative of ownership for any other purpose. Under these rules, beneficial ownership includes any shares as to which the individual or entity has sole or shared voting power or investment power and any shares as to which the individual or entity has the right to acquire beneficial ownership within 60 days of April 21, 2014, through the exercise of any stock option or other right. The number of shares of our Common Stock issued and outstanding as of April 21, 2014 was 25,231,133.

Beneficial Ownership Table

Name and Address of Beneficial Owner	Number of shares Beneficially Owned ^(a)	Percentage of Outstanding Shares Beneficially Owned
5% Shareholders:	, and a second	
FMR LLC ^(b)	3,045,427	12.1%
245 Summer Street		
Boston, MA 02210		
BlackRock, Inc. (c)	2,274,765	9.0%
40 East 52 nd Street		
New York, NY 10022		
Snow Capital Management, L.P. (d)	2,095,314	8.3%
2000 Georgetown Drive Suite 200		
Sewickley, PA 15143		
Dimensional Fund Advisors LP ^(e)	1,975,022	7.8%
Palisades West, Building One		
6300 Bee Cave Road		
Austin, TX 78746		
Fisher Asset Management LLC ^(f)	1,723,690	6.8%
5525 NW Fisher Creek Drive		
Camas, WA 98706		
Wellington Management Company, LLP(g)	1,680,925	6.7%

280 Congress Road		
Boston, MA 02210		
Massachusetts Financial Services Company ^(h)	1,639,148	6.5%
111 Huntington Avenue		
Boston, MA 02210		
Harris Associates L.P. ⁽ⁱ⁾	1,598,597	6.3%
2 North LaSalle Street Suite 500		
Chicago, IL 60602		
The Vanguard Group ^(j)	1,451,451	5.8%
100 Vanguard Boulevard		
Malvern, PA 19355		

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 51

STOCK OWNERSHIP

	Number of shares	Percentage of Outstanding Shares Beneficially
Name and Address of Beneficial Owner	Beneficially Owned ^(a)	Owned
Directors:		
Robert F. Agnew	26,131	*
Timothy J. Bernlohr	25,920	*
Eugene I. Davis ^(k)	68,871	*
James S. Gilmore III	30,620	*
Carol B. Hallett	26,620	*
Frederick McCorkle	34,131	*
Duncan J. McNabb	6,052	*
Director and Named Executive Officer:		
William J. Flynn	262,311	1.1%
Other Named Executive Officers:		
John W. Dietrich	36,887	*
Michael T. Steen	55,561	*
Adam R. Kokas	50,360	*
Spencer Schwartz	37,425	*
All directors and executive officers as a group		
(13 persons, including the persons listed above)	664,428	2.6%
* Represents less than 1% of the outstanding shares of Common Stock.	,	

⁽a) For members of the Board of Directors, includes restricted stock units scheduled to vest on May 22, 2014 and June 16, 2014, respectively. For executive officers, includes shares subject to options exercisable within 60 days of April 21, 2014 as follows:

William J. Flynn	47,027
John W. Dietrich	
Michael T. Steen	
Adam R. Kokas	6,646
Spencer Schwartz	

⁽b) This information is based on a Schedule 13G dated April 9, 2014 and filed with the SEC on April 10, 2014. Fidelity Management & Research Company (Fidelity), 245 Summer Street, Boston, MA 02210, a wholly-owned subsidiary of FMR LLC, is the beneficial owner of 2,877,327 shares (11.4%) as a result of acting as investment advisor to various investment companies. Edward C. Johnson 3rd and FMR LLC, through its control of Fidelity, each has sole power to dispose of 2,877,327 shares owned by the fund. Fidelity Select Co., LLC (SelectCo), 1225th Street, Suite 1100, Denver, CO 80202, a wholly-owned subsidiary of FMR LLC, is the beneficial owner of 131,300 shares (0.6%) as a result of acting as investment advisor to various investment companies. Edward C. Johnson 3rd and FMR LLC, through its control of SelectCo and its funds, each has sole power to dispose of 131,300 shares owned by SelectCo. Fidelity Management Trust Company, 245 Summer Street, Boston, MA 02210, a wholly owned subsidiary of FMR, is the beneficial owner of 36,800 shares (0.1%) as a result of acting as investment manager of certain institutional accounts. Edward C. Johnson 3rd and FMR LLC, through its control of Fidelity Management Trust Company, each has sole dispositive power over 36,800 shares and sole power to vote or to direct the voting with respect to 36,800 shares owned by certain institutional accounts maintained at Fidelity Management Trust Company. We have not made any independent determinations as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.

⁽c) This information is based on a Schedule 13G/A dated January 17, 2014 and filed with the SEC on January 28, 2014. As set forth in this filing, BlackRock, Inc. has sole voting power over 2,217,299 shares and sole dispositive power with regard to 2,274,765 shares. We have not made any independent determination as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.

(d) This information is based on a Schedule 13G/A dated February 7, 2014 and filed with the SEC on February 7, 2014. As set forth in this filing, Snow Capital Management, L.P. has sole voting power over 1,877,914 shares and sole dispositive power

52 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

Table of Contents

STOCK OWNERSHIP

with regard to 2,095,314 shares. We have not made any independent determination as to the beneficial ownership of this shareholder and we are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.

- (e) This information is based on Schedule 13G/A dated February 10, 2014 and filed with the SEC on February 10, 2014. As set forth in this filing, Dimensional Fund Advisors LP has sole voting power over 1,922,810 shares and sole dispositive power with regard to 1,975,022 shares. We have not made any independent determination as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.
- (f) This information is based on Form 13F for the quarter ended March 31, 2014 as filed with the SEC on April 22, 2014. As set forth in this filing, Fisher Asset Management LLC has shared dispositive power over 1,723,690 shares and sole voting power over 777,210 shares. We have not made any independent determination as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.
- (g) This information is based on Schedule 13G dated February 14, 2014 and filed with the SEC on February 14, 2014. As set forth in this filing, Wellington Management Company, LLP has sole voting power over 1,254,127 shares and sole dispositive power with regard to 1,680,925 shares. We have not made any independent determination as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.
- (h) This information is based on Schedule 13G dated February 7, 2014 and filed with the SEC on February 7, 2014. As set forth in this filing, Massachusetts Financial Services Company has sole voting power over 1,560,163 shares and sole dispositive power with regard to 1,639,148 shares. We have not made any independent determination as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.
- (i) This information is based on Form 13F for the quarter ended March 31, 2014 as filed with the SEC on April 25, 2014. As set forth in this filing, Harris Associates L.P. has sole voting power and sole dispositive power over 1,561,997 shares may be deemed to beneficially own an additional 36,600 shares by reason of certain advisory and other relationships. We have not made any independent determination as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.
- (i) This information is based on Schedule 13G/A dated February 6, 2014 and filed with the SEC on February 11, 2014. As set forth in this filing, The Vanguard Group has sole voting power over 35,087 shares, sole dispositive power with regard to 1,416,764 shares and shared dispositive power over 34,687 shares. We have not made any independent determination as to the beneficial ownership of this shareholder and are not restricted in any determination we may make by reason of inclusion of such shareholder or their shares in this table.

(k) Mr. Davis is scheduled to retire from the Board of Directors at the time of the Annual Meeting.

Section 16(a) Beneficial Ownership Reporting Compliance

Section 16(a) of the Securities Exchange Act of 1934, as amended (the Exchange Act) requires certain of our executive officers, as well as our Directors and persons who own more than ten percent (10%) of a registered class of AAWW s equity securities, to file reports of ownership and changes in ownership with the SEC. Based solely on our review of the reporting forms received by us or written representations from reporting persons, we believe that during the last fiscal year all executive officers and Directors complied with their filing requirements under Section 16(a) for all reportable transactions during the year.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 53

STOCK OWNERSHIP

Certain Relationships and Related Person Transactions

Our Code of Conduct Applicable to our Chief Executive Officer, Senior Financial Officers and Members of the Board of Directors (the Code of Ethics), which is available on our website at www.atlasair.com under the Corporate Background section, provides that such officers and Directors should follow the guidelines outlined in our Employee Handbook and Code of Conduct and communicate any potential or actual conflicts of interest (however immaterial) to the Chairman of the Board, the Chairman of the Audit Committee of the Board of Directors, and the General Counsel so that an objective, third-party review can be made of the matter. Pursuant to our Audit Committee Charter, which is also available on our website at www.atlasair.com, the Audit Committee reviews reports and disclosures of insider and affiliated party transactions and/or conflicts of interest or potential conflicts of interest involving corporate officers and members of the Board of Directors. The Audit Committee, when appropriate, will also review and approve any involvement of corporate officers and members of the Board of Directors in matters that might constitute a conflict of interest or that may otherwise be required to be disclosed as a related party transaction under SEC regulations. Our Nominating and Governance Committee separately determines Director Independence as summarized in Director Independence above.

54 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

DEADLINE FOR RECEIPT OF SHAREHOLDER PROPOSALS

DEADLINE FOR RECEIPT OF SHAREHOLDER PROPOSALS TO BE PRESENTED

AT THE 2015 ANNUAL MEETING

Shareholder Proposals to Be Included in Our 2015 Proxy Statement

We currently expect to hold our 2015 annual meeting of shareholders on or about May 20, 2015. Under the rules of the SEC, if a shareholder wants us to include a proposal in the proxy statement and form of proxy for presentation at our 2015 annual meeting, the proposal must be received by our Secretary no later than January 15, 2015. All shareholder proposals must be made in writing and addressed to the Secretary, Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, New York 10577.

Advance Notice Procedures

Under our By-Laws, and as permitted by the rules of the SEC, no shareholder nominations of persons for election to the Board of Directors and no other business may be brought before the 2015 annual meeting of shareholders except as specified in the notice of the meeting or otherwise brought before such annual meeting by or at the direction of the Board or by a shareholder entitled to vote who has delivered notice to us (containing certain information specified in our By-Laws) not earlier than February 19, 2015 and not later than March 11, 2015. A copy of the By-Laws will be sent to any shareholder upon written request to the Secretary of AAWW. These requirements are separate and apart from, and in addition to, the SEC s requirements that a shareholder must meet in order to have his or her proposal included in our Proxy Statement as discussed above.

ADDITIONAL COPIES OF ANNUAL REPORT

A copy of our 2013 Annual Report accompanies this Proxy Statement. If any person who was a beneficial owner of Common Stock on the Record Date desires additional copies, such copies may be obtained without charge upon request in writing addressed to the Secretary, Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, New York 10577. Each such copy of our 2013 Annual Report so furnished does not include any exhibits thereto, but is accompanied by a list briefly describing all such exhibits. We will furnish any such exhibit upon written request and upon payment of a reasonable specified fee. The Form 10-K is also available on our website at www.atlasair.com.

ADDITIONAL INFORMATION

Separate Voting Materials

Some banks, brokers and other record holders have begun the practice of householding proxy statements and annual reports. Householding is the term used to describe the practice of delivering a single set of proxy statements and annual reports to a household at which two or more shareholders reside if a company reasonably believes the shareholders are members of the same family. This procedure reduces the volume of duplicate information shareholders receive and also reduces printing and mailing costs. If you participate in householding and wish to continue receiving individual copies of our proxy statement and annual report, please write or call us at the following address or phone number: the Secretary, Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, New York, 10577, (914) 701-8000. We will promptly deliver an additional copy of the proxy and/or the annual report to any shareholder who so requests.

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 55

ADDITIONAL INFORMATION

List of Shareholders

At the Annual Meeting and for 10 days prior to the meeting, the names of shareholders entitled to vote at the Annual Meeting will be available for inspection for any purpose germane to the meeting, between the hours of 9 a.m. and 5 p.m., at our principal executive offices at 2000 Westchester Avenue, Purchase, New York 10577, by contacting the Secretary of AAWW.

Limited Voting by Foreign Owners

To comply with restrictions imposed by federal aviation law on foreign ownership of U.S. airlines, our Certificate of Incorporation and By-Laws restrict foreign ownership of shares of our Common Stock. The restrictions imposed by federal aviation law (49 U.S.C. §41102) currently include a requirement that no more than 25% of our voting stock be owned or controlled, directly or indirectly, by persons who are not Citizens of the United States. There is a separate requirement that we be under the actual control of Citizens of the United States.

Pursuant to our By-Laws, there is a separate stock record, designated the Foreign Stock Record for the registration of Voting Stock that is Beneficially Owned by aliens. Voting Stock means all outstanding shares of our capital stock that we may issue from time to time which, by their terms, may vote. Beneficially Owned refers to owners of our securities who, directly or indirectly, have or share voting power and/or investment power.

At no time will ownership of our shares of Common Stock representing more than the Maximum Percentage be registered in the Foreign Stock Record. Maximum Percentage refers to the maximum percentage of voting power of Voting Stock which may be voted by, or at the direction of, aliens without violating applicable statutory, regulatory or interpretative restrictions or adversely affecting our, Atlas s or Polar s operating certificates or authorities. If we find that the combined voting power of Voting Stock then registered in the Foreign Stock Record exceeds the Maximum Percentage, the registration of such shares will be removed from the Foreign Stock Record sufficient to reduce the combined voting power of the shares so registered to an amount not in excess of the Maximum Percentage.

The enclosed proxy card contains a certification that by signing the proxy card the shareholder certifies that such shareholder is a Citizen of the United States as defined by 49 U.S.C. §40102(a)(15) or that the shares represented by the proxy card have been registered on our Foreign Stock Record.

We will promptly deliver a copy of our By-laws to any shareholder who writes or calls us at the following address or phone number: Attention: the Secretary, Atlas Air Worldwide Holdings, Inc., 2000 Westchester Avenue, Purchase, New York, 10577, (914) 701-8000.

Extent of Incorporation by Reference of Certain Materials

The Audit Committee Report and the Compensation Committee Report on Executive Compensation included in this Proxy Statement do not constitute soliciting materials and should not be deemed filed or incorporated by reference into any other filing made by us under or subject to Regulation 14A or 14C (other than Item 7 to Regulation 14A), or to the liabilities of Section 18 of the Exchange Act, except to the extent we specifically incorporate such reports by reference therein.

56 Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement

OTHER MATTERS

105

OTHER MATTERS

As of the date of this Proxy Statement, we know of no business that will be presented for consideration at the Annual Meeting other than the election of directors, the ratification of the selection of our independent auditors and the advisory vote on Say on Pay, all as described above. If any other matter is properly brought before the Annual Meeting for action by the shareholders, all proxies (in the enclosed form) returned to us will be voted in accordance with the recommendation of the Board of Directors or, in the absence of such a recommendation, in accordance with the judgment of the proxy holder.

IT IS IMPORTANT THAT PROXIES BE RETURNED PROMPTLY AND THAT YOUR SHARES BE REPRESENTED. SHAREHOLDERS ARE URGED TO FILL IN, SIGN AND PROMPTLY RETURN THE ACCOMPANYING FORM OF PROXY IN THE ENCLOSED ENVELOPE.

By Order of the Board of Directors,

WILLIAM J. FLYNN President and Chief Executive Officer

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement 57

EXHIBIT A

Towers Watson Database Aerospace/Defense Automotive and Transportation Industries

Note: The 2013 peer group listed below has been changed in 2014 based on our extensive shareholder outreach and feedback. For 2014 compensation decisions, the Compensation Committee revised the peer group to consist of 20 companies in industries similar to ours and with median revenue size approximately equal to our own. See also Compensation Discussion and Analysis.

Aerojet
Alliant Techsystems
BAE Systems
Bechtel Systems & Infrastructure
Chrysler
CNH
Cooper Standard Automotive
Curtiss-Wright
Daimler Trucks North America
Esterline Technologies
Exelis
Federal-Mogul
Ford
GenCorp
General Atomics
General Dynamics
General Motors
Hexcel
International Automotive Components
L-3 Communications
Navistar International

Nissan North America

Oshkosh			
Rockwell Collins			
Rolls Royce North America			
SAIC			
Spirit AeroSystems			
Toyota Motor Engineering & Manufacturing North America			
United Technologies			
Winnebago Industries			
	Atlas Air Worldwide Holdings, Inc.	2014 Notice & Proxy Statement	A-1

EXHIBIT B

Atlas Air Worldwide Holdings, Inc.

Reconciliation of GAAP to Non-GAAP Measures

(in thousands) (Unaudited)

The Compensation Discussion and Analysis contains certain non-GAAP financial measures to assist in the evaluation of our business performance. These non-GAAP measures include return on invested capital (ROIC) and Free Cash Flow, which exclude certain items. These non-GAAP measures may not be comparable to similarly titled measures used by other companies and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with accounting principles generally accepted in the United States of America.

Our management uses these non-GAAP financial measures in assessing the performance of the Company s ongoing operations. We believe that these adjusted measures provide meaningful information to assist investors and analysts in understanding our financial results and assessing our prospects for future performance.

We calculate ROIC as cumulative operating income after cash taxes paid (NOPAT) divided by average capital over the years presented (Average Capital).

	2013	2012	2011	2010	
NOPAT	2010		2011	2010	
Operating Income	\$ 186,790	\$ 226,491	\$ 151,100	\$ 227,886	
Income tax expense	(23,833)	(75,561)	(60,680)	(90,154)	
Deferred taxes	22,856	75,365	81,616	62,962	
NOPAT	185,813	\$ 226,295	\$ 172,036	\$ 200,694	
Four-Year Cumulative NOPAT	\$ 784,838				
	2013	2012	2011	2010	2009
Average Capital					
Total equity	\$ 1,322,125	\$ 1,288,104	\$ 1,141,375	\$ 1,050,090	\$ 888,757
Short-term and Long-term Debt	1,696,625	1,304,042	750,016	487,233	565,510
Less:					
Cash and cash equivalents, and Restricted cash	(328,307)	(409,763)	(187,111)	(588,852)	(613,740
Purchase deposits for flight equipment		(147,946)	(407,184)	(336,969)	(296,658
Short-term and Long-term investments and accrued interest	(141,171)	(150,617)	(143,832)	(133,305)	(41,578
Total Capital	\$ 2,549,272	\$ 1,883,820	\$ 1,153,264	\$ 478,197	\$ 502,291
Average Capital	\$ 1,313,369				
Four-Year ROIC	59.8%				

We calculate Free Cash Flow as Net Cash Provided by Operating Activities minus Capital expenditures, excluding the purchase of flight equipment, and Capitalized interest.

	2013	2009	Compound Annual Growth Rate
Net Cash Provided by Operating Activities	\$ 305,000	\$ 214,573	
Less: Capital expenditures, excluding the purchase of flight equipment	(29,531)	(30,188)	

 Capitalized interest
 (2,350)
 (12,215)

 Free Cash Flow
 \$ 273,119
 \$ 172,170
 12.2%

Atlas Air Worldwide Holdings, Inc. 2014 Notice & Proxy Statement B-1

Using a <u>black ink</u> pen, mark your votes with an X as shown in this example. Please do not write outside the designated areas.

X

PLEASE FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE.

A Proposals The Board of Directors recommends a vote FOR all the nominees listed and FOR Proposals 2 and 3.

1. Election of Directors: 01 - Robert F. Agnew

01 - Robert F. Agnew 02 - Timothy J. Bernlohr 03 - William J. Flynn 04 - James S. Gilmore III

03 - William J. Flynn 05 - Carol B. Hallett

06 - Frederick McCorkle

07 - Duncan J. McNabb

Mark here to vote Mark here to

WITHHOLD

FOR all nominees

vote from all nominees

For All EXCEPT - To withhold authority to vote for any nominee(s), write the name(s) of such nominee(s) below.

2. Ratification of the selection of PricewaterhouseCoopers LLP as the Company s independent auditors.

For Against Abstain

3. Advisory vote to approve Named Executive Officer compensation.

For Against Abstain

B Non-Voting Items

Change of Address Please print your new address below. Comments Please print your comments below.

Meeting Attendance
Mark the box to the right
if you plan to attend the
Annual Meeting.

C Authorized Signatures This section must be completed for your vote to be counted. Date and Sign Below

Please sign exactly as name appears on this Proxy. Joint owners each should sign. When signing as attorney, executor, administrator, trustee or guardian, please give the full title. If signing in the name of a Corporation or partnership, please sign full corporate or partnership name and indicate title of authorized signatory.

Date (mm/dd/yyyy) Please print date below. Signature 1 Please keep signature within the box. Signature 2 Please keep signature within the box.

/ /

01TJTB

PLEASE FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE.

Proxy Atlas Air Worldwide Holdings, Inc.

2000 Westchester Avenue, Purchase, NY 10577

Proxy for the Annual Meeting of Shareholders June 16, 2014

SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned appoints Adam R. Kokas, Spencer Schwartz, and Michael W. Borkowski, and each of them, with full power of substitution in each, as proxies and authorizes them to vote all shares of common stock that the undersigned is entitled to vote at the Annual Meeting of Shareholders of Atlas Air Worldwide Holdings, Inc., to be held at our corporate headquarters located at 2000 Westchester Avenue, Purchase, NY 10577 on Monday, June 16, 2014 at 10:00 a.m., local time, and at any adjournment or postponement of the meeting, as indicated below.

Please date, sign and return this proxy promptly. This Proxy, when properly executed and returned, will be voted in the manner directed herein by the undersigned stockholder. If no direction is given, this Proxy will be voted **FOR** the election as directors of all of the nominees listed on the reverse side, **FOR** the ratification of the selection of PricewaterhouseCoopers LLP as the Company s independent auditors and **FOR** the advisory vote to approve Named Executive Officer compensation, all as described in the Proxy Statement. The undersigned authorizes the Proxies to vote, in their discretion, upon any other matters as may properly come before the Annual Meeting.

If you plan to attend the meeting, please indicate in the space provided on the reverse side.

The Board of Directors recommends a vote **FOR** the election as directors of the persons named in proposal 1, **FOR** the ratification of the selection of PricewaterhouseCoopers LLP as the Company s independent auditors as set forth in proposal 2 and **FOR** the advisory vote to approve Named Executive Officer compensation as set forth in proposal 3.

IMPORTANT: TO BE SIGNED AND DATED ON THE REVERSE SIDE

Certification:

Pursuant to federal law and Atlas Air Worldwide Holdings, Inc. s certificate of incorporation and by-laws, voting stock is subject to certain foreign ownership restrictions. By signing on the reverse side, you represent that (1) you are a United States citizen as that term is defined by federal aviation law, or (2) the shares of stock represented by this Proxy have been registered on the foreign stock record of the Company, as provided in the by-laws.