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Chief Financial Officer

**MAC**

Minneapolis/St. Paul, Minnesota  
Metropolitan Airports Commission

**Comprehensive Annual Financial Report**

Years Ended December 31, 2017 and 2016



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# Our Vision

*Providing your best airport experience*

# Our Mission

*Connecting you to your world*

# MAC

Minneapolis/St. Paul, Minnesota  
Metropolitan Airports Commission

## **Comprehensive Annual Financial Report**

Years Ended December 31, 2017 and 2016



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# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

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# Introductory Section

# MAC

Minneapolis/St. Paul, Minnesota  
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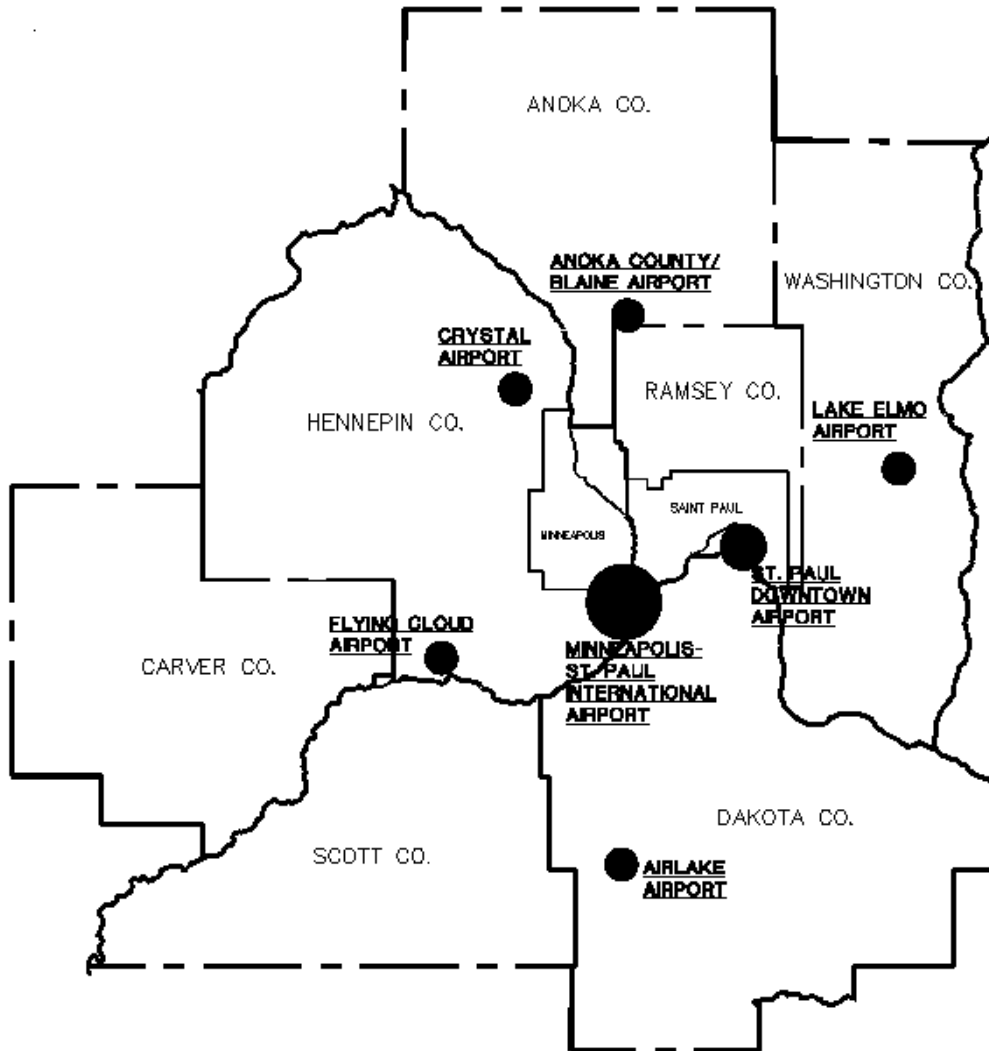
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MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

AIRPORT LOCATIONS

Introductory Section



Commission Jurisdiction 35 Mile Radius

**Introductory Section**

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**METROPOLITAN AIRPORTS COMMISSION**

***Chair:*** Daniel Boivin

***Commissioners:***

District A Carl Crimmins

District B Rick King

District C Katie Clark Sieben

District D Steve Cramer

District E James Deal

District F Michael Madigan

District G Richard Ginsberg

District H Ibrahim Mohamed

City of Minneapolis Lili Fatehi

City of Saint Paul Melvin Carter

Representing Greater  
Minnesota Area  
Randy Schubring  
Patti Gartland  
Donald Monaco  
Dixie Hoard

The Chair and Commissioners collectively are an appointed body which governs the Metropolitan Airports Commission. The Commissioners are, in effect, the board of directors for this public corporation.

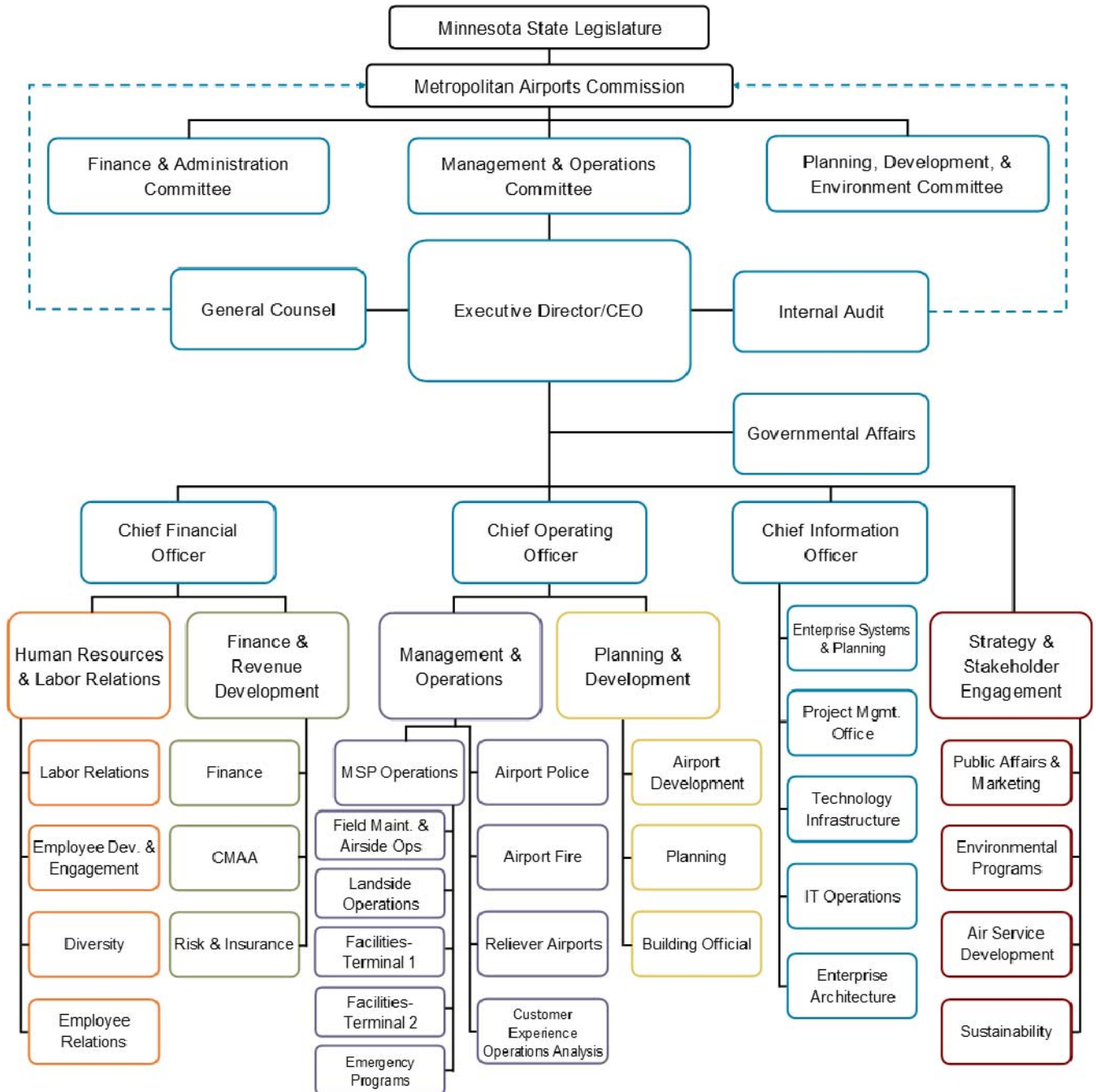
***Executive Director/CEO:*** Brian Ryks

The Executive Director/CEO is appointed by and responsible to the Commissioners. He is responsible for transforming the Commissioners' policy guidance into practical results that benefit airport users, specifically, and the citizens of Minnesota, generally.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## ORGANIZATION CHART

### Introductory Section



# METROPOLITAN AIRPORTS COMMISSION

Minneapolis–Saint Paul International Airport

6040 - 28th Avenue South • Minneapolis, MN 55450-2799  
Phone (612) 726-8100 • Fax (612) 725-6353

OFFICE OF EXECUTIVE DIRECTOR

May 21, 2018

To The Commissioners  
of the Metropolitan Airports Commission  
and to its Stakeholders:

We are pleased to present the Comprehensive Annual Financial Report (CAFR) of the Metropolitan Airports Commission, Minneapolis-St. Paul, Minnesota, for the fiscal years ended December 31, 2017 and 2016.

### ***Management's Responsibility:***

We, the management of the Metropolitan Airports Commission (Commission or MAC), are responsible for the accuracy of the reported data, for its completeness, and for the fairness of its presentation. To the best of our knowledge and belief, the data in the enclosed report are accurate in all material respects. We believe the report presents fairly the financial position, results of operations, and changes in net position and cash flows of the Commission in accordance with accounting principles generally accepted in the United States of America (GAAP). All disclosures necessary to help the reader understand the Commission's financial activities are included in the report.

To provide a reasonable basis to make the representations (above), we have established a comprehensive system of internal controls to ensure:

- Effectiveness and efficiency of operations
- Reliability of financial reporting
- Compliance with all applicable laws, regulations, contracts and grants

Because the cost of internal controls should not exceed their benefits, internal controls can provide only reasonable—not absolute—assurance that the MAC is achieving its objectives.

### ***Independent Audit:***

In accordance with Minnesota State Law, the Minnesota Office of the Legislative Auditor may conduct a financial audit of the MAC or allow this service to be contracted. In addition, the Legislative Auditor periodically conducts a separate audit to examine the Commission's compliance with applicable laws, policies and procedures.

For the years ended December 31, 2017 and 2016, the annual financial statements of the MAC have been audited by BKD, LLP, a firm of independent Certified Public Accountants. BKD's opinion on the financial statements is presented in this report.

Also, as part of the annual audit, BKD performs procedures in accordance with the Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Finally, the auditors perform procedures in accordance with the *Passenger Facility Charge Audit Guide for Public Agencies* to audit the MAC's compliance with the FAA regulations in relation to passenger facility charge (PFC) revenues and expenses. The resulting reports are intended for the use of the MAC and the FAA and have not been included in this report.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## LETTER OF TRANSMITTAL

### Introductory Section

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#### THE COMMISSION:

##### ***Purpose:***

The Minnesota State Legislature created the MAC in 1943 as an independent public corporation. Its legislative Statute (Minnesota Laws, 1943, Chapter 500) charges the Commission to:

- Promote the public welfare and national security;
- Serve the public interest, convenience and necessity;
- Promote air navigation and transportation, (international, national and local);
- Increase air commerce and promote the efficient, safe and economical handling of such commerce; and,
- Develop the full potentialities of the metropolitan area as an aviation center.

With the growth of air commerce since 1943, the MAC has also assumed responsibilities to:

- Minimize the environmental impact from air navigation and transportation;
- Promote the overall goals of the state's environmental policies; and
- Minimize the public's exposure to noise and safety hazards around airports.

##### ***Powers:***

As a *corporation*, the MAC has all the normal business rights and powers necessary to fulfill its mission to acquire, build and operate a system of airports. For example, the Commission can:

- Acquire and hold title to real estate;
- Enter into contracts and hire employees;
- Sue and be sued.

As a *public* corporation, the MAC has powers beyond those of a normal business. For example, the Commission can:

- Issue tax-exempt debt;
- Adopt ordinances, enforce them through its police powers, and acquire property through eminent domain;
- Levy taxes on real property in the Metropolitan Area for general obligation debt service or to meet operations and maintenance costs of airport facilities.

Notably, the Commission has not levied a local tax since 1969. Currently, the MAC has no need or intention to levy taxes. Rather, the Commission operates as an entirely self-funded organization similar to a private business.

##### ***Governance:***

The MAC's governing board (Commission) consists of fifteen Commissioners who are appointed for fixed terms of office. The mayors of St. Paul and Minneapolis have permanent seats on the Commission but can appoint delegates to fill the positions. The Governor appoints the Chairperson and twelve Commissioners: eight from designated districts within the Metropolitan Area and four Commissioners to represent the Greater Minnesota Area (i.e., outside the Metropolitan Area). As the "board of directors" of the public corporation, the Commissioners represent the interests of the "owners" of the Commission, which is to say the Commissioners represent "the public's interest".

The Chairperson may be from anywhere in the State. Only the Chairperson can be removed before his or her term expires. Governor Mark Dayton appointed Mr. Daniel Boivin chair of the Commission in February 2011 and reappointed him in 2015. Prior to this, Boivin served as the mayor of Minneapolis' appointee to the board beginning in May 2002. As a MAC commissioner, Boivin chaired the Human Resources and Affirmative Action Committee.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## LETTER OF TRANSMITTAL

### Introductory Section

In addition to serving as Chair of the Commission, he is an executive with Energy Management Collaborative, a national turnkey lighting solutions provider specializing in energy audits, lighting retrofits and maintenance services. Mr. Boivin served from 2008 to 2015 as the Executive Vice-President, Chief Legal Officer and General Counsel for SeeChange Health, a value-based health insurance and technology company. Previously, he served as attorney and partner with the Meshbeshier & Spence law firm. Mr. Boivin served as the chair of the Minnesota Bar Association Civil Litigation Section, and has provided pro bono legal representation and acted as a volunteer judge for the Minnesota State High School Mock Trial Tournament. He is a graduate of the University of Wisconsin-Madison and Hamline Law School.

The board appoints the Executive Director/CEO who serves at the pleasure of the Commission and is the “chief executive” of the MAC. The Executive Director/CEO is accountable for meeting all the Commission’s expectations for organizational performance.

Brian D. Ryks was appointed Executive Director/Chief Executive Officer of the Commission in May 2016. Prior to this appointment, he was the Executive Director/CEO of the Gerald R. Ford International Airport in Grand Rapids, Michigan. Between 2002 and 2012, Mr. Ryks was the Executive Director at the Duluth Airport Authority overseeing the Duluth International Airport and Sky Harbor Airport, a general aviation airport, both located in Duluth, Minnesota. During his ten years in Duluth, he oversaw the completion of \$135 million in airport improvements, culminating with a \$77 million new terminal project. Prior to arriving in Duluth, Mr. Ryks was employed for five years as the Airport Manager at St. Cloud Regional Airport (1997-2002) and two years as the Airport Manager in Aberdeen, South Dakota (1996-1997). Mr. Ryks spent six years in Denver as the Manager of Noise Abatement at Stapleton and Denver International Airports (1990-1996). He also was the Project Manager for the development and installation of an Airport Noise and Operations Monitoring System at the Denver International Airport. He began his career as a Noise Technician at the Commission in 1986. Mr. Ryks holds a Bachelor of Arts degree from St. Cloud State University, is a licensed pilot with an instrument rating and is also an Accredited Airport Executive with the American Association of Airport Executives (“AAAE”). He currently serves on the Board of Directors for Airports Council International (“ACI”). He also holds a professional affiliation with the Great Lakes Chapter of AAAE (“GL-AAAE”) and is Past President of GL-AAAE.

#### ***Jurisdiction and Facilities:***

The Commission’s geographic jurisdiction extends throughout the Minneapolis-St. Paul Metropolitan Area radiating 35 miles from Minneapolis’ and St. Paul’s city halls. It encompasses Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington Counties.

The Commission owns and operates seven airports in the Metropolitan Area. Minneapolis-St. Paul International Airport (MSP) serves as the primary air carrier facility. MSP is one of the highest activity airports in the United States: it is the 16<sup>th</sup> largest among U.S. airports based on the number of operations (takeoffs or landings) and 17<sup>th</sup> largest based on passenger volume. The following reliever airports complement MSP to serve general aviation needs:

St. Paul Downtown Airport	Airlake Airport	Anoka County/Blaine Airport
Crystal Airport	Flying Cloud Airport	Lake Elmo Airport

- Airlake, Anoka County/Blaine, Crystal, Flying Cloud, and Lake Elmo are classified as minor use airports.
- Control towers are operational at St. Paul, Crystal, Anoka County/Blaine and Flying Cloud Airports.
- The St. Paul Downtown Airport serves as the primary corporate reliever and is classified as an intermediate airport.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## LETTER OF TRANSMITTAL

### Introductory Section

The Commission provides a variety of services at each of its airports. At MSP, the Commission is responsible for providing buildings and facilities for air carrier activity as well as police, fire protection, maintenance, administrative and planning services, and other related services and facilities that are deemed to be necessary.

#### SIGNIFICANT ACCOUNTING AND BUDGETING CONVENTIONS:

The Commission is a stand-alone unit of government and operates as a self-supporting business. Therefore, the net position reported in the Commission's financial statements measure "total economic resources" (as opposed to the "current financial resources" focus employed by general-purpose governments). Consistent with its measurement focus, the MAC accounts for transactions on the full accrual basis in which revenues and expenses are recognized when they are incurred regardless of the timing of related cash receipts or disbursements. All of the Commission's financial activities are organized and accounted for within one "enterprise fund", which includes "accounts" for operations, debt service and capital investment.

As is the case at most governments and businesses, the budget is a critically important management tool for the MAC. The process of identifying and funding priorities begins in April of each year and concludes in December with formal adoption of the budget by the Commissioners. Managers review their budgets continuously and adjust for changing business conditions. The board of Commissioners reviews budget variance reports monthly throughout the year.

Because it is a public entity and has the authority to levy taxes (even though it does not exercise this authority), the MAC is required by State Statute (Ch. 275) to publicly adopt its budget. However, the MAC's budget is not legally appropriated. Because the budget is not legally appropriated, budgetary data are not included in the MAC's basic financial statements.

#### ACTIVITY HIGHLIGHTS

MSP is classified by the FAA to be one of the large hub airports in the United States. According to Airports Council International (ACI) statistics, in calendar year 2016, MSP was the 17th busiest airport in the United States in terms of passenger volume, 16th in terms of takeoffs and landings and 27th in cargo traffic.

In 2017, a new record of approximately 38,000,000 passengers passed through MSP; a 1.3% increase in total passengers over 2016 levels. The top five carriers serving MSP in 2017 by enplaned

passengers are shown in the accompanying table. Enplaned revenue passengers (including those connecting) at MSP in 2017 totaled 18,385,154. (Totals may differ from the passenger statistics reported by the air carriers to the Department of Transportation).

	<b>Carrier</b>	<b>Total Enplaned Revenue Passengers</b>	<b>% of Total Enplaned Revenue Passengers</b>
1	Delta	9,787,444	53.2%
2	Skywest	1,706,393	9.3%
3	Sun County	1,213,114	6.6%
4	Southwest	1,028,051	5.6%
5	American	1,027,450	5.6%
		<u>14,762,452</u>	<u>80.3%</u>

Skywest is a codeshare with Delta.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## LETTER OF TRANSMITTAL

### Introductory Section

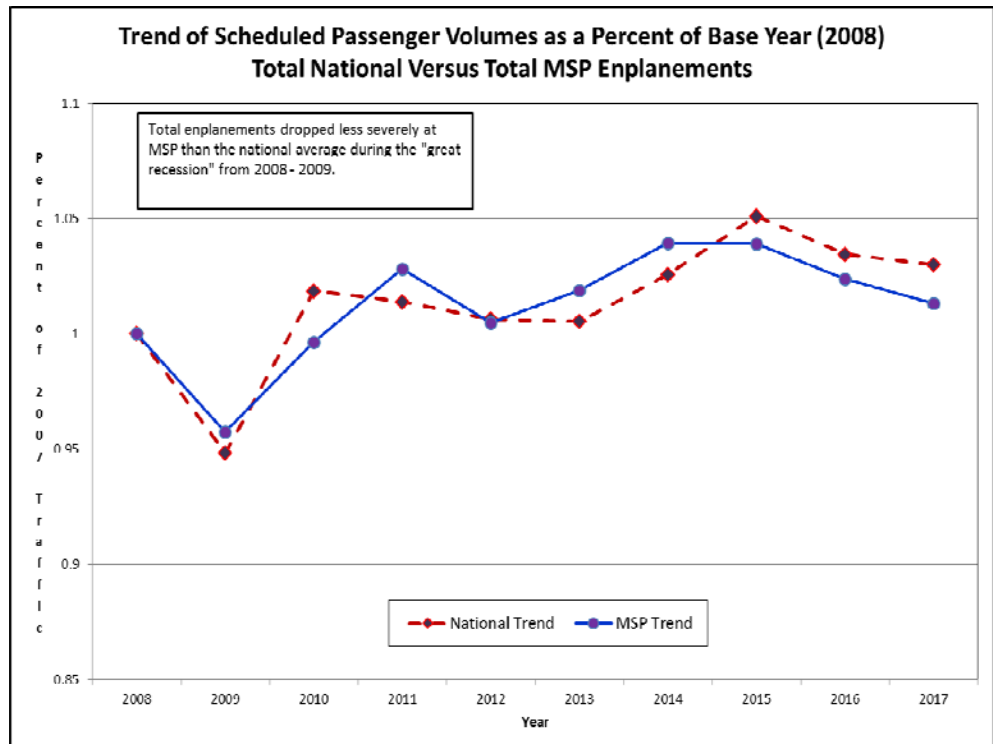
#### FACTORS AFFECTING THE MAC's FINANCIAL CONDITION:

##### *Demand for Air Transportation*

The Aircraft Aerodynamics and Design Group at Stanford University note that the role of air transport "... is central to the globalization taking place in many other industries." Air transport is riding the long-term trend of globalization because it facilitates economic growth, world trade, investment and tourism.

However, the air transportation industry and, specifically, the air travel segment of the industry, are highly sensitive to the general level of economic output. Demand for air travel is highly elastic primarily due to its vulnerability to substitutes like bus, train, or automobile travel—or, the choice not to travel at all.

External events can significantly affect the supply and demand for airline services; events such as the 9/11 terror attacks and the large increase in petroleum (and, therefore, jet fuel) prices between 2005 and mid-2008 and the "great recession" that began in 2008. The accompanying chart of Bureau of Transportation Statistics (BTS) data on airline passengers paints a picture of the industry's volatility.



##### Demand for Origination and Destination Traffic (O&D) at MSP:

A number of regional economic factors create strong demand for travel air traffic to and from the Twin Cities metropolitan area.

- Size: Minnesota is the 22<sup>st</sup> most populous State in the U.S. The Twin Cities metropolitan area is the 16<sup>th</sup> most populous metropolitan area in the nation.



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

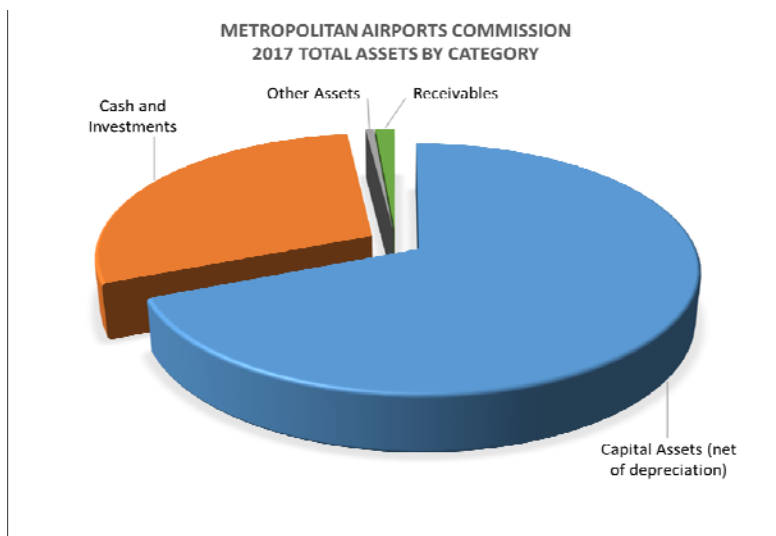
## LETTER OF TRANSMITTAL

### Introductory Section

- Economic Strength and Diversity:
  - ✓ Minnesota is headquarters to 18 Fortune 500 companies, which places it tenth among the 50 States in terms of numbers of Fortune 500 firms headquartered within the State on a per-capita basis.
  - ✓ Minnesota is headquarters to 8 of the 223 largest private companies including the largest privately held company in the United States: the Cargill Corporation.
  - ✓ Minneapolis Metropolitan Statistical Area has the seventh largest concentration of Fortune 500 company headquarters among cities in the United States, and is first among the 30 largest metropolitan areas on a per-capita basis.
- High per capita income:
  - ✓ The Bureau of Economic Analysis reports that the Twin Cities average per capita income is approximately 15% higher than the national average.
- Stronger than National Average Growth in Population and Employment:
  - ✓ The Metropolitan Council, a regional planning organization for the eleven-county area including the Twin Cities, projects average annual population growth of 1.0% through 2040 versus the Census Bureau's projected national population growth rate of 0.7%.
  - ✓ The Metropolitan Council foresees a 1.1% annual average growth rate for Twin Cities area employment growth through 2040 versus the Bureau of Labor Statistics' projected growth in national employment of 1.0%.

### Demand for Connecting Traffic:

Traffic at MSP is split 60/40 between O&D and connecting traffic. The strong demand for O&D traffic from MSP can be leveraged by tenant airlines to fill their planes by scheduling connecting flights through the airport. Historically, MSP was the “home-town” hub for the former Northwest Airlines, which had its headquarters in Eagan, Minnesota. After the merger of Northwest and Delta, the headquarters of the combined company was located in Atlanta. Although no longer the home-town company, Delta has made significant commitments to MSP. For example, Delta elected to extend its airline lease agreement with the MAC through December 31, 2020. In addition, Delta made a significant commitment to MSP in signing a “hub covenant”. In its hub covenant, Delta agreed to maintain an annual average of 400 daily departing flights from MSP, at least 250 of which must be aircraft with greater than 70 seats and that a minimum of 30% of enplaned passengers must be connecting.



### **Supplying the Demand:**

Airports are “landlords”—they build, own, maintain, and rent facilities and related services. Because an airport’s main job is to provide runways, terminals, etc., it is a capital-intensive business. The MAC’s statement of net position is dominated by capital assets which, at approximately \$2,600,000,000 (net of depreciation), represent more than two-thirds of the Commission’s total assets. Constructing, maintaining, and improving our capital assets is critical to meeting the demand of our customers.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## LETTER OF TRANSMITTAL

### Introductory Section

During 2017, the Commission expended \$254,000,000 on its on-going Capital Improvement Program (CIP). Approximately \$5,000,000 was associated with various airfield and runway projects. Approximately \$119,000,000 was related to Terminal 1-Lindbergh projects. Projects at Terminal 1-Lindbergh include vertical circulation improvements, Concourse A to G connector improvements, and HVAC/AHU replacements. Approximately \$116,000,000 was mainly spent on site preparation, roadway work and buildings for a new parking ramp at Terminal 1-Lindbergh, with the remaining spent on other various landside/parking projects. Approximately \$10,000,000 was spent on the Commission's reliever airport system. The remaining \$4,000,000 was spent primarily for noise mitigation and other building improvements. Average monthly capital spending in 2017 was approximately \$21,200,000.

The 2018 -19 CIP includes approximately \$454,925,000 of planned projects, as set forth in the accompanying table. CIPs are revised from time to time and additional projects could be added to the 2018 -19 CIP.

Projects 2018 - 2019	2018 planned construction	2019 planned construction
Terminal-1 Rehabilitation & Repair	\$58,305,000	\$40,620,000
Terminal-1 Tenant Projects	22,700,000	6,400,000
Terminal-1 Expansion/Remodeling	92,100,000	91,600,000
Hangers and Other Buildings	7,500,000	9,700,000
Energy Management Center	2,500,000	1,500,000
Environmental	1,500,000	1,800,000
Parking Facilities	3,300,000	20,850,000
Airfield and Runway Rehabilitation Program	10,900,000	15,250,000
Terminal-2 Flooring and Automated Security		4,700,000
Consolidated Loading Dock Facility	10,000,000	
Noise Mitigation Program	6,500,000	11,500,000
Police & Fire	7,200,000	3,500,000
Reliever Airports Program	5,600,000	18,400,000
Other	600,000	400,000
<b>Total</b>	<b>\$228,705,000</b>	<b>\$226,220,000</b>

### ***Financing the Supply***

Capital grants, PFC's and long-term debt are

the principal sources of funding of the Capital Improvement Program. Like a home mortgage, long-term debt bridges the difference between the time when cash is needed (up front) to pay for large capital outlays and the time the Commission collects its revenues. The MAC repays its debts over time through annual revenues. The Commission's principal revenues include use charges to the airlines, concession fees from vendors in the terminal buildings, facility rentals, and the sale of utilities.

Under its Master Indenture, the MAC has promised to maintain a debt service coverage ratio of 1.25 times the following year's scheduled payments. In July 2008, the Board of Commissioners directed that the MAC increase its debt service coverage above the contractual obligation to 1.4 times annual debt service for its Senior General Obligation Revenue Bonds (GORBs) and Senior General Airport Revenue Bonds (GARBs)—(see Note F to the financial statements). The MAC exceeded the July 2008 requirement. As of December 31, 2017, projected debt coverage on Senior Debt obligations is approximately 4.8 times scheduled payments.

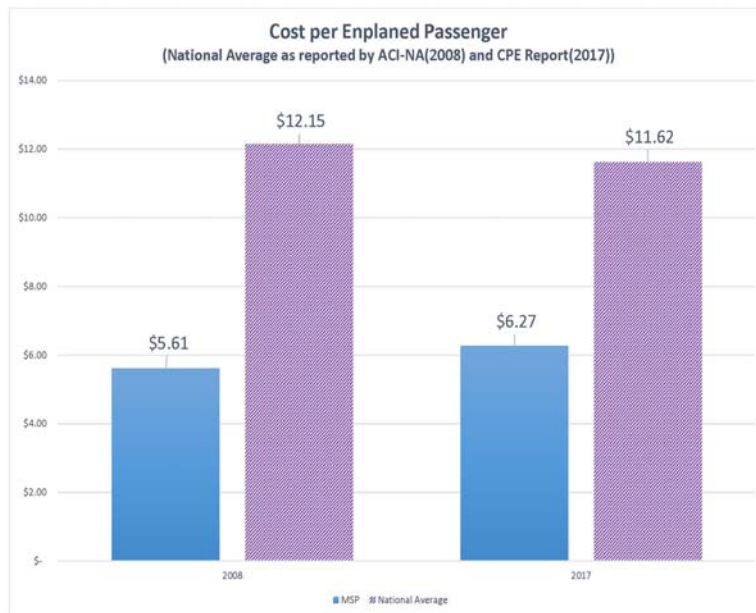
# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## LETTER OF TRANSMITTAL

### Introductory Section

At year-end 2017, the MAC had long-term debt (including the currently payable portion) of approximately \$1,600,000,000 supporting approximately \$2,600,000,000 of capital assets as discussed above (also see notes E and F to the financial statements). Despite its significant debt, the MAC is highly liquid. Also at year-end 2017, the MAC had cash and investments totaling more than \$1,100,000,000 and has continued to maintain strong debt service coverage ratios (currently at 4.8). The MAC's conservative financial practices have been rewarded with AA- debt rating on its senior debt (the second highest rating given to any airport debt) by both the Standard and Poor's and Fitch rating agencies. High bond ratings reduce borrowing costs to the MAC and, therefore, help moderate the cost per enplaned passenger incurred by the airlines operating at MSP. In addition, high bond ratings ensure access to capital markets. Access to capital ensures that customers can depend on finding the high quality runways, terminals and other capital assets at the MAC's airports in good repair.

Because of the Commission's conservative financial practices, the cost to airlines of enplaning passengers at MSP is significantly lower than the national average. Because of inconsistencies in methods of calculating the cost per enplanement, it is difficult to have fully comparable statistics. However, recently reported comparative data from a S&P Global Ratings report shows the cost to airlines of enplaning passengers at MSP to be significantly cheaper than the national average of large hub airports. This makes MSP a profitable venue for client airlines.



The MAC board, management and employees are guided by our Strategic Plan to provide the highest quality facilities at the lowest life-cycle cost for the benefit of our customers. The MAC and its airports are well positioned to meet the demands of airlines and air-travelers for safe, efficient and reliable facilities for years to come.

### MANAGEMENT'S DISCUSSION AND ANALYSIS:

Management is required by GAAP to provide a narrative introductory overview and analysis in the form of a "Management's Discussion and Analysis" (MD&A) to accompany the financial statements. The MD&A follows the independent auditor's report. The MD&A has greater scope, more detail, and is a more substantive discussion of issues mentioned in this transmittal. Users of the financial statements should read the MD&A in conjunction with this letter.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## LETTER OF TRANSMITTAL

### Introductory Section

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#### **AWARDS:**

The Government Finance Officers Association of the United States and Canada (GFOA) awarded the Certificate of Achievement for Excellence in Financial Reporting to the MAC for its Comprehensive Annual Financial Report for the year ended December 31, 2016. The Commission has received this prestigious GFOA award for 32 consecutive years.

In order to be awarded a Certificate, which is valid for one year, a governmental unit must publish an easily readable and efficiently organized report, the contents of which conform to the program's standards. Such report must satisfy both accounting principles generally accepted in the United States of America and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current Comprehensive Annual Financial Report continues to meet the Certificate of Achievement Program's requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

The Commission also received for the 32<sup>nd</sup> consecutive year the GFOA Award for Distinguished Budget Presentation for its Annual Operating Budget for 2017. In order to qualify for the Distinguished Budget Presentation, the Commission's budget document was judged to be proficient in several categories, including policy documentation, financial planning and organization.

#### **ACKNOWLEDGEMENTS:**

We wish to convey our sincere appreciation to the many MAC employees from all of its departments who participate in the Commission's fiscal management on a daily basis and have contributed to the financial results reported in the following financial statements.

In addition, we would like to express our appreciation for the leadership and support of the Board of Commissioners and for their sincere interest in operating the MAC in a sound financial manner.

Respectfully,

Respectfully,



Brian D. Ryks  
Executive Director/CEO



Stephen L. Busch  
Chief Financial Officer



Robert C. Schauer  
Director of Finance

CERTIFICATE OF ACHIEVEMENT

Introductory Section

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Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting

Presented to

**Minneapolis-St. Paul  
Metropolitan Airports Commission  
Minnesota**

For its Comprehensive Annual  
Financial Report  
for the Fiscal Year Ended

**December 31, 2016**

*Christopher P. Morill*

Executive Director/CEO

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# Financial Section

# MAC

Minneapolis/St. Paul, Minnesota  
Metropolitan Airports Commission

## **Comprehensive Annual Financial Report**

Years Ended December 31, 2017 and 2016



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## Independent Auditor's Report

To the Members of the Commission  
Minneapolis/St. Paul Metropolitan Airports Commission  
Minneapolis, Minnesota

We have audited the accompanying financial statements of the Minneapolis/St. Paul Metropolitan Airports Commission (Commission), as of and for the years ended December 31, 2017 and 2016, and the related notes to financial statements, which collectively comprise the Commission's basic financial statement as listed in the table of contents.

### *Management's Responsibility for the Financial Statements*

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### *Auditor's Responsibility*

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## *Opinion*

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Minneapolis/St. Paul Metropolitan Airports Commission as of December 31, 2017 and 2016, and the changes in its financial position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

## *Other Matters*

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, pension and other postemployment information as listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Commission's basic financial statements. The Introductory and Statistical Sections, as listed in the table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

*BKD, LLP*

Indianapolis, Indiana  
May 21, 2018

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

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The following management's discussion and analysis of the financial performance and activity of the Minneapolis/St. Paul Metropolitan Airports Commission (Commission or MAC) is to provide an introduction and understanding of the basic financial statements of the Commission for the year ended December 31, 2017 with selected comparative information for the years ended December 31, 2016 and 2015. This discussion has been prepared by management and should be read in conjunction with the audited financial statements and the notes thereto, which follow this section.

#### USING THE FINANCIAL STATEMENTS

The MAC's financial report includes three financial statements: the Statements of Net Position, the Statements of Revenues, Expenses and Changes in Net Position and the Statements of Cash Flows. The financial statements are prepared in accordance with accounting principles generally accepted in the United States of America, as promulgated by the Governmental Accounting Standards Board (GASB).

#### FINANCIAL HIGHLIGHTS

##### General

The Commission has entered into, and receives payment under, agreements with various air carriers and other parties, including the airline lease agreements relating to landing fees and the leasing of space in terminal buildings, other building leases regarding the leasing of cargo and miscellaneous hangar facilities, concession agreements relating to sale of goods and services at the airport and specific project leases relating to the construction of buildings and facilities for specific tenants. Below is a brief description of each agreement along with the revenue generated in 2017.

##### Airline Lease Agreements

The airline lease agreements relate to the use of the airport for air carrier operations, the leasing of space within the terminal buildings of the airport, ramp fees for parking aircraft at the Lindbergh Terminal and the establishment of landing fees. Except for rental amounts based primarily upon the square feet rented, the terms, conditions and provisions of each airline lease agreement are substantially the same.

In the airline lease agreements, the Commission has leased to each particular air carrier a certain specified square footage portion of the terminal area in the airport. Annual rents are computed on the basis of various charges per square foot for various types of space within the existing terminal area and, in certain cases, the costs of certain improvements of the existing terminal area. The airline lease agreements also provide that each air carrier is required to pay a basic landing fee. The landing fee is calculated by dividing the cost of operations, maintenance and debt service at the airfield by total landed weight of aircraft utilizing the airport. The airline lease agreements also require each air carrier leasing gate space at Lindbergh Terminal (Terminal 1) to pay an aircraft parking ramp fee that is computed on a lineal foot basis. The ramp fee includes the cost of operations, maintenance and debt service to the ramp area surrounding the terminal building gates.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

The airline lease agreement also provides that food and beverage, merchandise and auto-rental annual gross concession revenues to the Commission ("Selected Concession Revenues") will be shared with the Passenger Signatory Airlines (allocated among the Passenger Signatory Airlines based upon their proportionate share of enplanements at the Airport for the applicable fiscal year) under the following schedule (the "Shared Concession Revenues"):

<b>Selected Concession Revenues</b>	<b>Percent Shared with Passenger Signatory Airlines</b>
Greater than \$46,007,111	25% up to \$59,441,187 and 50% for amounts above \$59,441,187
\$42,481,340 to \$46,007,111	20%
\$40,862,628 to \$42,481,339	15%
\$39,243,915 to \$40,862,627	10%
\$37,625,202 to \$39,243,914	5%

The Passenger Signatory Airlines are also entitled to Supplemental Revenue Sharing equal to an additional 25% of Selected Concession Revenues above \$34,272,000 but below \$59,441,187 if enplaned passengers exceed 17,716,500. Selected Concession Revenues were \$48,831,314 and enplaned passengers exceeded 17,716,500 for fiscal year 2017, resulting in total Shared Concession Revenue of \$17,080,131, of which \$4,256,066 was Supplemental Revenue Sharing. The Selected Concession Revenues thresholds are subject to change annually.

The total amount of Shared Concession Revenues will be structured as a credit against the rates and charges in the current year, payable to the Passenger Signatory Airlines in the subsequent fiscal year. Notwithstanding the above schedule, the amount of Shared Selected Concession Revenues will be reduced to the extent necessary so that Net Revenues, after subtracting the Shared Concession Revenues, will not be less than 1.25 times the total annual debt service on Senior Bonds, Subordinate Obligations, and other debt obligations of the Commission. In the event that the Shared Concession Revenues are reduced in any year, such reduction will be deferred until the next fiscal year and will be credited against the rates and charges payable by the Passenger Signatory Airlines in the next fiscal year to the extent that Net Revenues, after subtracting the applicable Shared Concession Revenues, are not less than 1.25 times the total annual debt service on Senior Bonds, Subordinate Obligations, and other debt obligations of the Commission.

For the years ended December 31, 2017 and 2016, the aggregate rentals earned by the Commission pursuant to the airline lease agreements were approximately \$101,139,000 and \$100,340,000, respectively. The annual rentals due under each lease may be adjusted each year to reflect actual costs of the airport.

#### Other Building and Miscellaneous Leases

The other building and miscellaneous leases relate to rentals and other fees associated with the Hubert H. Humphrey Terminal (Terminal 2), miscellaneous hangar facilities, and office rentals for non-airline tenants in Terminal 1. For the years ended December 31, 2017 and 2016, the aggregate annual rentals under these leases were approximately \$33,292,000 and \$30,038,000, respectively.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

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#### Specific Project Leases

The Commission has constructed various buildings and facilities for specific tenants. If bonds were issued by the Commission to finance the construction of a facility, the lessee is required to pay annual lease payments equal to the debt service requirements on the bonds issued to construct the facility, due in the following year. The lease remains in effect until the total debt service on the bonds has been paid. If, on the other hand, the construction of a facility is financed from funds the Commission has on hand, the lessee is required to make lease payments equal to the debt service requirements which would have been required if bond funds were used.

For the years ended December 31, 2017 and 2016, the aggregate lease rentals paid to the Commission under specific project leases was approximately \$8,394,000 and \$8,488,000, respectively.

#### Concession Agreements

The Commission has entered into concession agreements with various firms to operate concessions inside the terminal building at the airport including, among others, food and beverage services, newsstands, advertising, vending, insurance, and personal service shops. For the years ended December 31, 2017 and 2016, the aggregate fees earned by the Commission under the existing concession agreements were approximately \$40,443,000 and \$36,298,000, respectively. Such fees are computed on the basis of different percentages of gross sales for the various types of concessions, with the larger concessions guaranteeing a minimum payment each year.

Concession agreements for rental car agencies require such concessionaires to pay fees based on a percentage of their gross revenues and special charges such as parking fees, customer facility charge, and a per-square-foot land rental. The Commission also has a management contract with a firm for the operation of the airport parking lot and garage facilities. For the years ended December 31, 2017 and 2016, the aggregate fees earned by the Commission under the existing rental car agreements and parking lot and garage facilities were approximately \$137,340,000 and \$134,213,000, respectively. Of this amount, parking revenue was approximately \$95,231,000 for 2017 and \$91,235,000 for 2016. Auto rental revenue for both on and off airport auto rentals for December 31, 2017 and 2016 was approximately \$42,109,000 and \$42,978,000, respectively.

#### Reliever Airports

The Commission has entered into various other leases and agreements with tenants at its reliever airport system. These reliever airport tenant leases include fuel flowage fees, hangar rentals, storage lots, commercial fees and other miscellaneous amounts. For the years ended December 31, 2017 and 2016, revenues from these agreements were approximately \$7,882,000 and \$7,759,000, respectively.

#### Miscellaneous Off-Airport Concession Leases and Ground Transportation Fees

The Commission has entered into certain leases with off-airport concessionaires that provide off-airport advertising and auto services. Additionally, the Commission charges fees for employee parking, permits and licenses to operate shuttles, vans, buses and taxis at the airport. Such fees are set by Commission ordinances. In 2016, the Commission allowed Transportation Network Companies (TNC) to operate at the airport. For the year ended December 31, 2017 and 2016, the Commission earned \$16,218,000 and \$12,105,000, respectively.

#### Utilities

The Commission has entered into certain leases with tenants the provide utilities to the leased spaces throughout the terminal. For the years ended December 31, 2017 and 2016, the revenues from these utility charges were approximately \$5,343,000 and \$4,334,000, respectively.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

#### Miscellaneous Revenues

In addition to the above agreements, the Commission enters into various other leases and agreements. These include ground space rentals, office rentals for commuter airlines and concessionaires, commuter and general aviation fees, and other miscellaneous amounts. For the years ended December 31, 2017 and 2016, the revenues from these agreements were approximately \$12,287,000 and \$13,847,000, respectively.

#### Operating Revenues

Operating revenues for the MAC are derived entirely from user fees that are established for various services and facilities that are provided at Commission airports. While the Commission has the power to levy taxes to support its operations, it has adopted policies to provide adequate revenues for the system to operate since 1969 without general tax support. Revenue sources have been grouped into the following categories in the Statements of Revenues, Expenses and Changes in Net Position:

- Airline Rates & Charges - Revenue from landing and ramp fees and terminal building rates
- Concessions - Revenue from food and beverage sales, merchandise sales, auto parking, etc.
- Other Revenues:
  - Rentals/fees - Fees for building rentals
  - Utilities and other revenues - Charges for tenants use of ground power, water and sewer, and other services provided by the MAC

For the fiscal years ended December 31, 2017 and 2016, the top ten operating revenue sources for the MAC were as follows:

#### Top Ten Operating Revenue Sources:

Source	2017 Revenue
1. Parking	\$ 95,231,435
2. Landing fees	62,624,007
3. General Building	44,449,261
4. Other Building Rent	25,788,486
5. Food & Beverage	23,136,949
6. Auto rental (off- and on-airport)	20,584,230 *
7. Ground Rent	10,886,646
8. Ground transportation fees	10,322,990
9. News and Retail Stores	10,170,400
10. Ramp Fees	7,136,821

\*Excludes customer facility charges.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

Source	2016 Revenue
1. Parking	\$ 91,234,678
2. Landing fees	60,391,447
3. General Building	46,176,169
4. Other Building Rent	23,595,543
5. Auto rental (off- and on-airport)	21,053,414 *
6. Food & Beverage	21,043,955
7. Ground Rent	9,699,338
8. News and Retail Stores	8,701,273
9. Ramp Fees	7,407,993
10. Ground transportation fees	6,730,336

\*Excludes customer facility charges.

The top ten revenue providers for 2017 for the MAC were as follows:

#### Top Ten Operating Revenue Providers

1. Delta Airlines
2. Enterprise
3. Hertz
4. HMS Host
5. Sun Country
6. Avis
7. American
8. Southwest
9. United
10. Delaware North

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

#### STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

During 2017, the MAC's total revenues and capital contributions increased by 1.1% to \$435,532,000 from \$430,785,000 in 2016. Changes in major categories follow (dollars in thousands):

	2017	% of Total	2016	% of Total	Dollar Change	Percent Change
<b>Operating revenues</b>						
Airline rates and charges	\$ 113,056	26.0%	\$ 112,653	26.2%	\$ 403	0.4%
Concessions	172,476	39.6%	160,691	37.2%	11,785	7.3%
Rentals/fees	49,970	11.5%	48,473	11.3%	1,497	3.1%
Utilities and other revenues	18,442	4.2%	17,115	4.0%	1,327	7.8%
Total operating revenues	<u>353,944</u>		<u>338,932</u>		<u>15,012</u>	
<b>Nonoperating revenues</b>						
Investment income	12,306	2.8%	12,634	2.9%	(328)	-2.6%
Solar panel financing rebate	978	0.2%	914	0.2%	64	7.0%
Gain (loss) on disposal of assets	(6,513)	-1.5%	2,029	0.5%	(8,542)	-421.0%
Passenger facility charges	73,390	16.9%	72,273	16.8%	1,117	1.5%
Total nonoperating revenues	<u>80,161</u>		<u>87,850</u>		<u>(7,689)</u>	
<b>Capital contributions and grants</b>	<u>1,427</u>	0.3%	<u>4,003</u>	0.9%	<u>(2,576)</u>	-64.4%
<b>Total revenues and capital contributions</b>	<u>\$ 435,532</u>	100.0%	<u>\$ 430,785</u>	100%	<u>\$ 4,747</u>	1.1%

Concessions increased by 7.3% or \$11,785,000. The majority of the increase is in the public parking and ground transportation categories. Food and Beverage increases (approximately \$2.1 million) can be attributed to the increase in passenger traffic and the opening of many new concessions. A rate increase in parking accounted for approximately \$4.0 million of the increase in the concessions category. The remaining increase was in the Ground Transportation category. Ground Transportation primarily increased approximately \$3.6 million due to the growth of Transportation Network Companies (TNC) activity, which started in 2016.

Rental fees increased by \$1,497,000 or 3.1%. This is primarily a result of new ground rental rates for non-airline tenants implemented in 2017.

Utilities and other revenues increased by 7.8% or \$1,327,000 primarily due to the increase in consortium fees from an increase in the lease rate and the increase in food and beverage sales.

The loss on sale of assets of \$6,513,000 in 2017 was primarily due to the sale of several parcels of land near MSP.



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

Capital contributions and grants represent grants received from both federal and state governments for various construction projects at both MSP and the reliever airports. The decrease in 2017 comes primarily from a decrease in federal grants for baggage screening projects.

During 2016, the MAC's total revenues and capital contributions increased by 7.0% to \$430,785,000 from \$402,478,000 in 2015. Changes in major categories follow (dollars in thousands):

	2016	% of Total	2015	% of Total	Dollar Change	Percent Change
<b>Operating revenues</b>						
Airline rates and charges	\$ 112,653	26.2%	\$ 107,805	26.8%	\$ 4,848	4.5%
Concessions	160,691	37.2%	146,893	36.6%	13,798	9.4%
Rentals/fees	48,473	11.3%	36,086	9.0%	12,387	34.3%
Utilities and other revenues	17,115	4.0%	16,637	4.1%	478	2.9%
Total operating revenues	<u>338,932</u>		<u>307,421</u>		<u>31,511</u>	
<b>Nonoperating revenues</b>						
Investment income	12,634	2.9%	9,241	2.3%	3,393	36.7%
Solar panel financing rebate	914	0.2%	599	0.1%	315	52.6%
Gain on disposal of assets	2,029	0.5%	60	0.0%	1,969	3281.7%
Passenger facility charges	72,273	16.8%	70,471	17.5%	1,802	2.6%
Total operating revenues	<u>87,850</u>		<u>80,371</u>		<u>7,479</u>	
<b>Capital contributions and grants</b>	<u>4,003</u>	0.9%	<u>14,686</u>	3.6%	<u>(10,683)</u>	-72.7%
<b>Total revenues and capital contributions</b>	<u>\$ 430,785</u>	100%	<u>\$ 402,478</u>	100%	<u>\$ 28,307</u>	7.0%

Airline rates and charges increased \$4,848,000 or 4.5% from 2016 levels. A majority of the revenue derived from the airline rates and charges category is based on the amount of expenses incurred in certain cost centers. The increase related primarily to higher debt service costs and the additional costs related to MAC regaining responsibility for the G Concourse in 2016, partially offset by an increase in the amount of concessions shared with the airlines.

Concessions increased by 9.4% or \$13,798,000. The majority of the increase is in the public parking categories. Food and Beverage increases (approximately \$4.2 million) can be attributed to the addition of the G Concourse concession program, passenger growth, and increase spending on a per passenger basis. Higher volume and longer lengths of stay in parking accounted for approximately \$3.7 million of the increase in the concessions category. The remaining increase was in the Ground Transportation and Auto Rental categories. Ground Transportation primarily increased approximately \$1.9 million due to the addition of Transportation Network Companies (TNC) activity, which started in 2016. The Auto Rental revenue increase (approximately \$1.2 million) was primarily related to passenger growth.

Rental fees increased by \$12,387,000 or 34.3%. This is primarily a result of higher auto rental customer facility charge (CFC) revenue due to an increase in the CFC rate in 2016 and ground rental rates for non-airline tenants.

Investment income increased \$3,393,000 or 36.7% due to higher interest rates.

The Commission received a \$914,000 in financing credit related to the installation of solar panels on top of the public parking ramps at Terminal 1 in 2015 and Terminal 2 in 2016.

The gain on sale of assets increased by \$1,969,000 due to the sale of a parcel of land at the Anoka County/Blaine Airport.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

Capital contributions and grants represent grants received from both federal and state governments for various construction projects at both MSP and the reliever airports. The decrease in 2016 comes primarily from a decrease in federal grants for baggage screening projects.

#### Expenses

In 2017, the MAC's total expenses decreased by 2.9% to \$375,652,000 from \$386,764,000 in 2016. Changes in major categories are summarized below (dollars in thousands):

	2017	% of Total	2016	% of Total	Dollar Change	Percent Change
<b>Operating expenses</b>						
Personnel	\$ 87,993	23.4%	\$ 94,425	24.4%	\$ (6,432)	-6.8%
Administrative	1,993	0.5%	1,723	0.4%	270	15.7%
Professional services	6,151	1.6%	6,217	1.6%	(66)	-1.1%
Utilities	19,619	5.2%	18,816	4.9%	803	4.3%
Operating services	26,073	7.0%	23,389	6.1%	2,684	11.5%
Maintenance	36,293	9.7%	36,319	9.4%	(26)	-0.1%
Depreciation and amortization	142,970	38.1%	139,226	36.0%	3,744	2.7%
Other	5,611	1.5%	4,411	1.1%	1,200	27.2%
Operating expenses	<u>326,703</u>		<u>324,526</u>		<u>2,177</u>	
<b>Nonoperating expenses</b>						
Interest expense	48,949	13.0%	62,238	16.1%	(13,289)	-21.4%
Total nonoperating expenses	<u>48,949</u>		<u>62,238</u>		<u>(13,289)</u>	
<b>Total expenses</b>	<u>\$ 375,652</u>	100.0%	<u>\$ 386,764</u>	100.0%	<u>\$ (11,112)</u>	-2.9%

Personnel decreased by 6.8% or \$6,432,000. The majority of the decrease is related to a reduction in net pension liabilities in 2017 due to an increase in the fair value of plan assets for both pension plans and an increase in the discount rate of the Public Employees Police and Fire Fund. This was partly offset by an increase in annual wage adjustments, new employees and additional medical claims.

Utilities increased \$803,000 or 4.3% primarily due to higher rates and increased usage of natural gas, sewer and water services partially offset by a decrease in electricity cost due to savings in sales tax from changing to sales tax exempt status in 2017.

Operating services increased \$2,684,000 or 11.5% due primarily to the increase in service agreements for renewing and expanding technology related agreements and from additional security staffing at several field gate locations around Terminal 1-Lindbergh.

Depreciation increased \$3,744,000 or 2.7%. The increase is attributable to new projects placed into service during 2016-2017.

Other expenses increased \$1,200,000 or 27.2% due to the Commission's Air Service Incentive Program. Two airlines met the criteria for new continuous international air service earning waivers for landing and gate fees.

Interest expense decreased \$13,289,000 or 21.4% due to the refunding of several bond issues in the prior year.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

In 2016, the MAC's total expenses increased by 8.7% to \$386,764,000 from \$355,933,000 in 2015. Changes in major categories are summarized below (dollars in thousands):

	2016	% of Total	2015	% of Total	Dollar Change	Percent Change
<b>Operating expenses</b>						
Personnel	\$ 94,425	24.4%	\$ 81,728	23.0%	\$ 12,697	15.5%
Administrative	1,723	0.4%	1,521	0.4%	202	13.3%
Professional services	6,217	1.6%	5,574	1.6%	643	11.5%
Utilities	18,816	4.9%	18,304	5.1%	512	2.8%
Operating services	23,389	6.1%	21,230	5.9%	2,159	10.2%
Maintenance	36,319	9.4%	32,089	9.0%	4,230	13.2%
Depreciation and amortization	139,226	36.0%	134,419	37.8%	4,807	3.6%
Other	4,411	1.1%	3,454	1.0%	957	27.7%
Operating expenses	<u>324,526</u>		<u>298,319</u>		<u>26,207</u>	
<b>Nonoperating expenses</b>						
Interest expense	<u>62,238</u>	16.1%	<u>57,614</u>	16.2%	<u>4,624</u>	8.0%
Total nonoperating expenses	<u>62,238</u>		<u>57,614</u>		<u>4,624</u>	
<b>Total expenses</b>	<u>\$ 386,764</u>	100.0%	<u>\$ 355,933</u>	100.0%	<u>\$ 30,831</u>	8.7%

Personnel increased by 15.5% or \$12,697,000. The majority of the increase is related to the implementation of GASB 68 in 2015, which resulted in a significant increase in pension expense adjustment in 2016. The remaining increase is due to annual wage adjustments, new employees and additional medical claims, partially offset by a decrease in post-retirement medical benefit.

Professional services increased by 11.5% or \$643,000 primarily due to an increase in information technology projects and legal fees.

Utilities increased \$512,000 or 2.8% due to the addition of the G Concourse utilities in 2016.

Operating services increased \$2,159,000 or 10.2% due primarily to the Commission entering into a funding agreement with the Airport Foundation to replace the lost income from their two stores, airline incentive program for carriers that met the criteria, providing a full year of queue line management services and a shuttle service from the Quick Ride ramp to Terminal 1 compared to a partial year in 2015.

Maintenance increased \$4,230,000 or 13.2%. The majority of the increase is attributable to the Commission regaining responsibility for the G Concourse and the related cleaning and maintenance costs in January 2016. The remaining increase was due to higher snow removal materials in 2016.

Depreciation increased \$4,807,000 or 3.6%. The increase is attributable to new projects placed into service during 2015-2016.

Other expenses increased \$957,000 or 27.7% due to an increase in computer and radio equipment purchases.

### Net Revenues

In order to promote and encourage the efficient use of facilities at all of the MAC's airports, as well as minimize the environmental impact of MSP on the surrounding community, the MAC has implemented a policy of subsidizing its reliever airports to encourage the use of these facilities rather than MSP. In order to maintain this subsidy, the MAC sets its rates and charges to assure that total system revenues will be sufficient to pay total system expenses.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

Net revenues generated by the Commission are designated for construction and debt service payments. These net revenues provide the Commission with a portion of the money to meet the funding requirements of its capital improvement program. This reduces the need to issue bonds and, therefore, allows the Commission to avoid the interest expense of additional debt.

Following is a summary of the Statements of Revenues, Expenses and Changes in Net Position for the years ended December 31, 2017, 2016 and 2015 (dollars in thousands):

	Fiscal Years Ended December 31,		
	2017	2016	2015
Operating revenues	\$ 353,944	\$ 338,932	\$ 307,421
Operating expenses	(326,703)	(324,526)	(298,319)
Operating income	27,241	14,406	9,102
Nonoperating revenues	80,161	87,850	80,371
Nonoperating expenses	(48,949)	(62,238)	(57,614)
Nonoperating income	31,212	25,612	22,757
Increase in net position before capital contributions and grants	58,453	40,018	31,859
Capital contributions and grants	1,427	4,003	14,686
Increase in net position	59,880	44,021	46,545
Net position, beginning of year, as previously reported	1,760,795	1,716,774	1,719,348
Change in accounting principle	-	-	49,119
Net position, beginning of year, as previously reported	1,760,795	1,716,774	1,670,229
Net position, end of year	\$ 1,820,675	\$ 1,760,795	\$ 1,716,774

The Commission shows an increase in the total change in its net position in 2017 versus 2016. This is primarily a result of an increase in operating income and a decrease in interest expense resulting from prior year debt refundings. This was partially offset by the loss on the sale of assets and a decrease in capital contributions and grants.

The Commission shows a decrease in the total change in its net position in 2016 versus 2015. This is primarily a result of an increase in operating income and an increase in interest income due to higher interest rates. This was partially offset by an increase in interest expense and a decrease in capital contributions and grants.

Occasionally, the Commission may show an operating loss as a result of its methodology of assessing airline rates and charges and the reporting requirements for passenger facility charges (PFCs). For its airline rates and charges model, the Commission uses debt service instead of depreciation as a basis of recovering capital costs. Therefore, projects constructed with internally generated funds are not recoverable under the airline agreement. Further contributing to operating losses is the accounting treatment for PFCs and federal and state grants. The Commission cannot charge the users of the airport for any of its capital costs that were funded by PFCs and/or capital contributions. Therefore, under operating expenses the full cost of the capital project is depreciated over its useful life; however, the corresponding revenue (PFCs and federal and state grants) for that particular project is reflected as nonoperating revenue.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

We believe we are well positioned to increase the long-term financial stability and air service competitiveness of MSP. In addition, our 10-year history of airline rates and charges is very competitive and, as one of the few airports with an AA- rating from both Fitch Investor Services and Standard & Poor's, we feel we are positioned well for growth in the future.

### STATEMENTS OF NET POSITION

The Statements of Net Position present the net position of the MAC at the end of the fiscal year. Net position is equal to total assets plus deferred outflows of resources less total liabilities less deferred inflows of resources and is an indicator of the current financial health of the MAC. Summarized statements of net position information at December 31, 2017, 2016 and 2015 follows (dollars in thousands):

	2017	December 31, 2016	2015
<b>Assets</b>			
Current assets - unrestricted	\$ 433,330	\$ 366,942	\$ 425,019
Restricted assets - current	106,212	111,209	89,599
Noncurrent assets:			
Other noncurrent assets	650,231	790,421	438,751
Capital assets - net	<u>2,625,183</u>	<u>2,521,344</u>	<u>2,432,036</u>
Total assets	<u>3,814,956</u>	<u>3,789,916</u>	<u>3,385,405</u>
<b>Deferred Outflows of Resources</b>	<u>61,888</u>	<u>94,989</u>	<u>53,092</u>
Total assets and deferred outflows of resources	<u>\$ 3,876,844</u>	<u>\$ 3,884,905</u>	<u>\$ 3,438,497</u>
<b>Liabilities</b>			
Current liabilities - unrestricted	\$ 104,186	\$ 140,238	\$ 77,125
Payable from restricted current assets	105,468	75,760	97,157
Noncurrent liabilities:			
Bonds payable	1,569,053	1,644,486	1,305,023
Other noncurrent liabilities	<u>221,743</u>	<u>241,042</u>	<u>219,783</u>
Total liabilities	<u>2,000,450</u>	<u>2,101,526</u>	<u>1,699,088</u>
<b>Deferred Inflows of Resources</b>	<u>55,719</u>	<u>22,584</u>	<u>22,635</u>
Total liabilities and deferred inflows of resources	<u>2,056,169</u>	<u>2,124,110</u>	<u>1,721,723</u>
<b>Net Position</b>			
Net investment in capital assets	1,338,558	1,265,771	1,163,545
Restricted	278,281	341,266	299,192
Unrestricted	<u>203,836</u>	<u>153,758</u>	<u>254,037</u>
Total net position	<u>1,820,675</u>	<u>1,760,795</u>	<u>1,716,774</u>
Total liabilities, deferred inflows of resources and net position	<u>\$ 3,876,844</u>	<u>\$ 3,884,905</u>	<u>\$ 3,438,497</u>

The decrease in total assets and deferred outflows of resources is primarily due to the decrease in deferred outflows of resources related to the Commission's pension plans. Overall, the majority of the increase in net position from 2016 to 2017 is due to an increase in operating income.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

#### CASH AND INVESTMENT MANAGEMENT

The following summary shows the major sources and uses of cash during the years ended December 31, 2017, 2016 and 2015 (dollars in thousands):

	Fiscal Years Ended December 31,		
	2017	2016	2015
Cash provided by operating activities	\$ 354,840	\$ 338,029	\$ 305,770
Cash used in operating activities	(168,779)	(150,248)	(142,740)
Net cash provided by operating activities	186,061	187,781	163,030
Net cash provided by (used in) capital and related financing activities	(265,827)	136,530	(112,603)
Net cash provided by (used in) investing activities	82,885	(325,593)	(53,425)
Net increase (decrease) in cash and cash equivalents	3,119	(1,282)	(2,998)
Cash and cash equivalents, beginning of year	4,876	6,158	9,156
Cash and cash equivalents, end of year	\$ 7,995	\$ 4,876	\$ 6,158

Cash temporarily idle during the year is invested according to legal requirements established by the Legislature of the State of Minnesota. In accordance with state law, investments are generally restricted to various United States government securities, mutual funds, state and local obligations, commercial paper and repurchase agreements. With the exclusion of postemployment medical investments which must have an average portfolio life of no greater than 12 years maximum, all other securities must mature within four years from the date of purchase. During 2017, the MAC's average portfolio balance was \$1,091,935,000 and total investment earnings were \$8,565,000 for an average yield on investments during the year of 0.78%. This compares to an average portfolio balance of \$994,138,000; investment earnings of \$8,721,000 and average yield of 0.88% in fiscal year 2016.

The Commission currently has a policy of keeping a six-month working capital reserve in its operating fund. At the end of 2017, the Commission has in its operating fund approximately \$76 million over and above its 2017 six-month working capital requirement. The Commission is currently considering how to apply or use some or all of these excess-operating funds.

#### CAPITAL CONSTRUCTION

During 2017, the Commission expended \$254,000,000 on its on-going Capital Improvement Program (CIP). Approximately \$5,000,000 was associated with various airfield and runway projects. Approximately \$119,000,000 was related to Terminal 1-Lindbergh projects. Projects at Terminal 1-Lindbergh include vertical circulation improvements, Concourse A to G connector improvements, and HVAC/AHU replacements. Approximately \$116,000,000 was mainly spent on site preparation, roadway work and buildings for a new parking ramp at Terminal 1-Lindbergh, with the remaining spent on other various landside/parking projects. Approximately \$10,000,000 was spent on the Commission's reliever airport system. The remaining \$4,000,000 was spent primarily for noise mitigation and other building improvements. Average monthly capital spending in 2017 was approximately \$21,200,000.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

During 2016, the Commission expended \$206,000,000 on its on-going capital improvement program. Approximately \$9,000,000 was associated with various airfield and runway projects. Approximately \$59,000,000 was related to Terminal 1-Lindbergh projects. Projects at Terminal 1-Lindbergh include the start of vertical circulation improvements, restroom rehabilitations, and a passenger boarding bridge. Approximately \$104,000,000 was spent on various Terminal 2-Humphrey projects, landside/parking and miscellaneous building projects with the largest projects being the site preparation, roadway work and buildings for a new parking ramp at Terminal 1-Lindbergh and three additional gates added at Terminal 2-Humphrey. Approximately \$7,000,000 was spent on the Commission's reliever airport system. The remaining \$12,000,000 was spent primarily for the installation of solar panels on top of the parking ramp at Terminal 2 -Humphrey. Average monthly capital spending in 2016 was approximately \$17,200,000.

Further information can be found in Note F.

### CAPITAL FINANCING AND DEBT MANAGEMENT

The MAC has issued three forms of indebtedness: notes payable, general airport revenue bonds and general obligation revenue bonds. General obligation revenue bonds are backed by Commission revenues and the authority to levy any required taxes on the assessed valuation of the seven county Metropolitan Area. General airport revenue bonds are not backed by the MAC's taxing authority but rather are payable from certain pledged revenues.

Statutory authority for issuing general obligation revenue bonds is obtained from the Minnesota State Legislature. Authorization as of December 31, 2017, which permits the issuance by the MAC of up to \$55,000,000 of general obligation revenue bonds. Currently, the MAC has no general obligation revenue bonds outstanding.

On October 4, 2016, the Commission issued two new series of general airport revenue bonds. The series labeled 2016A and 2016B General Airport Revenue Bonds were issued for \$330,690,000 and \$152,190,000, respectively. The proceeds were used to refund and defease \$647,811,000 of the remaining principal outstanding of the Series 2007A and Series 2007B General Airport Revenue Bonds, which were called on January 1, 2017.

On December 20, 2016, the Commission issued three new series of General Airport Revenue Bonds. Two of the series, labeled Series 2016C and Series 2016E General Airport Revenue Bonds were issued for \$207,250,000 and \$171,690,000, respectively, and the proceeds are being used to construct a new parking garage, which includes public parking and an auto rental facility. The series labeled Series 2016D General Airport Revenue Bonds were issued for \$23,410,000 and the proceeds were used to repay a portion of the outstanding revolving line of credit.

The MAC is financing its construction program through a combination of the MAC's revenues, entitlement and discretionary grants received from the FAA, state grants, PFCs and revenue bonds. Long-term debt is the principal source of funding of the capital improvement program. The MAC, through its Master Indenture, has covenanted to maintain a debt service coverage ratio of 1.25. Debt service coverage is calculated based on a formula included in the Master Indenture and the airport use agreement.

The Commission has irrevocably committed a portion of PFCs it receives to the payment and funding of debt service on Senior Bonds and/or Subordinate Obligations issued to finance projects authorized to be financed with PFCs (collectively, the "PFC Eligible Bonds") through December 31, 2030.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

### Financial Section

Pursuant to the PFC Resolution, the Commission has irrevocably committed the following amounts of PFCs in the following Fiscal Years:

#### Irrevocably Committed PFCs

<u>Fiscal Year</u>	<u>Irrevocably Committed PFCs</u>	<u>Fiscal Year</u>	<u>Irrevocably Committed PFCs</u>
2018	9,338,400	2025	9,337,650
2019	9,337,650	2026	9,334,900
2020	9,339,400	2027	9,334,650
2021	9,337,900	2028	9,465,900
2022	9,332,650	2029	9,467,625
2023	9,333,150	2030	9,462,475
2024	9,333,400		

If the Commission does not use the full amount of the irrevocably committed PFCs to pay debt service on PFC Eligible Bonds in a Fiscal Year (i.e., there is more irrevocably committed PFCs than there is debt service due on PFC Eligible Bonds in such Fiscal Year), any unused portion of the irrevocable commitment for such Fiscal Year is not required to be carried over for use in future Fiscal Years.

In addition to the PFCs irrevocably committed pursuant to the PFC Resolution, the Commission can, at its sole discretion, use excess PFCs to pay additional debt service on PFC Eligible Bonds. The Commission currently expects to utilize all of the irrevocably committed PFCs and a portion of the remaining PFCs to pay the debt service on the PFC Eligible Bonds.

For further information on capital financing activity see Notes G and H.

#### CONTACTING THE MAC'S FINANCIAL MANAGEMENT

This financial report is designed to provide the MAC's Commissioners, management, investors, creditors and customers with a general view of the MAC's finances and to demonstrate the MAC's accountability for the funds it receives and expends. For further information about this report, or if you need additional financial information, please contact Director of Finance, 6040 28<sup>th</sup> Avenue South, Minneapolis, MN 55450 or access the Commission's website – <https://metroairports.org/Airport-Authority/Metropolitan-Airports-Commission/Administration/Financials.aspx>.



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Financial Section

## STATEMENTS OF NET POSITION

(Dollars in Thousands)

	December 31,	
	2017	2016
<b>ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>		
Current Assets:		
Cash and cash equivalents	\$ 7,995	\$ 4,876
Investments	402,769	333,737
Accounts receivable, net of allowances for uncollectibles of \$88 and \$88, respectively	12,145	13,041
Receivable - government grants in aid of construction	4,995	9,707
Leases receivable	2,520	2,358
Other	2,906	3,223
Restricted assets:		
Investments	95,032	100,306
Leases receivable	2,382	2,296
Passenger facility charge receivable	8,798	8,607
Total current assets	539,542	478,151
Noncurrent Assets:		
Investments, restricted	613,670	748,007
Leases receivable, unrestricted	15,471	17,991
Leases receivable, restricted	13,849	16,231
Derivative instruments - forward delivery agreements	7,241	8,192
Capital assets:		
Land	355,769	367,973
Airport improvements and buildings	4,175,643	4,097,955
Moveable equipment	172,816	166,641
Construction in progress	290,852	118,681
Less accumulated depreciation	(2,369,897)	(2,229,906)
Total capital assets (net of accumulated depreciation)	2,625,183	2,521,344
Total noncurrent assets	3,275,414	3,311,765
Total assets	3,814,956	3,789,916
Deferred Outflows of Resources	61,888	94,989
<b>TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>	<b>\$ 3,876,844</b>	<b>\$ 3,884,905</b>

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Financial Section

## STATEMENTS OF NET POSITION

(Dollars in Thousands)

	December 31,	
	2017	2016
<b>LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION</b>		
Current Liabilities:		
Accounts payable and accrued liabilities	\$ 73,021	\$ 66,645
Accounts payable due to airlines	18,979	20,302
Current portion of notes payable	3,121	44,663
Employee compensation, payroll taxes and other	9,065	8,628
Payable from restricted current assets:		
Current portion of bond payable	55,390	41,470
Construction and other	12,967	11,038
Unearned revenue	2,079	1,605
Interest payable	35,032	21,647
Total current liabilities	209,654	215,998
Noncurrent Liabilities:		
Employee compensation, payroll taxes and other	2,477	2,446
Unearned revenue, restricted	769	898
Notes payable	81,852	43,791
Postemployment medical	63,874	62,154
Bonds payable	1,569,053	1,644,486
Net pension liabilities	72,771	131,753
Total noncurrent liabilities	1,790,796	1,885,528
Total liabilities	2,000,450	2,101,526
Deferred Inflows of Resources	55,719	22,584
<b>TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES</b>	<b>2,056,169</b>	<b>2,124,110</b>
<b>NET POSITION</b>		
Net investment in capital assets	1,338,558	1,265,771
Restricted		
Debt service	99,774	111,696
Construction	177,591	228,591
Police/911 emergency communications	916	979
Unrestricted	203,836	153,758
Total net position	<b>1,820,675</b>	<b>1,760,795</b>
<b>TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION</b>	<b>\$ 3,876,844</b>	<b>\$ 3,884,905</b>

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Financial Section

## STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION

(Dollars in Thousands)

	Fiscal Year Ended December 31,	
	2017	2016
<b>OPERATING REVENUES</b>		
Airline rates and charges	\$ 113,056	\$ 112,653
Concessions	172,476	160,691
Rentals/fees	49,970	48,473
Utilities and other revenues	18,442	17,115
<b>TOTAL OPERATING REVENUES</b>	<b><u>353,944</u></b>	<b><u>338,932</u></b>
<b>OPERATING EXPENSES</b>		
Personnel	87,993	94,425
Administrative	1,993	1,723
Professional services	6,151	6,217
Utilities	19,619	18,816
Operating services	26,073	23,389
Maintenance	36,293	36,319
Depreciation and amortization	142,970	139,226
Other	5,611	4,411
<b>TOTAL OPERATING EXPENSES</b>	<b><u>326,703</u></b>	<b><u>324,526</u></b>
<b>OPERATING INCOME</b>	<b>27,241</b>	<b>14,406</b>
<b>NONOPERATING REVENUES (EXPENSES)</b>		
Investment income	12,306	12,634
Federal interest rate subsidies	978	914
Passenger facility charges	73,390	72,273
Gain (Loss) on disposal of assets	(6,513)	2,029
Interest expense	(48,949)	(62,238)
<b>TOTAL NONOPERATING REVENUES (EXPENSES)</b>	<b><u>31,212</u></b>	<b><u>25,612</u></b>
<b>INCOME BEFORE CAPITAL CONTRIBUTIONS AND GRANTS</b>	<b>58,453</b>	<b>40,018</b>
<b>CAPITAL CONTRIBUTIONS AND GRANTS</b>	<b>1,427</b>	<b>4,003</b>
<b>CHANGE IN NET POSITION</b>	<b>59,880</b>	<b>44,021</b>
<b>NET POSITION, BEGINNING OF YEAR</b>	<b><u>1,760,795</u></b>	<b><u>1,716,774</u></b>
<b>NET POSITION, END OF YEAR</b>	<b><u>\$ 1,820,675</u></b>	<b><u>\$ 1,760,795</u></b>

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Financial Section

## STATEMENTS OF CASH FLOWS

(Dollars in Thousands)

	Fiscal Year Ended December 31,	
	2017	2016
Cash received from customers and users	\$ 354,840	\$ 338,029
Cash paid to employees and benefit providers	(79,256)	(75,545)
Cash paid to suppliers	(89,523)	(74,703)
<b>NET CASH FLOWS PROVIDED BY OPERATING ACTIVITIES</b>	<b>186,061</b>	<b>187,781</b>
Payments for airport improvements and facilities	(257,645)	(223,098)
Proceeds from sale of capital assets	5,405	5,573
Proceeds from bond/note issuance	41,799	429,081
Receipt of lease payments	4,999	4,690
Receipt of solar panel financing rebate	978	914
Receipt of passenger facility charges	73,199	72,206
Principal paid on bonds/notes	(86,750)	(94,055)
Interest paid on bonds/notes	(53,951)	(76,890)
Receipt of government grants	6,139	18,109
<b>NET CASH FLOWS PROVIDED BY (USED IN) CAPITAL AND RELATED FINANCING ACTIVITIES</b>	<b>(265,827)</b>	<b>136,530</b>
Purchase of investment securities	(684,943)	(1,865,079)
Proceeds from maturities of investment securities	748,559	1,523,197
Investment income	19,269	16,289
<b>NET CASH FLOWS PROVIDED BY (USED IN) INVESTING ACTIVITIES</b>	<b>82,885</b>	<b>(325,593)</b>
<b>NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>	<b>3,119</b>	<b>(1,282)</b>
<b>CASH AND CASH EQUIVALENTS - BEGINNING OF YEAR</b>	<b>4,876</b>	<b>6,158</b>
<b>CASH AND CASH EQUIVALENTS - END OF YEAR</b>	<b>\$ 7,995</b>	<b>\$ 4,876</b>
<b>Reconciliation of Operating Income to Net Cash Flows Provided by Operating Activities:</b>		
Operating income	\$ 27,241	\$ 14,406
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation and amortization	142,970	139,226
Changes in assets, deferred outflows of resources, liabilities and deferred inflows of resources:		
Accounts receivable	896	(903)
Other assets	317	447
Deferred outflows - pension	31,421	(48,690)
Accounts payable and accrued expenses	5,900	15,725
Employee compensation and payroll taxes	468	1,084
Postretirement medical	1,720	1,531
Net pension liability	(58,982)	63,325
Deferred inflows - pension	34,110	1,630
<b>NET CASH FLOWS PROVIDED BY OPERATING ACTIVITIES</b>	<b>\$ 186,061</b>	<b>\$ 187,781</b>
<b>Noncash investing, capital and related financing activities:</b>		
Changes in fair value of investments	\$ (6,963)	\$ (3,655)
Additions to capital assets included in construction and accounts payable and accrued liabilities	40,177	39,095
Bond payments funded from escrow account	-	(601,312)
Refunding bond proceeds deposited to escrow account	-	601,312

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

#### **NOTE A: NATURE OF ORGANIZATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

##### **Reporting Entity**

The Minneapolis/St. Paul Metropolitan Airports Commission (the Commission) was created by an act of the Minnesota State Legislature in 1943 as a public corporation. Its purpose is to promote air navigation and transportation (international, national and local) in and through the State of Minnesota; promote the efficient, safe, and economical handling of air commerce; assure the inclusion of the state in national and international programs of air transportation; and, to those ends, develop the full potential of the metropolitan area as an aviation center. It has the responsibility to assure residents of the metropolitan area the minimum environmental impact from air navigation and transportation, promote the overall goals of the state's environmental policies, and minimize the public's exposure to noise and safety hazards around airports.

The area over which the Commission exercises its jurisdiction is the Minneapolis/St. Paul metropolitan area, which includes Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington counties. The Commission controls and operates seven airports within the metropolitan area, including the Minneapolis/St. Paul International Airport, which services scheduled air carriers and six reliever airports serving general aviation.

The Commission is governed independently by a 15-member Board of Commissioners. The governor of the State of Minnesota appoints 13 commissioners. The mayors of Minneapolis and St. Paul also have seats on the Commission with the option to appoint a surrogate to serve on their behalf. Certain large capital improvement projects having metropolitan significance must be reviewed by the Metropolitan Council, which is a public agency established by law with powers of regulation over the development of the metropolitan area.

In applying current Governmental Accounting Standards Board (GASB) guidance, the State of Minnesota and the Commission have agreed that the Commission is not financially accountable to any other organization and is considered a stand-alone governmental unit.

##### **Basis of Accounting**

Under GASB Statement No. 34, *Basic Financial Statements—and Management's Discussion and Analysis—for State and Local Governments*, the Commission is considered to be a special-purpose government engaged primarily in business type activities (BTA). As a BTA, the Commission prepares its financial statements using the accrual basis of accounting and the economic resources measurement focus. Under the accrual basis of accounting, revenues are recognized when they are earned or when services are provided, and expenses are recognized when they are incurred.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

#### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets, deferred outflows of resources, liabilities and deferred inflows of resources and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

#### **Revenue and Expense Recognition**

The Commission considers revenues and expenses carried out in the operation and the maintenance of the Commission's system of airports to be operating in nature. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses or capital contributions and grants.

When both restricted and unrestricted resources are available for use, it is the Commission's policy to use restricted resources first, and then unrestricted resources as they are needed.

#### **Budgeting Process**

As required by Minnesota Statutes, the Commission adopts an annual operating and capital expenditures budget for purposes of determining required taxes, if any, to be levied by counties in its jurisdiction. Budgets are established on a departmental basis using the accrual method of accounting.

The process to amend the budget is set forth in the Commission bylaws, Article III, Section 8(a), and presented below:

"8(a) Establishment of the annual budget setting out anticipated expenditures by type of expenditure and/or upward or downward revision of that budget in the course of the corporation's fiscal year shall constitute prior approval of each type of expenditure. Authorization by vote of the Commission is required for transfer of budgeted amounts between or among line items or to appropriate additional funds for each line item. The Executive Director/CEO is directed to provide for the daily operation and management of the Commission within the expenditure guidelines of the annual budget. Commission approval of a contract shall constitute prior approval of disbursements made pursuant to terms of the contract within the constraints of the budget for all contract payments, except final construction contract payments, which shall require Commission approval.

The Executive Director/CEO shall have the responsibility of securing adequate quantities of office, janitorial, maintenance and repair materials and supplies, and the rent of sufficient equipment necessary for the smooth, continuous operation of the Commission's system of airports and all facilities associated with the system of airports. The Executive Director/CEO's authority to secure these items shall be subject to the Commission's purchasing procedures and be subject to the line-item budget constraints of the annual budget.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

At any time during the fiscal year, the Executive Director/CEO may recommend to the full Commission that all or any unencumbered appropriation balances of individual line-items be transferred to those line-items that require additional budgeted funds. In addition, the Executive Director/CEO may recommend to the full Commission the appropriation of additional funds above and beyond those approved at the time of budget adoption."

The Commission is not required to demonstrate statutory compliance with its annual operating budget. Accordingly, budgetary data are not included in the basic financial statements. All budgets are prepared in accordance with airport lease and use agreements. Unexpended appropriations lapse at year-end.

### **Cash and Cash Equivalents**

In accordance with Minnesota Statutes, the Commission maintains deposits at those depository banks which are members of the Federal Reserve System, as authorized by the Commission.

For purposes of the statement of cash flows, the Commission considers cash on hand plus overnight investments to be cash and cash equivalents.

### **Investments**

The Commission's investments are reported at fair value as determined by quoted market prices in the statement of net position and changes in the fair value of investments are reported as investment income in the statement of revenues, expenses and changes in net position.

### **Inventory**

Inventories, primarily fuel, are valued at cost on a first-in, first-out basis (FIFO). The cost of the Commission's inventories included in other assets is recorded as an expense when consumed rather than purchased.

### **Leases**

Substantially all airport improvements and buildings are leased or charged to users under various agreements. Certain facilities are leased under self-liquidating lease agreements, which require the lessee to pay annual payments equal to the debt service requirements of the debt issued to construct the facilities or the debt service requirements that would have been required if debt had been issued. Other facilities at Minneapolis/St. Paul International Airport are charged to user airlines under lease agreements, which provide for compensatory rental rates designed to recover agreed-upon portions of costs incurred, including debt service, in the terminal building, ramp, and runway areas. Other facilities, to the extent they are leased, are leased under conventional agreements, primarily percentage leases.

### **Federal and State Grants**

Outlays for airport capital improvements and certain airport operating expenses, primarily those relating to airport security, are subject to reimbursement from federal grant programs. Funds are also received for airport development from the State of Minnesota. The Commission records government grants in aid of construction as capital contributions.

Funding provided from government grants is considered earned as the related approved capital outlays or expenses are incurred. Costs claimed for reimbursement are subject to audit and acceptance by the granting agency.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### Passenger Facility Charges

In June 1992, the Commission began collecting passenger facility charges (PFCs). PFCs are fees imposed on enplaned passengers by airport authorities for the purpose of generating revenue for airport projects that increase capacity, increase safety, or mitigate noise impacts. The Commission has received permission from the Federal Aviation Administration (FAA) to impose and use a \$4.50 PFC, the current maximum rate allowed.

The following table sets forth a summary of the Commission's approved PFC applications (dollars in thousands):

<b>PFC Application</b>	<b>Approval Date</b>	<b>Approved Amount (as Amended)</b>
1	June, 1992	\$ 92,714
2	August, 1994	140,717
3	June, 1998	36,377
4	April, 1999	47,801
5	August, 1999	112,533
6	April, 2003	759,734
7	April, 2003	14,479
8	August, 2005	147,986
9	February, 2006	8,659
10	May, 2008	101,472
11	March, 2014	52,827
12	September, 2015	40,796
13	January, 2017	65,212
14	September, 2017	126,557
		<u>\$ 1,747,864</u>

PFC applications one through five and PFC application 9 are fully funded and have been closed out.

PFC's, which are recognized as earned, are included in nonoperating revenues and amounted to approximately \$73,390,000 and \$72,273,000 for 2017 and 2016, respectively.



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### Intangible Assets

The Commission has incurred, and continues to incur, substantial costs in relation to its ongoing Part 150 Sound Insulation Program. The Sound Insulation Program pays for a home within the airport's impacted noise area to be sound insulated with respect to doors, window treatments, etc., with no further cash outlay required by the Commission. Because the Commission receives an avigation release from each affected homeowner in return for providing sound insulation improvements, the associated costs are being recorded as an intangible asset and amortized to expense over a ten-year period, which approximates the estimated useful lives of such improvements. Amortization expense for capitalized Part 150 Sound Insulation expenses was \$11,526,000 and \$11,964,000 for the years ended December 31, 2017 and 2016, respectively. This amortization expense is included as a component of depreciation expense on the statements of revenues, expenses and changes in net position. The unamortized costs included in airport improvements and buildings at December 31, 2017 and 2016 was approximately \$47,180,000 and \$58,706,000, respectively.

#### Airports and Facilities

As required under Chapter 500, Laws of Minnesota 1943—the law under which the Commission was created—certain capital assets, classified as land and airport improvements and buildings, were contributed by the cities of Minneapolis and St. Paul. Fee title to the land and improvements remain with the two cities.

Additions to capital assets are recorded at cost, unless contributed, in which case such additions are recorded at acquisition value as of the date of acquisition.

It is the Commission's policy to amortize the carrying amount of its capital assets, including those acquired using government grants in aid of construction and passenger facility charges, over their estimated useful lives on a straight-line basis by annual depreciation charges to expense. Estimated useful lives on depreciable capital assets are as follows:

Airport improvements and buildings	10-40 years
Moveable equipment	3-15 years

Costs incurred for major improvements are carried in construction in progress until disposition or completion of the related projects. Costs relating to projects not pursued are expensed, while costs relating to completed projects are capitalized. The capitalization threshold for capital assets is \$10,000.

#### Capitalized Interest

Interest capitalized on projects funded by internally generated funds is based on the weighted-average borrowing rate of the Commission and actual project expenditures during the period of construction. Interest capitalized on projects funded from bond proceeds is based on the interest cost of the specific borrowing, less interest earned on undisbursed invested funds during the construction period. Interest is not capitalized on project costs that are reimbursed by government grants in aid of construction or PFCs.

Total interest expense was approximately \$48,949,000 and \$62,238,000 for the years ended December 31, 2017 and 2016, respectively, while interest capitalized as part of the cost of constructed assets was approximately \$3,735,000 and \$2,051,000, respectively.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### Compensated Absences

In accordance with the vesting method provided under GASB Statement No. 16, *Accounting for Compensated Absences*, accumulated vacation and personal time is accrued based on assumptions concerning the probability that certain employees will become eligible to receive these benefits in the future.

Substantially all employees receive compensation for vacations, holidays, illness and certain other qualifying absences. Liabilities relating to these absences are recognized as incurred and included in employee compensation, payroll taxes and other on the statements of net position.

#### Pensions

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the General Employees Retirement Fund and the Public Employees Police and Fire Fund (cost-sharing, multiple-employer defined benefit plans administered by the Public Employees Retirement Association of Minnesota in which the Commission participates) and additions to/deductions from the plans' fiduciary net position have been determined on the same basis as they are reported by the plans. For this purpose, plan contributions are recognized as of employer payroll paid dates and benefit payments and refunds are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

#### Unearned Revenue

Unearned revenue represents advance interest payments on direct financing leases received from certain airlines, which will be recognized as investment income over the term of the lease agreement, as well as the unearned portion of annual taxi permits.

#### Deferred Outflows of Resources

As of December 31, 2017 and 2016, deferred outflows of resources consisted of the following components (dollars in thousands):

	<u>2017</u>	<u>2016</u>
Net difference between projected and actual earnings on pension plan investments - pensions	\$ -	\$ 13,440
Differences between expected and actual experience - pensions	2,242	253
Changes of assumptions - pensions	32,221	47,124
Changes in proportion and differences in contributions - pensions	5,192	10,205
Commission's contributions made subsequent to the measurement date - pensions	3,741	3,795
Deferred loss on refundings of debt	<u>18,492</u>	<u>20,172</u>
Total deferred outflows of resources	<u>\$ 61,888</u>	<u>\$ 94,989</u>

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### Deferred Inflows of Resources

As of December 31, 2017 and 2016, deferred inflows of resources consisted of the following components (dollars in thousands):

	<u>2017</u>	<u>2016</u>
Net difference between projected and actual earnings on pension plan investments - pensions	\$ 3,834	\$ -
Differences between expected and actual experience - pensions	8,026	12,373
Changes of assumptions - pensions	29,029	-
Changes in proportion and differences in contributions - pensions	7,285	1,691
Accumulated increase in fair value of forward delivery agreements	7,241	8,192
Deferred gains on refundings of debt	304	328
	<u>          </u>	<u>          </u>
Total deferred inflows of resources	<u>\$ 55,719</u>	<u>\$ 22,584</u>

#### Original Issue Discounts/Premiums

Original issue discounts/premiums on bonds are generally being amortized using the effective interest method over the lives of the bonds to which they relate.

#### Net Position

GASB Statement No. 34 establishes standards for external financial reporting for state and local governments and requires that resources be classified for accounting and reporting purposes into the following three net position categories:

- Net investment in capital assets: reflects the Commission's investment in capital assets, net of accumulated depreciation and outstanding balances of debt attributable to the acquisition, construction or improvements of those assets. To the extent debt has been incurred but not yet expended for capital assets, such amounts are not included as a component of net investment in capital assets.
- Restricted: represent resources for which the Commission is legally or contractually obligated to spend in accordance with restrictions imposed by external third parties.
- Unrestricted: represent resources that are not subject to externally imposed stipulations that may be used to meet the Commission's ongoing obligations to the public and creditors. Unrestricted resources may be designated for specific purposes by action of the management or the governing board of the Commission.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

#### **Rental Income**

Rental income is generally recognized as it becomes receivable over the respective lease terms. The Commission may, from time to time, have leases which provide for waived rent during the initial period of the lease term and/or rental escalations throughout the lease term. In accordance with GASB Statement No. 13, *Accounting for Operating Leases with Scheduled Rent Increases*, the related rental income for leases in which the rental income stream is not systematic, if significant, is reported using the straight-line method rather than using the terms of the lease agreements.

#### **Customer Facility Charges**

With respect to on-airport rental car companies, the Commission is assessing a customer facility charge (CFC) per transaction day to recover the rental car portion of capital costs associated with the construction of the auto rental/public parking garage located adjacent to Terminal 1 (formerly the Lindbergh Terminal), as well as to recover certain maintenance costs relating to the auto rental facilities. During 2016, the Commission increased the fee to \$5.90 per rental car transaction per day from \$3.25, due to the construction of a new auto rental/public garage adjacent to Terminal 1.

#### **NOTE B: DEPOSITS AND INVESTMENTS**

##### **Cash Deposits**

Custodial credit risk is the risk that in the event of a bank failure, the Commission's deposits may not be returned to it. Minnesota Statutes require that all Commission deposits be protected by insurance, surety bond, or collateral. The fair value of collateral pledged must equal 110% of the deposits not covered by insurance or bonds (140% for mortgage notes pledged). Authorized collateral includes allowable investments as discussed below, certain first mortgage notes, and certain other state or local government obligations. Minnesota Statutes require that securities pledged as collateral be held in safekeeping by the Commission or in a financial institution other than that furnishing the collateral.

The Commission's interest-bearing deposit accounts are insured up to \$250,000 by the Federal Deposit Insurance Corporation (FDIC). For 2017 and 2016, cash deposits were entirely insured or collateralized by securities held in the Commission's name by a financial institution (Commission's agent) other than that furnishing the collateral.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

#### Investments

The Commission may invest idle funds as authorized by Minnesota Statute, Section 118A, and the Commission's internal investment policy in the following:

- a) Securities which are direct obligations or are guaranteed or insured issues of the United States, its agencies, its instrumentalities, or organizations created by an act of Congress, except mortgage-backed securities defined as high risk by Minnesota Statute, Section 118A.04 subd. 6;
- b) Mutual funds through shares of registered investment companies, provided the mutual fund receives certain ratings depending on its investments;
- c) General obligations of municipalities and certain state agency and local obligations of other states, provided such obligations have certain specified bond ratings by a national bond rating service;
- d) Bankers' acceptances of United States banks;
- e) Commercial paper issued by United States corporations or their Canadian subsidiaries that is rated in the highest quality category by two national rating agencies and matures in 270 days or less; and
- f) With certain restrictions, in repurchase agreements, security lending agreements, joint powers investment trusts, and guaranteed investment contracts.

The Commission addresses certain investment-related risks to which it is currently exposed as follows:

**Interest rate risk** - the risk that changes in interest rates of debt investments will adversely affect the fair value of an investment. The Commission has a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses from increasing interest rates. The Commission may not invest in securities maturing more than four years from the date of purchase unless the security is for post-retirement health care funding, which may have an average portfolio life of no more than 12 years. The Commission manages interest rate risk by maintaining sufficient liquidity to enable the Commission to meet anticipated cash requirements. The money market mutual funds are presented as an investment with a maturity of less than one year because they are redeemable in full immediately.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

The maturity ranges and credit ratings for the Commission's investment securities at December 31, 2017 and 2016 follow (dollars in thousands):

Security Type	Ratings S&P / Moody's	December 31, 2017 Maturing in Years				Total
		Less than 1	1 - 5	6 - 10	More than 10	
U.S. Treasury Security Notes	AA+/Aa1	\$ 283,182	\$ 27,786	\$ 2,735	\$ -	\$ 313,703
U.S. Treasury Security Bills	A-1/P-1	105,881	-	-	-	105,881
Government-Sponsored Enterprises						
Federal Farm Credit Bank	AA+ / Aaa	8,256	28,890	-	-	37,146
Federal Home Loan Mortgage Corporation	AA+ / Aaa	10,498	32,506	198	-	43,202
Federal Home Loan Mortgage Corporation	Not Rated	-	1,396	520	5,015	6,931
Federal National Mortgage Association	AA+ / Aaa	15,737	68,577	1,930	-	86,244
Federal National Mortgage Association	Not Rated	-	-	991	8,422	9,413
Federal Home Loan Bank	AA+ / Aaa	142,678	196,354	1,343	-	340,375
Municipal Bonds:						
	AAA / Aaa	2,017	1,070	538	-	3,625
	AAA / Aa1	-	352	658	-	1,010
	AAA / N/R	-	1,075	-	-	1,075
	AA+ / Aa2	-	-	250	-	250
	AA+ / Aa1	-	2,882	167	-	3,049
	AA+ / N/R	-	2,510	-	-	2,510
	AA / Aa2	-	4,111	132	-	4,243
	AA / Aa1	219	-	-	-	219
	AA / N/R	-	624	-	-	624
	AA- / Aa3	-	502	-	-	502
	AA- / Aa2	-	4,995	-	-	4,995
	AA- / Aa1	-	1,512	-	-	1,512
	A+ / Aa3	-	1,733	120	-	1,853
	A+ / Aa1	-	101	-	-	101
	N/R / Aa3	-	1,373	-	-	1,373
	N/R / Aa2	-	2,534	-	-	2,534
	N/R / Aa1	-	1,540	-	-	1,540
Money Market Mutual Funds	AAA m / N/R	137,561	-	-	-	137,561
Totals		\$ 706,029	\$ 382,423	\$ 9,582	\$ 13,437	\$ 1,111,471

Security Type	Ratings S&P / Moody's	December 31, 2016 Maturing in Years				Total
		Less than 1	1 - 5	6 - 10	More than 10	
U.S. Treasury Security Notes	AA+/Aa1	\$ 23,724	\$ 289,821	\$ -	\$ -	\$ 313,545
U.S. Treasury Security Bills	A-1/P-1	125,628	-	-	-	125,628
Government-Sponsored Enterprises						
Federal Farm Credit Bank	AA+ / Aaa	10,747	23,430	-	-	34,177
Federal Home Loan Mortgage Corporation	AA+ / Aaa	3,992	43,559	-	-	47,551
Federal National Mortgage Association	AA+ / Aaa	96,801	77,511	-	-	174,312
Federal National Mortgage Association	Not Rated	1,286	-	-	-	1,286
Federal Home Loan Bank	AA+ / Aaa	71,207	250,785	-	-	321,992
Municipal Bonds:						
	AAA / Aaa	-	3,055	-	-	3,055
	AA+ / Aa3	1,334	-	-	-	1,334
	AA+ / Aa1	-	2,550	-	-	2,550
	AA / Aa2	-	3,567	-	-	3,567
	AA- / Aa3	-	502	-	-	502
	AA- / Aa2	-	2,113	-	-	2,113
	AA- / Aa1	-	1,526	-	-	1,526
	N/R / Aa1	-	1,085	-	-	1,085
	N/R / A1	333	-	-	-	333
Money Market Mutual Funds	Not Rated	147,494	-	-	-	147,494
Totals		\$ 482,546	\$ 699,504	\$ -	\$ -	\$ 1,182,050

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

**Credit risk** - the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Commission's investment policy addresses credit risk through adherence to Minnesota Statute 118A, which limits the types of investment instruments that may be purchased by the Commission. This statute generally provides that public funds may only be invested in United States' securities, any security that is a general obligation of a state or local government rated "A" or better by a nationally recognized rating agency, any security that is a revenue obligation of a state or local government rated "AA" or better, a general obligation of the Minnesota Housing Finance Agency that is rated "A" or better, commercial paper issued by United States' corporations or their Canadian subsidiaries that is rated in the highest quality category by at least two nationally recognized rating agencies and matures in 270 days or less, and time deposits fully insured by the FDIC. The ratings of the Commission's debt investments are shown in the tables above.

**Concentration of credit risk** - the Commission requires a diversified investment portfolio to avoid risk of losses resulting from an over-concentration of assets in a specific maturity, issuer, or class of securities.

In respect to U.S. government agency obligations and government-sponsored enterprises, the Commission places no limit on the amount that may be invested in any one issuer. The Commission cannot hold more than 30% of its portfolio in commercial paper, 25% in any state or local government obligation, or 4% in any one corporation. The U.S. government-sponsored enterprise securities held by the Commission are not explicitly guaranteed by the U.S. Government and are subject to concentration of credit risk.

At December 31, 2017 and 2016, the following investments represent more than 5% of total investments:

	<u>12/31/17</u>	<u>12/31/16</u>
Government-Sponsored Enterprises:		
Federal Home Loan Bank	31%	27%
Federal National Mortgage Association	9%	15%

**Custodial credit risk** - the risk that, in the event of the failure of the counterparty, the Commission will not be able to recover the value of its investments or collateral securities that are in possession of an outside party. At December 31, 2017 and 2016, none of the Commission's investments were exposed to custodial credit risk.

**Foreign currency risk** - the risk of adverse effects on the fair value of an investment from changes in exchange rates. The Commission's investment policy does not allow investments in foreign investments, thus the Commission has no foreign currency risk with respect to its deposits or investments.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

The Commission's cash, cash equivalents and investments are reported as follows in the statements of net position at December 31 (dollars in thousands):

	<u>2017</u>	<u>2016</u>
Cash and cash equivalents - unrestricted	\$ 7,995	\$ 4,876
Investments - unrestricted	402,769	333,737
Investments, current - restricted	95,032	100,306
Investments, noncurrent - restricted	<u>613,670</u>	<u>748,007</u>
Total cash, cash equivalents and investments	<u>\$ 1,119,466</u>	<u>\$ 1,186,926</u>

Investment income for the Commission for the years ended December 31 consisted of the following (dollars in thousands):

	<u>2017</u>	<u>2016</u>
Investment income from leases	\$ 3,742	\$ 3,914
Investment income from investments	15,527	12,375
Net decrease in fair value of investments	<u>(6,963)</u>	<u>(3,655)</u>
	<u>\$ 12,306</u>	<u>\$ 12,634</u>

### NOTE C: DISCLOSURE ABOUT FAIR VALUE OF ASSETS AND LIABILITIES

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements must maximize the use of observable inputs and minimize the use of unobservable inputs. There is a hierarchy of three levels of inputs that may be used to measure fair value:

- Level 1** Quoted prices in active markets for identical assets or liabilities
- Level 2** Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities
- Level 3** Unobservable inputs supported by little or no market activity and are significant to the fair value of the assets or liabilities



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

### Recurring Measurements

The following tables present the fair value measurements of assets and liabilities (if any) recognized in the accompanying financial statements measured at fair value on a recurring basis and the level within the fair value hierarchy in which the fair value measurements fall at December 31, 2017 and 2016 (dollars in thousands):

	Fair Value Measurements Using			
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
<b>December 31, 2017</b>				
Investments by fair value level				
U.S. Treasury Security Notes	\$ 313,703	\$ 313,703	\$ -	\$ -
U.S. Treasury Security Bills	105,881	105,881	-	-
U.S. Government-Sponsored Enterprise securities	523,311	-	523,311	-
Municipal securities	31,015	-	31,015	-
Money market mutual funds	137,561	137,561	-	-
Total investments by fair value level	<u>\$ 1,111,471</u>	<u>\$ 557,145</u>	<u>\$ 554,326</u>	<u>\$ -</u>
Derivative instruments				
Forward delivery agreements	<u>\$ 7,241</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 7,241</u>

	Fair Value Measurements Using			
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
<b>December 31, 2016</b>				
Investments by fair value level				
U.S. Treasury Security Notes	\$ 313,545	\$ 313,545	\$ -	\$ -
U.S. Treasury Security Bills	125,628	125,628	-	-
U.S. Government-Sponsored Enterprise securities	579,318	-	579,318	-
Municipal securities	16,065	-	16,065	-
Money market mutual funds	147,494	147,494	-	-
Total investments by fair value level	<u>\$ 1,182,050</u>	<u>\$ 586,667</u>	<u>\$ 595,383</u>	<u>\$ -</u>
Derivative instruments				
Forward delivery agreements	<u>\$ 8,192</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 8,192</u>

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### Investments

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. If quoted market prices are not available, then fair values are estimated by using quoted prices of securities with similar characteristics or independent asset pricing services and pricing models, the inputs of which are market-based or independently sourced market parameters, including, but not limited to, yield curves, interest rates, volatilities, prepayments, defaults, cumulative loss projections and cash flows. Such securities are classified in Level 2 of the valuation hierarchy. In certain cases where Level 1 or Level 2 inputs are not available, securities are classified within Level 3 of the hierarchy.

#### Derivative Investments

The fair values of the forward delivery agreements are estimated by the counterparty using a proprietary model and, therefore, are classified within Level 3 of the valuation hierarchy.

#### NOTE D: RESTRICTED CASH, CASH EQUIVALENTS AND INVESTMENTS

Cash, cash equivalents and investments at December 31 are restricted as follows (dollars in thousands):

	<u>2017</u>	<u>2016</u>
Coverage Account	\$ 17,013	\$ 17,013
Police Federal Forfeiture Fund	788	794
Police State Forfeiture Fund	83	109
Passenger Facility Charges Funds	168,793	219,984
911 Emergency Communications Fund	45	76
Solar Panel Construction Funds	2	1,532
Revenue Bond Interest and Principal Funds	95,032	71,913
Revenue Bond Reserve Funds	107,732	107,135
Revenue Bonds Construction Funds	309,836	401,364
Revenue Bond Cost of Issuance Funds	-	1,393
Revolving Loan Debt Service Funds	-	27,000
Revolving Loan Construction Funds	9,378	-
	<u>\$ 708,702</u>	<u>\$ 848,313</u>

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### NOTE E: GRANTS RECEIVABLE

Grants receivable from government agencies represent reimbursements due from the federal government and/or the State of Minnesota for allowable costs incurred on federal and state award programs. Grants receivable at December 31 consists of (dollars in thousands):

	2017	2016
Federal Aviation Administration	\$ 2,038	\$ 4,472
Transportation Security Administration	2,551	3,346
State of Minnesota	406	1,889
	\$ 4,995	\$ 9,707

#### NOTE F: CAPITAL ASSETS

Changes in capital assets by major classification are as follows (dollars in thousands):

	Balance January 1, 2017	Additions	Transfers In (Out)	Retirements or Disposals	Balance December 31, 2017
Capital assets - not depreciated:					
Land	\$ 367,973	\$ -	\$ -	\$ (12,204)	\$ 355,769
Construction in progress	118,681	254,423	(82,252)	-	290,852
Total capital assets - not depreciated	486,654	254,423	(82,252)	(12,204)	646,621
Capital assets - depreciated:					
Airport improvements and buildings	4,097,955	154	77,534	-	4,175,643
Less: accumulated depreciation	(2,117,962)	(133,321)	-	-	(2,251,283)
Net airport improvements and buildings	1,979,993	(133,167)	77,534	-	1,924,360
Movable equipment	166,641	4,544	4,718	(3,087)	172,816
Less: accumulated depreciation	(111,944)	(9,649)	-	2,979	(118,614)
Net movable equipment	54,697	(5,105)	4,718	(108)	54,202
Total capital assets - depreciated	2,034,690	(138,272)	82,252	(108)	1,978,562
Net capital assets	\$ 2,521,344	\$ 116,151	\$ -	\$ (12,312)	\$ 2,625,183

	Balance January 1, 2016	Additions	Transfers In (Out)	Retirements or Disposals	Balance December 31, 2016
Capital assets - not depreciated:					
Land	\$ 363,824	\$ 7,691	\$ -	\$ (3,542)	\$ 367,973
Construction in progress	140,092	209,586	(230,997)	-	118,681
Total capital assets - not depreciated	503,916	217,277	(230,997)	(3,542)	486,654
Capital assets - depreciated:					
Airport improvements and buildings	3,863,710	8,215	226,030	-	4,097,955
Less: accumulated depreciation	(1,987,711)	(130,251)	-	-	(2,117,962)
Net airport improvements and buildings	1,875,999	(122,036)	226,030	-	1,979,993
Movable equipment	156,112	6,588	4,967	(1,026)	166,641
Less: accumulated depreciation	(103,991)	(8,975)	-	1,022	(111,944)
Net movable equipment	52,121	(2,387)	4,967	(4)	54,697
Total capital assets - depreciated	1,928,120	(124,423)	230,997	(4)	2,034,690
Net capital assets	\$ 2,432,036	\$ 92,854	\$ -	\$ (3,546)	\$ 2,521,344

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### NOTE G: LONG-TERM DEBT

The Commission's long-term debt at December 31, 2017 and 2016 consisted of the following (dollars in thousands):

Type of Issue	Issue Date	Interest Rates	Maturing on January 1	Maturity Amounts	2017	2016
<b>General Airport Revenue Bonds</b>						
<b>Series 2009A *</b>	11/10/2009	4.000%	2018 - 2019	\$ 4,535		
Original amount - \$23,075		5.000%	2020 - 2021	4,920		
		4.125%	2022	205	\$ 9,660	\$ 11,795
<b>Series 2009B *</b>	11/10/2009	4.500%	2018	2,000		
Original amount - \$128,835		5.000%	2018	10,465		
		4.700%	2019	2,000		
		5.000%	2019	11,075		
		4.800%	2020	2,000		
	5.000%	2020 - 2022	29,955	57,495	69,365	
<b>Series 2010A *</b>	7/28/2010	5.000%	2028	1,460		
Original amount - \$62,210		4.000%	2028	3,090		
		5.000%	2029	2,000		
		4.000%	2029	5,155		
		5.000%	2030	2,325		
		4.125%	2030	5,135		
	5.000%	2031 - 2035	43,045	62,210	62,210	
<b>Series 2010B *</b>	7/28/2010	5.000%	2018 - 2026	46,925		
Original amount - \$73,475		4.000%	2027 - 2028	8,915	55,840	59,895
<b>Series 2010C **</b>	10/01/2010	3.500%	2018	655		
Original amount - \$21,600		5.000%	2019 - 2021	2,145		
		3.250%	2022 - 2023	1,595		
		3.500%	2024	55	4,450	5,085
<b>Series 2010D (AMT) **</b>	10/01/2010	5.000%	2018 - 2022	24,650		
Original amount - \$68,790		4.000%	2023	5,690		
		4.125%	2024	1,010	31,350	35,605
<b>Series 2011A **</b>	10/04/2011	5.000%	2018 - 2023	31,075		
Original amount - \$52,015		3.500%	2024	6,115		
		5.000%	2025	6,330	43,520	47,870
<b>Series 2012A (Taxable) **</b>	11/20/2012	2.238%	2018	5,755		
Original amount - \$39,770		2.438%	2019	5,880		
		2.755%	2020	6,025	17,660	23,310
<b>Series 2012B **</b>	11/20/2012	5.000%	2026 - 2031	42,015	42,015	42,015
Original amount - \$42,015						
<b>Series 2014A **</b>	10/08/2014	5.000%	2018 - 2035	209,900	209,900	214,520
Original amount - \$217,790						
<b>Series 2014B ** (AMT)</b>	10/08/2014	5.000%	2018 - 2035	38,840	38,840	42,740
Original amount - \$46,590						

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

Type of Issue	Issue Date	Interest Rates	Maturing on January 1	Maturity Amounts	2017	2016
<b>Series 2016A *</b>	10/04/2016	3.000%	2025	\$ 1,150		
Original amount - \$330,690		5.000%	2025	40,110		
		4.000%	2026	10,000		
		5.000%	2026 - 2032	279,430	\$ 330,690	\$ 330,690
<b>Series 2016B **</b>	10/04/2016	3.000%	2018	1,370		
Original amount - \$152,190		5.000%	2018 - 2020	42,200		
		3.000%	2021	3,050		
		5.000%	2021 - 2022	38,225		
		4.000%	2023	5,125		
		5.000%	2023	24,970		
		3.000%	2024	5,075		
		5.000%	2024	32,175	152,190	152,190
<b>Series 2016C *</b>	12/10/2016	4.000%	2019 - 2021	11,390		
Original amount - \$207,250		5.000%	2022 - 2046	195,860	207,250	207,250
<b>Series 2016D (AMT) **</b>	12/10/2016	4.000%	2018	500		
Original amount - \$23,410		5.000%	2019 - 2037	16,890		
		5.000%	2041	6,020	23,410	23,410
<b>Series 2016E (Taxable) **</b>	12/10/2016	1.720%	2019	8,595		
Original amount - \$171,690		2.050%	2020	8,740		
		2.392%	2021	8,920		
		2.542%	2022	9,135		
		2.893%	2023	9,365		
		3.093%	2024	9,640		
		3.296%	2025	9,935		
		3.396%	2026	10,265		
		3.546%	2027	10,610		
		3.746%	2028	10,990		
		3.796%	2029	11,400		
		3.896%	2030	11,835		
		3.996%	2031	12,295		
		4.096%	2032	12,785		
		4.196%	2033	13,310		
		4.246%	2034	13,870		
<b>Total General Airport Revenue Bonds</b>					<u>171,690</u>	<u>171,690</u>
					1,458,170	1,499,640
<b>Notes Payable</b>					<u>84,973</u>	<u>88,454</u>
Unamortized premium, net					1,543,143	1,588,094
Current portion of long-term debt					166,273	186,316
					<u>(58,511)</u>	<u>(86,133)</u>
<b>Total Long-Term Bonds and Notes Payable</b>					<u>\$ 1,650,905</u>	<u>\$ 1,688,277</u>

\* Senior General Airport Revenue Bonds

\*\* Subordinate General Airport Revenue Bonds

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

Future debt service requirements as of December 31, 2017 are as follows (dollars in thousands):

	Notes Payable	General Airport Revenue Bonds	Total Debt Outstanding	Interest	Total Principal and Interest
2018	\$ 3,121	\$ 55,390	\$ 58,511	\$ 69,038	\$ 127,549
2019	3,382	69,325	72,707	66,226	138,933
2020	41,231	72,275	113,506	63,057	176,563
2021	3,056	69,260	72,316	59,814	132,130
2022	3,033	72,420	75,453	56,477	131,930
2023 - 2027	11,423	419,465	430,888	226,080	656,968
2028 - 2032	10,615	462,260	472,875	113,926	586,801
2033 - 2037	9,112	132,985	142,097	38,579	180,676
2038 - 2042	-	55,515	55,515	19,368	74,883
2043 - 2046	-	49,275	49,275	5,078	54,353
	<u>\$ 84,973</u>	<u>\$ 1,458,170</u>	<u>\$ 1,543,143</u>	<u>\$ 717,643</u>	<u>\$ 2,260,786</u>

The Commission's General Airport Revenue Bonds are not general obligations, but are limited obligations of the Commission payable solely from and secured by a pledge of net revenues. Neither the full faith and credit nor the taxing power of the Commission, the City of Minneapolis, the City of St. Paul, the State, or any political subdivision or public agency of the State, other than the Commission, to the extent of net revenues, is pledged to the payment of the General Airport Revenue Bonds. The proceeds of these issues have been used to finance a portion of the Commission's long-term capital improvement program, which details the expansion of the airport system.

On October 4, 2016, the Commission issued \$330,690,000 of Series 2016A Senior Airport Revenue Refunding Bonds (Non-AMT) and \$152,190,000 of Series 2016B Subordinate Airport Revenue Refunding Bonds (Non-AMT) to current refund and defease \$451,465,000 of the Series 2007A Senior Airport Revenue Refunding Bonds and \$196,346,000 of the Series 2007B Subordinate Airport Revenue Refunding Bonds. As a result of this refunding, the Commission reduced its total debt service requirements by \$164,340,453, which resulted in an economic gain (the difference between the present values of the debt service payments on the old and new debt) in the amount of \$138,659,212. The Commission recognized an accounting loss of \$15,336,985 in connection with this refunding that is reflected as a deferred outflow of resources in the statements of net position and is being amortized to interest expense on a straight-line basis through January 1, 2032.

On December 20, 2016, the Commission issued three new series of General Airport Revenue Bonds. The Series 2016C Senior Airport Revenue Bonds (Non-AMT) and Series 2016E Subordinate Airport Revenue Bonds (Taxable) were issued for \$207,250,000 and \$171,690,000, respectively, and the proceeds are being used to construct a new parking garage, which includes public parking and an auto rental facility. The Series 2016D Subordinate Airport Revenue Bonds (AMT) were issued for \$23,410,000 and the proceeds were used to repay a portion of the outstanding revolving line of credit.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

The Commission had a \$75,000,000 revolving line of credit that expired on November 3, 2017. On October 26, 2017, the Commission entered into a new \$150,000,000 revolving line of credit agreement with a different lender. The new line of credit is to be used to fund certain capital improvement program projects and is secured by a subordinate pledge of the Commission's net revenues. Each advance under the revolving line of credit is evidenced by a separate promissory note. Interest is payable monthly and varies with the sum of the Taxable London Interbank Offered Rate (LIBOR) and an applicable spread based on the Commission's long-term credit ratings or the sum of 70% of the Tax-Exempt LIBOR plus an applicable spread based on the Commission's long-term credit ratings and a margin rate factor, and expires on October 26, 2020. The interest rate on the Commission's revolving line of credit was 1.28% and 0.97% on December 31, 2017 and 2016, respectively, and there was \$38,020,000 and \$40,648,500 in outstanding notes at December 31, 2017 and 2016, respectively. These amounts are included in notes payable in the statements of net position.

The Commission has entered into Taxable Equipment Lease/Purchase Agreements to finance the solar panels on top of parking ramps at Terminal 1 and 2. The principal amount of these agreements qualifies as a new clean renewable energy bond (NCREB) or a qualified energy conservation bond (QECB), both of which are eligible for a direct interest rate subsidy from the federal government. The effective net interest rates range from 0.53% to 1.09%, with scheduled payments through 2035 and 2036. At December 31, 2017 and 2016, there was \$32,614,000 and \$34,031,000, respectively, in outstanding notes payable.

The Commission enters into Tax-Exempt Lease/Purchase Agreements each year to finance the acquisition of equipment, primarily heavy equipment and vehicles. Scheduled payments under these lease/purchase agreements extend through October 2026 with various maturity dates beginning in 2018. The interest rates ranged from 1.12% to 4.57%, and there was \$14,338,100 and \$17,552,700 in outstanding notes payable at December 31, 2017 and 2016, respectively.

### NOTE H: CHANGES IN LONG-TERM LIABILITIES

Long-term liability activity for the years ended December 31, 2017 and 2016 was as follows (dollars in thousands):

	Balance January 1, 2017	Additions	Retirements and Other	Balance December 31, 2017	Current Portion
Unearned revenue	\$ 2,503	\$ 1,782	\$ (1,437)	\$ 2,848	\$ 2,079
Employee compensation and other	11,074	80,123	(79,655)	11,542	9,065
Postemployment medical	62,154	5,661	(3,941)	63,874	-
Notes payable	88,454	41,799	(45,280)	84,973	3,121
Bonds payable, including premiums	1,685,956	-	(61,513)	1,624,443	55,390
Net pension liabilities	131,753	17,266	(76,248)	72,771	-
	<u>\$ 1,981,894</u>	<u>\$ 146,631</u>	<u>\$ (268,074)</u>	<u>\$ 1,860,451</u>	<u>\$ 69,655</u>

**MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION**

**NOTES TO THE FINANCIAL STATEMENTS**

**Financial Section**

Fiscal years ended December 31, 2017 and 2016

	<b>Balance January 1, 2016</b>	<b>Additions</b>	<b>Retirements and Other</b>	<b>Balance December 31, 2016</b>	<b>Current Portion</b>
Unearned revenue	\$ 2,389	\$ 1,476	\$ (1,362)	\$ 2,503	\$ 1,605
Employee compensation and other	9,990	77,646	(76,562)	11,074	8,628
Postemployment medical	60,623	5,203	(3,672)	62,154	-
Notes payable	90,857	3,194	(5,597)	88,454	44,663
Bonds payable, including premiums	1,362,033	1,027,199	(703,276)	1,685,956	41,470
Net pension liabilities	68,428	83,832	(20,507)	131,753	-
	<u>\$ 1,594,320</u>	<u>\$ 1,198,550</u>	<u>\$ (810,976)</u>	<u>\$ 1,981,894</u>	<u>\$ 96,366</u>

**NOTE I: DIRECT FINANCING LEASES**

The Commission leases certain facilities to tenants under self-liquidating lease agreements. Self-liquidating lease agreements require the lessee to pay annual rentals equal to the debt service requirements of the bonds issued to construct the facilities, or the debt service requirements that would have been required if bond financing was used. These leases are classified as direct financing leases and expire in various years through 2030. The Commission records the interest portion of the lease payments as investment income. The following lists the components of the Commission's direct financing leases as of December 31 (dollars in thousands):

	<b>2017</b>	<b>2016</b>
Total minimum lease payments to be received	\$ 50,232	\$ 58,509
Less: Unearned income	<u>(16,010)</u>	<u>(19,633)</u>
Leases receivable - current and noncurrent	<u>\$ 34,222</u>	<u>\$ 38,876</u>

As of December 31, 2017, future minimum lease payments are as follows (dollars in thousands):

2018	\$ 8,339
2019	8,403
2020	8,403
2021	8,143
2022	6,283
2023 - 2027	9,267
2028 - 2030	<u>1,394</u>
	<u>\$ 50,232</u>



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### NOTE J: DERIVATIVE FINANCIAL INSTRUMENTS

The Commission is a party to two debt service reserve forward delivery agreements (the Forward Delivery Agreements). The Forward Delivery Agreements require the counterparty financial institutions to deposit securities in certain of the Commission's debt service reserve trust accounts and provide the Commission with a guaranteed rate of return for these accounts. The securities that are deposited into these accounts are timed to meet scheduled debt service reserve funding requirements.

Eligible securities under the Forward Delivery Agreements are generally limited to: (a) non-callable obligations of the United States of America, including obligations issued or held in book-entry form on the books of the Department of Treasury and (b) bonds, notes, debentures, obligations or other evidence of indebtedness issued or guaranteed by the Federal National Mortgage Association or Federal Home Loan Mortgage Corporation.

#### Objective of the Forward Delivery Agreements

The Forward Delivery Agreements allow the Commission to earn a guaranteed fixed rate of return over the life of the investments. These agreements are utilized by the Commission to earn a rate of return in excess of a rate that would otherwise be feasible by investing in securities with a shorter term.

#### Terms

The general terms of each agreement are set forth in the table below (dollars in thousands):

	Effective Date of Agreement	Termination Date	Scheduled Amount	Guaranteed Rate	Fair Value at December 31, 2017	Fair Value at December 31, 2016
Series 2009 Debt Service Reserve Funds	5/18/2000	1/1/2021	\$ 2,228	6.1600%	\$ 255	\$ 1,273
Series 2014 Debt Service Reserve Funds	11/1/2005	1/1/2035	23,182	4.6775%	6,986	6,919
					<u>\$ 7,241</u>	<u>\$ 8,192</u>

#### Fair Value

The fair value of each Forward Delivery Agreement is based on the value of the future discounted cash flows expected to be received over the life of the agreement relative to an estimate of discounted cash flows that could be received over the same term based on current market conditions. The fair values of the Forward Delivery Agreements are classified as a noncurrent asset. As the Forward Delivery Agreements are effective hedging instruments, the offsetting balances are reflected as deferred inflows of resources.

#### Credit Risk

Credit risk is the risk that the counterparty will not fulfill its obligations. Under the terms of the Forward Delivery Agreements, the Commission is either holding cash or an approved security within certain debt service reserve funds. None of the principal amount of an investment under the Forward Delivery Agreements is at risk to the credit of the counterparty. Should the counterparty default, the Commission's maximum exposure is the positive termination value, if any, related to these agreements.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair values of the Commission's financial instruments or cash flows. The fair values of the Forward Delivery Agreements are expected to fluctuate over the life of the agreements in response to changes in interest rates. The Commission does not have a formally adopted policy related for interest rate risk on the Forward Delivery Agreements.

#### Termination Risk

The Commission or the counterparties may terminate the Forward Delivery Agreements if the other party fails to perform under the terms of the contract. If the Forward Delivery Agreements have a negative fair value at the time of termination, the Commission would be liable to the counterparty for a payment equivalent to the fair value of the instrument at the time of termination.

#### NOTE K: PENSION AND RETIREMENT PLANS

The Commission participates in the following cost-sharing multiple-employer defined benefit pension plans: the General Employees Retirement Fund (GERF) and the Public Employees Police and Fire Fund (PEPFF). Both of these plans are administered by the Public Employees Retirement Association of Minnesota (PERA) in accordance with Minnesota Statutes, Chapters 353 and 356. PERA's defined benefit pension plans are tax qualified plans under Section 401(a) of the Internal Revenue Code.

#### Plan Descriptions

##### GERF

All full-time and certain part-time employees of the Commission are covered by the GERF Coordinated Plan. General Employees Plan members belong to either the Coordinated Plan or the Basic Plan. Coordinated Plan members are covered by Social Security and Basic Plan members are not. The Basic Plan was closed to new members in 1967. All new GERF members must participate in the Coordinated Plan.

##### PEPFF

Originally established for police officers and firefighters not covered by a local relief association, PEPFF now covers all police officers and firefighters hired since 1980. Effective July 1, 1999, PEPFF also covers police officers and firefighters belonging to a local relief association that elected to merge with and transfer assets and administration to PERA.

#### Benefit Provisions

PERA provides retirement and disability benefits to members, and benefits to survivors upon the death of eligible members. Benefits are established by state statute and can only be modified by the state legislature.

Benefit increases are provided to benefit recipients each January. Increases are related to the funding ratio of the plan. Members in plans that are at least 90 percent funded for two consecutive years are given 2.5% increases. Members in plans that have not exceeded 90% funded, or have fallen below 80%, are given 1% increases.

The benefit provisions stated in the following paragraphs of this section are current provisions and apply to active plan participants. Vested, terminated employees who are entitled to benefits but are not receiving them yet are bound by the provisions in effect at the time they last terminated their public service.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### GERF

GERF benefits are based on a member's highest average salary for any five successive years of allowable service, age and years of credit at termination of service. A reduced retirement annuity is also available to eligible members seeking early retirement. Two methods are used to compute benefits for GERF Coordinated Plan members. The retiring member receives the higher of a step-rate benefit accrual formula (Method 1) or a level accrual formula (Method 2). Under Method 1, the annuity accrual rate for a Coordinated Plan member is 1.2% of average salary for each of the first ten years and 1.7% for each remaining year. Under Method 2, the annuity accrual rate is 1.7% for Coordinated Plan members for each year of service. For members hired prior to July 1, 1989, a full annuity is available when age plus years of service equal 90 and normal retirement age is 65. For members hired on or after July 1, 1989, only Method 2 is used and normal retirement age is the age for unreduced Social Security benefits capped at 66.

Disability benefits are available for vested members and are based upon years of service and average monthly salary over a GERF Coordinated Plan member's highest-paid 60 consecutive months of public service (high-five salary) or all months of service is less than 60.

A lifetime survivor benefit is available to the surviving spouse of a GERF Coordinated Plan member and is based upon a formula using the member's total years of service, high-five salary age at death and age of the spouse.

#### PEPFF

Benefits for PEPFF members hired prior to July 1, 2010, vest after three years of credited service. Benefits for PEPFF members first hired after June 30, 2010, but before July 1, 2014, vest on a prorated basis from 50% after five years up to 100% after ten years of credited service. Benefits for PEPFF members first hired after June 30, 2014, vest on a prorated basis from 50% after ten years up to 100% after twenty years of credited service. The annuity accrual rate is 3% of average salary for each year of service. For PEPFF members who were first hired prior to July 1, 1989, a full annuity is available when age plus years of service equal at least 90.

PEPFF members qualify for disability with one or more years of service if disabled outside the line of duty. If disabled in the line of duty, there is no minimum service requirement. There is a minimum benefit of 60% of salary if a PEPFF member is disabled while engaged in hazardous activities related to the occupation. Disability under any circumstances results in a minimum benefit of 45% of salary. A duty disability benefit will only be awarded if the disabling event occurred while the member was engaged in hazardous activities inherent to the occupation.

A lifetime survivor benefit is available to the surviving spouse of a PEPFF member and is based on either 50% of the average of the full-time monthly base salary rate in effect during the last six months of allowable service or a formula using the member's total years of service, high-five salary age at death and age of the spouse. Automatic lifetime survivor benefits are also available to the spouse of a PEPFF member who suffers total and permanent disability.

#### **Contributions**

Minnesota Statutes set the rates for employer and employee contributions. These statutes are established and amended by the state legislature. The Commission makes annual contributions to the pension plans equal to the amount required by state statutes.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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#### GERF

GERF Coordinated Plan members were required to contribute 6.50% of their annual covered salary to the plan in calendar years 2017 and 2016, while the Commission was required to contribute 7.50%. The Commission's contributions to GERF for the years ended December 31, 2017 and 2016 were approximately \$4,198,000 and \$4,085,000, respectively, and were equal to the required contributions as set by state statute. This amount includes an Employer Supplemental Contribution of approximately \$1,210,000 for the years ended December 2017 and 2016, relating to the former Minneapolis Employees Retirement Fund (MERF), which was fully merged into GERF in January 2015.

As a result of legislation passed in the 2015 legislative session, the State of Minnesota is required to contribute \$6,000,000 to GERF during the measurement periods ended June 30, 2016 and June 30, 2017, \$16,000,000 for the period ending June 30, 2018 and \$6,000,000 each measurement period thereafter until 2031.

#### PEPFF

PEPFF members were required to contribute 10.80% of their annual covered salary to the plan in calendar years 2017 and 2016, while the Commission was required to contribute 16.20%. The Commission's required contributions to PEPFF for the years ended December 31, 2017, and 2016 were approximately \$2,039,000 and \$2,055,000, respectively, and were equal to the required contributions as set by state statute. Additionally, the State of Minnesota is required to contribute an aggregate amount for all employers of \$9,000,000 to PEPFF each year, beginning in fiscal year 2014. State aid will continue until the plan is 90 percent funded, or the State Patrol Plan, administered by the Minnesota State Retirement System, is 90 percent funded, whichever occurs later. Such nonemployer contributions to PEPFF by the State of Minnesota do not meet the special funding criteria set forth in GASB 68.

#### **Pension Liabilities, Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions**

#### GERF

At December 31, 2017 and 2016, the Commission reported a liability of approximately \$56,300,000 and \$81,869,000, respectively, for its proportionate share of GERF's net pension liability. The Commission's net pension liability reflected a reduction due to the State of Minnesota's contribution of \$6,000,000 to the fund in both 2017 and 2016. The State of Minnesota is considered a nonemployer contributing entity and the state's contribution meets the definition of a special funding situation. The State of Minnesota's proportionate share of the net pension liability associated with the Commission totaled \$707,922. The net pension liability was measured as of June 30, 2017 and 2016, and the total pension liability used to calculate the net pension liability was determined by actuarial valuations as of those respective dates. The Commission's proportion of the net pension liability was based on the Commission's contributions received by PERA during the measurement period for employer payroll paid dates from July 1, 2016 through June 30, 2017 relative to the total employer contributions received from all of PERA's participating employers. At June 30, 2017, the Commission's proportion was 0.8819%, which was a decrease of 0.1264% from its proportion of 1.0083% measured as of June 30, 2016.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

For the years ended December 31, 2017 and 2016, the Commission recognized pension expense of \$9,821,032 and \$14,854,904, respectively, for its proportionate share of GERF's pension expense. In addition, the Commission recognized an additional \$20,446 as pension expense (and grant revenue) for its proportionate share of the State of Minnesota's contribution of \$6,000,000 to GERF.

At December 31, 2017 and 2016, the Commission reported its proportionate share of GERF's deferred outflows of resources and deferred inflows of resources related to pensions from the following sources (dollars in thousands):

	<b>2017</b>	
	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual experience	\$ 1,855	\$ 3,622
Net difference between projected and actual earnings on pension plan investments	-	2,435
Changes of assumptions	9,347	5,644
Changes in proportion	4,924	6,705
Contributions subsequent to the measurement date	2,659	-
Total	\$ 18,785	\$ 18,406
	<b>2016</b>	
	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual experience	\$ 242	\$ 6,651
Net difference between projected and actual earnings on pension plan investments	9,140	-
Changes of assumptions	17,657	-
Changes in proportion	9,847	1,386
Contributions subsequent to the measurement date	2,723	-
Total	\$ 39,609	\$ 8,037

At December 31, 2017, the Commission reported approximately \$2,659,000 as deferred outflows of resources related to pensions resulting from Commission contributions subsequent to the measurement date that will be recognized as a reduction of the net pension liability at December 31, 2017. Other amounts reported as deferred outflows and inflows of resources related to pensions will be recognized in pension expense as follows (dollars in thousands):

2018	\$ 2,230
2019	873
2020	(2,993)
2021	(2,390)
	\$ (2,280)

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### PEPFF

At December 31, 2017 and 2016, the Commission reported a liability of approximately \$16,471,000 and \$49,884,000, respectively, for its proportionate share of PEPFF's net pension liability. The net pension liability was measured as of June 30, 2017 and 2016, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The Commission's proportion of the net pension liability was based on the Commission's contributions received by PERA during the measurement period for employer payroll paid dates from July 1, 2016 through June 30, 2017 relative to the total employer contributions received from all of PERA's participating employers. At June 30, 2017, the Commission's proportion was 1.220%, which was a decrease of 0.023% from its proportion of 1.243% measured as of June 30, 2016.

For the years ended December 31, 2017 and 2016, the Commission recognized pension expense of \$3,075,107 and \$7,551,657, respectively, for its proportionate share of PEPFF's pension expense. The Commission also recognized \$109,800 and \$111,870 for the years ended December 31, 2017 and 2016, respectively, as pension expense (and grant revenue) for its proportionate share of the State of Minnesota's on-behalf contributions to PEPFF

At December 31, 2017 and 2016, the Commission reported its proportionate share of PEPFF's deferred outflows of resources and deferred inflow of resources related to pensions from the following sources (dollars in thousands):

	<b>2017</b>	
	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual experience	\$ 387	\$ 4,404
Net difference between projected and actual earnings on pension plan investments	-	1,399
Changes of assumptions	22,874	23,385
Changes in proportion	268	580
Contributions subsequent to the measurement date	1,082	-
Total	<u>\$ 24,611</u>	<u>\$ 29,768</u>
	<b>2016</b>	
	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual experience	\$ 11	\$ 5,722
Net difference between projected and actual earnings on pension plan investments	4,300	-
Changes of assumptions	29,467	-
Changes in proportion	358	305
Contributions subsequent to the measurement date	1,072	-
Total	<u>\$ 35,208</u>	<u>\$ 6,027</u>

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

At December 31, 2017, the Commission reported approximately \$1,082,000 as deferred outflows of resources related to pensions resulting from Commission contributions subsequent to the measurement date that will be recognized as a reduction of the net pension liability at December 31, 2017. Other amounts reported as deferred outflows and inflows of resources related to pensions will be recognized in pension expense as follows (dollars in thousands):

2018	\$	(715)
2019		910
2020		(356)
2021		(1,411)
2022		(4,667)
		<u>(4,667)</u>
	\$	<u>(6,239)</u>

### Actuarial Assumptions (Both Plans)

The total pension liabilities in the June 30, 2017 actuarial valuations were determined using the following actuarial assumptions:

Inflation	2.50% per year
Active member payroll growth	3.25% per year
Long-term expected rate of return	7.50%

Salary increases were based on a service-related table. Mortality rates for active members, retirees, survivors and disabilitants were based on RP-2014 tables for both plans for males or females, as appropriate, with slight adjustments. Cost of living benefit increases for retirees are assumed to be: 1% effective every January for GERF through 2044 and PEPFF through 2064 and then 2.5% thereafter for both plans.

Actuarial assumptions used in the June 30, 2017 valuation were based on the results of actuarial experience studies. The most recent four-year experience study for GERF was completed in 2015. The most recent five-year experience study for PEPFF was completed in 2016.

The following changes in actuarial assumptions occurred in 2017:

#### GERF

- The assumed post-retirement benefit increase rate was changed from 1.0% per year for all future years to 1.0% per year through 2044 and 2.5% per year thereafter.
- The Combined Service Annuity (CSA) loads were changed from 0.8% for active members and 60% for vested and non-vested deferred members. The revised CSA loads are now 0.0% for active member liability, 15.0% for vested deferred member liability and 3.0% for non-vested deferred member liability.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### PEPFF

- The assumed post-retirement benefit increase rate was changed from 1.0% per year for all future years to 1.0% per year through 2064 and 2.5% per year thereafter.
- The single discount rate changed from 5.6% to 7.5%.
- Assumed rates of retirement were changed, resulting in fewer retirements.
- The Combined Service Annuity (CSA) load was 30% for vested and non-vested deferred members. The CSA has been changed to 33% for vested members and 2% for non-vested members.
- The base mortality table for healthy annuitants was changed from the RP-2000 fully generational table to the RP-2014 fully generational table (with a base year of 2006), with male rates adjusted by a factor of 0.96. The mortality improvement scale was changed from Scale AA to Scale MP-2016. The base mortality table for disabled annuitants was changed from the RP-2000 disabled mortality table to the mortality tables assumed for healthy retirees.
- Assumed termination rates were decreased to 3.0% for the first three years of service. Rates beyond the select period of three years were adjusted, resulting in more expected terminations overall.
- Assumed percentage of married female members was decreased from 65% to 60%.
- Assumed age difference was changed from separate assumptions for male members (wives assumed to be three years younger) and female members husbands assumed to be four years older) to the assumption that males are two years older than females.
- The assumed percentage of female members electing Joint and Survivor annuities was increased.

The State Board of Investment, which manages the investments of PERA, prepares an analysis of the reasonableness of the long-term expected rate of return on a regular basis using a building-block method in which best-estimate ranges of expected future rates of return are developed for each major asset class. These ranges are combined to produce an expected long-term rate of return by weighting the expected future rates of return by the target asset allocation percentages. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

<b>Asset Class</b>	<b>Target Allocation</b>	<b>Long-Term Expected Real Rate of Return</b>
Domestic stocks	39%	5.1%
International stocks	19%	5.3%
Fixed income	20%	0.8%
Alternative assets	20%	5.9%
Cash	2%	0.0%
	<u>100%</u>	



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### Discount Rates

The discount rate used to measure the total pension liability for GERF was 7.5% in 2017 and 2016. The projection of cash flows used to determine the discount rate assumed that employee and employer contributions will be made at rates set in Minnesota Statutes. Based on these assumptions, the plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

For the 2017 PEPFF actuarial valuation, the plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments of 7.5% was used as the discount rate to measure the total pension liability for PEPFF in 2017. For the 2016 PEPFF actuarial valuation, the plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members through June 30, 2056. Therefore, the long-term expected rate of return of 7.5% was used as the discount rate for payments through June 30, 2056, and a municipal bond rate of 2.85% was used as the discount rate for payments after June 30, 2056. An equivalent single discount rate of 5.6% produced the same present value of projected benefits and was used to measure the total pension liability for PEPFF in 2016.

#### Pension Liability Sensitivity

The following presents the Commission's proportionate share of the net pension liability for both plans it participates in, calculated using the discount rate disclosed in the preceding paragraphs, as well as what the Commission's proportionate share of the net pension liabilities would be if they were calculated using a discount rate one percentage point lower or one percentage point higher than the current discount rate (dollars in thousands):

	<u>1% Decrease</u>	<u>Current Discount Rate</u>	<u>1% Increase</u>
Commission's proportionate share of the GERF net pension liability	\$ 87,325	\$ 56,300	\$ 30,900
Commission's proportionate share of the PEPFF net pension liability	31,021	16,471	4,460

#### Pension Plan Fiduciary Net Position

Detailed information about each pension plan's fiduciary net position is available in a separately-issued PERA financial report that includes financial statements and required supplementary information. That report may be obtained on the Internet at [www.mnpera.org](http://www.mnpera.org).

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

#### **NOTE L: OTHER POSTEMPLOYMENT BENEFITS (OPEB)**

In accordance with GASB Statement No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*, the Commission recognizes postemployment benefits on the full accrual basis of accounting over a period that approximates an employee's years of service.

The Commission provides health insurance benefits for certain retired employees under a single-employer, self-insured plan. All non-union employees who retire at age 55 or later, have three years of service or who are receiving benefits from the PERA and who do not participate in any other health benefits program providing coverage similar to that herein described are eligible to continue coverage with respect to both themselves and their eligible dependent(s) under the Commission's health benefits program. Union employees require ten years of service to be eligible for benefits. The Commission does not issue a stand-alone financial report for its retiree health plan.

#### **Funding Policy**

The contribution requirements of employees and retirees are established and may be amended by the Commission. The required contribution is based upon projected pay-as-you-go financing requirements and funding for future benefits. For employees hired prior to January 1, 1991, the Commission makes contributions (as specified in union agreements or the Commission's personnel policy) toward required premiums at the same percentages applicable to active employees and their eligible dependent(s) until becoming eligible for Medicare Part A or B, or both. The Commission pays 100% of the premium for the retired employee, a spouse over age 65, and any legal dependents, provided that the retired employee is receiving benefits from the PERA and is enrolled in Medicare Part A and B as his/her primary health insurance. As of January 1, 1991, all employees hired by the Commission are only able to participate in the Commission medical plan up to age 65. During 2004, the Commission approved that non-organized employees hired after October 1, 2004 will be able to participate in the Commission medical plan provided that the retiree pay 100% of the total premium cost plus a 2% administrative fee. During 2006 and 2007, the Commission was successful in getting language in all eligible labor agreements that provides that organized employees hired after the date of the signed contract will be able to participate in the Commission's health plan provided that the retiree pays 100% of the total premium cost plus a 2% administrative fee. As of December 31, 2017, there were 264 retired employees and 562 active employees receiving health benefits from the Commission's health plan.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

The Commission contributed approximately \$3,941,000 to the plan in fiscal year 2017, \$3,671,000 to the plan in fiscal year 2016 and \$3,664,000 in fiscal year 2015. Retirees contributed approximately \$232,000 for fiscal year 2017, \$202,000 for fiscal year 2016 and \$178,000 for fiscal year 2015. Monthly contributions for retirees under 65 for 2017 are shown below:

Plan	Single	Family
Blue Plan	\$ 44.00	\$ 272.00
HSA	23.00	171.00

### Annual OPEB Cost and Net OPEB Obligation

The Commission's annual OPEB cost is calculated based on the annual required contribution (ARC) of the employer, an amount actuarially determined as of January 1, 2017, in accordance with the parameters of GASB Statement No. 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not-to-exceed 30 years. The following table shows the components of the Commission's annual OPEB cost for 2017, 2016 and 2015, the amount actually contributed to the plan, and changes in the Commission's net OPEB obligation (dollars in thousands):

	2017	2016	2015
Annual required contribution (ARC)	\$ 6,865	\$ 6,376	\$ 7,325
Interest on net OPEB obligation	2,175	2,122	2,320
Adjustment to ARC	<u>(3,379)</u>	<u>(3,296)</u>	<u>(3,354)</u>
Annual OPEB cost	5,661	5,202	6,291
Contributions during the year	<u>(3,941)</u>	<u>(3,671)</u>	<u>(3,664)</u>
Increase in net OPEB obligation	1,720	1,531	2,627
Net OPEB - beginning of year	<u>62,154</u>	<u>60,623</u>	<u>57,996</u>
Net OPEB - end of year	<u>\$ 63,874</u>	<u>\$ 62,154</u>	<u>\$ 60,623</u>

The percentage of the Commission's annual OPEB cost contributed to the plan was: 69.62% for 2017; 70.57% for 2016; and 58.24% for 2015.

### Funding Status and Funding Progress

The Commission has set aside cash and investments to pay for future health benefits of approximately \$64,219,000; \$62,473,000 and \$60,907,000 in 2017, 2016 and 2015, respectively. However, since such designated cash has not been irrevocably deposited in trust for future health benefits, the actuarial value of plan assets is \$0.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality and health care cost trends. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future.

The schedule of funding progress, presented as required supplementary information following the accompanying notes to the financial statements, presents multi-year information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits over time.

The funded status and funding progress of the plan based on the most recent annual actuarial valuation for the plan, dated as of January 1, 2017, was as follows (dollars in thousands):

Actuarial Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability Projected Unit Credit	Unfunded Actuarial Accrued Liability (UAAL)	Funded Ratio	Covered Payroll	UAAL as a Percentage of Covered Payroll
01/01/2017	\$ -	\$ 106,199	\$ 106,199	0.0%	\$ 50,175	211.7%

### Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

In the January 1, 2017 actuarial valuation, the projected unit credit cost method was used. The actuarial assumptions used include an initial annual health care cost trend rate of 6.8%, which decreases to 5.5% over 5 years. Additional assumptions used include a discount rate of 3.50% and an inflation rate of 2.75%. The unfunded actuarial accrued liability (UAAL) is being amortized as a level dollar amount over the maximum allowable period of 30 years on an open basis.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

Fiscal years ended December 31, 2017 and 2016

#### NOTE M: RISK MANAGEMENT

Risk management is the responsibility of the Commission. The Commission is self-insured for workers' compensation and health/dental claims. Claims paid for workers compensation for 2017 and 2016 were approximately \$391,000 and \$551,000, respectively. Claims paid for health and dental coverage for 2017 and 2016 were approximately \$6,690,000 and \$6,761,000, respectively. The unpaid claims for workers compensation at December 31, 2017 and 2016 were approximately \$965,000 and \$1,184,000, respectively. The health and dental unpaid claims at December 31, 2017 and 2016 were approximately \$953,000 and \$756,000, respectively. The liability recorded under employee compensation and payroll taxes by the Commission includes estimated settlements for claims reported but not settled as of December 31, 2017 and 2016, as well as an estimate of claims incurred but not reported. The entire liability is included in the current liabilities section of the statements of net position, since any amounts considered to be noncurrent are believed to not be material. Changes in the balances of claim liabilities during 2017 and 2016 was as follows (dollars in thousands):

	<u>2017</u>	<u>2016</u>
Unpaid claims - beginning of year	\$ 1,940	\$ 1,680
Incurred claims and changes in estimates	7,058	7,572
Claims paid	<u>(7,080)</u>	<u>(7,312)</u>
Unpaid claims - end of year	<u>\$ 1,918</u>	<u>\$ 1,940</u>

Operationally, the Commission is exposed to various risks of loss relating to theft, damage and destruction of assets, as well as natural disasters and certain tort liabilities for which commercial insurance is carried. The commercial insurance policies carry a deductible of \$50,000. Settled claims have not exceeded this commercial coverage in any of the past three years. Insurance policies procured, including commercial general liability and commercial property damage, are inclusive of coverage for certain war casualty and acts of terrorism. Coverage terms, limits, and deductibles have each been benchmarked in comparison with those maintained at other large-size airports and found to be within the range of our peers. Although coverage limits are significant, no assurance can be given that such coverage will continue to be available at such amounts and/or at a reasonable cost.

Casualty loss involving damage to or destruction of physical property in the course of construction is covered under the Commission's property insurance policy. This policy does not apply to the Commission contractors. This policy contains a deductible of \$250,000 per occurrence applicable to all covered causes of loss, including flood and earth movement.

The Commission requires entities providing professional services to the Commission to obtain an owner's protective professional indemnity policy. Contracted professional service firms participating in this project are required to provide evidence of at least \$1,000,000 of coverage and names the Commission as an additional insured on the general liability policy, leaving the Commission minimally exposed.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

#### **NOTE N: CONTINGENT LIABILITIES AND COMMITMENTS**

The nature of the business of the airport generates certain litigation against the Commission arising in the ordinary course of business. The Commission believes that existing and pending lawsuits and claims are either billable to airport users or would not materially affect the financial statements of the Commission.

Contractual obligations for construction were approximately \$291,349,000 at December 31, 2017.

#### **Noise Abatement**

On October 19, 2007, the Minnesota State District Court, Fourth Judicial District (the District Court) approved a Consent Decree negotiated by the City of Minneapolis, the Minneapolis Public Housing Authority in and for the City of Minneapolis, the City of Eagan and the City of Richfield (collectively, the "Noise Plaintiffs") and the Commission to settle noise abatement lawsuits.

Under the Consent Decree, the Commission must provide noise mitigation to homes and apartments in the 60 to 64 DNL contours. Noise mitigation activities vary based on noise contours, with homes in the most noise-impacted contours eligible for more extensive mitigation than those in less impacted areas. Multi-family dwellings (those with more than three living units) receive less extensive mitigation than single-family homes. The total cost to the Commission under this program was \$102,000,000 as of December 31, 2017. All the original program terms under the Consent Decree were completed by the Commission in 2014.

The Consent Decree was amended in 2013 by establishing criteria to provide noise mitigation to homes and apartments through December 31, 2024. It is expected that some additional homes will become eligible for noise mitigation based upon changes in the DNL contours. Also, some homes will move into a higher DNL contour. A home will become eligible for consent decree noise mitigation if it is located or changes DNL contour levels for three consecutive years. The noise mitigation provided to the home or apartment will be consistent with the terms and levels of the original consent decree. The total cost to the Commission under the amended program was \$2,000,000 as of December 31, 2017.

The costs related to the noise abatement settlements will be funded from internally generated funds of the Commission.

#### **NOTE O: MAJOR CUSTOMER**

Delta Airlines, Inc. (Delta) is in the business of transporting air passengers, mail and property. Delta operates both domestic and international air route systems. Minneapolis/St. Paul International Airport (MSP) is one of Delta's major hubs. Airport revenues from Delta account for approximately 21% of operating revenues and 66% of total revenues from major airlines. Approximately 71% of total 2017 enplanements are attributable to Delta's operation. In the event that Delta discontinues its operations, there are no assurances that another airline would replace its hub activities. It is therefore reasonable to assume that any financial or operational difficulties incurred by Delta, the predominant airline servicing MSP, could have a material adverse effect on the Commission.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## NOTES TO THE FINANCIAL STATEMENTS

### Financial Section

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Fiscal years ended December 31, 2017 and 2016

#### **NOTE P: RENTAL INCOME FROM OPERATING LEASES**

The Commission leases space at the airport terminal buildings as well as other land and building leases on a fixed fee as well as a contingent rental basis. Many of the leases provide for a periodic review and adjustment of the rental amounts. Substantially all capital assets are held by the Commission for the purpose of rental or related use. At December 31, 2017, minimum future rentals scheduled to be received on operating leases that have initial or remaining non-cancelable terms in excess of one year are (dollars in thousands):

2018	\$ 107,850
2019	103,940
2020	111,288
2021	110,317
2022	55,760
Thereafter	<u>173,429</u>
	<u><u>\$ 662,584</u></u>

Contingent rentals and fees aggregated approximately \$104,900,000 and \$101,600,000 in 2017 and 2016, respectively.

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## **Required Supplementary Information**

**MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION**  
**Schedule of Commission's Proportionate Share of the Net Pension Liability**  
**Required Supplementary Information (Last Ten Years\*)**  
**(Unaudited)**

**Financial Section**

Fiscal year ended December 31, 2017  
(Dollars in Thousands)

**General Employees Retirement Fund**

	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
Commission's proportion of the net pension liability	0.8819%	1.0083%	1.0417%	0.6777%
Commission's proportionate share of the net pension liability	\$ 56,300	\$ 81,869	\$ 53,986	\$ 31,835
State's proportionate share of the net pension liability associated with the Commission	708	1,069	-	-
<b>Total</b>	<b>\$ 57,008</b>	<b>\$ 82,938</b>	<b>\$ 53,986</b>	<b>\$ 31,835</b>
Commission's covered payroll	\$ 41,259	\$ 39,103	\$ 37,175	\$ 36,047
Commission's proportionate share of the net pension liability as a percentage of its covered payroll	136%	209%	145%	88%
Plan fiduciary net position as a percentage of the total pension liability	76%	69%	78%	79%

**Public Employees Police and Fire Fund**

	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
Commission's proportion of the net pension liability	1.2200%	1.2430%	1.2710%	1.2310%
Commission's proportionate share of the net pension liability	\$ 16,471	\$ 49,884	\$ 14,442	\$ 13,295
Commission's covered payroll	\$ 12,777	\$ 12,217	\$ 11,807	\$ 11,221
Commission's proportionate share of the net pension liability as a percentage of its covered payroll	129%	408%	122%	118%
Plan fiduciary net position as a percentage of the total pension liability	85%	64%	87%	87%

\*The amounts presented for each fiscal year were determined as of June 30 (measurement date).

Note: Ten years of information is required to be disclosed and will be added as the information becomes available.

**NOTES TO SCHEDULE:**

**Benefit changes:** none

**MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION**  
**Schedule of Commission's Proportionate Share of the Net Pension Liability**  
**Required Supplementary Information (Last Ten Years\*)**  
**(Unaudited)**

**Financial Section**

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Fiscal year ended December 31, 2017  
(Dollars in Thousands)

**Changes of assumptions:** The following changes in assumptions were made from the June 30, 2016 valuations.

***GERF***

- The assumed post-retirement benefit increase rate was changed from 1.0% per year for all future years to 1.0% per year through 2044 and 2.5% per year thereafter.
- The Combined Service Annuity (CSA) loads were changed from 0.8% for active members and 60% for vested and non-vested deferred members. The revised CSA loads are now 0.0% for active member liability, 15.0% for vested deferred member liability and 3.0% for non-vested deferred member liability.

***PEPFF***

- The assumed post-retirement benefit increase rate was changed from 1.0% per year for all future years to 1.0% per year through 2064 and 2.5% per year thereafter.
- The single discount rate changed from 5.6% to 7.5%.
- Assumed rates of retirement were changed, resulting in fewer retirements.
- The Combined Service Annuity (CSA) load was 30% for vested and non-vested deferred members. The CSA has been changed to 33% for vested members and 2% for non-vested members.
- The base mortality table for healthy annuitants was changed from the RP-2000 fully generational table to the RP-2014 fully generational table (with a base year of 2006), with male rates adjusted by a factor of 0.96. The mortality improvement scale was changed from Scale AA to Scale MP-2016. The base mortality table for disabled annuitants was changed from the RP-2000 disabled mortality table to the mortality tables assumed for healthy retirees.
- Assumed termination rates were decreased to 3.0% for the first three years of service. Rates beyond the select period of three years were adjusted, resulting in more expected terminations overall.
- Assumed percentage of married female members was decreased from 65% to 60%.
- Assumed age difference was changed from separate assumptions for male members (wives assumed to be three years younger) and female members husbands assumed to be four years older) to the assumption that males are two years older than females.
- The assumed percentage of female members electing Joint and Survivor annuities was increased.

**MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION**  
**Schedule of Commission's Pension Contributions**  
**Required Supplementary Information (Last Ten Years\*)**  
**(Unaudited)**

**Financial Section**

Fiscal year ended December 31, 2017  
(Dollars in Thousands)

**General Employees Retirement Fund**

	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
Statutorily required contribution	\$ 4,198	\$ 4,085	\$ 4,747	\$ 4,556
Contributions in relation to the statutorily required contribution	\$ 4,198	\$ 4,085	\$ 4,747	\$ 4,556
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -
Commission's covered-employee payroll	\$ 41,912	\$ 40,274	\$ 38,019	\$ 37,151
Contributions as a percentage of covered payroll	10.02%	10.14%	12.49%	12.26%

**Public Employees Police and Fire Fund**

	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>
Statutorily required contribution	\$ 2,040	\$ 2,055	\$ 1,920	\$ 1,763
Contributions in relation to the statutorily required contribution	\$ 2,040	\$ 2,055	\$ 1,920	\$ 1,763
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -
Commission's covered-employee payroll	\$ 12,593	\$ 12,685	\$ 11,852	\$ 11,523
Contributions as a percentage of covered payroll	16.20%	16.20%	16.20%	15.30%

\*The amounts presented for each fiscal year were determined as of December 31.

Note: Ten years of information is required to be disclosed and will be added as the information becomes available.

**NOTES TO SCHEDULE:**

**Benefit changes:** none

**Changes in assumptions:**

**GERF**

- In relation to the former MERF plan, the employer supplemental contribution changed from \$21,000,000 to \$31,000,000 in calendar years 2019 to 2031, and the State of Minnesota's contribution changed from \$16,000,000 to \$6,000,000 in calendar years 2019 to 2031.

**PEPFF** - no changes

**MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION**  
**Schedule of OPEB Funding Progress**  
**(Unaudited)**

**Financial Section**

Fiscal year ended December 31, 2017

Actuarial Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability Projected Unit Credit (in thousands)	Unfunded Actuarial Accrued Liability (UAAL) (in thousands)	Funded Ratio	Covered Payroll (in thousands)	UAAL as a Percentage of Covered Payroll
01/01/2017	\$ -	\$ 106,199	\$ 106,199	0.0%	\$ 50,175	211.7%
01/01/2016	-	95,236	95,236	0.0%	49,086	194.0%
01/01/2015	-	96,226	96,226	0.0%	46,733	205.9%

Actuarial Valuation Date	Participant Summary		
	Active Employees	Retirees and Beneficiaries	Total
01/01/2017	562	264	826
01/01/2016	574	246	820
01/01/2015	537	255	792

# Statistical Section

# MAC

Minneapolis/St. Paul, Minnesota  
Metropolitan Airports Commission

## **Comprehensive Annual Financial Report**

Years Ended December 31, 2017 and 2016



**MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION**

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This part of the Commission's comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements and note disclosures say about the Commission's overall financial health.

### Contents

#### Financial Trends

These schedules contain trend information to help the reader understand how the Commission's financial performance and well-being have changed over time. (Pages 61 - 64)

#### Revenue Capacity

These schedules are intended to assist the reader in understanding and assessing the factors that affect the Commission's ability to generate its own revenues. (Pages 65 - 72)

#### Debt Capacity

These schedules present information to help the reader assess the affordability of the Commission's current levels of outstanding debt and the Commission's ability to issue additional debt in the future. (Pages 73 - 75)

#### Demographic and Economic Information

These schedules offer demographic and economic indicators to help the reader understand the environment within which the Commission's financial activities take place. (Pages 76 - 79)

#### Operating Information

These schedules are intended to provide contextual information about the Commission's operations and resources in order for readers to understand and assess its economic condition. (Pages 80 - 88)

#### Sources:

Unless otherwise noted, the information in these schedules is derived from the comprehensive annual financial reports for the relevant year.



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Historical Operating Statements For the Years Ending December 31 (Dollars in Thousands)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>OPERATING REVENUES</b>										
Airline rates and charges	\$ 87,244	\$ 89,867	\$ 90,376	\$ 96,422	\$ 98,437	\$ 106,015	\$ 111,005	\$ 107,805	\$ 112,653	\$ 113,056
Concessions	112,365	109,636	112,503	118,792	126,399	131,321	136,445	146,893	160,691	172,476
Rentals/fees	28,632	28,435	29,609	27,575	27,999	33,327	34,117	36,086	48,473	49,970
Utilities and other revenues	13,313	12,937	12,555	13,758	13,581	15,382	16,768	16,637	17,115	18,442
<b>TOTAL OPERATING REVENUES</b>	<b>241,554</b>	<b>240,875</b>	<b>245,043</b>	<b>256,547</b>	<b>266,416</b>	<b>286,045</b>	<b>298,335</b>	<b>307,421</b>	<b>338,932</b>	<b>353,944</b>
<b>OPERATING EXPENSES</b>										
Personnel	59,811	59,304	63,412	66,297	68,145	71,107	72,358	81,728	94,425	87,993
Administrative	1,298	1,301	1,271	1,532	1,561	1,407	1,610	1,521	1,723	1,993
Professional services	4,161	4,004	3,519	4,167	4,536	4,514	4,972	5,574	6,217	6,151
Utilities	18,089	16,553	16,238	16,568	16,288	18,633	20,873	18,304	18,816	19,619
Operating services	17,540	16,043	17,278	17,151	17,379	18,940	19,583	21,230	23,389	26,073
Maintenance	22,140	23,718	27,088	27,057	26,052	29,305	31,377	32,089	36,319	36,293
Depreciation and amortization	117,999	123,060	121,555	118,985	120,201	128,032	131,069	134,419	139,226	142,970
Other	3,696	2,510	2,583	3,531	2,632	2,950	3,323	3,454	4,411	5,611
<b>TOTAL OPERATING EXPENSES</b>	<b>244,734</b>	<b>246,493</b>	<b>252,944</b>	<b>255,288</b>	<b>256,794</b>	<b>274,888</b>	<b>285,165</b>	<b>298,319</b>	<b>324,526</b>	<b>326,703</b>
<b>OPERATING INCOME (LOSS)</b>	<b>(3,180)</b>	<b>(5,618)</b>	<b>(7,901)</b>	<b>1,259</b>	<b>9,622</b>	<b>11,157</b>	<b>13,170</b>	<b>9,102</b>	<b>14,406</b>	<b>27,241</b>
<b>NONOPERATING REVENUES (EXPENSES)</b>										
Investment income	49,938	30,625	33,933	21,440	8,184	7,066	8,746	9,241	12,634	12,306
Federal interest rate subsidies	-	-	-	-	-	-	-	599	914	978
Passenger facility charges	54,682	67,481	59,453	62,244	62,231	65,291	67,106	70,471	72,273	73,390
Gain (loss) on disposal of assets	5,178	205	119	14	(1,172)	(561)	(16,387)	60	2,029	(6,513)
Interest expense	(88,722)	(84,198)	(85,141)	(78,186)	(64,613)	(64,792)	(67,734)	(57,614)	(62,238)	(48,949)
Part 150 home insulation expenses	-	-	-	58	-	-	-	-	-	-
<b>TOTAL NONOPERATING REVENUES (EXPENSES)</b>	<b>21,076</b>	<b>14,113</b>	<b>8,364</b>	<b>5,570</b>	<b>4,630</b>	<b>7,004</b>	<b>(8,269)</b>	<b>22,757</b>	<b>25,612</b>	<b>31,212</b>
<b>INCOME BEFORE CAPITAL CONTRIBUTIONS AND GRANTS</b>	<b>17,896</b>	<b>8,495</b>	<b>463</b>	<b>6,829</b>	<b>14,252</b>	<b>18,161</b>	<b>4,901</b>	<b>31,859</b>	<b>40,018</b>	<b>58,453</b>
<b>CAPITAL CONTRIBUTIONS AND GRANTS</b>	<b>30,149</b>	<b>26,918</b>	<b>24,723</b>	<b>22,635</b>	<b>19,940</b>	<b>33,472</b>	<b>20,498</b>	<b>14,686</b>	<b>4,003</b>	<b>1,427</b>
<b>CHANGE IN NET POSITION</b>	<b>48,045</b>	<b>35,413</b>	<b>25,186</b>	<b>29,464</b>	<b>34,192</b>	<b>51,633</b>	<b>25,399</b>	<b>46,545</b>	<b>44,021</b>	<b>59,880</b>
<b>NET POSITION, BEGINNING OF YEAR, AS RESTATED</b>	<b>1,412,574</b>	<b>1,523,530</b>	<b>1,558,943</b>	<b>1,584,129</b>	<b>1,613,593</b>	<b>1,642,316</b>	<b>1,693,949</b>	<b>1,719,348</b>	<b>1,716,774</b>	<b>1,760,795</b>
<b>CHANGES IN ACCOUNTING PRINCIPLE/PRIOR PERIOD ADJUSTMENTS <sup>1,2</sup></b>	<b>62,911</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(5,469)</b>	<b>-</b>	<b>-</b>	<b>(49,119)</b>	<b>-</b>	<b>-</b>
<b>NET POSITION - BEGINNING OF YEAR, AS RESTATED</b>	<b>1,475,485</b>	<b>1,523,530</b>	<b>1,558,943</b>	<b>1,584,129</b>	<b>1,608,124</b>	<b>1,642,316</b>	<b>1,693,949</b>	<b>1,670,229</b>	<b>1,716,774</b>	<b>1,760,795</b>
<b>NET POSITION, END OF YEAR</b>	<b>\$ 1,523,530</b>	<b>\$ 1,558,943</b>	<b>\$ 1,584,129</b>	<b>\$ 1,613,593</b>	<b>\$ 1,642,316</b>	<b>\$ 1,693,949</b>	<b>\$ 1,719,348</b>	<b>\$ 1,716,774</b>	<b>\$ 1,760,795</b>	<b>\$ 1,820,675</b>

<sup>1</sup> For the years ended December 31, 2008-2011, the amounts shown do not reflect the adoption of GASB Statement No. 65.

<sup>2</sup> For the years ended December 31, 2008-2014, the amounts shown do not reflect the adoption of GASB Statement No. 68.

Source: Audited financial statements for the last ten years

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Historical Revenues 2008 - 2017 Pursuant to the Commission's Master Trust Indenture (Dollars in Thousands)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Airline Rates &amp; Charges</b>										
Landing fees	\$ 47,163	\$ 48,736	\$ 48,223	\$ 50,957	\$ 51,964	\$ 55,543	\$ 57,049	\$ 57,408	\$ 60,099	\$ 62,083
Ramp fees	5,619	6,531	5,901	6,328	6,092	6,803	7,213	7,132	7,408	7,137
Lindbergh Terminal building rents	34,196	33,003	34,296	36,244	37,423	39,626	41,739	41,427	45,170	43,286
Other Lindbergh Terminal charges	3,496	3,410	3,714	3,841	3,351	3,506	3,862	4,872	4,684	5,248
Concessions rebate	(9,886)	(8,739)	(8,817)	(9,324)	(9,597)	(9,889)	(10,294)	(13,777)	(15,827)	(17,195)
Humphrey Building Rentals	6,583	6,729	6,815	8,148	8,991	10,160	11,165	10,480	10,813	12,300
Apron Fees - Non-Signatory	73	197	244	228	213	266	271	264	307	197
Total Airline Rates & Charges	<u>87,244</u>	<u>89,867</u>	<u>90,376</u>	<u>96,422</u>	<u>98,437</u>	<u>106,015</u>	<u>111,005</u>	<u>107,806</u>	<u>112,654</u>	<u>113,056</u>
<b>Concessions</b>										
Auto parking	62,748	61,546	63,682	66,612	72,621	76,569	80,659	87,579	91,235	95,231
Rental car	17,011	15,357	15,364	17,112	17,324	17,732	17,939	18,708	19,876	19,410
Food and beverage	12,808	13,052	12,957	13,398	13,808	14,743	16,128	16,836	21,044	23,137
Merchandise	8,689	8,082	8,027	8,373	8,607	8,489	8,245	8,191	8,701	10,170
Employee parking	2,423	2,254	2,473	2,578	2,929	2,414	2,917	3,328	3,653	4,101
Other	8,686	9,345	10,000	10,719	11,110	11,374	10,557	12,251	16,182	20,426
Total Concessions Revenue	<u>112,365</u>	<u>109,636</u>	<u>112,503</u>	<u>118,792</u>	<u>126,399</u>	<u>131,321</u>	<u>136,445</u>	<u>146,893</u>	<u>160,691</u>	<u>172,475</u>
<b>Other Revenues</b>										
Utilities	2,528	2,315	2,591	3,006	2,784	3,181	3,265	3,039	2,105	2,233
Other building and land rent	23,445	23,547	24,544	25,299	26,199	31,095	31,885	34,079	46,480	49,063
Other	10,785	10,605	9,940	7,567	6,937	7,731	8,648	8,666	9,243	9,235
Total Other Revenues	<u>36,758</u>	<u>36,467</u>	<u>37,075</u>	<u>35,872</u>	<u>35,920</u>	<u>42,007</u>	<u>43,798</u>	<u>45,784</u>	<u>57,828</u>	<u>60,531</u>
Total MSP Revenue	236,367	235,970	239,954	251,086	260,756	279,343	291,248	300,483	331,173	346,062
<b>Total Reliever Airports</b>	<u>5,187</u>	<u>4,905</u>	<u>5,089</u>	<u>5,461</u>	<u>5,661</u>	<u>6,702</u>	<u>7,087</u>	<u>6,938</u>	<u>7,759</u>	<u>7,882</u>
<b>Total Operating Revenues</b>	<u>241,554</u>	<u>240,875</u>	<u>245,043</u>	<u>256,547</u>	<u>266,417</u>	<u>286,045</u>	<u>298,335</u>	<u>307,421</u>	<u>338,932</u>	<u>353,944</u>
<b>Investment income</b>										
Capital lease interest	20,896	20,017	19,720	16,133	4,140	3,835	3,792	4,167	3,913	3,741
Other <sup>2</sup>	15,281	10,620	13,402	3,948	2,926	2,648	4,144	4,438	5,413	4,559
Total Investment Income	<u>36,177</u>	<u>30,637</u>	<u>33,122</u>	<u>20,081</u>	<u>7,066</u>	<u>6,483</u>	<u>7,936</u>	<u>8,605</u>	<u>9,326</u>	<u>8,300</u>
Capital lease principal payments	15,345	18,413	17,956	19,294	7,805	8,107	8,292	6,075	4,576	4,654
<b>Total Revenues <sup>1</sup></b>	<u>\$ 293,076</u>	<u>\$ 289,925</u>	<u>\$ 296,121</u>	<u>\$ 295,922</u>	<u>\$ 281,288</u>	<u>\$ 300,635</u>	<u>\$ 314,563</u>	<u>\$ 322,101</u>	<u>\$ 352,834</u>	<u>\$ 366,898</u>

<sup>1</sup> Total Revenues do not include any PFC's as defined by the master trust indenture.

<sup>2</sup> Interest income on PFC's, Bond Series Construction Funds and Short-Term Funding Advances are not included as defined by the master trust indenture.

Source: Audited financial statements for the last ten years

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Percentage Distribution of Operating Revenues 2008 - 2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Airline Rates &amp; Charges</b>										
Landing fees	19.6%	20.2%	19.5%	19.7%	19.6%	19.4%	19.1%	18.7%	17.7%	17.5%
Ramp fees	2.3%	2.7%	2.4%	2.5%	2.3%	2.4%	2.4%	2.3%	2.2%	2.0%
Lindbergh Terminal building rents	14.2%	13.7%	14.0%	14.1%	14.0%	13.9%	14.2%	13.4%	13.3%	12.2%
Other Lindbergh Terminal charges	1.4%	1.4%	1.5%	1.5%	1.3%	1.2%	1.3%	1.6%	1.4%	1.5%
Concessions rebate	-4.1%	-3.6%	-3.6%	-3.6%	-3.6%	-3.5%	-3.5%	-4.5%	-4.7%	-4.9%
Humphrey Building Rentals	2.8%	2.8%	2.9%	3.3%	3.4%	3.6%	3.7%	3.4%	3.2%	3.5%
<b>Total Airline Rates &amp; Charges</b>	<b>36.2%</b>	<b>37.2%</b>	<b>36.7%</b>	<b>37.5%</b>	<b>37.0%</b>	<b>37.0%</b>	<b>37.2%</b>	<b>34.9%</b>	<b>33.1%</b>	<b>31.8%</b>
<b>Concessions</b>										
Auto parking	26.0%	25.6%	26.0%	26.0%	27.3%	26.8%	27.0%	28.5%	26.9%	26.9%
Rental car	7.0%	6.4%	6.3%	6.7%	6.5%	6.2%	6.0%	6.1%	5.9%	5.5%
Food and beverage	5.3%	5.4%	5.3%	5.2%	5.2%	5.2%	5.4%	5.5%	6.2%	6.5%
Merchandise	3.6%	3.4%	3.3%	3.3%	3.2%	3.0%	2.8%	2.7%	2.6%	2.9%
Employee parking	1.0%	0.9%	1.0%	1.0%	1.1%	0.8%	1.0%	1.1%	1.1%	1.2%
Other	3.6%	3.9%	4.1%	4.2%	4.2%	4.0%	3.5%	4.0%	4.9%	5.9%
<b>Total Concessions Revenue</b>	<b>46.5%</b>	<b>45.6%</b>	<b>46.0%</b>	<b>46.4%</b>	<b>47.5%</b>	<b>46.0%</b>	<b>45.7%</b>	<b>47.9%</b>	<b>47.6%</b>	<b>48.9%</b>
<b>Other Revenues</b>										
Utilities	1.0%	1.0%	1.1%	1.2%	1.0%	1.1%	1.1%	1.0%	0.6%	0.6%
Other building and land rent	9.7%	9.8%	10.0%	9.9%	9.8%	10.9%	10.7%	11.1%	13.7%	13.9%
Other	4.5%	4.4%	4.1%	2.9%	2.6%	2.7%	2.9%	2.8%	2.7%	2.6%
<b>Total Other Revenues</b>	<b>15.2%</b>	<b>15.2%</b>	<b>15.2%</b>	<b>14.0%</b>	<b>13.4%</b>	<b>14.7%</b>	<b>14.7%</b>	<b>14.9%</b>	<b>17.0%</b>	<b>17.1%</b>
<b>Total MSP Revenue</b>	<b>97.9%</b>	<b>98.0%</b>	<b>97.9%</b>	<b>97.9%</b>	<b>97.9%</b>	<b>97.7%</b>	<b>97.6%</b>	<b>97.7%</b>	<b>97.7%</b>	<b>97.8%</b>
<b>Total Reliever Airports</b>	<b>2.1%</b>	<b>2.0%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>2.3%</b>	<b>2.4%</b>	<b>2.3%</b>	<b>2.3%</b>	<b>2.2%</b>
<b>Total Operating Revenues</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Net Position by Business-Type Activities 2008 - 2017 (Dollars in Thousands)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Business Type Activities										
Net investment in capital assets	\$ 1,097,417	\$ 1,145,797	\$ 1,140,449	\$ 1,144,522	\$ 1,123,522	\$ 1,168,529	\$ 1,152,189	\$ 1,163,545	\$ 1,265,771	\$ 1,338,558
Restricted	272,695	253,811	273,540	306,528	373,736	362,468	287,279	299,192	341,266	278,281
Unrestricted	153,418	159,335	170,140	162,543	145,058	162,952	279,880	254,037	153,758	203,836
Total business type activities	<u>\$ 1,523,530</u>	<u>\$ 1,558,943</u>	<u>\$ 1,584,129</u>	<u>\$ 1,613,593</u>	<u>\$ 1,642,316</u>	<u>\$ 1,693,949</u>	<u>\$ 1,719,348</u>	<u>\$ 1,716,774</u>	<u>\$ 1,760,795</u>	<u>\$ 1,820,675</u>

Source: Audited financial statements for the last ten years

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Delta Airlines Revenue Summary 2008 - 2017 (Dollars in Thousands)

	2008 <sup>2</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Delta Revenue as a Percentage of Total Adjusted MAC Operating Revenues</b>										
Total MAC Operating Revenues	\$ 241,554	\$ 240,875	\$ 245,043	\$ 256,547	\$ 266,418	\$ 286,045	\$ 298,335	\$ 307,421	\$ 338,932	\$ 353,944
Lease Principal/Interest Payments	36,277	38,430	37,676	37,973	11,945	11,939	12,084	10,227	8,488	8,394
Interest Income-MAC Funds <sup>1</sup>	21,318	5,193	11,183	3,467	2,862	3,215	3,461	3,838	4,915	6,282
Total Adjusted MAC Operating Revenues	<u>299,149</u>	<u>284,498</u>	<u>293,902</u>	<u>297,987</u>	<u>281,225</u>	<u>301,199</u>	<u>313,880</u>	<u>321,486</u>	<u>352,335</u>	<u>368,620</u>
Delta Portion of Operating Revenues	62,970	66,503	66,711	70,910	71,144	75,391	78,301	74,078	78,793	74,856
Delta Portion of Lease Payments	31,875	32,127	33,336	33,736	7,655	7,599	7,687	5,780	3,789	3,635
Total Delta Revenue	<u>94,845</u>	<u>98,630</u>	<u>100,047</u>	<u>104,646</u>	<u>78,799</u>	<u>82,990</u>	<u>85,988</u>	<u>79,858</u>	<u>82,582</u>	<u>78,491</u>
<b>Delta % of Total Adjusted MAC Operating Revenues</b>	<b><u>31.70%</u></b>	<b><u>34.67%</u></b>	<b><u>34.04%</u></b>	<b><u>35.12%</u></b>	<b><u>28.02%</u></b>	<b><u>27.55%</u></b>	<b><u>27.40%</u></b>	<b><u>24.84%</u></b>	<b><u>23.44%</u></b>	<b><u>21.29%</u></b>
Total Adjusted MAC Operating Revenues	\$ 299,149	\$ 284,498	\$ 293,902	\$ 297,987	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less: Delta GO 9/15 Lease Payments <sup>3</sup>	(25,413)	(25,721)	(26,037)	(26,376)	-	-	-	-	-	-
Total Adjusted MAC Operating Revenues, Net of GO 9/15 Financing	<u>273,736</u>	<u>258,777</u>	<u>267,865</u>	<u>271,611</u>	-	-	-	-	-	-
Total Delta Revenue	94,845	98,630	100,047	104,646	-	-	-	-	-	-
Less: Delta GO 9/15 Lease Payments <sup>3</sup>	(25,413)	(25,721)	(26,037)	(26,376)	-	-	-	-	-	-
Total Delta Revenue, Net of GO 9/15 Financing	<u>69,432</u>	<u>72,909</u>	<u>74,010</u>	<u>78,270</u>	-	-	-	-	-	-
<b>Delta % of Total Adjusted MAC Operating Revenues, Net of GO 9/15 Financing</b>	<b><u>25.36%</u></b>	<b><u>28.17%</u></b>	<b><u>27.63%</u></b>	<b><u>28.82%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>
<b>Delta Revenue as a Percentage of Total Airline Rates &amp; Charges</b>										
Total Airline Rates & Charges Revenue	\$ 87,244	\$ 89,867	\$ 90,376	\$ 96,422	\$ 98,536	\$ 106,015	\$ 111,005	\$ 107,805	\$ 112,653	\$ 113,056
Air Carrier Lease Payments	34,262	36,188	35,658	35,960	9,933	9,932	10,077	8,227	6,519	6,425
Total Air Carrier Revenue	<u>121,506</u>	<u>126,055</u>	<u>126,034</u>	<u>132,382</u>	<u>108,469</u>	<u>115,947</u>	<u>121,082</u>	<u>116,032</u>	<u>119,172</u>	<u>119,481</u>
Total Delta Revenue	<u>94,845</u>	<u>98,630</u>	<u>100,047</u>	<u>104,646</u>	<u>78,799</u>	<u>82,990</u>	<u>85,988</u>	<u>79,858</u>	<u>82,582</u>	<u>78,491</u>
<b>Delta % of Total Air Carrier Revenue</b>	<b><u>78.06%</u></b>	<b><u>78.24%</u></b>	<b><u>79.38%</u></b>	<b><u>79.05%</u></b>	<b><u>72.65%</u></b>	<b><u>71.58%</u></b>	<b><u>71.02%</u></b>	<b><u>68.82%</u></b>	<b><u>69.30%</u></b>	<b><u>65.69%</u></b>
Total Air Carrier Revenue	\$ 121,506	\$ 126,055	\$ 126,034	\$ 132,382	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less: Delta GO 9/15 Lease Payments <sup>3</sup>	(25,413)	(25,721)	(26,037)	(26,376)	-	-	-	-	-	-
Total Air Carrier Revenue, Net of GO 9/15 Financing	<u>96,093</u>	<u>100,334</u>	<u>99,997</u>	<u>106,006</u>	-	-	-	-	-	-
Total Delta Revenue	94,845	98,630	100,047	104,646	-	-	-	-	-	-
Less: Delta GO 9/15 Lease Payments <sup>3</sup>	(25,413)	(25,721)	(26,037)	(26,376)	-	-	-	-	-	-
Total Delta Revenue, Net of GO 9/15 Financing	<u>69,432</u>	<u>72,909</u>	<u>74,010</u>	<u>78,270</u>	-	-	-	-	-	-
<b>Delta % of Total Air Carrier Revenue, Net of GO 9/15 Financing</b>	<b><u>72.26%</u></b>	<b><u>72.67%</u></b>	<b><u>74.01%</u></b>	<b><u>73.84%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>	<b><u>0.00%</u></b>

<sup>1</sup> Does not include interest income earned on PFC's, which are not available to pay debt service on Delta obligations.

<sup>2</sup> In 2008, Northwest Airlines merged with Delta.

<sup>3</sup> In 2011, Delta paid off the remaining debt associated with GO 9/15.

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Top Ten Revenue Providers 2017 and 2008 (Dollars in Thousands)

Company	2017		2008	
	Rank	Revenue	Rank	Revenue
Northwest/Delta Airlines	1	\$ 74,856	1	\$ 62,970
Enterprise Rent A Car <sup>1</sup>	2	18,428	----	-
Hertz	3	13,281	3	7,428
HMS Host	4	12,627	2	10,890
Sun Country Airlines	5	10,525	6	5,614
Avis	6	10,431	7	5,255
American Airlines	7	6,011	10	2,713
Southwest Airlines	8	5,959	----	-
United Airlines	9	5,689	9	2,873
Delaware North	10	5,574	----	-
National/Alamo Car Rental <sup>1</sup>	----		5	6,241
Minnesota Retail Partners	----		4	7,126
Budget Rent A Car	----		8	2,886

<sup>1</sup> Enterprise Rent a Car owns National Car Rental and Alamo.

Source: Comprehensive Annual Financial Report 2008 and 2017

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Air Carrier Market Share - Total Enplaned Passengers<sup>1</sup> For the Years Ended December 31 Ranked on Year 2017 Results

2017 Ranking	Air Carrier	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017 % of Total <sup>2</sup>
1	NWA/Delta	10,274,202	8,967,602	8,453,914	8,041,859	7,953,185	8,076,972	8,594,887	9,139,346	9,321,182	9,787,444	53.2%
2	Skywest <sup>3</sup>	98,574	26,549	529,568	836,730	1,181,445	1,134,982	867,993	1,247,022	1,653,123	1,853,025	10.1%
3	Sun Country	640,902	496,622	470,474	554,434	616,320	757,552	815,386	1,029,007	1,111,020	1,213,114	6.6%
4	Southwest	-	283,986	500,493	609,692	623,913	742,664	841,201	940,592	1,053,554	1,028,051	5.6%
5	American <sup>10</sup>	571,930	508,470	445,125	374,080	376,370	377,739	341,957	586,682	1,063,249	1,027,450	5.6%
6	Endeavor Air <sup>3</sup>	865,941	722,510	707,641	727,037	1,453,778	1,634,337	2,011,953	1,608,015	1,243,837	920,896	5.0%
7	Spirit Airlines	-	-	-	-	108,866	307,298	495,316	517,770	606,511	621,926	3.4%
8	United	488,566	470,403	396,060	340,920	227,392	190,994	167,638	425,390	489,262	499,943	2.7%
9	Compass <sup>3</sup>	620,165	905,487	1,078,771	1,270,728	1,418,939	1,184,213	838,901	514,171	514,828	293,020	1.6%
10	Republic <sup>5</sup>	-	-	-	63,092	63,947	72,328	37,913	6,925	184,872	233,073	1.3%
11	Frontier	164,798	183,393	188,438	260,492	191,650	177,613	228,771	227,378	163,525	174,796	1.0%
12	Go Jet <sup>3,4</sup>	-	-	-	-	3,717	42,534	97,992	10,750	50,644	152,931	0.8%
13	ExpressJet <sup>8</sup>	22,269	1,799	6,314	89,688	132,885	263,821	323,786	362,785	235,633	143,540	0.8%
14	Alaska Airlines	-	91,064	94,491	95,269	84,588	93,635	92,491	96,084	117,617	111,963	0.6%
15	Mesa <sup>4,5</sup>	-	-	-	-	-	-	42,011	66,311	105,124	103,591	0.5%
16	Other	448,632	301,850	329,354	287,738	76,137	96,937	65,816	86,095	89,444	69,220	0.4%
17	Icelandair	26,388	16,535	20,955	22,314	21,169	20,513	20,323	28,926	39,500	50,398	0.3%
18	Sky Regional - Air Canada	-	-	-	-	-	-	-	-	-	31,948	0.2%
19	Air France	-	-	-	-	-	-	-	-	-	30,571	0.2%
20	KLM Royal Dutch <sup>a</sup>	-	-	-	-	-	-	-	-	-	25,020	0.1%
	Shuttle America <sup>4</sup>	-	-	-	191,296	308,820	209,015	201,233	137,799	74,587	8,881	0.0%
	Envoy <sup>6</sup>	-	-	-	-	128,382	115,022	144,150	55,935	4,790	4,353	0.0%
	United Express	-	130,794	159,781	94,753	96,550	116,724	101,926	178,132	38,450	-	0.0%
	US Airways <sup>10</sup>	389,052	455,163	430,890	465,967	532,384	592,391	561,351	465,291	-	-	0.0%
	Air Tran Airways <sup>9</sup>	256,310	247,834	261,709	295,675	269,552	159,983	107,077	-	-	-	0.0%
	Comair <sup>3</sup>	-	-	298,339	124,125	94,350	-	-	-	-	-	0.0%
	Continental <sup>7</sup>	119,994	83,999	32,278	25,689	48,800	-	-	-	-	-	0.0%
	Mesaba Aviation <sup>3</sup>	1,303,619	1,577,271	1,249,049	1,200,611	6,899	-	-	-	-	-	0.0%
	Midwest	67,032	79,803	61,165	-	-	-	-	-	-	-	0.0%
	Champion	25,898	-	-	-	-	-	-	-	-	-	0.0%
		<u>16,384,272</u>	<u>15,551,134</u>	<u>15,714,809</u>	<u>15,972,189</u>	<u>16,020,038</u>	<u>16,367,267</u>	<u>17,000,072</u>	<u>17,730,406</u>	<u>18,160,752</u>	<u>18,385,154</u>	<u>100.0%</u>

<sup>1</sup> The figures may differ from the passenger statistics reported by the Air Carriers to the Airport.

<sup>2</sup> Percentages may not sum to totals due to rounding.

<sup>3</sup> Codeshare with Northwest/Delta. Its decrease was picked up by Northwest Airlines (NWA) and NWA-affiliated carrier, Endeavor Air (formerly Pinnacle Airlines), which commenced its operations at MSP International Airport in July 2001. Comair ceased operations in September 2012.

<sup>4</sup> Codeshare with United.

<sup>5</sup> Codeshare with US Airways/American.

<sup>6</sup> Codeshare with American/formerly American Eagle.

<sup>7</sup> Continental and United began operating under a single carrier code in 2012.

<sup>8</sup> Atlantic Southeast Airlines and ExpressJet Airlines began operating under a single carrier code in 2011.

<sup>9</sup> AirTran Airways merged with Southwest Airlines in 2012 with full integration in 2014.

<sup>10</sup> US Airways and American began operating under a single carrier code in 2015.

Source: Department of Transportation, T-3, T-100 and 298C T-1; Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Enplaned Passenger Trends For the Years Ended December 31

	Originating		Connecting		Total	% Change From Previous Year
	Enplaned Passengers <sup>1</sup>	% of Total	Enplaned Passengers <sup>1</sup>	% of Total		
2008	8,355,979	51.0%	8,028,293	49.0%	16,384,272	-3.45%
2009	8,318,949	53.5%	7,232,185	46.5%	15,551,134	-5.08%
2010	9,147,140	58.2%	6,567,669	41.8%	15,714,809	1.05%
2011	8,676,764	54.3%	7,295,425	45.7%	15,972,189	1.64%
2012	8,667,889	54.1%	7,352,149	45.9%	16,020,038	0.30%
2013	8,927,053	54.5%	7,440,214	45.5%	16,367,267	2.17%
2014	9,290,977	54.7%	7,709,095	45.3%	17,000,072	3.87%
2015	9,791,389	55.2%	7,939,017	44.8%	17,730,406	4.30%
2016	10,500,930	57.8%	7,659,822	42.2%	18,160,752	2.43%
2017	11,032,337	60.0%	7,352,817	40.0%	18,385,154	1.24%

#### Average Annual Compound Growth

2008 - 2017	2.82%	-0.88%	1.16%
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<sup>1</sup> Includes passengers who connected to domestic flights at MSP but were bound for international destinations via other U.S. gateway airports. Includes domestic-to-domestic, domestic-to-international, and international-to-domestic connections.

The above figures may differ from the passenger statistics reported by the airlines to the MSP.

Sources: DOT, Schedules T-100 and T-3, DOT, Air Passenger Origin - Destination Survey, reconciled to Schedules T-100 and 298C T-1; Minneapolis/St. Paul Metropolitan Airports Commission



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Air Carrier Market Share - Total Cargo Handled (in tons) For the Years Ended December 31 Ranked on Year 2017 Results

2017 Ranking	Air Carrier	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017 % of Total <sup>1</sup>
1	Federal Express	132,973.9	105,897.7	102,494.0	98,712.2	99,297.3	94,006.3	87,898.2	85,248.4	99,699.1	101,868.2	40.3%
2	UPS	55,536.5	53,794.7	58,349.9	61,101.1	57,174.2	57,826.2	61,142.2	58,699.1	58,062.6	63,859.9	25.3%
3	Northwest/Delta	40,281.7	31,094.2	43,115.5	45,152.0	48,664.7	51,792.3	53,483.7	55,634.0	45,697.3	60,281.5	23.8%
4	Sun Country	2,604.4	1,370.2	619.8	967.2	1,686.1	2,359.7	2,944.1	4,971.8	7,340.4	7,940.2	3.1%
5	DHL	8,048.3	87.5	-	2,810.8	4,498.3	5,220.0	6,201.1	6,775.5	6,900.0	7,651.0	3.0%
6	KLM Royal Dutch	-	-	-	-	-	-	-	-	-	1,958.7	0.8%
7	United	1,726.7	2,497.9	2,368.2	1,777.6	1,686.6	1,096.2	1,783.3	2,813.3	2,530.3	1,857.6	0.7%
8	Southwest	-	758.5	1,343.2	1,471.2	1,643.5	1,522.0	1,842.3	2,055.9	2,760.7	1,771.8	0.7%
9	Mountain Air Cargo	-	-	-	902.3	844.0	1,049.7	1,084.5	930.3	1,103.2	1,095.3	0.4%
10	American <sup>3</sup>	2,161.1	875.2	319.6	199.4	41.3	66.5	201.0	282.0	1,203.7	1,086.5	0.4%
11	Air France	-	-	-	-	-	268.1	336.9	339.1	400.7	1,062.6	0.4%
12	Other	344.2	35.1	1,073.1	263.1	338.4	239.5	318.9	494.6	507.2	545.4	0.2%
13	Icelandair	-	-	-	-	-	-	-	159.3	298.2	516.2	0.2%
14	Alaska Airlines	-	-	-	120.7	157.2	239.5	219.5	130.9	162.3	394.1	0.2%
15	Suburban Air Freight	-	-	-	-	-	289.5	452.2	513.8	542.3	389.7	0.2%
16	IFL Group	-	-	-	-	-	-	-	-	517.5	291.4	0.1%
17	CSA Air	-	-	-	-	-	-	-	231.8	389.2	167.3	0.1%
18	Condor	-	-	-	-	-	-	-	-	-	153.2	0.1%
	US Airways <sup>3</sup>	1,987.7	1,970.6	2,284.7	2,055.8	1,448.4	1,299.9	981.7	454.8	-	-	0.0%
	Airborne	4,367.9	1,021.0	4,300.8	1,780.3	872.7	114.7	-	-	-	-	0.0%
	Frontier	346.6	232.0	282.2	242.6	179.8	188.5	-	-	-	-	0.0%
	ATI/BAX Global	4,855.7	8,146.0	17,521.6	12,197.8	-	-	-	-	-	-	0.0%
	Continental <sup>2</sup>	989.3	583.8	231.7	228.2	479.1	-	-	-	-	-	0.0%
	Mesaba	618.1	721.4	-	-	-	-	-	-	-	-	0.0%
	Midwest	274.5	11.3	0.7	-	-	-	-	-	-	-	0.0%
		<u>257,116.6</u>	<u>209,097.1</u>	<u>234,305.0</u>	<u>229,982.3</u>	<u>219,011.6</u>	<u>217,578.6</u>	<u>218,889.6</u>	<u>219,734.6</u>	<u>228,114.7</u>	<u>252,890.6</u>	<u>100.0%</u>

<sup>1</sup> Percentages may not sum to totals due to rounding.

<sup>2</sup> Continental and United began operating under a single carrier code in 2012.

<sup>3</sup> US Airways and American began operating under a single carrier code in 2015.

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Enplaned Cargo Trends For the Years Ended December 31

Air Carrier	(Freight and mail in thousands of tons)										Average Annual Growth Compound
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Passenger	24.2	19.0	21.9	24.6	26.9	27.9	28.4	30.7	25.2	31.7	2.7%
All Cargo	<u>102.5</u>	<u>83.7</u>	<u>90.0</u>	<u>87.9</u>	<u>80.4</u>	<u>81.8</u>	<u>86.4</u>	<u>82.7</u>	<u>83.5</u>	<u>87.3</u>	-1.6%
Total	<u><u>126.7</u></u>	<u><u>102.7</u></u>	<u><u>111.9</u></u>	<u><u>112.5</u></u>	<u><u>107.3</u></u>	<u><u>109.7</u></u>	<u><u>114.8</u></u>	<u><u>113.4</u></u>	<u><u>108.7</u></u>	<u><u>119.0</u></u>	-0.6%

AAG - Average annual compound growth

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Trends in Enplaned Cargo by Type of Carrier For the Years Ended December 31

	<u>Passenger Carriers</u>		<u>All Cargo Carriers</u>		<u>Total Cargo</u>
	<u>Tons</u>	<u>% of Total</u>	<u>Tons</u>	<u>% of Total</u>	
2008	24,179	19.1%	102,508	80.9%	126,687
2009	19,004	18.5%	83,742	81.5%	102,746
2010	21,942	19.6%	89,990	80.4%	111,932
2011	24,595	21.9%	87,932	78.1%	112,527
2012	26,876	25.0%	80,442	75.0%	107,318
2013	27,945	25.5%	81,766	74.5%	109,711
2014	28,377	24.7%	86,414	75.3%	114,791
2015	30,691	27.1%	82,678	72.9%	113,369
2016	25,165	23.2%	83,460	76.8%	108,625
2017	31,652	26.6%	87,259	73.4%	118,911

### Average Annual Compound Growth

2008 - 2017	2.73%	-1.60%	-0.63%
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Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Trends in Enplaned Cargo by Freight & Mail For the Years Ended December 31

	<u>Freight/Express</u>		<u>Mail</u>		<u>Total Cargo</u>
	<u>Tons</u>	<u>% of Total</u>	<u>Tons</u>	<u>% of Total</u>	
2008	121,037	95.5%	5,650	4.5%	126,687
2009	98,493	95.9%	4,253	4.1%	102,746
2010	105,919	94.6%	6,013	5.4%	111,932
2011	104,455	92.8%	8,072	7.2%	112,527
2012	97,220	90.6%	10,098	9.4%	107,318
2013	101,337	92.4%	8,374	7.6%	109,711
2014	107,500	93.6%	7,291	6.4%	114,791
2015	104,517	92.2%	8,852	7.8%	113,369
2016	98,140	90.3%	10,484	9.7%	108,624
2017	103,087	86.7%	15,824	13.3%	118,911

#### Average Annual Compound Growth

2008 - 2017	-1.59%	10.85%	-0.63%
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Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Revenue Bond Debt Service Coverage - Rate Covenant for Senior Debt For the Years Ended December 31 (Dollars in thousands)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Revenues per Master Trust Indenture	\$ 293,076	\$ 289,925	\$ 296,121	\$ 295,922	\$ 281,288	\$ 300,635	\$ 314,563	\$ 322,101	\$ 352,834	\$ 366,898
Expenses										
Operating expenses	244,330	246,493	252,944	255,287	256,793	274,888	285,165	292,589	308,033	320,022
Less: Depreciation expense	(117,595)	(123,060)	(121,555)	(118,985)	(120,201)	(128,010)	(131,069)	(134,419)	(139,226)	(142,970)
Total operating expenses, excluding depreciation expense	<u>126,735</u>	<u>123,433</u>	<u>131,389</u>	<u>136,302</u>	<u>136,592</u>	<u>146,878</u>	<u>154,096</u>	<u>158,170</u>	<u>168,807</u>	<u>177,052</u>
Net Revenues	166,341	166,492	164,732	159,620	144,696	153,757	160,467	163,931	184,027	189,846
Annual debt service - Senior Airport Revenue Bonds	(46,321)	(45,887)	(44,540)	(41,525)	(43,436)	(48,274)	(50,413)	(48,084)	(48,909)	(39,461)
Annual debt service - General Obligation Revenue Bonds	(32,542)	(32,797)	(29,532)	(29,843)	(3,414)	(2,954)	-	-	-	-
Principal and interest on other indebtedness <sup>1</sup>	(30,335)	(32,356)	(31,118)	(42,285)	(40,970)	(47,809)	(48,383)	(45,216)	(46,546)	(48,952)
Must not be less than zero	<u>57,143</u>	<u>55,452</u>	<u>59,542</u>	<u>45,967</u>	<u>56,876</u>	<u>54,720</u>	<u>61,671</u>	<u>70,631</u>	<u>88,572</u>	<u>101,433</u>
Requirement Section										
Net revenues	166,341	166,492	164,732	159,620	144,696	153,757	160,467	163,931	184,027	189,846
Transfer - Coverage Fund <sup>2</sup>	11,671	11,580	11,472	11,579	10,381	12,069	12,603	12,021	12,227	9,865
Total available	<u>178,012</u>	<u>178,072</u>	<u>176,204</u>	<u>171,199</u>	<u>155,077</u>	<u>165,826</u>	<u>173,070</u>	<u>175,952</u>	<u>196,254</u>	<u>199,711</u>
Senior Debt Service times 125% <sup>3</sup>	(57,901)	(57,359)	(55,675)	(51,906)	(54,295)	(60,343)	(57,896)	(60,105)	(61,136)	(49,326)
Must not be less than zero	<u>120,111</u>	<u>120,713</u>	<u>120,529</u>	<u>119,293</u>	<u>100,782</u>	<u>105,483</u>	<u>115,174</u>	<u>115,847</u>	<u>135,118</u>	<u>150,385</u>
Pro Forma Coverage on Senior Lien Debt										
Net revenues	166,341	166,492	164,732	159,620	144,696	153,757	160,467	163,931	184,027	189,846
Transfer - Coverage Fund <sup>2</sup>	11,472	11,579	10,381	10,381	10,859	12,069	12,603	12,021	12,227	9,865
Total available	<u>177,813</u>	<u>178,071</u>	<u>175,113</u>	<u>170,001</u>	<u>155,555</u>	<u>165,826</u>	<u>173,070</u>	<u>175,952</u>	<u>196,254</u>	<u>199,711</u>
Annual debt service - Senior Airport Revenue Bonds	(46,321)	(45,887)	(44,540)	(41,525)	(43,436)	(48,274)	(50,413)	(48,084)	(48,909)	(39,461)
Annual debt service - General Obligation Revenue Bonds	(32,542)	(32,797)	(29,532)	(29,843)	(3,414)	(2,954)	-	-	-	-
Total Debt Service - Senior Lien Debt	<u>(78,863)</u>	<u>(78,684)</u>	<u>(74,072)</u>	<u>(71,368)</u>	<u>(46,850)</u>	<u>(51,228)</u>	<u>(50,413)</u>	<u>(48,084)</u>	<u>(48,909)</u>	<u>(39,461)</u>
Coverage with Transfer	<u>225%</u>	<u>226%</u>	<u>236%</u>	<u>238%</u>	<u>332%</u>	<u>324%</u>	<u>343%</u>	<u>366%</u>	<u>401%</u>	<u>506%</u>
Coverage without Transfer	<u>211%</u>	<u>212%</u>	<u>222%</u>	<u>224%</u>	<u>309%</u>	<u>300%</u>	<u>318%</u>	<u>341%</u>	<u>376%</u>	<u>481%</u>

<sup>1</sup> Excludes General Obligation Revenue Bonds and Senior Airport Revenue Bonds.

<sup>2</sup> Transfer is limited to no more than 25% of Aggregate Annual Debt Service on Outstanding Senior Airport Revenue Bonds.

<sup>3</sup> Using Annual Debt Service on Senior Airport Revenue Bonds.

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Revenue Bond Debt Service Coverage - Rate Covenant for Subordinate Lien Debt For the Years Ended December 31 (Dollars in thousands)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Revenues per Master Trust Indenture	\$ 293,076	\$ 289,925	\$ 296,121	\$ 295,922	\$ 281,288	\$ 300,635	\$ 314,563	\$ 322,101	\$ 352,834	\$ 366,898
Expenses										
Operating expenses	244,330	246,493	252,944	255,287	256,793	274,888	285,165	292,589	308,033	320,022
Less: Depreciation expense	(117,595)	(123,060)	(121,555)	(118,985)	(120,201)	(128,010)	(131,069)	(134,419)	(139,226)	(142,970)
Total operating expenses, excluding depreciation expense	126,735	123,433	131,389	136,302	136,592	146,878	154,096	158,170	168,807	177,052
Annual debt service - Senior Airport Revenue Bonds	46,321	45,887	44,540	41,525	43,436	48,274	50,413	48,084	48,909	39,461
Annual debt service - General Obligation Revenue Bonds	32,542	32,797	29,532	29,843	3,414	2,954	-	-	-	-
Subordinate revenues	87,478	87,808	90,660	88,252	97,846	102,529	110,054	115,847	135,118	150,385
Principal and interest on Subordinate Bonds	(30,335)	(32,356)	(31,118)	(35,393)	(40,970)	(47,807)	(48,383)	(45,216)	(46,546)	(52,413)
Must not be less than zero	<u>\$ 57,143</u>	<u>\$ 55,452</u>	<u>\$ 59,542</u>	<u>\$ 52,859</u>	<u>\$ 56,876</u>	<u>\$ 54,722</u>	<u>\$ 61,671</u>	<u>\$ 70,631</u>	<u>\$ 88,572</u>	<u>\$ 97,972</u>
<b>Requirement Section</b>										
Subordinate revenues	\$ 87,478	\$ 87,808	\$ 90,660	\$ 88,252	\$ 97,846	\$ 102,529	\$ 110,054	\$ 115,847	\$ 135,118	\$ 150,385
Transfers <sup>1</sup>	1,630	3,034	3,236	3,112	4,229	4,097	4,781	4,522	4,655	5,241
Total available	89,108	90,842	93,896	91,364	102,075	106,626	114,835	120,369	139,773	155,626
Outstanding Subordinate Debt Service Times 110% <sup>2</sup>	(22,743)	(33,354)	(32,358)	(35,393)	(45,583)	(44,686)	(52,229)	(55,659)	(49,343)	(57,654)
Must not be less than zero	<u>\$ 66,365</u>	<u>\$ 57,488</u>	<u>\$ 61,538</u>	<u>\$ 55,971</u>	<u>\$ 56,492</u>	<u>\$ 61,940</u>	<u>\$ 62,606</u>	<u>\$ 64,710</u>	<u>\$ 90,430</u>	<u>\$ 97,972</u>
<b>Pro Forma Coverage on Subordinate Lien Debt</b>										
Subordinate revenues	\$ 87,478	\$ 87,808	\$ 90,660	\$ 88,252	\$ 97,846	\$ 102,529	\$ 110,054	\$ 115,847	\$ 135,118	\$ 150,385
Principal and interest in Subordinate Bonds <sup>2</sup>	30,322	29,416	30,887	32,175	41,439	40,624	47,480	50,599	44,857	52,413
Coverage without Transfer	<u>289%</u>	<u>299%</u>	<u>294%</u>	<u>274%</u>	<u>236%</u>	<u>252%</u>	<u>232%</u>	<u>229%</u>	<u>301%</u>	<u>287%</u>
<b>Pro Forma Coverage on Senior and Subordinate Lien Debt</b>										
Net Revenues	\$ 166,341	\$ 166,492	\$ 164,732	\$ 159,620	\$ 144,696	\$ 153,757	\$ 160,467	\$ 163,931	\$ 184,027	\$ 189,846
Total Debt Service - Senior and Subordinate Debt	109,185	108,100	104,959	103,543	88,289	91,852	97,893	98,682	93,766	91,590
Coverage without Transfer	<u>152%</u>	<u>154%</u>	<u>157%</u>	<u>154%</u>	<u>164%</u>	<u>167%</u>	<u>164%</u>	<u>166%</u>	<u>196%</u>	<u>207%</u>

<sup>1</sup> Transfer is limited to no more than 10% of Aggregate Annual Debt Service on Outstanding Subordinate Airport Revenue Bonds.

<sup>2</sup> Using Annual Debt Service on Subordinate Airport Revenue Bonds.

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Operating Ratio<sup>1</sup> For the Years Ended December 31 (Dollars in Thousands)

	Operating Expenses <sup>2</sup>	Operating Revenues	Operating Ratio
2008	\$ 126,735	\$ 241,554	52%
2009	123,433	240,875	51%
2010	131,389	245,043	54%
2011	136,302	256,548	53%
2012	136,592	266,417	51%
2013	146,855	286,044	51%
2014	154,096	298,335	52%
2015	158,170	307,422	51%
2016	168,923	338,933	50%
2017	177,052	353,944	50%

<sup>1</sup> Operating ratio is operating expenses, net of depreciation and GASB 68 pension adjustment, divided by total operating revenues.

<sup>2</sup> Operating expenses exclude depreciation and GASB 68 pension adjustment.

Source: Minneapolis/St. Paul Metropolitan Airports Commission

### Debt per Enplaned Passenger For the Years Ended December 31 (Dollars in Thousands)

	General Airport Revenue Bonds Outstanding	General Obligation Revenue Bonds Outstanding	Notes Payable Outstanding	Other Debt	Subtotal	Enplaned Passengers	Debt per Enplaned Passenger
2008	1,525,522	276,522	39,726	33,887	\$ 1,875,657	16,384,272	\$ 114.48
2009	1,483,445	261,193	6,337	30,587	1,781,562	15,551,134	114.56
2010	1,587,837	241,727	6,885	-	1,836,449	15,714,809	116.86
2011	1,560,345	12,530	6,792	-	1,579,667	15,972,189	98.90
2012	1,551,546	9,400	6,680	11,300	1,578,926	16,020,038	98.56
2013	1,500,811	6,126	10,165	15,950	1,533,052	16,367,267	93.67
2014	1,413,318	2,840	35,050	15,460	1,466,668	17,000,072	86.27
2015	1,362,033	-	48,397	42,460	1,452,890	17,730,406	81.94
2016	1,685,956	-	47,805	40,649	1,774,410	18,160,752	97.71
2017	1,624,443	-	46,953	38,020	1,709,416	18,385,154	92.98

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Population For the Years Ended December 31 (In thousands)

	<u>Minnesota</u>	<u>MSA <sup>1</sup></u>	<u>% of Total</u>
2008	5,231	3,238	62%
2009	5,266	3,270	62%
2010	5,303	3,349	63%
2011	5,347	3,389	63%
2012	5,379	3,422	64%
2013	5,420	3,459	64%
2014	5,457	3,428	63%
2015	5,490	3,462	63%
2016	5,520	3,528	64%
2017	5,577	3,594	64%

<sup>1</sup> MSA is defined as the Metropolitan Statistical Area of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti Ramsey, Scott, Sherburne, Washington and Wright counties in Minnesota and Pierce and St. Croix counties in Wisconsin.

### Civilian Unemployment Rate For the Years Ended December 31

	<u>United States</u>	<u>Minnesota</u>	<u>MSA</u>
2008	7.2%	6.8%	6.4%
2009	9.3%	8.0%	7.8%
2010	9.1%	6.8%	6.6%
2011	8.3%	5.7%	5.5%
2012	7.8%	5.5%	5.1%
2013	6.7%	4.6%	4.3%
2014	5.6%	3.7%	3.3%
2015	5.0%	3.7%	3.1%
2016	4.5%	4.1%	3.6%
2017	4.1%	3.3%	2.9%

Sources:

U.S. Department of Commerce, Bureau of Economic Analysis  
Minnesota Department of Unemployment and Economic Development



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Personal Income For the Years Ended December 31 (Dollars in Millions)

	Minnesota	MSA <sup>1</sup>	% of Total
2008	224,671	154,283	69%
2009	220,438	149,594	68%
2010	227,288	152,789	67%
2011	238,768	161,468	68%
2012	248,047	172,004	69%
2013	259,397	177,051	68%
2014	265,824	185,825	70%
2015	277,483	194,372	70%
2016	292,682	201,427	69%
2017	295,798	Not available	

<sup>1</sup> MSA is defined as the Metropolitan Statistical Area of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington and Wright counties in Minnesota and Pierce and St. Croix counties in Wisconsin.

Source: U.S. Department of Commerce, Bureau of Economic Analysis

### Per Capita Personal Income For the Years Ended December 31

	Minnesota	MSA <sup>1</sup>
2008	43,238	47,653
2009	41,859	45,750
2010	42,798	46,498
2011	44,560	48,657
2012	46,227	50,260
2013	47,856	51,183
2014	48,711	53,166
2015	50,541	55,148
2016	52,876	56,723
2017	53,043	Not available

<sup>1</sup> MSA is defined as the Metropolitan Statistical Area of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington and Wright counties in Minnesota and Pierce and St. Croix counties in Wisconsin.

Source: U.S. Department of Commerce, Bureau of Economic Analysis

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Minnesota's Largest 10 Employers Ranked by In-State Employees For the Years Ended December 31

Company	2017 Employees	Rank	% of Total Employment	2008 Employees	Rank	% of Total Employment
Mayo Clinic	41,620	1	1.41%	37,022	2	1.29%
State of Minnesota	41,200	2	1.40%	55,865	1	1.95%
United States Federal Government	31,900	3	1.08%	32,313	3	1.13%
Allina Health System	27,635	4	0.94%	23,653	5	0.82%
University of Minnesota	26,436	5	0.90%	19,733	8	0.69%
Target Corporation	26,271	6	0.89%	27,756	4	0.97%
Fairview Health Services	24,000	7	0.82%	20,148	7	0.70%
HealthPartners, Inc.	23,000	8	0.78%	-	-	0.00%
Wells Fargo & Co.	20,000	9	0.68%	20,884	6	0.73%
UnitedHealth Group Inc.	17,000	10	0.58%	-	-	0.00%
Minnesota State Colleges/Universities	16,190	11	0.55%	-	-	0.00%
3M Co.	15,000	12	0.51%	16,500	10	0.58%
Wal-Mart Stores, Inc.	-	-	-	18,470	9	0.64%
Total	<u>310,252</u>			<u>272,344</u>		
Total Nonfarm Employment	<u>2,941,511</u>			<u>2,867,740</u>		

Sources:

Minnesota Business Journal Book of Lists

Minnesota Department of Employment and Economic Development

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Employment Share by Industry For the Year Ended December 31

	<b>2017</b>	<b>2008</b>
	<b>Minnesota</b>	<b>Minnesota</b>
Trade, Transportation and Utilities	18.8%	20.5%
Education and Health Services	18.4%	22.2%
Public Administration	14.7%	6.5%
Professional and Business Services	12.8%	12.2%
Manufacturing	10.8%	12.8%
Leisure and Hospitality	8.7%	9.1%
Financial Activities	6.1%	6.6%
Other Services	3.9%	3.1%
Construction	3.9%	4.6%
Information	1.7%	2.1%
Natural Resources and Mining	0.2%	0.3%
	<b>100.0%</b>	<b>100.0%</b>

Source: Minnesota Department of Employment and Economic Development

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Activity Statistics For the Years Ended December 31

	Total Revenue Passengers <sup>1</sup>	Aircraft Operations <sup>2</sup>	Mail and Cargo Volume (Metric Tons)
2008	32,917,480	450,044	253,374
2009	31,273,224	432,395	209,097
2010	31,734,714	436,625	211,778
2011	31,977,163	436,506	208,637
2012	32,070,628	425,332	198,684
2013	32,763,027	431,328	197,384
2014	34,073,543	412,586	198,573
2015	35,494,425	404,612	199,340
2016	36,346,859	413,279	206,942
2017	36,799,978	416,213	229,440

<sup>1</sup> Passengers include on-line connecting. (On-line connecting passengers are passengers that change to another flight on the same carrier.)

<sup>2</sup> An aircraft operation represents the total number of takeoffs and landings at the airport.

Source: Metropolitan Airports Commission Operations Report

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Historical Aircraft Operations <sup>2</sup> For the Years Ended December 31

	Air Carrier Operations <sup>2</sup>	Commuter Operations	Cargo Operations	Total Commercial Operations <sup>1</sup>	Percent Commercial Operations	General Aviation Operations	Military Operations	Total Operations
2008	226,646	176,237	14,361	417,244	92.71%	30,685	2,115	450,044
2009	211,085	183,911	11,146	406,142	93.93%	24,361	1,892	432,395
2010	191,341	203,169	12,049	406,559	93.11%	27,921	2,145	436,625
2011	178,896	217,267	12,203	408,366	93.55%	26,157	1,983	436,506
2012	184,134	203,684	11,231	399,049	93.82%	24,903	1,380	425,332
2013	193,470	203,106	11,701	408,277	94.66%	21,866	1,185	431,328
2014	189,489	185,664	12,199	387,352	93.88%	24,155	1,079	412,586
2015	205,635	162,779	12,789	381,203	94.23%	22,077	1,252	404,532
2016	213,682	161,427	14,400	389,509	94.25%	22,455	1,315	413,279
2017	228,393	149,924	14,911	393,228	94.48%	22,226	759	416,213

<sup>1</sup> Commercial Operations equal Air Carrier, Commuter and Cargo Operations.

<sup>2</sup> Aircraft operations represent the total number of takeoffs and landings at the airport.

Source: Metropolitan Airports Commission Operations Report

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Trends in Aircraft Landed Weight of Signatory Airlines For the Years Ended December 31

	<b>Passenger Carriers</b>	<b>Cargo Carriers</b>	<b>Total Landed Weight</b>
2008	21,047,357	1,095,773	22,143,130
2009	20,352,347	918,453	21,270,800
2010	19,856,212	986,029	20,842,241
2011	19,945,169	897,211	20,842,380
2012	19,625,108	885,442	20,510,550
2013	20,225,040	926,429	21,151,469
2014	20,224,580	965,912	21,190,492
2015	20,577,785	984,305	21,562,090
2016	21,178,343	996,424	22,174,767
2017 <sup>1</sup>	21,571,010	985,077	22,556,087

<sup>1</sup> In 2017, Delta's activity represented approximately 68% of the total landed weight at the Airport.

Source: Minneapolis/St. Paul Metropolitan Airports Commission

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Employee Counts <sup>1</sup> For the Years Ended December 31

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	<u>575</u>	<u>568</u>	<u>582</u>	<u>589</u>	<u>586</u>	<u>585</u>	<u>600</u>	<u>604</u>	<u>618</u>	<u>644</u>

<sup>1</sup> Represents employees who were paid on the last payday of the fiscal year and were contributing to a pension plan.

### Airline Cost per Enplaned Passenger For the Years Ended December 31

	(Dollars and Passengers in thousands)									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total cost <sup>1</sup>	\$ 91,908	\$ 94,003	\$ 94,768	\$ 100,961	\$ 102,789	\$ 110,378	\$ 115,708	\$ 114,253	\$ 114,811	\$ 115,214
Enplaned passengers	<u>16,384</u>	<u>15,551</u>	<u>15,715</u>	<u>15,972</u>	<u>16,020</u>	<u>16,367</u>	<u>17,000</u>	<u>17,730</u>	<u>18,161</u>	<u>18,385</u>
Airline Cost per Enplaned Passenger	<u>\$ 5.61</u>	<u>\$ 6.04</u>	<u>\$ 6.03</u>	<u>\$ 6.32</u>	<u>\$ 6.42</u>	<u>\$ 6.74</u>	<u>\$ 6.81</u>	<u>\$ 6.44</u>	<u>\$ 6.32</u>	<u>\$ 6.27</u>

<sup>1</sup> Cost is defined as airline payments made to the Commission for expenses incurred in the airfield, T1 Lindbergh and T2 HHH Terminals, which includes self-liquidating payments made by Delta on the G Concourse.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Schedule of Airline Rates and Charges For the Years Ended December 31

	Landing Fee Per 1,000 Lbs	Ramp Fees Per Linear Foot	Common Use Per Square Foot	Finished Per Square Foot	Finished Janitored Per Square Foot	Unfinished Per Square Foot
2008	2.11	502.98	52.88	52.88	59.58	52.88
2009	2.27	581.93	50.67	50.67	57.43	50.67
2010	2.31	522.40	52.64	52.64	59.77	52.64
2011	2.46	562.05	56.37	56.37	63.11	56.37
2012	2.53	536.38	58.60	58.60	65.16	58.60
2013	2.62	594.50	62.86	62.86	69.80	62.86
2014	2.68	642.90	66.20	66.20	73.67	66.20
2015	2.64	624.14	64.56	64.56	72.54	64.56
2016	2.68	667.80	60.42	60.42	69.00	60.42
2017	2.73	661.92	59.10	59.10	67.25	59.10

Source: Minneapolis/St. Paul Metropolitan Airports Commission

### Operations at the Reliever Airports and General Aviation Operations at MSP For the Years Ended December 31

	Downtown Airport	Cloud Airport	Crystal Airport	Blaine Airport	Lake Elmo Airport	Airlake Airport	MSP
2008	109,512	119,139	49,244	69,403	37,612	39,021	30,685
2009	91,507	117,180	42,311	68,534	34,509	35,802	24,361
2010	88,995	94,244	44,229	79,589	34,374	35,662	27,921
2011	87,229	114,574	43,986	73,292	33,032	34,270	26,157
2012	79,238	88,663	48,220	79,190	33,319	34,560	24,903
2013	69,277	79,511	42,308	76,721	33,220	31,346	21,866
2014	64,539	73,634	41,117	68,157	25,727	33,178	24,155
2015	56,676	87,493	39,641	89,708	32,842	42,341	22,077
2016	54,548	84,038	36,967	80,845	27,275	38,618	22,455
2017	40,489	90,835	34,223	74,943	28,337	36,670	22,226

Source: Minneapolis/St. Paul Metropolitan Airports Commission



# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Air Carriers Serving MSP <sup>A</sup> As of December 31, 2017

#### U.S. – FLAG CARRIERS

##### SCHEDULED SERVICES

Air Choice One * <sup>6</sup>	Air Georgian * <sup>4</sup>	Air Wisconsin * <sup>1</sup>
Alaska Airlines *	American *	Boutique Air *
Compass * <sup>2</sup>	Delta *	Endeavor * <sup>2</sup>
Envoy * <sup>5</sup>	ExpressJet * <sup>1, 2</sup>	Frontier *
GoJet * <sup>1, 2</sup>	Horizon Air * <sup>6</sup>	Mesa <sup>1</sup>
MN Airlines dba Sun Country *	PSA * <sup>5</sup>	Republic Airlines * <sup>1, 2, 5</sup>
Shuttle America * <sup>1, 2</sup>	Sky Regional * <sup>4</sup>	SkyWest * <sup>1, 2, 5, 6</sup>

##### NON-SCHEDULED (CHARTER) SERVICES

Omni Air International \*

##### ALL-CARGO SERVICES

ABX Air * <sup>3</sup>	Atlas Air Cargo * <sup>3</sup>	Bemidji *
FedEx *	Mountain Air Cargo	UPS *

##### FOREIGN-FLAG CARRIERS

Air France *	Condor *	Icelandair *
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\* Denotes those Air Carriers that are Signatory Airlines to the Airline Lease Agreements.

<sup>A</sup> Excludes carriers reporting fewer than 1,000 enplaned passengers.

1. Flies for United Airlines.

2. Flies for Delta Air Lines.

3. ABX Air and Atlas Air Cargo provide air service to DHL.

4. Flies for Air Canada

5. Flies for American Airlines

6. Flies for Alaska Airlines

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Minneapolis/St. Paul Metropolitan Airports Commission Insurance Coverage As of December 31, 2017

Insurer	Expiration	Coverage	Policy Limits (Thousands of Dollars)
ACE/Lloyd's of London/Global	1/1/18	General aviation liability including personal injury	\$ 750,000
Alliant	7/1/18	Blanket fire and extended coverage on building and contents. Boiler and machinery	\$ 1,050,000
Self-Insured <sup>1</sup>	Continuous	Statutory workers' compensation	
	1/1/18	Workers' Compensation Reinsurance Association	\$ 500
Great American/Zurich	7/1/18	Comprehensive Crime Employee/Police Policies	\$ 5,000
Minnesota Risk Management Fund	7/1/18	Auto Liability (licensed vehicles), physical damage (all vehicles) hired automobiles, valet parking, inland marine and garage keepers	MN Tort Cap Limits/value
Alliant	7/1/18	Cyber Liability with enhanced notification endorsement 1M individuals	\$ 1,000

<sup>1</sup> Funded from current operating revenues of the Commission.

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Airport Information As of December 31, 2017

	Square Feet		
	Terminal 1 (Lindbergh)	Terminal 2 (Humphrey)	Total
<b>Terminal Buildings</b>			
Airline	631,036	177,722	808,758
Concession	214,223	22,932	237,155
Garage	155,119	-	155,119
Non-Airline	180,189	16,286	196,475
Unoccupied	8,576	7,585	16,161
Circulation	966,145	132,425	1,098,570
Restrooms	55,701	10,832	66,533
MAC/Mechanical	453,371	111,719	565,090
International Arrivals	114,640	40,036	154,676
Trans Security Agency	67,475	21,428	88,903
	<u>2,846,475</u>	<u>540,965</u>	<u>3,387,440</u>
<b>Parking Facilities</b>	<u>14,694</u>	<u>8,670</u>	<u>23,364</u>
	<b>Terminal 1 (Lindbergh)</b>	<b>Terminal 2 (Humphrey)</b>	<b>Total</b>
<b>Gates (Aircraft loading positions)</b>	103	14	117

# MINNEAPOLIS/ST. PAUL METROPOLITAN AIRPORTS COMMISSION

## Statistical Section (Unaudited)

### Airport Information As of December 31, 2017

#### Airport Code: MSP

#### Runways <sup>1</sup>

Minneapolis-St. Paul:	
Runway 4-22	11,000 Ft
Runway 12R-30L	10,000 Ft
Runway 12L-30R	8,200 Ft
Runway 17-35	8,000 Ft
Airlake	
Runway 12-30	4,100 Ft
Anoka County/Blaine	
Runway 9-27	5,000 Ft
Runway 18-36	4,900 Ft
Crystal	
Runway 14L-32R	3,300 Ft
Runway 14R-32L	3,300 Ft
Runway 6L-24R	2,500 Ft
Runway 6R-24L	2,100 Ft
Flying Cloud	
Runway 10R-28L	5,000 Ft
Runway 10L-28R	3,900 Ft
Runway 18-36	2,700 Ft
Lake Elmo	
Runway 14-32	2,900 Ft
Runway 4-22	2,500 Ft
St. Paul Downtown	
Runway 14-32	6,500 Ft
Runway 13-31	4,000 Ft
Runway 9-27	3,600 Ft

<sup>1</sup> Amounts rounded to the nearest hundred.

