

# **Airport Certification Manual**

## **Minneapolis-St. Paul International Airport (MSP)**

Signed by:  
*Chad Leqve*  
EBC6BC29340C490

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**Chad Leqve  
Vice President,  
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Metropolitan Airports Commission

### **Minneapolis-St. Paul International Airport**

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### **List of Exhibits**

**Exhibit 101-1** – Reference List

**Exhibit 101-2** – Area Chart

**Exhibit 303-1** – Organization Chart

**Exhibit 305-1** – MSP Movement Area

**Exhibit 305-2** – Paved Areas Not Available to Air Carrier Operations

**Exhibit 309-1** – Engineered Materials Arresting Systems (EMAS) Maintenance Program

**Exhibit 311-1** – Sign Plan

**Exhibit 311-2** – Preventive Maintenance Inspection Procedures for PAPIs and Generators

**Exhibit 313-1** – Snow and Ice Control Plan

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**Exhibit 400-1** – Maintenance Corrective Action Form

**Exhibit 500-1** – LOA, Airport Emergency Services at Minneapolis-St. Paul International Airport (MSP)

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**Exhibit 500-2** – LOA, Land and Hold Short Operations (LAHSO) Procedures

**Exhibit 500-3** – LOA, Movement/Non-movement Areas

**Exhibit 500-4** – LOA, Runway Lighting for CAT II and III Approaches

**Exhibit 500-5** – LOA, Surface Movement Guidance Control System Procedures

**Exhibit 500-6** – LOA, Minneapolis Airport Traffic Control Tower Contingency Plan - Temporary Tower

**Exhibit 500-7** – LOA, Notification Process by the Metropolitan Airports Commission for Surface Area Notices to Airmen

**Exhibit 500-8** – LOA, Reporting Airport Movement Area Conditions and Notification

**Exhibit 500-9** – LOA, Notice to Airmen (NOTAM) Notification Responsibility

**Exhibit 500-10** – LOA, Runway Safety Areas

**Exhibit 500-11** – LOA, Minneapolis Airport Traffic Control Tower Contingency Plan - Temporary Tower - Orange Ramp

**Exhibit 500-12** – SMS Implementation Plan Approval Letter

**MINNEAPOLIS-ST. PAUL INTERNATIONAL AIRPORT CERTIFICATION MANUAL****Revision Control Sheet**

<b>Revision Number</b>	<b>Revision Date</b>	<b>Revision Contents and/or Remarks</b>
001	07/01/07	Pages iv - vi, Revision Control Sheet, Distribution List
001	07/01/07	Page 11-2, Declared Distances & Displaced Thresholds
001	07/01/07	Page 11-3, safety areas for Taxiways K & L
001	07/01/07	Page 12-3, 12-4, 12-5, Taxiway reflectors
001	07/01/07	Page 15-1, & 15-2, paragraph a, vehicles 16 & 17
001	07/01/07	Page 16-1, items c & e
001	07/01/07	Page 21-1, 21-2, 21-3, 21-4, 21-5, Pedestrian and Ground Vehicles
001	07/01/07	Page 24-1, item 3.a
001	07/01/07	Exhibit 1, Operations Organization Chart
001	08/15/06	Exhibit 7, Sign Plan
001	07/01/07	Exhibit 9, Snow Plan
001	07/01/07	Exhibit 13, Letters of Agreement
002	01/22/09	Exhibit 7, Updated Sign Plan
003	03/31/09	Exhibit 9, Snow Plan: Added information related to continuous monitoring and crew resource management.
004	10/31/10	Complete update of the entire document.
005	01/01/12	Page 21-1, 21-2, 21-3, 21-4, 21-5, 21-6, Pedestrian and Ground Vehicles
006	03/18/13	Pages i, iv, Table of Contents and Revision Control Sheet. Pages v-vi, Elimination of Document Control Sheet (page renumbering). Page 4-1, Falsification, reproduction, or alteration of applications, certificates, reports, or records. Page 8-1, 8-2 (format), CEO, Personnel. Page 21-2, 21-4, Pedestrians and Ground Vehicles.
007	09/15/13	00 -Table of Contents; Sections 9, 11, 12, 15, 16, 20, 24, 26, 27; Exhibits 1, 2, 4, 5-2, 6, 7, 9-1, 9-2, 10, 11, 13-1, 13-2, 14, 16, 17.
008	07/31/14	00 - Table of Contents, Section 21
009	08/01/14	Table of Contents, Section 13, Exhibit 9
010	03/24/2016	Updates to 00 - Table of Contents and Sections 12, 15, 16, 17, 20, and 26 as well as Exhibits 1, 4, 7, 10, 12, 14, and 15. Addition of Exhibit 18.

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<b>Revision Number</b>	<b>Revision Date</b>	<b>Revision Contents and/or Remarks</b>
011	09/01/2016	Changes to Sections 13, 20, 26 and Exhibit 9 to incorporate Runway Condition Codes (RCCs) and other changes to Airport Condition Reporting methods.
012	02/11/2018	Updates to 00 - Table of Contents, Sections 9 and 12 and Revised Movement/Non-Movement Area Letter of Agreement in Exhibit 13.
013	05/11/2018	Updates to 00 - Table of Contents, Distribution List, Section 21, Exhibit 1, Exhibit 5, and Exhibit 9
014	08/31/2018	Updates to Table of Contents, Section 11-Safety Areas, Section 12-Marking, Signs and Lighting, Section 15-ARFF Equipment and Agents, Section 17-Handling and Storing of Hazardous Substances and Materials, Exhibit 10-ARFF Equipment/Personnel, Exhibit 16-Preventive Maintenance Procedures for PAPIs and Generators, Exhibit 17-Engineered Materials Arresting System (EMAS) Maintenance Program, Exhibit 18-Fuel System Inspection Reports and Exhibit 19 - Corrective Action Form
015	11/09/2018	Updates to Section 19- Airport Emergency Plan and Exhibit 11- Airport Emergency Plan
016	06/01/2019	Entire document reformatting, and reorganization. Updates to Section 317- ARFF: Equipment and Agents, Section 321 -Handling and Storing of Hazardous Substances and Materials, Exhibit 303-1-Organization Chart, Exhibit 313-1-Snow Plan, Exhibit 317-1-ARFF Equipment/Personnel, Exhibit 327-1-Daily Self-Inspection Forms, Exhibit 339-1-NOTAM Information
017	09/27/2019	Updates to Distribution List, Section 323-Air Traffic and Wind Direction Indicators, Exhibit 311-2-Preventive Maintenance Inspection Procedures for PAPIs and Generators, Exhibit 313-1-1-Snow Plan, 321-1-Fuel System Inspection Reports, Exhibit 327-1-Self-Inspection Forms
018	10/01/20	Updates to Distribution List, Section C of Section 321 and replacement of pages 4 and 5 of Exhibit 321-1 with new training form.
019	11/20/20	Updates to Distribution List, Section 309, Section 311, Section 321, Section 323, Exhibit 305-2, Exhibit 311-2, and Exhibit 500-1
020	12/23/20	Updates to the Table of Contents and the Sign Plan in Exhibit 311-1.

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<b>Revision Number</b>	<b>Revision Date</b>	<b>Revision Contents and/or Remarks</b>
020A	06/16/2021	Updates to the Table of Contents, Distribution List, and the Sign Plan in Exhibit 311-1.
021	6/21/2021	Updated Wildlife Hazard Management Plan in Exhibit 337-1.
022	3/25/2022	Updated Table of Contents-Distribution List, Section 303, Section 327, Exhibit 309-1, Exhibit 311-2, and Exhibit 327-1.
023	04/22/2022	Updated Section 311, Section 325, Section 339, Exhibit 325-1 and Exhibit 339-1
024	08/26/2022	Updated Table of Contents, Section 305, Section 311, Exhibit 313-1, Exhibit 321-1, Exhibit 500-1
025	11/18/2022	Updated Table of Contents, Section 301, Section 317, Section 335, Exhibit 101-2, and Exhibit 500-10
026	07/14/2023	Updated Table of Contents, Section 201, Section 311, Section 327, Section 329, and Exhibit 327-1
027	10/06/2023	Updated Table of Contents Distribution List, Section 313 and Exhibit 313-1.
028	10/12/2023	Updated Exhibit 325-1, Airport Emergency Plan - Revision 06
029	12/29/2023	Updated Section 309, Section 317, Section 319, and Exhibit 317-1
030	01/26/2024	Update to the Sign Plan, Exhibit 311-1
031	01/31/2024	Updated Exhibit 325-1, Airport Emergency Plan - Revision 07
032	04/12/2024	Updated Section 337 and Exhibit 337-1, Wildlife Hazard Management Plan
033	05/30/2024	Updated Table of Contents Distribution List, Exhibit 500-6, and added new Exhibit 500-11.
034	07/10/2024	Updated Section 317, Exhibit 317-1, and Exhibit 500-6.
035	09/09/2024	Updated Exhibit 313-1, Snow and Ice Control Plan
036	09/18/2024	Updated Exhibit 325-1, Airport Emergency Plan
037	09/19/2024	Added Sections 401, 403, and Exhibit 500-12

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### **Distribution List**

1. Original ACM
  2. FAA Airport Certification Inspector
  3. MAC Executive Director/CEO
  4. MAC Executive Vice President/COO
  5. MAC Vice President Management and Operations
  6. MAC Director of Integrated Operations
  7. MAC Director of Airport Maintenance and Asset Management
  8. MAC Director of Terminal and Landside Operations
  9. MAC Assistant Director of Field Maintenance
  10. MAC Director of Real Estate and Airline Affairs
  11. MAC Emergency Manager
  12. MAC Airport Police Department
  13. MAC Airport Fire Department
  14. MAC SMS Manager
  15. MAC Trades Department
  16. MAC Field Maintenance Department
  17. MAC Electrical Department
  18. MAC Paint Department
  19. MAC Airport Development Department
  20. MAC Airside Operations Department
  21. MAC Emergency Communications Department
  22. Air Traffic Manager, FAA Air Traffic Control Tower
  23. Manager, FAA Airways Facilities
  24. Minnesota State Department of Transportation
  25. General Manager, Signature Flight Support
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### Distribution List

26. Station Manager, Air Canada
  27. Station Manager, WestJet Airlines
  28. Station Manager, American Airlines
  29. Station Manager, Southwest Airlines
  30. Station Manager, Delta Air Lines
  31. Station Manager, FedEx
  32. Station Manager, Frontier Airlines
  33. Station Manager, Icelandair
  34. Station Manager, UNIFI
  35. Station Manager, Spirit Airlines
  36. Station Manager, Skywest Airlines
  37. Station Manager, Endeavor Airlines
  38. Station Manager, United Airlines
  39. Station Manager, Sun Country Airlines
  40. Station Manager, Alaska Airlines
  41. Station Manager, DHL
  42. Station Manager United Parcel Service
  43. 934th Air Force Reserve
  44. 133rd Air National Guard
  45. Swissport
  46. Station Manager, Denver Air Connection
  47. Station Manager, JetBlue
  48. Station Manager, Air France/KLM
  49. Station Manager, Atlas Air
  50. Station Manager, Allegiant Airlines
- 

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### **Distribution List**

- 51. Station Manager, Amazon Air
- 52. Station Manager, Condor Airlines
- 53. Station Manager, Aer Lingus
- 54. Station Manager, Lufthansa

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### **Section 401 - Airport Safety Management System: General Requirements**

Under Part 139.401(a), Minneapolis-St. Paul International Airport is required to comply with SMS requirements as the FAA has determined it is classified as a large hub based on passenger data extracted from the Air Carrier Activity Information System.

In accordance with Part 139 subpart E, Minneapolis-St. Paul International Airport will develop, implement, maintain, and adhere to the Airport Safety Management System (SMS). The scope of the Airport SMS encompasses aircraft operation in the movement area, aircraft operation in the non-movement area, and other airport operations addressed under Part 139. The Minneapolis-St. Paul International Airport is the responsible party for compliance with the Airport SMS.

Policies and procedures for the development of, implementation of, maintenance of, and adherence to the Airport's SMS, as required under Part 139 subpart E, will be contained in a separate Airport SMS Manual, which will be maintained in the Metropolitan Airports Commission's General Office by the SMS Accountable Executive and their designated appointee.

On an annual basis, or upon FAA request, the Airport shall provide the FAA copies of any changes to the Airport SMS Manual.

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### **Section 403 – Airport Safety Management System: Implementation**

In accordance with Part 139.403 (a), the Airport has an FAA-approved SMS Implementation Plan. This Implementation Plan provides details on how the Airport will meet Part 139 SMS requirements, including –

- A schedule for implementing SMS components and elements prescribed in Part 139.402; and
- Description of any existing programs, policies, or procedures that the Airport intends to use to meet Part 139 SMS requirements;

The Airport will fully implement its Airport SMS within 36 months after FAA approves its SMS Implementation Plan (see Approval Letter in Exhibit 500-12) and in accordance with the FAA-approved SMS Implementation Plan.



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### Exhibit 500-12 SMS Implementation Plan Approval Letter



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Great Lakes Region  
2300 East Devon Ave.  
Des Plaines, IL 60018

March 27, 2024

Mr. Brian Ryks, Executive Director  
Minneapolis-St. Paul International / Wold Chamberlain  
6040 28<sup>th</sup> Ave. South  
Minneapolis, MN 55450

**RE: Approval of Part 139 SMS Implementation Plan for Minneapolis-St. Paul International / Wold Chamberlain Airport (MSP).**

Mr. Ryks:

The Federal Aviation Administration (FAA) has approved the Implementation Plan submitted by Minneapolis-St. Paul International / Wold Chamberlain Airport, Minneapolis, MN. This plan is to be used to comply with 14 CFR § 139.403. The certificate holder is responsible for adhering to all elements and timelines contained in the plan. Updates to the approved plan timelines or elements will be submitted to the FAA but will not require further FAA approval providing the requirements as defined in 14 CFR parts §139.402 and §139.403 continue to be met.

In accordance with the requirements as defined in part 139.403(c)-(d), you must submit your SMS manual within 12 months from the date of this approval letter. In addition, you must fully implement your SMS as identified in your implementation plan, no later than 36 months from the date of this letter.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Paul Williams".

Paul Williams  
Lead Airport Certification Safety Inspector – AGL  
FAA Office Of Airports

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Exhibit 500-12, page 1

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