

## Screenshots of RAM Data Collection

### Paperwork Reduction Act Burden Statement

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OMB CONTROL NUMBER: 2120-0015  
EXPIRATION DATE: 4/30/2023

**Airport Data and Information Portal - Home**

**COVID-19 NOTICE:** Please click here to see the latest ADIP updates related to COVID-19

Search 5010 Facilities by Name or Loc ID...

You currently have no favorite facilities. To add a facility, perform a search and select the star next to the facility name.

Go To Advanced Facility Search

**AGIS Survey Projects** *\*News/Updates / Revised 2/21/2022\**

- My Survey Projects
- Create New Survey Project
- Test a Survey File
- Survey Reports
- User Guides & Templates

**Airport Master Record (AMR)**

- View Facility Data (Airport/Heliport)
- Update Facility Data (Airport/Heliport)
- View Submissions
- User Guide
- Airport Data Submission Workflow (PDF)(PowerPoint)

**Modification of Standard (MOS)**

- My MOS
- Create New MOS
- MOS User Guide

**Runway Safety Area (RSA)**

- My RSA Inventory
- User Guide
- Training Guide
- AC 150/5300-13

**Runway Airspace Management (RAM)**

- My RAM Projects
- Select Facility/Create Project
- User Guide

**Search Wind Data**

- Download Wind Speed Data
- Wind Analysis/Generate Windrose
- User Guide

**Additional Data**

- View Facility Documents List (Upload Memo)
- View/Download Completed Surveys
- View/Download Obstacle Data
- View/Download Historical Aeronautical Information

**My Account (Airport Sponsor)**

- Update My Account Information
- Change My Password

**RAM Facility Selection**

Select a Facility

dallas

- 9TS8 - DALLAS REHABILITATION INSTITUTE
- T13 - DALLAS SOUTH PORT
- 1AA0 - DALLAS BAY SKY PARK
- 49T - DALLAS CBD VERTIPOINT
- TA40 - DALLAS CITY HALL

**FACILITY SUMMARY** ☆ MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN

- Projects
- History
- Notes
- Consultant Management

**Facility Information**

**MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN(MSP)**  
 Site No: 10824.\*A  
 City / State: MINNEAPOLIS, MINNESOTA  
 ADO: Dakota/Minnesota  
 Region: Great Lakes

My RAM Projects

**Active Projects** Create Project

Active All Completed Terminated

RAM ID	Type	Mitigated Objects	Total Objects	Created By	Created On	Last Modified By	Last Update Date	Workflow Step

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 Site No: 10824.\*A  
 City / State: MINNEAPOLIS, MINNESOTA  
 ADO: Dakota/Minnesota  
 Region: Great Lakes

My RAM Projects

**Active Projects** Obstacle Management Project Create Project

Active All Completed Terminated

RAM ID	Type	Mitigated Objects	Total Objects	Created By	Created On	Last Modified By	Last Update Date	Workflow Step
MSP-2022-OMP-19	Obstacle Management	19	19	Consultant	07/11/2022	Consultant	07/14/2022	Draft

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN

Facility Summary

Search Select

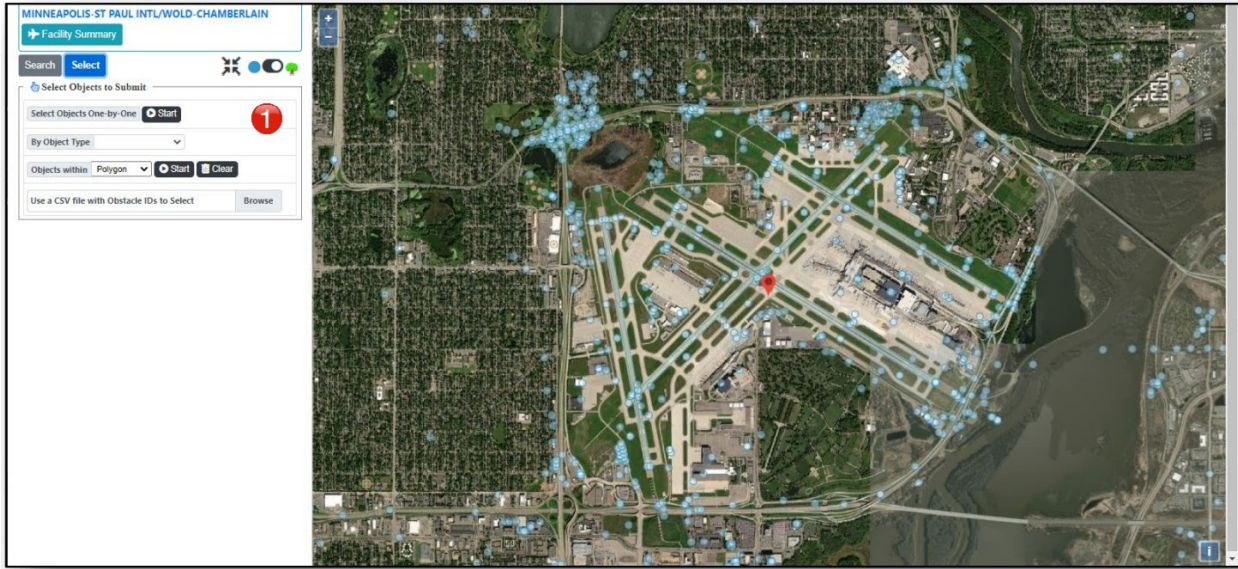
Objects around the Facility

Retrieve objects within 3 NM Go

Clear All Objects (814) Save as KML

Map ESRI World Imagery

- Locked (In Used) Objects
- Selected Objects
- The Focused Objects (Selected)
- Tree
- Building
- Tower
- Antenna
- Sign
- Lighting
- Terrain
- Pole
- Transmission Line
- The Facility Center Point

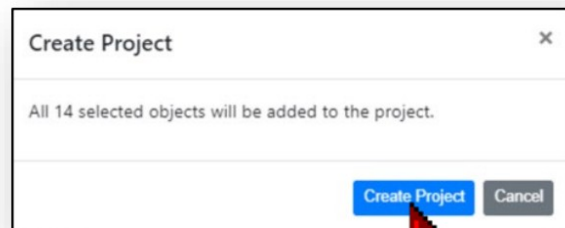


Selected Objects (14)

Filter by:  Save as KML

Id		Amsl	Lat	Lon	
27-055484	POLE TERRAIN TREE	853	44.8903	-93.2326	
27-023988	Pole	883	44.8906	-93.2329	
27-055489	Tree	903	44.8916	-93.2365	
27-055592	Tree	908	44.8927	-93.2361	
27-055487	Tree	900	44.8912	-93.2356	
27-055492	Tree	903	44.8919	-93.2356	
27-055590	Tree	903	44.8926	-93.2353	
27-061290	Tree	899	44.8916	-93.2352	
27-061770	Tree	897	44.8904	-93.2353	

Create an Obstacle Management Project





**PROJECT DETAILS**

Objects

- Draft **Active**
- Sponsor
- FAA
- History

Map: Digital Globe Imagery

Object Type

RAM Facility Details

**MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN**

City / State: MINNEAPOLIS, MINNESOTA  
 ADO: Dakota/Minnesota  
 Region: Great Lakes

**MSP-2022-OMP-19**  
 In Progress 5

Filter: Un-Mitigated 6

Obstacle Id	Type	AMSL (ft)	Mitigation Action
<input type="checkbox"/> 27-023882	Building	825	
<input type="checkbox"/> 27-023963	Pole	884	
<input type="checkbox"/> 27-024044	Pole	852	
<input type="checkbox"/> 27-024045	Pole	818	
<input type="checkbox"/> 27-024046	Pole	836	
<input type="checkbox"/> 27-024047	Pole	819	
<input type="checkbox"/> 27-024048	Pole	827	
<input type="checkbox"/> 27-024050	Pole	844	
<input type="checkbox"/> 27-024051	Pole	839	
<input type="checkbox"/> 27-045696	Tree	831	
<input type="checkbox"/> 27-045697	Tree	842	
<input type="checkbox"/> 27-055500	Tree	885	
<input type="checkbox"/> 27-055501	Tree	895	
<input type="checkbox"/> 27-055550	Tree	883	
<input type="checkbox"/> 27-055557	Tree	875	
<input type="checkbox"/> 27-055562	Tree	883	
<input type="checkbox"/> 27-055573	Tree	900	
<input type="checkbox"/> 27-055575	Tree	901	

Mitigate Remove

**PROJECT DETAILS**

Objects

- Draft **Active**
- Sponsor
- FAA
- History

Map: Digital Globe Imagery

Object Type

RAM Facility Details

**MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN**

**MSP-2022-OMP-19**  
 In Progress

Filter: Pole

Obstacle Id	Type	AMSL (ft)	Mitigation Action
<input type="checkbox"/> 27-023963	Pole	884	
<input checked="" type="checkbox"/> 27-024044	Pole	852	
<input type="checkbox"/> 27-024045	Pole	818	
<input checked="" type="checkbox"/> 27-024046	Pole	836	
<input checked="" type="checkbox"/> 27-024047	Pole	819	
<input checked="" type="checkbox"/> 27-024048	Pole	827	
<input checked="" type="checkbox"/> 27-024050	Pole	844	
<input checked="" type="checkbox"/> 27-024051	Pole	839	

Mitigate Remove

## Mitigate Objects



### Selected Objects

Obstacle Id	Type	Latitude	Longitude	AMSL (ft)	AGL (ft)	Accuracy
27-024050	Pole	44°52'21.9899"N	93°11'41.5800"W	844	61	1A
27-024051	Pole	44°52'20.3600"N	93°11'42.7699"W	839	74	1A
27-024048	Pole	44°52'15.1199"N	93°11'50.7500"W	827	26	1A
27-024047	Pole	44°52'20.5600"N	93°11'48.0799"W	819	29	1B
27-024046	Pole	44°52'13.4799"N	93°11'56.2600"W	836	25	1A
27-024044	Pole	44°52'25.8899"N	93°11'46.9500"W	852	42	1A

\*Mitigation Action:

Lit

\*Completion Date:



Enter date

2

Comments: (Optional)

3

\* Object lit according to the standards of AC 70/7460-1, Obstruction Marking and Lighting.

4

Save

Close

## Mitigate Objects



### Selected Objects

Obstacle Id	Type	Latitude	Longitude	AMSL (ft)	AGL (ft)	Accuracy
27-045696	Tree	44°52'14.2899"N	93°11'47.0999"W	831		1A

### Mitigation Action

### Documents

5

\*Mitigation Action:

Lowered

2

\*New AMSL:

\*Completion Date:



Enter date

3

**Document Upload Required:** Upload survey support documents showing when and how the new object AMSL elevation was surveyed and validated in the field. In the comments section below, include the regulatory requirements used for the field survey.

Comments: (Optional)

4

Save

Close

**Mitigate Objects** ✕

**Selected Objects**

Obstacle Id	Type	Latitude	Longitude	AMSL (ft)	AGL (ft)	Accuracy
27-045696	Tree	44°52'14.2899"N	93°11'47.0999"W	831		1A

♥ Mitigation Action
📎 Documents

Show Deleted ☰

♥ 27-045696 Documents
📎 Other Documents

File Name	Date	Added By	Action	s3
<div style="display: flex; justify-content: space-between; align-items: center;"> <span>📄 Add New Document</span> <span style="background-color: red; color: white; border-radius: 50%; padding: 2px 8px;">6</span> </div>				

Save
Close

**Mitigate Objects** ✕

**Selected Objects**

Obstacle Id	Type	Latitude	Longitude	AMSL (ft)	AGL (ft)	Accuracy
27-045696	Tree	44°52'14.2899"N	93°11'47.0999"W	831		1A

♥ Mitigation Action
📎 Documents

Show Deleted ☰

**Survey Certification of Obstacle Survey Accuracy - DRAFT 1 - 20220711.docx** Select File to Upload

Description (optional) 7

Survey certification document

Upload File
Cancel

8
Save
Close

## Mitigate Objects



### Selected Objects

Obstacle Id	Type	Latitude	Longitude	AMSL (ft)	AGL (ft)	Accuracy
51-020640	Tree	38°57'2.1399"N	77°25'58.4500"W	350	70	1A

1

\*Mitigation Action:

Change OBST Type

- Demolished
- Lit
- Lowered
- Lowered And Lit
- Not Valid
- Change OBST Type

\*Change to Obstacle:

Comments:

test

2

Save

Close



Mitigation Action
Documents

\*Mitigation Action:

3 \*New AMSL (ft):

\*Completion Date:  4

**Document Upload (Required):** Upload a surveying/engineering certification document that provides the date of the survey and confirms the survey accuracy meets or exceeds the accuracy of the selected object above.

Comments: (Optional)

\* Object lit according to the standards of AC 70/7460-1, Obstruction Marking and Lighting.

Save
Close

**PROJECT DETAILS**

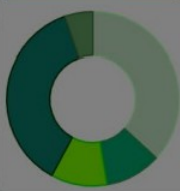
Objects

- Draft ACTIVE
- Sponsor
- FAA

History

Map: Digital Globe Imagery

Mitigation Type



[RAM Facility Details](#)

MINNEAPOLIS-ST PAUL  
INTL/WOLD-CHAMBERLAIN

**MSP-2022-OMP-19**

In Progress

Obstacle Id	Type	AMSL (ft)	Mitigation Action
27-023882	Building	825	Lit
27-024048	Pole	827	Lit
27-024050	Pole	844	Lit
27-024051	Pole	839	Lit

[Submit Draft](#)

RAM Options

Provide feedback

**Submit Draft**

Comment: (Optional)

Submit
Cancel

**FACILITY SUMMARY** ★ MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN

Projects  
History  
Notes  
Consultant Management

**Facility Information**  
 Site No: 10824.\*A  
 City / State: MINNEAPOLIS, MINNESOTA  
 ADO: Dakota/Minnesota  
 Region: Great Lakes

My RAM Projects

**Active Projects** Create Project

Active All Completed Terminated

RAM ID	Type	Mitigated Objects	Total Objects	Created By	Created On	Last Modified By	Last Update Date	Workflow Step
MSP-2022-OMP-19	Obstacle Management	19	19	Todd Johnson	07/11/2022	Todd Johnson	07/14/2022	Sponsor Review

**PROJECT DETAILS** RAM Options

Objects  
Draft  
Sponsor ACTIVE  
FAA  
History  
Map Digital Globe Imager  
Mitigation Type

RAM Facility Details

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN

**MSP-2022-OMP-19**  
In Progress

Obstacle Id	Type	AMSL (ft)	Mitigation Action
27-023882	Building	825	Lit Completion Date: 06/01/2022
27-023963	Pole	884	Not Valid
27-024044	Pole	852	Lit Completion Date: 06/01/2022
27-024045	Pole	818	Not Valid
27-024046	Pole	836	Lit Completion Date: 06/01/2022
27-024047	Pole	819	Lit Completion Date: 06/01/2022
27-024048	Pole	827	Lit Completion Date: 06/01/2022
27-024050	Pole	844	Lit Completion Date: 06/01/2022
27-024051	Pole	839	Lit Completion Date: 06/01/2022
27-045696	Tree	831	Lowered

Reject Submit to FAA

### 2 Acknowledge Conditions - Submit to FAA ✕

All submitted RAM mitigation action(s) in this project were approved by the Airport Manager prior to this submittal, and all data changes provided in this RAM project are a true and accurate representation of the completed airport mitigation.

**#1: Mitigation Action - "Lowered", "Lowered and Lit":** All *Lowered* mitigated object elevations (AMSL) were gathered by a Registered/Licensed Professional Land Surveyor for the associated airport state in accordance with AC 150/5300-18, or was resurveyed using the same horizontal/vertical accuracy as the original obstacle submittal. Survey documentation has been uploaded to the RAM project for all obstacles with survey accuracy greater than 4D (e.g. 1A, 2C).

**#2: Mitigation Action - "Demolished":** All *Demolished* objects have been field validated as completely removed to the surrounding ground level.

**#3: Mitigation Action - "Change OBST Type", "Lit", "Not Valid":** All *Change OBST Type, Lit, Not Valid* mitigations have been reviewed and coordinated with the Airport Manager, and have been field validated as true.

**Comment:** (Optional)

\* I acknowledge and understand that the submitted mitigation action(s) may directly affect aircraft flight safety and Instrument Flight Procedure Development. Providing false and/or inaccurate data (e.g., removing an obstacle that still exists) may contribute to an aircraft accident or incident.

Certify & Submit to FAA Cancel

Instructions for this process are available at [https://adip.faa.gov/agis/public/data/onlineHelp/pdf/ram/RAM\\_Users\\_Guide.pdf](https://adip.faa.gov/agis/public/data/onlineHelp/pdf/ram/RAM_Users_Guide.pdf).