



Inventory Paper Survey	B-2
Inventory On-line Survey	B-12





### **SASP Inventory Paper Survey**



#### 2011 Minnesota State Aviation System Plan INVENTORY DATA REQUEST

1. GENERAL INFORMATION	
Airport Name	Date of Survey
Total Airport AcreageA	irport Identifier
FAA Site Number	
Airport Manager Name	Manager Phone
Manager Phone 2 Manager E-ma	il Manager E-mail 2
Manager Street Address	
City State Zip	-
If you are not the Airport Manager	
Name and position of person completing survey	
Phone	
2. AIRPORT CHARACTERISTICS	
Airport has (select all that apply) Rotating Bea	acon Segmented Circle Wind Cone
☐ Lighted Wind	d Cone
Weather Reporting (type) - ASOS (Automated Surfa	ce Observation System) – AWOS (Automated Weather
Observation System) Select a Value: ASOS,	AWOS, None
Airport Reference Code (i.e. A-1, B-I)	
Source Select a Value: Airport Master Plan, Airp	ort Layout Plan, Other
If source other, please explain	Date of Source
Design Critical Aircraft (Type)	
Source Select a Value: Airport Master Plan, Airp	ort Layout Plan, Other
If source other, please explain	Date of Source
3. CURRENT AIRPORT USEAGE	
A. The Airport is used for the following purposes (s	elect all that apply)
Scheduled Air Carrier	☐ Environmental Patrol
☐ On-demand Charter	☐ Civil Air Patrol
☐ Corporate/Business Flights	Location for Community Facilities
☐ Recreational Flying	Police or Law Enforcement Flights
☐ Emergency Medical (air ambulance, etc.)	☐ Flight Training

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### **Inventory Paper Survey (Continued)**

	Gateway for VIP/High Pr Search and Rescue Aerial Photography/Surv Real Estate Tours Aerial Inspections (pipeli Staging Area for Commu Aerial Advertising/Banne Skydiving Other (Please Separate	eying ne, electric, etc) nity Events r Towing	☐ Shippii ☐ Prison ☐ Traffic ☐ Aviatio ☐ Forest	luled Cargo ing of Just-in-time Goods ier Transport or News Reporting on Museum t Fire Fighting ultural Spraying	
B.	Total number of off-airpo Distance to nearest off-a Total number of acres of Total combined acres do	inesses (please separate	- iles)	nas)	
C.	Number of Multi Engine	tion tion ther e Aircraft Based at Airport Aircraft Based at Airport ircraft Based at Airport _ s at Airport	ort		
	SERVICES PROVIDED Air Taxi Hangar Rental Tie Downs Jet A Fuel Sales Aircraft Repair-Major Aircraft Repair-Minor Restaurant Skydiving	AT THE AIRPORT  U.S. Customs/Immig Aircraft Rental  100LL Fuel Sales  Mogas Fuel Sales  Avionics Sales/Repa Vending Taxis  Courtesy Vehicle	ir C	General Aviation Facilities Pilot Lounge Aircraft Sales Restrooms Public Telephone Car Rental Public Transportation/Bus Service Other (Please separate by commas)	

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### **Inventory Paper Survey (Continued)**

5. AIRSIDE FACILITIES		
Please Add an Entry Below for Each Runway		
Designation (i.e. 17/35)		
Length (feet)		
Width (feet)		
Surface Type Select Asphalt, Asphalt-Concrete, C	oncrete, Turf, Other	
Other (Please Separate By Commas)		
Surface Treatment		
Select Grooved, Friction Course, Aggregate S	eal Coat, Rubberized Seal C	oat, Wire Comb, None, Othe
Other (Please Separate By Commas)		
Shoulder Select Paved, Unpaved, None		
Lights (Please Select One)	y runway lights)	
☐ MIRL (medium inte	ensity runway lights)	
☐ LIRL (low intensity	runway lights)	
Lights continued (Please Select All That Apply)	☐ Centerline Lights☐ Non-standard	☐ Pilot Controlled☐ None
Parallel Taxiway Select Full, Partial, None		
Weight Bearing Capacity Under, Dual Dual Tander	m (DDT) Wheel Landing Gea	ır
Weight Bearing Capacity Under Dual Tandem (DT	) Wheel Landing Gear	
Weight Bearing Capacity Under Dual Wheel (DW)	Landing Gear	
Weight Bearing Capacity Under Single Wheel (SW	/) Landing Gear	
Pavement Condition Index		
Runway End 1 (i.e. 17)		
Runway End 1 NAVAIDs (Please Select All That A	apply)	
	System with Rail)	
ODAL (Omnidirectional Approach Light Sys	stem)	
REIL (Runway End Identifier Lights)		
☐ PAPI (Precision Approach Path Indicator)		
☐ VASI (Visual Approach Slope Indicator)		
☐ Pilot Controlled		
Other (Please Separate By Commas)	_	
Runway End 1 Instrument Approach (Please Selection	ct All That Apply)	
☐ PI (Precision Instrument)		
APV - LPV - LNAV / VNAV		
APV - RNP		

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### **Inventory Paper Survey (Continued)**

	☐ NPI (Non-Precision Instrument) ☐ NONE
Dun	way End 1 Macta Burguay Cafaty Area /DCA\ Standards
	way End 1 Meets Runway Safety Area (RSA) Standards S <i>elect</i> Yes, No, Yes With Exception, Do Not Know
	way End 1 Meets Clear Zone Standards
	Select Yes, No, Yes With Exception, Do Not Know
Expi	ain Runway 1 RSA and/or Clear Zone Exceptions
Run	way End 2 (i.e. 35)
Run	way End 2 NAVAIDs (Please <i>Select</i> All That Apply)
[	MALSR (Medium-Intensity Approach Light System with Rail)
Ī	ODAL (Omnidirectional Approach Light System)
[	REIL (Runway End Identifier Lights)
[	PAPI (Precision Approach Path Indicator)
[	☐ VASI (Visual Approach Slope Indicator)
[	☐ Pilot Controlled
(	Other (Please Separate By Commas)
Run	way End 2 Instrument Approach (Please Select All That Apply)
[	☐ PI (Precision Instrument)
Ī	APV - LPV - LNAV / VNAV
[	APV - RNP
ſ	□ NPI (Non-Precision Instrument)
-	NONE
Run	way End 2 Meets Runway Safety Area (RSA) Standards
	Select Yes, No, Yes With Exception, Do Not Know
	way End 2 Meets Clear Zone Standards
	Select Yes, No, Yes With Exception, Do Not Know
	ain Runway 2 RSA and/or Clear Zone Exceptions
6. I	LANDSIDE FACILITIES
A. A	Air Carrier Terminal
	Total Area (sq ft)
	Year Built
	ast Major Renovation Date
	Number of Loading Positions
	General Aviation Terminal

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### **Inventory Paper Survey (Continued)**

	Total Area (sq ft)
	Year Built
	Last Major Renovation Date
C.	Administration Building
	Total Area (sq ft)
	Year Built
	Last Major Renovation Date
D.	Air Carrier Apron Area
	Total Area (sq yds)
E.	General Aviation Apron Area
	Total Area (sq yds)
F.	Air Cargo Hangar Facilities
	Total Area (sq ft)
	Year Built (Most Recent)
	Last Major Renovation Date
G.	Air Cargo Warehouse and Office Facilities
	Total Area (sq ft)
	Year Built (Most Recent)
	Last Major Renovation Date
H.	Air Cargo Apron Facilities
	Total Area (sq yds)
l.	Hangars
	T-Hangars
	Number of City Owned
	Number of Privately Owned
	Conventional Hangars
	Number of City Owned
	Number of Privately Owned
	Total Area (sq ft)
	Is there a waiting list for hangar space? Select a Value: Yes, No
	If so, number of aircraft on the list
	Number of aircraft owners on the wait list that would pay market price for new hangar space
	Number of Tie-downs for Transient Aircraft
	Paved
	Unpaved
	Number of Tie-downs for Based Aircraft
	Paved
	Unpaved
	Is there a waiting list for Tie-downs? Select a Value: Yes, No

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### **Inventory Paper Survey (Continued)**

	If so, number of aircraft on the list
J.	Fuel Type
	Mogas Capacity (gallons)
	100LL Capacity (gallons)
	Jet A Capacity (gallons)
K.	Perimeter Fencing
	Select a Value: Full, Partial, None
L.	Auto Parking Spaces
	Number of Spaces
	Terminal
	GA
	Employee
M.	FBO
	Please Add an Entry Below for Each FBO
	FBO Name
	FBO Contact
	FBO Telephone
7.	CURRENT BASED AIRCRAFT
٠.	Please indicate NUMBER of aircraft
	Single Engine Piston
	Multi-Engine Piston
	Turboprop
	Jet
	Non-Military Helicopter
	Glider
	Ultralight
	Military Fixed Wing
	Military Helicopter
	Other (indicate number and specify types(s) separated by commas
_	CURRENT ORFRATIONAL DATA
8.	CURRENT OPERATIONAL DATA
	Definition of Operation: an aircraft takeoff or a landing
	Busiest Month for Airport Operations
	Typical Peak Hour Number of Operations in Busiest Month Number of Operations on Busiest Day Number of Annual Operations (2010)
	Number of Annual Operations (2010)
	Number of Affidat Operations (2010)

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Estimated percentage of annual airport operations (100%)



### **Inventory Paper Survey (Continued)**

Local	
Itinerant	
Estimated percentage of annual airport operations (100%)	
Business	
Leisure	
Flight Training	
. AIRPORT TRENDS	
Over the last five years, describe general trends experienced in the following categories	
evel of Commercial Passenger Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of Cargo Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of GA Business/Corporate Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of GA Training/Student Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of GA Recreational Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
Over the next five years, describe anticipated trends in the following categories	
evel of Commercial Passenger Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of Cargo Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of GA Business/Corporate Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of GA Training/Student Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
evel of GA Recreational Activity	
Select a Value: Significant Increase, Increase, About the Same, Decrease, Significant Decrease, Not Applicable	
0. AIRPORT PLANNING	
current Airport Improvements Underway	
constraints to Future Airport Expansion (zoning, environmental concerns, local laws, ordinances, etc.)	_
irport Master Plan	_
Plan is Underway Select a Value: Yes, No	
Approval Date	
Page <b>7</b> of <b>10</b>	





### **Inventory Paper Survey (Continued)**

Airport Layout Plan	
Plan is Underway Select a Value: Yes, No	
Approval Date	
Airport Safety Zoning Ordinance	
Ordinance is Underway Select a Value: Yes, No	
Approval Date	
Is the approved ordinance zoned for (please select all that apply)	
☐ Existing Runway(s)	
☐ Proposed Runway(s)	
☐ Ultimate Runway(s)	
Municipal Comprehensive Plan	
Plan is Underway Select a Value: Yes, No	
Approval Date	
Does Plan Coordinate with Airport Zoning Select a Value: Yes, No	
Strengths of Airport in terms of its current and future status within Minnesota's system of airports	_
Weaknesses that limit Airport's present and future development	_
Opportunities that could enhance the role played by the Airport	
Threats that could jeopardize the Airport's ability to effectively fulfill its mission	_
	_
44 Airnort Adoquacy	
11. Airport Adequacy  Note the Adequacy of the Following	
Please Note "Not Applicable" as appropriate and provide additional explanations in Section 12 General	
Comments/Information	
Runway Length  Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not	
Applicable	
Runway Width	
Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not	
Applicable	
Airfield Pavement Condition	
Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not	
Applicable	
Runway Instrumentation	
Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable	

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### **INVENTORY SURVEY**



#### **Inventory Paper Survey (Continued)**

#### Taxiway Layout

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Taxiway Width

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Taxiway Pavement Condition

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Airfield Lighting

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Airfield Signage

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Airfield Capacity

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Aircraft Parking/Storage Capacity

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Auto Parking

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Taxi Service

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Rental Car Service

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Availability of Courtesy Car

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Surface Access

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Integration of Multi-Modal

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Transportation Modes

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

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### **INVENTORY SURVEY**



### **Inventory Paper Survey (Continued)**

#### Terminal/FBO Size

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Terminal/FBO Condition

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Aviation Fuel Storage Capacity

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Minimal Air Traffic Conflicts

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### Minimal Airspace Conflicts

Select a Value: Totally Adequate, Reasonably Adequate, Neutral, Somewhat Inadequate, Totally Inadequate, Not Applicable

#### 12. General Comments/Information

Please provide any additional comments and/or information here	

### **INVENTORY SURVEY**



#### **Inventory On-line Survey**

Minnesota State Aviation System Plan

2011 Minnesota State Aviation System Plan

#### **Inventory Survey**



#### Welcome

The Minnesota Department of Transportation (Mn/DOT) Office of Aeronautics is preparing the 2011 Minnesota State Aviation System Plan (SASP). The SASP is a comprehensive 20-year plan for the development of airports and aviation in Minnesota. As part of this plan, an inventory survey of all the SASP airports is being completed. Please complete the questionnaire as your input is vital to this planning effort.

Respondents that complete the survey by 5:00 p.m. CDT on Friday, April 22, 2011, will be entered into a drawing to win an iPad provided by HNTB (one entry per airport). All surveys must be completed by 5:00 p.m. CDT on Friday, April 29, 2011.

If you have questions about the survey or to request a hard copy to fill out, please contact Todd Wright, HNTB Corporation, at (952) 345-5971 or twright@hntb.com. You can also contact Dick Theisen, Mn/DOT Office of Aeronaulics, at (651) 234-7192 or Dick Theisen@state.mn.us for questions regarding the SASP. Additionally, staff will be available to answer your questions at the 2011 Minnesota Council of Airports Conference (April 13-15).

This survey is separated into 12 sections. You can work through each section in order, or jump from section to section using the navigation. Please provide any additional information or comments in section 12.

You must select SAVE DATA on each page to record your edits and additions. Your updates will be available for further review or changes if you return to that page.

When you have completed all pages of the survey, select the SUBMIT SURVEY button to submit your completed survey. After submitting, you will no longer have access to the survey. Submittals before 5:00 p.m. CDT on Friday, April 22, will be entered into the iPad drawing.

The following browser versions are recommended for best performance:

- Internet Explorer 7+
- Firefox 3+
- Safari 4+
- Chrome 8+

Summaries of the survey responses will be included in the SASP report and GIS database being prepared as part of this study. For information about acronyms go to the Glossary of Airport Acronyms. Thank you for helping the Minnesota Department of Transportation obtain the most accurate picture of statewide airport conditions for this system

Continue to the Survey

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https://www.2011mnsaspsurvey.org/Welcome.aspx





### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

2011 Minnesota State Aviation System Plan

#### **Inventory Survey**



	d. Our and Inform	-4:			
GENERAL INFORMATION	1. General Informa	ation			
AIRPORT CHARACTERISTICS	AIRPORT NAME			DATE C	F SURVEY
CURRENT AIRPORT USAGE					
SERVICES PROVIDED AT THE AIRPORT	TOTAL AIRPORT ACREAGE	AIRPORT IDENT	IFIER	FAA SIT	TE NUMBER
IRSIDE FACILITIES		TWM		11029.	9*A
ANDSIDE FACILITIES	AIRPORT MANAGER NAME		MANAGER PHON	ΙE	MANAGER PHONE 2
CURRENT BASED AIRCRAFT					
CURRENT OPERATIONAL DATA	MANAGER E-MAIL		MANAGER E-MAI	L 2	
IRPORT TRENDS					
IRPORT PLANNING	MANAGER STREET ADDRESS				
IRPORT ADEQUACY	CITY	STATE		ZIP	
BENERAL COMMENTS/INFORMATION					
Save Data	If you are not the Airport M	Manager:			
	NAME AND POSITION OF PERSO	ON COMPLETING SUF	RVEY		PHONE
Submit Survey					
By submitting this survey, you will no longer have access to the survey. Thank you for helping the Minnesota Department of Transportation obtain the most accurate picture of statewide airport conditions for this system plan.					

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### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

2011 Minnesota State Aviation System Plan

#### **Inventory Survey**



SENERAL INFORMATION	2. Airport Characteristics	
IRPORT CHARACTERISTICS	Airport has (select all that apply):	
CURRENT AIRPORT USAGE	ROTATING BEACON	
SERVICES PROVIDED AT THE AIRPORT	SEGMENTED CIRCLE	
AIRSIDE FACILITIES	■ WIND CONE	
ANDSIDE FACILITIES	LIGHTED WIND CONE	
CURRENT BASED AIRCRAFT	WEATHER REPORTING (TYPE) - ASOS (AUTOMATED SURFA	ACE OBSERVATION SYSTEM) - AWOS
CURRENT OPERATIONAL DATA	(AUTOMATED WEATHER OBSERVATION SYSTEM)	
NRPORT TRENDS		
NRPORT PLANNING	AIRPORT REFERENCE CODE (I.E. A-I, B-II)	SOURCE
NRPORT ADEQUACY		
GENERAL COMMENTS/INFORMATION	IF SOURCE OTHER, PLEASE EXPLAIN	DATE OF SOURCE
Save Data	DESIGN CRITICAL AIRCRAFT (TYPE)	SOURCE
Submit Survey	IF SOURCE OTHER, PLEASE EXPLAIN	DATE OF SOURCE
By submitting this survey, you will no longer have access to the survey. Thank you for helping the Minnesota Department of Transportation obtain the most accurate picture of statewide airport conditions for this system plan.		

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### **INVENTORY SURVEY**



### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

2011 Minnesota State Aviation System Plan

#### **Inventory Survey**



GENERAL INFORMATION	3. Current Airport Usage
AIRPORT CHARACTERISTICS	A The Airport is used for the following purposes (select all that apply):
CURRENT AIRPORT USAGE	SCHEDULED AIR CARRIER
SERVICES PROVIDED AT THE AIRPORT	ON-DEMAND CHARTER
AIRSIDE FACILITIES	CORPORATE/BUSINESS FLIGHTS
LANDSIDE FACILITIES	RECREATIONAL FLYING
CURRENT BASED AIRCRAFT	☐ FLIGHT TRAINING
CURRENT OPERATIONAL DATA	SCHEDULED CARGO
AIRPORT TRENDS	SHIPPING OF JUST-IN-TIME GOODS
AIRPORT PLANNING	☐ PRISONER TRANSPORT
AIRPORT ADEQUACY	☐ TRAFFIC OR NEWS REPORTING
GENERAL COMMENTS/INFORMATION	☐ AVIATION MUSEUM
	☐ FOREST FIRE FIGHTING
Save Data	AGRICULTURAL SPRAYING
0.1-20	☐ ENVIRONMENTAL PATROLS
Submit Survey	☐ CIVIL AIR PATROL
By submitting this survey, you will no longer have access to the	☐ LOCATION FOR COMMUNITY FACILITIES
survey. Thank you for helping the Minnesota Department of	POLICE OR LAW ENFORCEMENT FLIGHTS
Transportation obtain the most accurate picture of statewide airport conditions for this system plan.	EMERGENCY MEDICAL (AIR AMBULANCE, ETC.)
conditions for this system plant	GATEWAY FOR VIP/HIGH PROFILE VISITORS
	SEARCH AND RESCUE
	AERIAL PHOTOGRAPHY/SURVEYING
	☐ REAL ESTATE TOURS
	AERIAL INSPECTIONS (PIPELINE, ELECTRIC, ETC.)
	STAGING AREA FOR COMMUNITY EVENTS
	☐ AERIAL ADVERTISING/BANNER TOWING
	OTHER (PLEASE SEPARATE BY COMMAS)





### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

TOTAL NUMBER OF ON-AIRPORT INDUSTRIAL PARKS			PARKS	TOTAL NUMBER OF OFF-AIRPORT INDUSTRIAL PARKS				
DISTANCE	TO NEARE	ST OFF-AIRPO	RT INDUSTRI	AL PARK (MILE	ES)			
	ABINED AC	RES OF ALL IN	DUSTRIAL	TOTAL	COMBINED ACRE	ES DEVELOPE	D	
PARKS				_				
TENANTS C	R TYPES (	OF BUSINESSE	ES (PLEASE S	EPARATE BY	COMMAS)			
AIRPORT U	SAGE BY II	NDUSTRIAL PA	ARK TENANTS	(PLEASE SEF	PARATE BY COM	MAS)		
c Majo	r Airport	Users and (	Off-Airport [	Dependent I	Business:			
Please Add	an Entry B	elow for Each	Businesses					
Company	Contact	Contact	Number of	Number of	Number of	Number of	Number of	
	Name and	Telephone Number	Single Engine	Multi Engine	Turboprop Aircraft Based	Business Jets Based	Helicopter Based at	
	Position		Aircraft	Aircraft		at Airport	Airport	
			Based at Airport	Based at Airport				
Company:								
Contact Nan	me and Posi	tion:						
Contact Tele	phone Num	nber:						
Contact Tele	ephone Num	nber:						
		nber: e Aircraft Based	at Airport:					
			d at Airport:					
Number of S	Single Engin							
Number of S	Single Engin	e Aircraft Basec						
Number of S Number of I	Single Engin	e Aircraft Basec	at Airport:					
Number of S Number of I	Single Engin	e Aircraft Basec	at Airport:					
Number of S Number of M	Single Engin Multi Engine Furboprop A	e Aircraft Based e Aircraft Based Aircraft Based at	at Airport:					
Number of S Number of M	Single Engin Multi Engine Furboprop A	e Aircraft Basec	at Airport:					
Number of S Number of I Number of I	Single Engin Multi Engine Furboprop A Business Jets	e Aircraft Based Aircraft Based at	at Airport: Airport:					
Number of I Number of I Number of E	Single Engin Multi Engine Furboprop A Business Jets	e Aircraft Based e Aircraft Based Aircraft Based at	at Airport: Airport:					
Number of S Number of I Number of I	Single Engin Multi Engine Furboprop A Business Jets	e Aircraft Based Aircraft Based at	at Airport: Airport:					
Number of S Number of I Number of I	Single Engin Multi Engine Furboprop A Business Jets	e Aircraft Based Aircraft Based at	at Airport: Airport:					
Number of S Number of I Number of I	Single Engin Multi Engine Furboprop A Business Jets	e Aircraft Based Aircraft Based at	at Airport: Airport:					





### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

2011 Minnesota State Aviation System Plan

#### **Inventory Survey**



GENERAL INFORMATION	4. Services Provided At The Airport
AIRPORT CHARACTERISTICS	Select all that apply:
CURRENT AIRPORT USAGE	U.S. CUSTOMS/IMMIGRATION
SERVICES PROVIDED AT THE AIRPORT	☐ TIE DOWNS
AIRSIDE FACILITIES	AIRCRAFT REPAIR - MAJOR
LANDSIDE FACILITIES	AIRCRAFT REPAIR - MINOR
CURRENT BASED AIRCRAFT	☐ RESTAURANT
CURRENT OPERATIONAL DATA	VENDING
AIRPORT TRENDS	☐ RESTROOMS
AIRPORT PLANNING	☐ PILOT LOUNGE
AIRPORT ADEQUACY	SKYDIVING
GENERAL COMMENTS/INFORMATION	☐ GENERAL AVIATION FACILITIES
	☐ AIRCRAFT RENTAL
Save Data	☐ JET A FUEL SALES
0.1-20	100LL FUEL SALES
Submit Survey	MOGAS FUEL SALES
By submitting this survey, you will no longer have access to the	AVIONICS SALES/REPAIR
survey. Thank you for helping the Minnesota Department of	COURTESY VEHICLE
Transportation obtain the most accurate picture of statewide airport	☐ AIR TAXI
conditions for this system plan.	HANGAR RENTAL
	☐ AIRCRAFT SALES
	PUBLICTELEPHONE
	☐ CAR RENTAL
	PUBLICTRANSPORTATION/BUS SERVICE
	TAXIS
	OTHER (PLEASE SEPARATE BY COMMAS)

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5. Airside Facilities	
Designation (i.e. 17/35)	
Length (feet):	
Width (feet):	
Surface Type:	Other (Please Separate By Commas):
Surface Treatment:	Other (Please Separate By Commas):
Shoulder:	
Lights (Please Select One):	
HIRL (High Intensity Runway Lights)	
MIRL (Medium Intensity Runway Lights	5)
LIRL (Low Intensity Runway Lights)	
Lights continued (Please Select All That	Apply):
Centerline Lights	
Pilot Controlled	
Non-Standard	
• None	
Parallel Taxiway:	
Weight Bearing Capacity Under Dual Dual Tande	em (DDT) Wheel Landing Gear:
Weight Bearing Capacity Under Dual Tandem (D	T) Wheel Landing Gear:
Weight Bearing Capacity Under Dual Wheel (DW	/) Landing Gear:
Weight Bearing Capacity Under Single Wheel (S	W) Landing Gear:
Pavement Condition Index:	





Runway End 1 (i.e. 17):
Runway End 1 NAVAIDs (Please Select All That Apply):
<ul> <li>MALSR (Medium-Intensity Approach Light System with Rail)</li> <li>ODAL (Omnidirectional Approach Light System)</li> <li>REIL (Runway End Identifier Lights)</li> <li>PAPI (Precision Approach Path Indicator)</li> <li>VASI (Visual Approach Slope Indicator)</li> <li>Pilot Controlled</li> </ul>
Other (Please Separate By Commas):  Runway End 1 Instrument Approach (Please Select All That Apply)
PI (Precision Instrument)  APV - LPV - LNAV / VNAV  APV - RNP  NPI (Non-Precision Instrument)  NONE
Runway End 1 Meets Runway Safety Area (RSA) Standards:  Runway End 1 Meets Clear Zone Standards:  Explain Runway 1  RSA and/or Clear Zone Exceptions:





Runway	End 2 (i.e. 35):
Runway	End 2 NAVAIDs (Please Select All That Apply):
	MALSR (Medium-Intensity Approach Light System with Rail)  ODAL (Omnidirectional Approach Light System)  REIL (Runway End Identifier Lights)  PAPI (Precision Approach Path Indicator)  VASI (Visual Approach Slope Indicator)
Other (Pl	ease Separate By Commas):
Runway	r End 2 Instrument Approach (Please Select All That Apply):
	PI (Precision Instrument)  APV - LPV - LNAV / VNAV  APV - RNP  NPI (Non-Precision Instrument)  NONE
Runway	End 2 Meets Runway Safety Area (RSA) Standards:  End 2 Meets Clear Zone Standards:  Runway 2 RSA and/or Clear Zone Exceptions:





### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

2011 Minnesota State Aviation System Plan

#### **Inventory Survey**



Tventory ourvey			TWO TRAN
GENERAL INFORMATION	6. Landside Faci	lities	
NRPORT CHARACTERISTICS	A Air Carrier Terminal:		
:URRENT AIRPORT USAGE	TOTAL AREA (SQ FT)	YEAR BUILT	LAST MAJOR RENOVATION DAT
ERVICES PROVIDED AT THE AIRPORT			
IRSIDE FACILITIES	NUMBER OF LOADING POSITI	ONS	
ANDSIDE FACILITIES			
URRENT BASED AIRCRAFT	B General Aviation Ter	minal:	
URRENT OPERATIONAL DATA	TOTAL AREA (SQ FT)	YEAR BUILT	LAST MAJOR RENOVATION DA
IRPORT TRENDS			_
IRPORT PLANNING	c Administration Buildi	ng:	
IRPORT ADEQUACY	TOTAL AREA (SQ FT)	YEAR BUILT	LAST MAJOR RENOVATION DA
ENERAL COMMENTS/INFORMATION			
	<b>D</b> Air Carrier Apron Are	oar.	33334
Save Data	TOTAL AREA (SQ YDS)	sci.	
	TOTAL AREA (00 TD0)		
Submit Survey			
By submitting this survey, you will	E General Aviation Apr	on Area:	
no longer have access to the survey. Thank you for helping the	TOTAL AREA (SQ YDS)		
Minnesota Department of Transportation obtain the most			***************************************
accurate picture of statewide airport conditions for this system plan.	F Air Cargo Hangar Fa	cilities:	
	TOTAL AREA (SQ FT)	YEAR BUILT (MOST RECENT)	LAST MAJOR RENOVATION DAT
	G Air Cargo Warehous	e and Office Facilities:	
	TOTAL AREA (SQ FT)	YEAR BUILT (MOST RECENT)	LAST MAJOR RENOVATION DA
	H Air Cargo Apron Fac	ilities:	
	TOTAL AREA (SQ YDS)		
	101000000000000000000000000000000000000		
	I Hangars:		
	T-Hangars:		





### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

NUMBER OF CITY OWNED	NUMBER OF PRIVATELY OWNED	
Conventional Hangars:		
NUMBER OF CITY OWNED	NUMBER OF PRIVATELY OWNED	TOTAL AREA (SQ FT)
IS THERE A WAITING LIST FOR	R HANGAR SPACE?	
IF SO, NUMBER OF AIRCRAFT	ON THE LIST	
NUMBER OF AIRCRAFT OWNE THAT WOULD PAY MARKET PR HANGAR SPACE		
Number of Tie-downs for Trans	sient Aircraft:	
PAVED UN	IPAVED	
Number of Tie-downs for Based	d Aircraft:	
IS THERE A WAITING LIST FOR	R TIE-DOWNS?	
IF SO, NUMBER OF AIRCRAFT	ON THE LIST	
J Fuel Type: MOGAS CAPACITY (GALLONS)	100LL CAPACITY (GALLONS)	JET A CAPACITY (GALLONS)
K Perimeter Fencing:		
L Auto Parking Spaces:		
TERMINAL GA	EMPLOYEE	





# Inventory On-line Survey (Continued) Minnesota State Aviation System Plan

Please Add an Entry Below f	or Each FBO		
BO Name:			]
BO Contact:			1
BO Telephone:			1
, ,			





### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

2011 Minnesota State Aviation System Plan

#### **Inventory Survey**



ENERAL INFORMATION	7. Current Based Aircraft
IRPORT CHARACTERISTICS	Please indicate NUMBER of aircraft
CURRENT AIRPORT USAGE	SINGLE ENGINE PISTON
ERVICES PROVIDED AT THE AIRPORT	
IRSIDE FACILITIES	MULTI-ENGINE PISTON
ANDSIDE FACILITIES	
URRENT BASED AIRCRAFT	TURNARDA
CURRENT OPERATIONAL DATA	TURBOPROP
NRPORT TRENDS	
IRPORT PLANNING	JET
IRPORT ADEQUACY	
GENERAL COMMENTS/INFORMATION	NON-MILITARY HELICOPTER
Save Data	GLIDER
Submit Survey	ULTRALIGHT
By submitting this survey, you will	OLIRADONI
no longer have access to the survey. Thank you for helping the Minnesota Department of Transportation obtain the most accurate picture of statewide airport conditions for this system plan.	MILITARY FIXED WING
	MILITARY HELICOPTER
	OTHER (INDICATE NUMBER OF AND SPECIFY TYPE(S) SEPARATED BY COMMAS)

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### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

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#### **Inventory Survey**



GENERAL INFORMATION  AIRPORT CHARACTERISTICS  CURRENT AIRPORT USAGE  SERVICES PROVIDED AT THE AIRPORT	8. Current Ope Definition of Operation: an a	ircraft takeoff or a landing.	TYPICAL PEAK HOUR NUMBER OF OPERATIONS IN BUSIEST MONTH
AIRSIDE FACILITIES  LANDSIDE FACILITIES  CURRENT BASED AIRCRAFT	NUMBER OF OPERATIONS	ON BUSIEST DAY	NUMBER OF ANNUAL OPERATIONS (2010)
CURRENT OPERATIONAL DATA AIRPORT TRENDS	Estimated percentage	of annual airport op	erations (100%)
AIRPORT PLANNING AIRPORT ADEQUACY	Estimated percentage	of annual airport op	erations (100%)
GENERAL COMMENTS/INFORMATION  Save Data	BUSINESS	LEISURE	FLIGHT TRAINING
Submit Survey  By submitting this survey, you will			
no longer have access to the survey. Thank you for helping the Minnesota Department of Transportation obtain the most accurate picture of statewide airport conditions for this system plan.			

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	Overthe	last five vests	describe the	reneral transle	aversion and in	the fell		
<b>1</b> .	Over the	iast live years,	describe the g	general trends	experienced in	the roll	owing categ	ones.

	Significant Increase	Increase	About the Same	Decrease	Significant Decrease
Level of Commercial Passenger Activity Level of Cargo Activity Level of GA Business/Corporate Activity Level of GA Training/Student Activity Level of GA Recreational Activity					
b. Over the <u>next five years</u> , describe ar	nticipated trends	in the followin	g categories:		
	Significant Increase	Increase	About the Same	Decrease	Significant Decrease
Level of Commercial Passenger Activity Level of Cargo Activity					
Level of GA Business/Corporate Activity					
Level of GA Training/Student Activity Level of GA Recreational Activity					





Minnesota State Aviation System Planventory On-line Survey (Continued)

2011 Minnesota State Aviation System Plan **Inventory Survey** 10. Airport Planning GENERAL INFORMATION CURRENT AIRPORT IMPROVEMENTS UNDERWAY AIRPORT CHARACTERISTICS CURRENT AIRPORT USAGE CONSTRAINTS TO FUTURE AIRPORT EXPANSION (ZONING, ENVIRONMENTAL CONCERNS, LOCAL LAWS, SERVICES PROVIDED AT THE AIRPORT AIRSIDE FACILITIES LANDSIDE FACILITIES Airport Master Plan CURRENT BASED AIRCRAFT PLAN IS UNDERWAY: CURRENT OPERATIONAL DATA AIRPORT TRENDS APPROVAL DATE AIRPORT PLANNING AIRPORT ADEQUACY Airport Layout Plan GENERAL COMMENTS/INFORMATION PLAN IS UNDERWAY: APPROVAL DATE Save Data Submit Survey Airport Safety Zoning Ordinance By submitting this survey, you will ORDINANCE IS UNDERWAY no longer have access to the survey. Thank you for helping the Minnesota Department of APPROVAL DATE Transportation obtain the most accurate picture of statewide airport conditions for this system plan. IS THE APPROVED ORDINANCE ZONED FOR (please select all that apply): EXISTING RUNWAY(S) PROPOSED RUNWAY(S) ULTIMATE RUNWAY(S) Municipal Comprehensive Plan PLAN IS UNDERWAY: DOES PLAN COORDINATE WITH AIRPORT ZONING:

https://www.2011mnsaspsurvey.org/Survey.aspx

## **Appendix B INVENTORY SURVEY**



### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

STRENGTHS OF ARPORT IN TERMS OF ITS CURRENT AND FUTURE STATUS WITHIN MINNESOTA'S SYSTEM OF AIRPORTS
WEAKNESSES THAT LIMIT AIRPORT'S PRESENT AND FUTURE DEVELOPMENT
OPPORTUNITIES THAT COULD ENHANCE THE ROLE PLAYED BY THE AIRPORT
OPPORTONITIES THAT COULD ENHANCE THE ROLE PLATED BY THE AIRPORT
THREATS THAT COULD JEOPARDIZE THE AIRPORT'S ABILITY TO EFFECTIVELY FULFILL ITS MISSION





### **Inventory On-line Survey (Continued)**

#### 11. AIRPORT ADEQUACY

Note the Adequacy of the Following.

Please Note "Not Applicable" as appropriate and provide additional explanations in Section 12 General Comments/Information.

	Totally Adequate	Reasonably Adequate	Neutral	Somewhat Inadequate	Totally Inadequate
Runway Length Runway Width Airfield Pavement Condition Runway Instrumentation	- Adequate	- Adequate			
Taxiway Layout Taxiway Width Taxiway Pavement Condition	<u>=</u>				
Airfield Lighting Airfield Signage Airfield Capacity					
Aircraft Parking/Storage Capacity Auto Parking	=	=	$\equiv$	=	=
Taxi Service Rental Car Service Availability of Courtesy Car		$\equiv$			
Surface Access Integration of Multi-Modal Transportation Modes	_		<u> </u>	=	
Terminal/FBO Size Terminal/FBO Condition	=				
Aviation Fuel Storage Capacity					
Minimal Air Traffic Conflicts Minimal Airspace Conflicts			$\equiv$		





### **Inventory On-line Survey (Continued)**

Minnesota State Aviation System Plan

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#### **Inventory Survey**



		OFTRAN
GENERAL INFORMATION	12. General Comments/Information	
AIRPORT CHARACTERISTICS	PLEASE PROVIDE ANY ADDITIONAL COMMENTS AND/OR INFORMATION HERE:	
CURRENT AIRPORT USAGE		
SERVICES PROVIDED AT THE AIRPORT		
AIRSIDE FACILITIES		
ANDSIDE FACILITIES		
CURRENT BASED AIRCRAFT		
CURRENT OPERATIONAL DATA		
AIRPORT TRENDS		
AIRPORT PLANNING		
AIRPORT ADEQUACY		
GENERAL COMMENTS/INFORMATION		
Save Data		
Submit Survey		
-		
By submitting this survey, you will no longer have access to the		
survey. Thank you for helping the		
Minnesota Department of		
Willingsota Department of		
Transportation obtain the most		

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