
Appendix D. MnSASP Hub Data Matrix

Table D.1 summarizes all the data included in the 2022 Minnesota State Aviation System Plan (2022 MnSASP) Hub (or MnSASP Hub). Refer to the key below for a description of the fields related to the Hub:

- **Feature Layer, Table/Layer:** The backend data for the Hub is organized in feature layers and tables. Refer to the MnSASP Hub User’s Guide for the organization of the backend data.
- **Data Point:** Lists all the data points included in the MnSASP data. These are also the field aliases that are displayed in the Hub.
- **Field Name:** Corresponding field name used to code each data point in the Hub. These names are referenced in the backend coding scripts configured in the Hub.
- **Data Parameters:** Identifies the data points in the Hub that are configured with strict parameters to make the categorical data consistent and make the dynamic performance evaluations more robust (i.e., with Yes/No fields, only allowing the users to input “Yes” or “No”).¹

The column entitled, “Update Cycle (as applicable)” refers to continues updates that should occur at predetermined interval (annual, biennial, etc.). The column, “Trigger Points for Evaluation” refers to updates that should occur in addition to regularly scheduled updates beyond the predetermined update cycle.

¹ The matrix only indicates if there are parameters configured to the data points (yes/no). Refer to the MnSASP Hub User’s Guide for guidance on reviewing data parameters configured (where applicable, see section on “domains”). The MnSASP Hub User’s Guide was prepared for MnDOT Aeronautics as a compendium to this document. The MnSASP Hub User’s Guide provides detailed instructions on how to update the MnSASP data within the Hub. This document is for internal MnDOT Aeronautics purposes only and not distributed in conjunction with other 2022 MnSASP deliverables. It is referenced here for Minnesota Department of Transportation, Office of Aeronautics (MnDOT Aeronautics) staff responsible for ensuring the Hub remains current over time.

Table D.1. Hub Data Points Matrix

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	On Site Manager	OnSiteManager	Yes	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Manager Name	ManagerName	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Manager Title	ManagerTitle	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Manager Phone	ManagerPhone	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Manager Cell	ManagerCell	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Manager Email	ManagerEmail	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Other Contact Name	OtherContactName	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Other Contact Title	OtherContactTitle	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Other Contact Phone	OtherContactPhone	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Other Contact Cell	OtherContactCell	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Contact Information	Other Contact Email	OtherContactEmail	No	MnSASP Airport Inventory	6/2/2021	Annually	Airport staffing changes
MnSASP Hub Airport Data	MN Airport Background	Airport Coordinates	Latitude	Latitude	No	FAA ADIP	10/20/2020	None	Major airfield geometry update or airport relocation
MnSASP Hub Airport Data	MN Airport Background	Airport Coordinates	Longitude	Longitude	No	FAA ADIP	10/20/2020	None	Major airfield geometry update or airport relocation
MnSASP Hub Airport Data	MN Airport Background	Airport Coordinates	Airport Elevation (ft)	Elevation	No	FAA ADIP	10/20/2020	None	Major airfield geometry update or airport relocation
MnSASP Hub Airport Data	MN Airport Background	Airport Identification	FAA ID	FAAID	No	FAA ADIP	11/1/2020	None	FAA ID change
MnSASP Hub Airport Data	MN Airport Background	Airport Identification	Airport Name	AirportName	No	MnDOT Aeronautics	11/1/2020	None	Airport name change
MnSASP Hub Airport Data	MN Airport Background	Airport Physical/Mailing Address	Physical Address	PhysicalAddress	No	FAA ADIP	10/20/2020	Annually	Airport relocation
MnSASP Hub Airport Data	MN Airport Background	Airport Physical/Mailing Address	Owner/Mailing Address	MailingAddress	No	FAA ADIP	10/20/2020	Annually	Airport sponsor relocation
MnSASP Hub Airport Data	MN Airport Background	Airport Planning Jurisdiction	MnDOT District	MnDOTDist	Yes	MnDOT Aeronautics	12/16/2020	None	Jurisdictional boundary changes
MnSASP Hub Airport Data	MN Airport Background	Airport Planning Jurisdiction	Aeronautics Planning Region	AeroPlgReg	Yes	MnDOT Aeronautics	12/16/2020	None	Jurisdictional boundary changes
MnSASP Hub Airport Data	MN Airport Background	Airport Planning Jurisdiction	Congressional District	CongressDist	Yes	MnDOT Aeronautics	6/18/2021	None	Jurisdictional boundary changes
MnSASP Hub Airport Data	MN Airport Background	Airport Sponsor	Airport Sponsor	Sponsor	No	FAA ADIP	11/1/2020	None	Change in airport sponsorship
MnSASP Hub Airport Data	MN Airport Background	NPIAS	NPIAS Inclusion	NPIAS_Incl	Yes	FAA NPIAS Report	11/1/2020	Biennially	None
MnSASP Hub Airport Data	MN Airport Background	NPIAS	NPIAS Primary/Nonprimary	NPIAS_PNP	Yes	FAA NPIAS Report	11/1/2020	Biennially	None
MnSASP Hub Airport Data	MN Airport Background	NPIAS	NPIAS Category	NPIAS_Cat	Yes	FAA NPIAS Report	11/1/2020	Biennially	None
MnSASP Hub Airport Data	MN Airport Background	NPIAS	NPIAS Hub	NPIAS_Hub	Yes	FAA NPIAS Report	11/1/2020	Biennially	None
MnSASP Hub Airport Data	MN Airport Background	NPIAS	NPIAS Role	NPIAS_Role	Yes	FAA NPIAS Report	11/1/2020	Biennially	None
MnSASP Hub Airport Data	MN Airport Background	State Classification	State Classification	StateClas	Yes	FAA ADIP	11/11/2020	None	Runway extension project, runway paving project, or new Part 139 certification
MnSASP Hub Airport Data	Airport Activity	Based Aircraft	Single Engine Based Aircraft	SingleEngineBA	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Based Aircraft	Multi Engine Based Aircraft	MultiEngineBA	No	MnSASP Airport Inventory	6/2/2021	Annually	None

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Airport Activity	Based Aircraft	Jet Turboprop Based Aircraft	JetTurboBA	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Based Aircraft	Helicopter Based Aircraft	HeliBA	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Based Aircraft	Other Based Aircraft	OtherBA	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Based Aircraft	Military Based Aircraft	MilitaryBA	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Based Aircraft	Total Based Aircraft	TotalBACount	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Baseline Operations Counts	Total Baseline Operations Count	Baseline_Ops_Count	No	2022 MnSASP Baseline Operations Estimation Tool, FAA OpsNet	11/18/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Baseline Operations Counts	Baseline Operations Count Year	Baseline_Ops_Count	No	2022 MnSASP Baseline Operations Estimation Tool, FAA OpsNet	11/18/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Baseline Operations Counts	Baseline Operations Count Source	Baseline_Ops_Count	No	2022 MnSASP Baseline Operations Estimation Tool, FAA OpsNet	11/18/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Drone/UAV Programs	UAV Program Participation - LAANC	LAANC	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Airport Activity	Drone/UAV Programs	UAV Program Participation - Other	UAVOtherProgramDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Medical Aircraft – Fixed Wing	MedACFixedWing	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Medical Aircraft – Rotorcraft	MedACRotorcraft	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Medical Aircraft – Other Aircraft	MedACOther	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Medical Ops Other Aircraft Description	MedOpsOtherAC	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Ambulance Operator 1	AmbulanceOp1	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Operator 1 Based?	AmbulanceBased1	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Ambulance Operator 2	AmbulanceOp2	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Operator 2 Based?	AmbulanceBased2	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Ambulance Operator 3	AmbulanceOp3	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Operator 3 Based?	AmbulanceBased3	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Ambulance Operator 4	AmbulanceOp4	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Operator 4 Based?	AmbulanceBased4	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Airport Activity	Emergency Medical Response	Medical Evacuation Activity	MedEvacActivity	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Flight ID Number	ID_Num	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Route – Airport to State	RT_APT_STATE	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Route – State to State	ROUTE_STATE	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Departure Date	DPT_DATE	Yes	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Departure Airport Code	DPT_AIRPORT_ID	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Departure Country	DPT_COUNTRY	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Departure State	DPT_STATE	Yes	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Departure Latitude	DPT_LAT	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Departure Longitude	DPT_LONG	No	FAA TFMSC	9/17/2021	Biennially	None

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Arrival Date	ARR_DATE	Yes	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Arrival Airport Name	ARR_AIRPORT_NAME	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Arrival Airport Code	ARR_AIRPORT_ID	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Arrival Country	ARR_COUNTRY	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Arrival State	ARR_STATE	Yes	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Arrival Latitude	ARR_LAT	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Arrival Longitude	ARR_LONG	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Number of Flights	FLIGHTS	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Departure or Arrival	DPT_ARR	No	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Query Airport State	QUERY_STATE	Yes	FAA TFMSC	9/17/2021	Biennially	None
FAA Filed Flight Plan Data	All Flight Plan Details	FAA Filed Flight Plans	Query Airport Code	QUERY_CODE	Yes	FAA TFMSC	9/17/2021	Biennially	None
MnSASP Hub Airport Data	Airport Activity	Part 139 Certification	Part 139 Certification	Part139	Yes	FAA ADIP	9/30/2021	None	Part 139 certification
MnSASP Hub Airport Data	Facilities and Services	Air Traffic Control Tower	Air Traffic Control Tower (ATCT)	ATCT	Yes	FAA ADIP	9/30/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Aircraft Rental	Aircraft Rental	ACRental	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Airfield Facilities	Beacon	Beacon	Yes	FAA ADIP	9/30/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Airfield Facilities	Wind Cone	WindCone	Yes	FAA ADIP	9/30/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	ARC	Existing Airport Reference Code (ARC)	ExistingARC	Yes	ALPs	6/2/2021	None	Completion of a new ALP and/or Master Plan
MnSASP Hub Airport Data	Facilities and Services	ARC	Future Airport Reference Code (ARC)	UltimateARC	Yes	ALPs	6/2/2021	None	Completion of a new ALP and/or Master Plan
MnSASP Hub Airport Data	Facilities and Services	Courtesy Car	Courtesy Car	CourtesyCar	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Courtesy Car	Courtesy Car Make	CourtesyCarMake	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Courtesy Car	Courtesy Car Model	CourtesyCarModel	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Courtesy Car	Courtesy Car Year	CourtesyCarYear	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Courtesy Car	Courtesy Car Owner	CourtesyCarOwner	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Courtesy Car	Courtesy Car Condition Grade	KBBGrade	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	FBO	Fixed-Base Operator (FBO) 1 Name	FBOName1	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	FBO	Fixed-Base Operator (FBO) 1 Ownership	FBO1Ownership	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	FBO	Fixed-Base Operator (FBO) 2 Name	FBOName2	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	FBO	Fixed-Base Operator (FBO) 2 Ownership	FBO2Ownership	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	FBO	Fixed-Base Operator (FBO) 3 Name	FBOName3	No	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	FBO	Fixed-Base Operator (FBO) 3 Ownership	FBO3Ownership	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Fencing	Security Fencing	SecurityFence	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Fencing improvement project
MnSASP Hub Airport Data	Facilities and Services	Fencing	Wildlife Fencing	WildlifeFence	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Fencing improvement project
MnSASP Hub Airport Data	Facilities and Services	Fencing	Controlled Vehicle Access	VehicleAcc	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Fencing improvement project

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Facilities and Services	Fencing	Other Airport Fencing	AirportFenceOther	No	MnSASP Airport Inventory	6/2/2021	Biennially	Fencing improvement project
MnSASP Hub Airport Data	Facilities and Services	Fuel	Jet A Available	JetAAvailable	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	Jet A Available 24/7	JetAAvailable247	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	Jet A Provider	JetAProvider	No	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	100LL Available	100LLAvailable	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	100LL Available 24/7	100LLAvailable247	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	100LL Provider	100LLProvider	No	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	Sustainable Aviation Fuel (SAF) Available	SAFAvailable	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	Sustainable Aviation Fuel (SAF) Available 24/7	SAFAvailable247	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	Other Fuel Provider	OtherFuelProvider	No	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	Other Fuel Available 24/7	OtherFuelAvailable247	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	Fuel	Other Fuel Available	OtherFuelAvailable	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Installation of a new fuel farm or provision of a new fuel type
MnSASP Hub Airport Data	Facilities and Services	GA Terminal Building	General Aviation (GA) Terminal	GATerminal	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Terminal improvement project (renovation/addition or new construction)
MnSASP Hub Airport Data	Facilities and Services	GA Terminal Building	General Aviation (GA) Terminal Comments	GATermIssues	No	MnSASP Airport Inventory	6/2/2021	Biennially	Terminal improvement project (renovation/addition or new construction)
MnSASP Hub Airport Data	Facilities and Services	GA Terminal Building	Restroom	Restroom	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Terminal improvement project (renovation/addition or new construction)
MnSASP Hub Airport Data	Facilities and Services	GA Terminal Building	Pilot Lounge	PilotLounge	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Terminal improvement project (renovation/addition or new construction)
MnSASP Hub Airport Data	Facilities and Services	GA Terminal Building	Car Parking	AutoParking	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Terminal improvement project (renovation/addition or new construction)

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Facilities and Services	GA Terminal Building	Public Phone	PublicPhone	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Terminal improvement project (renovation/addition or new construction)
MnSASP Hub Airport Data	Facilities and Services	MRO and Other Aircraft Support Services	Avionics Repair	AvionicsRepair	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	MRO and Other Aircraft Support Services	Maintenance Repair	MaintenanceRepair	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	MRO and Other Aircraft Support Services	Engine Overhaul	EngineOverhaul	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	MRO and Other Aircraft Support Services	Other Aircraft Service(s)	OtherACServices	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	MRO and Other Aircraft Support Services	Other Aircraft Service(s) Details	OtherACServicesDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	Rental Car	Rental Car On-site	RentCarOnsite	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Rental Car	Rental Car Off-site	RentCarOffsite	Yes	MnSASP Airport Inventory	6/2/2021	Annually	None
MnSASP Hub Airport Data	Facilities and Services	Through the Fence	Through the Fence (TTF) Operations	TTFOps	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	Through the Fence	Residential Through the Fence (TTF) Operations	ResTTFOps	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	Through the Fence	Commercial Through the Fence (TTF) Operations	ComTTFOps	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	Through the Fence	Through the Fence (TTF) Operations Description	TTFOpsDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Facilities and Services	Wind Coverage	Wind Coverage	WindCoverage	No	ALPs	6/2/2021	None	Completion of a new/ updated ALP or new runway construction/realignment project
MnSASP Hub Airport Data	Runway/Taxiway Data	Primary Runway	Primary Runway	PrimaryRwy	Yes	MnSASP Airport Inventory	6/2/2021	None	Runway improvement projects
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Approach Type	Base End Approach Type	Base_AppType	Yes	FAA ADIP	9/30/2021	None	Development of a new or modification of an existing runway approach
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Approach Type	Reciprocal End Approach Type	Recip_AppType	Yes	FAA ADIP	9/30/2021	None	Development of a new or modification of an existing runway approach
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Coordinates	Base End Latitude	Base_Lat	No	FAA ADIP	9/30/2021	None	Runway extension, relocation, or realignment project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Coordinates	Base End Longitude	Base_Long	No	FAA ADIP	9/30/2021	None	Runway extension, relocation, or realignment project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Coordinates	Reciprocal End Latitude	Recip_Lat	No	FAA ADIP	9/30/2021	None	Runway extension, relocation, or realignment project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Coordinates	Reciprocal End Longitude	Recip_Long	No	FAA ADIP	9/30/2021	None	Runway extension, relocation, or realignment project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Runway ID	RwyID	No	FAA ADIP	9/30/2021	None	Completion of an ALP update

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Base End ID	Base_ID	No	FAA ADIP	9/30/2021	None	Completion of an ALP update or any type of reorientation
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Reciprocal End ID	Recip_ID	No	FAA ADIP	9/30/2021	None	Completion of an ALP update or any type of reorientation
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Runway Length	Length	No	FAA ADIP	9/30/2021	None	Applicable runway improvement project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Runway Width	Width	No	FAA ADIP	9/30/2021	None	Applicable runway improvement project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Surface Type/Condition	SurfaceType	Yes	FAA ADIP	9/30/2021	None	Runway construction projects
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Edge Light Intensity	EdgeLight	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Base End Visual Glide Slope Indicator (VGSI)	Base_VGSI	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Base End Approach Lighting System (ALS)	Base_ALS	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Base End Runway End Identifier Lights (REILs)	Base_REIL	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Base End Centerline Lights	Base_Ctrline	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Base End Touchdown Lights	Base_Tdwn	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Reciprocal End Visual Glide Slope Indicator (VGSI)	Recip_VGSI	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Reciprocal End Approach Lighting System (ALS)	Recip_ALS	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Reciprocal End Runway End Identifier Lights (REILs)	Recip_REIL	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Reciprocal End Centerline Lights	Recip_CtrLine	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Reciprocal End Touchdown Lights	Recip_Tdwn	Yes	FAA ADIP	9/30/2021	Annually	Runway lighting project
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Base End Minimums	Base_Minim	Yes	FAA ADIP	9/30/2021	None	Development of a new or modification of an existing runway approach
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Background Data	Reciprocal End Minimums	Recip_Minim	Yes	FAA ADIP	9/30/2021	None	Development of a new or modification of an existing runway approach
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Obstruction Data	Base End Obstructions	Base_Obstruct	No	FAA ADIP	9/30/2021	Annually	Completion of a runway obstruction removal project or comprehensive obstruction evaluation study
MnSASP Hub Airport Data	Runway/Taxiway Data	Runway Obstruction Data	Reciprocal End Obstructions	Recip_Obstruct	No	FAA ADIP	9/30/2021	Annually	Completion of a runway obstruction removal project or comprehensive obstruction evaluation study
MnSASP Hub Airport Data	Runway/Taxiway Data	Taxiway	Taxiway Type	TaxiwayType	Yes	MnSASP Airport Inventory	6/2/2021	Annually	Taxiway improvement project

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Runway/Taxiway Data	Taxiway	Taxiway Width	TaxiwayWidth	No	MnSASP Airport Inventory	6/2/2021	Annually	Taxiway improvement project
MnSASP Hub Airport Data	Aircraft Storage	Hangars	T-Hangar Total Spaces	THangarNumSpaces	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	T-Hangar Spaces Occupied	THangarOccupied	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar - Based Aircraft Total Spaces	CorpBoxBasedACNumSpaces	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar - Based Aircraft Heat	CorpBoxBasedACHeat	Yes	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar - Based Aircraft Occupied	CorpBoxBasedACOccup	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar - Based Aircraft Square Footage	CorpBoxBasedACSqft	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar - Transient Aircraft Total Spaces	CorpBoxTransACNumSpaces	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar - Transient Aircraft Heating	CorpBoxTransACHeat	Yes	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar - Transient Aircraft Square Footage	CorpBoxTransACSqft	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Total Hangar Spaces	TotHangarSpaces	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Total Hangar Spaces Occupied	TotOccupied	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	T-Hangar Shortage	THangarShort	Yes	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Box Hangar Shortage	CorpBoxShort	Yes	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Hangar Shortage Description	HangarShortageDesc	No	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Hangars	Hangar Waitlist	HangarWaitlist	Yes	MnSASP Airport Inventory	6/2/2021	Annually	New hangar construction
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Paved Tiedown - Based Aircraft Spaces	TieDownPavedBANum	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Paved Tiedown - Based Aircraft Spaces Occupied	TieDownPavedBAOcc	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Paved Tiedown - Transient Aircraft Spaces	TieDownPavedTransACNum	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Grass Tiedown - Based Aircraft Spaces	TieDownGrassBANum	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Grass Tiedown - Based Aircraft Spaces Occupied	TieDownGrassBAOcc	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Grass Tiedown - Transient Aircraft Spaces	TieDownGrassTransACNum	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Total Tiedown Spaces	TotTiedownNum	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Aircraft Storage	Tiedowns	Total Tiedown Spaces Occupied	TotTiedownOcc	No	MnSASP Airport Inventory	6/2/2021	Annually	Addition of new tiedown spaces or apron improvement project
MnSASP Hub Airport Data	Planning and Special Studies	Clear Zone Information	Clear Zone Depicted on ALP	ClearZoneALP	Yes	MnSASP Airport Inventory	6/2/2021	None	ALP approval process
MnSASP Hub Airport Data	Planning and Special Studies	Clear Zone Information	Clear Zone Ownership	OwnClearZone	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Clear zone acquisition
MnSASP Hub Airport Data	Planning and Special Studies	Clear Zone Information	Clear Zone Ownership Description	ClearZoneOwnDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	Clear zone acquisition
MnSASP Hub Airport Data	Planning and Special Studies	Clear Zone Information	Clear Zone Maintenance Description	ClearZoneMaintDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	Clear zone acquisition or obstruction removal project
MnSASP Hub Airport Data	Planning and Special Studies	Economic Impact	Economic Impact - Total Employment	TotalEmployment	No	MnDOT Aeronautics Statewide Airport Economic Impact Study	10/28/2021	None	Completion of a new Statewide Airport Economic Impact Study
MnSASP Hub Airport Data	Planning and Special Studies	Economic Impact	Economic Impact - Total Payroll	TotalPayroll	No	MnDOT Aeronautics Statewide Airport Economic Impact Study	10/28/2021	None	Completion of a new Statewide Airport Economic Impact Study
MnSASP Hub Airport Data	Planning and Special Studies	Economic Impact	Economic Impact - Total Spending	TotalSpending	No	MnDOT Aeronautics Statewide Airport Economic Impact Study	10/28/2021	None	Completion of a new Statewide Airport Economic Impact Study
MnSASP Hub Airport Data	Planning and Special Studies	Economic Impact	Total Annually Economic Activity	TotalAnnuallyImpact	No	MnDOT Aeronautics Statewide Airport Economic Impact Study	10/28/2021	None	Completion of a new Statewide Airport Economic Impact Study
MnSASP Hub Airport Data	Planning and Special Studies	Economic Impact	Economic Impact Brochure Link	EconomicImpactBrochureLink	No	MnDOT Aeronautics Statewide Airport Economic Impact Study	12/1/2021	None	Completion of a new Statewide Airport Economic Impact Study
MnSASP Hub Airport Data	Planning and Special Studies	Federal Funding	Federal Funds	FederalFunds	No	FAA AIP Grant Histories	3/15/2021	Annually	None
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Available Land for Development	LandDevelop	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	ALP and/or master plan updates
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Available Land for Development Description	LandDevelopDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	ALP and/or master plan updates
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Available Land for Development - Water Available	LandDevelopWater	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	ALP and/or master plan updates
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Available Land for Development - Gas Available	LandDevelopGas	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	ALP and/or master plan updates
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Available Land for Development - Electric Available	LandDevelopElectric	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	ALP and/or master plan updates
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Available Land for Development - Sewer Available	LandDevelopSewer	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	ALP and/or master plan updates
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Available Land for Development - ALP Indicated	LandDevelopALP	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	ALP and/or master plan updates
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Limitations for Development	LimitDevelop	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Limitations for Development Description	LimDevelopDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Land Use or Transportation Planning	LandUsePlanning	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Planning and Special Studies	Land Development and Use	Land Use or Transportation Planning Description	LandUsePlanningDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	None
MnSASP Hub Airport Data	Planning and Special Studies	Local Obstruction Study	Local Obstruction Study	LocObsStudy	Yes	MnSASP Airport Inventory	6/2/2021	None	Completion of a local obstruction study or ALP with AGIS survey
MnSASP Hub Airport Data	Planning and Special Studies	Local Obstruction Study	Local Obstruction Study Year	LocObsStudyYear	No	MnSASP Airport Inventory	6/2/2021	None	Completion of a local obstruction study or ALP with AGIS survey
MnSASP Hub Airport Data	Planning and Special Studies	Master Plan/ALP	Master Plan	MasterPlan	Yes	MnSASP Airport Inventory	6/2/2021	None	Completion and MnDOT approval of a master plan, ALP, and/or narrative report
MnSASP Hub Airport Data	Planning and Special Studies	Master Plan/ALP	Master Plan Year	MasterPlanYear	No	MnSASP Airport Inventory	6/2/2021	None	Completion and MnDOT approval of a master plan, ALP, and/or narrative report
MnSASP Hub Airport Data	Planning and Special Studies	Master Plan/ALP	Airport Layout Plan (ALP) Narrative	ALPNarrative	Yes	MnSASP Airport Inventory	6/2/2021	None	Completion and MnDOT approval of a master plan, ALP, and/or narrative report
MnSASP Hub Airport Data	Planning and Special Studies	Master Plan/ALP	Airport Layout Plan (ALP) Narrative Year	ALPNarrYear	No	MnSASP Airport Inventory	6/2/2021	None	Completion and MnDOT approval of a master plan, ALP, and/or narrative report
MnSASP Hub Airport Data	Planning and Special Studies	Master Plan/ALP	Airport Layout Plan (ALP) No Narrative	ALPNoNarrative	Yes	MnSASP Airport Inventory	6/2/2021	None	Completion and MnDOT approval of a master plan, ALP, and/or narrative report
MnSASP Hub Airport Data	Planning and Special Studies	Master Plan/ALP	Airport Layout Plan (ALP) No Narrative Year	ALPNoNarrYear	No	MnSASP Airport Inventory	6/2/2021	None	Completion and MnDOT approval of a master plan, ALP, and/or narrative report
MnSASP Hub Airport Data	Planning and Special Studies	Minimum Standards	Minimum Standards	MinStandards	Yes	MnSASP Airport Inventory	6/2/2021	Biennially	Adoption of new minimum standards
MnSASP Hub Airport Data	Planning and Special Studies	Minimum Standards	Minimum Standard Description	MinStandardDesc	No	MnSASP Airport Inventory	6/2/2021	Biennially	Adoption of new minimum standards
MnSASP Hub Airport Data	Planning and Special Studies	Part 150	Part 150	Part150	Yes	MnSASP Airport Inventory	6/2/2021	None	Completion and approval of a Part 150 study
MnSASP Hub Airport Data	Planning and Special Studies	Part 150 Year	Part 150 Year	Part150Year	No	MnSASP Airport Inventory	6/2/2021	None	Completion and approval of a Part 150 study
MnSASP Hub Airport Data	Planning and Special Studies	Pavement Condition Report	Pavement Condition Report	PCILink	No	MnDOT Aeronautics Airport Pavement Management System	12/1/2021	Annually for a third of the airports in each system cycle	Completed pavement inspection
MnSASP Hub Airport Data	Planning and Special Studies	State and Local Funding	State Funds	StateFunds	No	MnDOT Aeronautics ACE database	4/1/2021	Annually	None
MnSASP Hub Airport Data	Planning and Special Studies	State and Local Funding	Local Funds	LocalFunds	No	MnDOT Aeronautics ACE database	4/1/2021	Annually	None
MnSASP Hub Airport Data	Aviation Weather Stations	Weather Station Type	Type	Type	No	2022 MnSASP Weather Stations Visual Assessment	9/1/2021	None	Installation or decommissioning of an AWOS/ASOS

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Aviation Weather Stations	Weather Stations Coordinates	Latitude	Latitude	No	MnDOT Aeronautics	9/1/2021	None	Installation or decommissioning of an AWOS/ASOS
MnSASP Hub Airport Data	Aviation Weather Stations	Weather Stations Coordinates	Longitude	Longitude	No	MnDOT Aeronautics	9/1/2021	None	Installation or decommissioning of an AWOS/ASOS
MnSASP Hub Airport Data	Aviation Weather Stations	Live Weather Station Data	METAR Data Link	METAR Data Link	No	NOAA Aviation Weather Center	12/1/2021	None	Installation or decommissioning of an AWOS/ASOS
MnSASP Hub Airport Data	Aviation Weather Stations	Weather Station Visual Assessment	Validation	Validation	No	2022 MnSASP Weather Stations Visual Assessment	9/1/2021	Triennially	Installation or decommissioning of an AWOS/ASOS
MnSASP Hub Airport Data	Aviation Weather Stations	Weather Station Visual Assessment	On Airport?	On_Airport	Yes	2022 MnSASP Weather Stations Visual Assessment	9/1/2021	Triennially	Installation or decommissioning of an AWOS/ASOS
MnSASP Hub Airport Data	Aviation Weather Stations	Weather Station Visual Assessment	Remarks	Remarks	No	2022 MnSASP Weather Stations Visual Assessment	9/1/2021	Triennially	Installation or decommissioning of an AWOS/ASOS
MnSASP Hub Airport Data	Aviation Weather Stations	Weather Station Visual Assessment	Sighting Assessment	Sighting_Assessment	No	2022 MnSASP Weather Stations Visual Assessment	9/1/2021	Annually	Installation or decommissioning of an AWOS/ASOS
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	FAA ID	FAAID	No	MnDOT Aeronautics Airport Pavement Management System	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Branch ID	BranchID	No	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Section ID	SectionID	No	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Pavement Use	PavementUse	No	MnDOT APMS, Excel analysis	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	FOD Index	FOD_Index	No	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Pavement Condition Index (PCI)	PCI	No	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Assessment	Assessment	No	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Surface Area (sqft)	SurfaceArea	No	MnDOT Aeronautics APMS, ArcGIS analysis	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Foreign Object Debris (FOD) Inspection Date	FOD_Inspection	Yes	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Pavement Condition Index (PCI) Inspection Date	PCI_Inspection	Yes	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
MnSASP Hub Airport Data	Airfield Pavement	Airfield Pavement	Shape	Shape	No	MnDOT Aeronautics APMS	11/22/2020	Triennially	Airfield pavement improvement project
NAVAIDs	Instrument Landing System (ILS)	ILS	Type	Type	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	NAVAID Name	Navaidname	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
NAVAIDs	Instrument Landing System (ILS)	ILS	Latitude	Latitude	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	Longitude	Longitude	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	Magnetic Variation	Magvar	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	Elevation (ft)	Elev_ft	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	City	City	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	State	State	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	Owner	Owner	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	Operator	Operator	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	Ownership Type	OwnerType	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
NAVAIDs	Instrument Landing System (ILS)	ILS	Facility ID	facID	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Type	type	Yes	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Latitude	latitude	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Longitude	longitude	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Magnetic Variation	magVar	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Facility Name	facName	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Database	sourceName	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Elevation (ft)	elev_ft	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Facility ID	FacilityID	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	NAVAID Name	navaidName	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	City	city	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Validation Date	validDate	Yes	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	FAA Region	region	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Owner	owner	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Operator	operator	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Class	nClass	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Service Coverages (nm)	range_mi	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Hours of Operation	hrOperat	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Air Route Traffic Control Center (ARTCC)	artcc	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Channel	channel	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Frequency	frequency	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Status	status	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Location Points	N/A	VOR/DME/TACAN/VORTAC Location Points	Ownership Type	OwnershipType	Yes	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Database	Database_	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Type	type	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Latitude	latitude	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Longitude	longitude	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Magnetic Variation	magVar	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Facility Name	facName	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Elevation (ft)	elev_ft	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Facility ID	FacilityID	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	NAVAID Name	navaidName	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	City	city	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Validation Date	validDate	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	FAA Region	region	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Owner	owner	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
VOR/DME/TACAN/VORTAC Service Buffers	N/A	VOR/DME/TACAN/VORTAC Service Buffers	Operator	operator	No	MnDOT Aeronautics Airport Development Staff ArcGIS analysis	8/4/2021	None	Completion of NAVAID-related project, Equipment decommissioning
MnSASP Hub Airport Data	Airport Zoning	Zoning	Zone Type	Zone_Type	No	MnDOT Aeronautics Zoning Information Warehouse	8/17/2021	None	Updates to airport zoning ordinance, Airport land acquisition
MnSASP Hub Airport Data	Airport Zoning	Zoning	Shape Area (acres)	Shape__Area	No	MnDOT Aeronautics Zoning Information Warehouse	8/17/2021	None	Updates to airport zoning ordinance, Airport land acquisition

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Hub Airport Data	Airport Zoning	Zoning	Shape	Shape	No	MnDOT Aeronautics Zoning Information Warehouse	8/17/2021	None	Updates to airport zoning ordinance, Airport land acquisition
MnSASP Hub Airport Data	Airport Zoning	Zoning	Year	Year	No	MnDOT Aeronautics Zoning Information Warehouse	8/17/2021	None	Updates to airport zoning ordinance, Airport land acquisition
Airport Safety Areas	Clear Zones (Existing)	Clear Zones	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Completion of a ALP or master plan; Updates to runway category, visibility minimums, or approach type
Airport Safety Areas	Clear Zones (Ultimate)	Clear Zones	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Completion of a ALP or master plan; Updates to runway category, visibility minimums, or approach type
Airport Safety Areas	Primary Surface (Existing)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	Primary Surface (Ultimate)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	Horizontal Surface (Existing)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	Horizontal Surface (Ultimate)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	Conical Surface (Existing)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	Conical Surface (Ultimate)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	Approach Surface (Existing)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	Approach Surface (Ultimate)	Part 77 Surfaces	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable Part 77 surface dimensions
Airport Safety Areas	RPZ (Existing)	RPZs	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable RPZ dimensions
Airport Safety Areas	RPZ (Ultimate)	RPZs	None	None	No	Airports (via ALPs and ArcGIS analyses)	12/15/2021	None	Changes to applicable RPZ dimensions
MnSASP Indicator Data	N/A	Aviation-Related Accidents	Aviation Accidents	AviationAccidents	No	NTSB CAROL	1/24/2022	Annually	Aviation-related fatality in Minnesota
MnSASP Indicator Data	N/A	Aviation Fatalities	Aviation Fatalities	Fatalities	No	NTSB CAROL	1/24/2022	Annually	Aviation-related accident leading to at least one fatality
MnSASP Hub Airport Data	Airport Activity	Certified Pilots within 30 miles of an Airport	Certified Pilots within 30nm	CertifiedPilots30nm	No	FAA Civil Airmen Statistics, ArcGIS analyses	8/18/2021	Annually	None
MnSASP Indicator Data	N/A	Fuel Availability at Airports	Fuel Proximity	FuelProximity	No	MnSASP Airport Inventory, ArcGIS analyses	8/18/2021	None	Addition or removal of Jet A or 100LL fuel at any system airport
MnSASP Indicator Data	N/A	Population Access to an Airline Service Airport	CS Airport Proximity	CSAirportProximity	No	ArcGIS Analyses, ESRI Business Analyst	8/18/2021	None	Part 139 certification changes or a new US Census release

Feature Layer	Table/Layer (if applicable)	Data Category	Data Point	Field Name (AGOL)	Data Parameters	Source(s)	Date of Data Collection	Update Cycle (if applicable)	Trigger Points for Evaluation
MnSASP Indicator Data	N/A	Population Access to an Airline Service Airport	Total MN Population	TotalMNPopulation	No	ArcGIS Analyses, ESRI Business Analyst	8/18/2021	None	Part 139 certification changes or a new US Census release
MnSASP Indicator Data	N/A	Registered Aircraft in Minnesota	Registered AC	RegisteredAC	No	FAA Aircraft Registry	8/24/2021	Annually	None
MnSASP Indicator Data	N/A	Runway Incursions	Runway Incursions	RunwayIncursions	No	NASA ASRS, NTSB CAROL	10/11/2021	Annually	Runway incursion at a towered airport in Minnesota
MnSASP Indicator Data	N/A	Systemwide Maintenance and Repair Availability	MRO Proximity	MROAirportProximity	No	MnSASP Airport Inventory, ArcGIS proximity analyses	8/18/2021	Annually	Addition or removal of MRO service availability at any system airport

Source: Kimley-Horn, 2022