

AGENDA

INTRODUCTIONS

- Welcome from Bridget Rief, MAC Vice President of Planning and Development

LTP PROJECT UPDATES

- Goals, Objectives, and Project Schedule
- Facility Requirements
- Preliminary Airfield Alternatives

NEXT STEPS / SCHEDULE

AGENDA PACKET

This packet of information contains supporting documentation for the Stakeholder Advisory Panel. They cover items that will not be included in the meeting discussion. The planning team can respond to any questions about these materials from the SAP during the meeting.

- Stakeholder Advisory Panel Role
- Aircraft Activity Forecast Update

STAKEHOLDER ADVISORY PANEL ROLE

The Stakeholder Advisory Panel (SAP) represents a broad range of stakeholder groups interested in the long-term future of the Flying Cloud Airport.

Membership includes airport tenants, public partners, local community leaders and city planners, regional businesses and tourism associations.

The SAP reviews information about the planning process and shares feedback and aspirations as the voice of key stakeholders.

The SAP will meet four (4) times during the LTP process:

- ✓ Kickoff – April 2022
- ✓ Facility Requirements – October 2022
- ✓ Concept Development and Review – May 2023
- Final Recommended Plan – End of 2023

The FCM Airport Long-Term Planning website is updated regularly. Please visit <https://metroairports.org/fcm-long-term-plan> to view most current planning resources.

AIRCRAFT ACTIVITY FORECAST UPDATE

FORECAST PROCESS

An aviation activity forecast was developed to serve as a basis of aeronautical demand used to guide the Long-Term Plan. The forecast leveraged historical data that characterize operations specific to Flying Cloud Airport. The base year used is Federal Fiscal Year 2021 and the forecast includes +1, +5, +10, +15, and +20 years from the base, with the further out forecast representing FY 2041.

Various economic factors and industry trends were incorporated such as economic growth of the region, aircraft usage by type, and pilot availability. Draft forecasts were discussed and compared to the FAA's Terminal Area Forecast (TAF), discussed with the FAA, revised where applicable and ultimately approved by the FAA in January 2023.

ANNUAL AIRCRAFT OPERATIONS

The total number of operations per year forecast at Flying Cloud Airport is projected to grow at a modest rate of 0.4% per year over the 20-year horizon from 133,217 in FY2021 to 144,764 in FY2041. Growth is anticipated evenly between itinerant visiting aircraft and local based aircraft.

	Base Year: 2021					
	Base	Base +1yr.	Base +5yrs.	Base +10yrs.	Base +15yrs.	Base +20yrs.
OPERATIONS						
Commuter/Air Taxi (Itinerant)	3,797	3,719	4,062	4,534	5,062	5,650
General Aviation (Itinerant)	65,464	65,740	66,530	67,649	68,932	70,397
Civil (Local)	63,478	63,745	64,511	65,597	66,841	68,261
TOTAL OPERATIONS	133,217	133,660	135,558	138,237	141,764	144,764

BASED AIRCRAFT FORECAST

The number of aircraft based at Flying Cloud is forecast to increase at a similar rate of 0.3% per year from 333 in FY2021 to 354 in FY2041. This forecast anticipates an increase in the number of based jet aircraft at Flying Cloud.

	Base Year: 2021					
	Base	Base +1yr.	Base +5yrs.	Base +10yrs.	Base +15yrs.	Base +20yrs.
BASED AIRCRAFT						
Single-Engine	263	262	258	253	248	243
Multi-Engine	34	34	33	33	32	31
Jet Engine	30	32	39	51	59	71
Helicopter	6	6	6	7	7	8
TOTAL BASED AIRCRAFT	333	334	336	343	347	354

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CRITICAL AIRCRAFT

The FAA defines “critical aircraft” as the most demanding aircraft type that makes regular use of the airport with 500 or more annual operations per year. The legacy critical aircraft for FCM was given by the Airport Reference Code of B-II aircraft. For the last five years, FCM has effectively been operating with C-II aircraft as the critical aircraft, and that trend is expected to continue in the future, as shown in the table below.

AAC-ADG	Base Year 2021			
	Base	Base +5yrs.	Base +10yrs.	Base +20yrs.
A-I	104,969	104,724	104,514	104,208
A-II	1,903	2,124	2,371	2,955
B-I	6,292	6,630	7,010	7,914
B-II	14,587	16,190	17,980	22,209
C-I	1,103	1,232	1,375	1,714
C-II	2,480	2,768	3,090	3,851
C-III	6	6	7	9
D-II	33	36	41	51
D-III	17	19	21	26
Heli	1,828	1,828	1,828	1,828
Total	133,217	135,557	138,237	144,765

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