

Appendix H: FAA Terminal Area Forecast (TAF) Worksheet

Airport Master Plan Update

Aurora State Airport

Comparison of Airport Planning and FAA TAF Forecasts

AIRPORT NAME/LOCATION ID: **Aurora State Airport / UAO**

Date: **8/27/2010**

	<u>Year</u>	<u>Airport Forecast</u>	<u>FAA TAF</u>	<u>AF/TAF (% Difference)</u>
Passenger Enplanements				
Base yr.	2010	0	0	#DIV/0!
Base yr. + 5yrs.	2015	0	0	#DIV/0!
Base yr. + 10yrs.	2020	0	0	#DIV/0!
Base yr. + 15yrs.	2025	0	0	#DIV/0!
Commercial Operations				
Base yr.	2010	11,025	9,920	11.1%
Base yr. + 5yrs.	2015	11,795	10,579	11.5%
Base yr. + 10yrs.	2020	12,619	11,237	12.3%
Base yr. + 15yrs.	2025	13,501	11,896	13.5%
Total Operations				
Base yr.	2010	100,224	91,645	9.4%
Base yr. + 5yrs.	2015	107,227	102,396	4.7%
Base yr. + 10yrs.	2020	114,720	113,144	1.4%
Base yr. + 15yrs.	2025	122,736	123,895	-0.9%

NOTE: TAF data is on a U.S. Government fiscal year basis

Summary of Documentation for Airport Planning Forecast

AIRPORT NAME/LOCATION ID: Aurora State Airport / UAO

Date: 8/27/2010

A. Forecast Levels and Growth Rates

Base year:	2010					Average Annual Compound Growth Rates			
	<u>2010</u>	<u>2011</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2011</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
Passenger Enplanements									
Air Carrier	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Commuter	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOTAL	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Operations									
<u>Itinerant</u>									
Air carrier	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Commuter/air taxi	11,025	11,175	11,795	12,619	13,501	1.4%	1.4%	1.4%	1.4%
Total Commercial Operations	11,025	11,175	11,795	12,619	13,501	1.4%	1.4%	1.4%	1.4%
General aviation	53,370	54,097	57,109	61,110	65,391	1.4%	1.4%	1.4%	1.4%
Military	250	250	250	250	250	0.0%	0.0%	0.0%	0.0%
<u>Local</u>									
General aviation	35,580	36,065	38,073	40,740	43,594	1.4%	1.4%	1.4%	1.4%
Military	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOTAL OPERATIONS	100,224	101,587	107,227	114,720	122,736	1.4%	1.4%	1.4%	1.4%
Instrument Operations	6,013	6,298	7,506	9,178	10,432	4.7%	4.5%	4.3%	3.7%
Peak Hour Operations	40	40	43	46	49	0.0%	1.5%	1.4%	1.4%
Cargo/mail (enplaned+deplaned tons)	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Based Aircraft									
Single Engine (Nonjet)	312	316	333	344	360	1.3%	1.3%	1.0%	1.0%
Multi Engine (Nonjet)	40	40	40	41	43	0.0%	0.0%	0.2%	0.5%
Jet Engine (Turbofan & Turboprop)	40	41	50	59	70	2.5%	4.6%	4.0%	3.8%
Helicopter	35	36	37	45	51	2.9%	1.1%	2.5%	2.5%
Other	5	5	5	5	5	0.0%	0.0%	0.0%	0.0%
TOTAL	432	438	465	494	529	1.4%	1.5%	1.3%	1.4%

B. Operational Factors

	<u>2010</u>	<u>2011</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>
Average aircraft size (seats)					
Air carrier	0.0	0.0	0.0	0.0	0.0
Commuter	0.0	0.0	0.0	0.0	0.0
Average enplaning load factor					
Air carrier	0.0%	0.0%	0.0%	0.0%	0.0%
Commuter	0.0%	0.0%	0.0%	0.0%	0.0%
GA operations per based aircraft	206	206	205	206	206

Note: Show base plus one year if forecast was done.
If planning effort did not include all forecast years shown interpolate years as needed, using average annual compound growth rates.