

Summary of Documentation for Airport Planning Forecast

AIRPORT NAME/LOCATION ID: Moriarty Municipal Airport/0E0
Date: 12/14/04

A. Forecast Levels and Growth Rates									
Base year:	2004								
						Average Annual Compound Growth Rates			
	2004	2005	2009	2014	2019	2005	2009	2014	2019
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	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total Commercial Operations	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
General aviation	1,920	3,341	3,550	3,812	4,193	74.0%	13.1%	7.1%	5.3%
Military	50	55	70	80	100	10.0%	7.0%	4.8%	4.7%
<u>Local</u>									
General aviation	21,316	24,987	29,520	34,136	38,780	17.2%	6.7%	4.8%	4.1%
Military	110	120	150	200	300	9.1%	6.4%	6.2%	6.9%
TOTAL OPERATIONS	23,396	28,503	33,290	38,228	43,373	21.8%	7.3%	5.0%	4.2%
Instrument Operations	0	0	1,000	1,500	3,000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Peak Hour Operations	19,184	22,488	25,568	29,222	31,902	17.2%	5.9%	4.3%	3.4%
Cargo/mail (enplaned+deplaned tons)	0	0	10	50	100	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Based Aircraft									
Single Engine (Nonjet)	73	83	103	122	142	13.7%	7.1%	5.3%	4.5%
Multi Engine (Nonjet)	3	4	9	15	20	33.3%	24.6%	17.5%	13.5%
Jet Engine	1	1	2	3	4	0.0%	14.9%	11.6%	9.7%
Helicopter	0	1	3	4	5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Other	118	123	126	130	133	4.2%	1.3%	1.0%	0.8%
TOTAL	195	212	243	274	304	8.7%	4.5%	3.5%	3.0%

B. Operational Factors					
	2004	2005	2009	2014	2019
Average aircraft size (seats)					
Air carrier					
Commuter					
Average enplaning load factor					
Air carrier					
Commuter					
GA operations per based aircraft	119	134	136	138	141

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.

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For Flight Ops

Sundance will max out at 5000 aerotows per year

The planned addition of a winch launch device will increase Sundance tows by 25%

2004 Sundance Fuel sales assumed to cause 6 ops each. 1/3 trans, 2/3 local

10% of all normal ops and all instrument ops are during off-peak hours

24 hour fuel will increase fuel sales by 30% then 10% each period

Club will increase aerotows at 10% every 5 years

Local ops will increase according to number of based aircraft

Itinerant ops will increase according to assumed fuel sales

The City, State, and local Economic Development entities are actively recruiting aviation businesses to locate to Moriarty Airport

Military ops will increase as estimated

For based aircraft:

It is assumed that all 85 existing lots will be developed by 2009

A local contractor has been approved by the City to build 52 T-hangars in 3 stages

13 T-hangars will be built and occupied by 2009

The City will add 60 new lots north of the existing by 2019

1/3 of new hangars will have other, 2/3 will have SEL

15 hangars will be added in 2005, 23 per period thereafter (10 regular, 13 'T')

144 of 197 lots will be developed by 2019 including 52 T-hangar lots

Twins, Jets, helicopters will increase as estimated