

## Appendix C – FAA Appendix B

**Table C-1**  
**FAA Appendix B: Airport Planning Forecasts**

<b>A. Forecast Levels and Growth Rates (Sample Data Shown)</b>									
<b>Specified Base Year: 2021</b>	<b>Base Yr. Level</b>	<b>Base Yr. +1 Yr.</b>	<b>Base Yr. +5 Yrs.</b>	<b>Base Yr. +10 Yrs.</b>	<b>Base Yr. +15 Yrs.</b>	<b>Base Yr. to +1</b>	<b>Base Yr. to +5</b>	<b>Base Yr. to +10</b>	<b>Base Yr. to +15</b>
<b>Passenger Enplanements</b>									
Air Carrier	464,169	536,335	961,994	1,093,451	1,225,263	15.5%	15.7%	8.9%	6.7%
<b>Operations</b>									
<b><u>Itinerant</u></b>									
Air carrier	17,288	18,152	21,608	24,080	25,741	5.0%	4.6%	3.4%	2.7%
General aviation	44,276	44,545	45,618	47,227	48,569	0.6%	0.6%	0.6%	0.6%
Military	1,789	1,789	1,789	1,789	1,789	0.0%	0.0%	0.0%	0.0%
Cargo	127	254	254	254	254	100.0%	14.9%	7.2%	4.7%
<b><u>Local</u></b>									
General aviation	12,611	12,687	12,993	13,452	13,834	0.6%	0.6%	0.6%	0.6%
Military	74	74	74	74	74	0.0%	0.0%	0.0%	0.0%
<b>TOTAL OPERATIONS</b>	<b>76,165</b>	<b>77,501</b>	<b>82,336</b>	<b>86,876</b>	<b>90,261</b>	<b>1.8%</b>	<b>1.6%</b>	<b>1.3%</b>	<b>1.1%</b>
Peak Hour Operations	20	20	22	23	24	1.75%	1.6%	1.3%	1.1%
<b>Based Aircraft</b>									
Single-Engine	117	117	119	122	124	0.00%	0.3%	0.4%	0.4%
Multi-Engine	11	11	11	12	12	0.00%	0.0%	0.9%	0.6%
Jet	28	29	31	32	35	3.57%	2.1%	1.3%	1.5%
Helicopter	9	9	9	10	10	-	-	-	-
<b>TOTAL</b>	<b>165</b>	<b>166</b>	<b>170</b>	<b>176</b>	<b>181</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>

<b>B. Operational Factors</b>					
	<b>Base Yr. Level</b>	<b>Base Yr. +1 Yr.</b>	<b>Base Yr. +5 Yrs.</b>	<b>Base Yr. +10 Yrs.</b>	<b>Base Yr. +15 Yrs.</b>
Average aircraft size (seats per departure)	76	82	107	113	117
Average enplaning load factor	71.0%	72.4%	83.2%	80.0%	81.2%
General Aviation operations per based aircraft	345	345	345	345	345

Source: Blue Grass Airport (LEX), FAA Operations Network (OPSNET), FAA Traffic Flow Management System Counts (TFMSC), FAA Airport Data and Information Portal (Form 5010), Bureau of Transportation Statistics (BTS) T-100 data, US DOT T-100 data, Ailevon Pacific Aviation Consulting analysis, CHA, 2022.

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