

Appendix H - Forecast

This appendix presents the aviation forecasting efforts that were conducted for the Part 150 Noise Compatibility Study for the John Glenn Columbus International Airport (CMH).

2020 Aviation Activity Forecast

An Aviation Activity Demand Forecast was prepared based on actual operating data from 2018 and includes a forecast for conditions from 2019 through 2039. The Forecast was submitted to the FAA for review in January 2020. The FAA approved this Forecast on March 3, 2020. This forecast was prepared and submitted to FAA prior to the COVID-19 public health emergency. Due to the timing of the forecast and changes to aviation demand due to COVID-19, FAA requested that an updated forecast be prepared.

2023 Aviation Activity Forecast

A Forecast of Aviation Activity was prepared based on the Draft 2023 TAF. Due to the changes in the aviation industry, FAA requested a forecast update be prepared based on the Draft 2023 TAF from which an aircraft fleet mix could be developed for use in the Part 150 Study. Therefore, this forecast update has been prepared to provide fleet mix data for a 2024 base year and an out year of 2029. This forecast assumes total annual operations will be consistent with the Draft 2023 TAF. A copy of this forecast report, the 2023 Draft TAF, and FAA forecast approval letter, are included in this appendix.

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Aviation Activity Forecast December 2023

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COLUMBUS
REGIONAL AIRPORT AUTHORITY

Part 150 Noise Compatibility Study

Forecast of Aviation Activity

John Glenn Columbus International Airport

Draft – December 2023

PREPARED FOR
Columbus Regional Airport Authority

PRESENTED BY
Landrum & Brown, Incorporated



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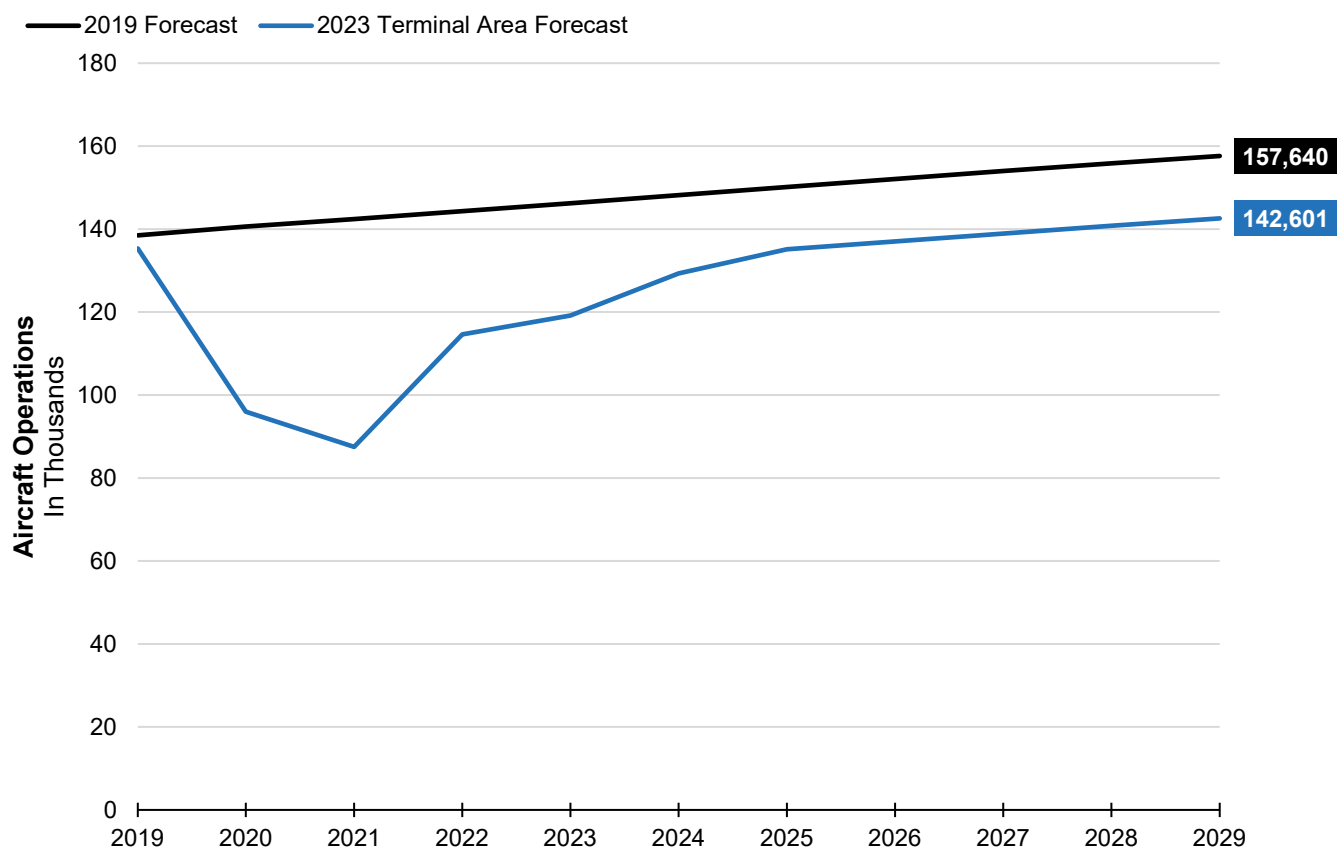
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Chapter 1 Background

In 2019, a Forecast of Aviation Activity (2019 Forecast) was prepared in support of a Part 150 Noise Compatibility Study Update (Part 150 Study) for the John Glenn Columbus International Airport (CMH or Airport). That 2019 Forecast was approved by the Federal Aviation Administration (FAA) on March 3, 2020. Following approval, a reduction in global air traffic occurred due to the COVID-19 pandemic. As a result, the 2019 Forecast no longer reflected actual or projected near-term activity forecasts. The most recent FAA Terminal Area Forecast (TAF) which was released in February 2023 forecasts an overall lower level of annual traffic than was anticipated in the 2019 Forecast. **Figure 1** shows a comparison of aircraft operations from the 2019 Forecast and the 2023 TAF.

Exhibit 1 COMPARISON OF AIRCRAFT OPERATIONS FROM THE 2019 FORECAST TO THE 2023 TERMINAL AREA FORECAST



Sources: Part 150 Noise Compatibility Study, 2019. Federal Aviation Administration, Terminal Area Forecast, February 2023.

Due to the changes in the aviation industry, FAA requested a forecast update be prepared based on the 2023 TAF from which an aircraft fleet mix could be developed for use in the Part 150 Study. Therefore, this forecast update has been prepared to provide fleet mix data for a 2024 base year and an out year of 2029. This forecast assumes total annual operations will be consistent with the 2023 TAF. Various data sources were reviewed to develop a derivative fleet mix suitable for Part 150 noise modeling purposes as described in the following sections.

Chapter 2 Fleet Mix Forecast Update

2.1 Annual Forecast

The most recent release of the FAA Terminal Area Forecast (TAF) released in February 2023 was adopted for the annual enplaned passenger and the aircraft operations forecasts at CMH on an annual level. The share of air carrier and air taxi aircraft operations were segmented into passenger, all-cargo, and air taxi operations based on the data sources from the FAA and the Columbus Regional Airport Authority (CRAA).

2.2 Fleet Mix Forecasts

2.2.1 Data Sources

Data from the FAA's Traffic Flow Management System Counts (TFMSC) database, the Airport Noise Monitoring System (ANOMS) which includes flight information from the FAA, landing fee reports provided by CRAA, and data from published flights schedules via Cirium's Diio Mi database were consolidated and compared to determine any inconsistencies. All of the sources provided similar counts per aircraft types.

2.2.2 Passenger Airlines Aircraft Fleet Mix

The share of each passenger aircraft provided in the ANOMS data from September 2022 through August 2023 was applied to the 2024 estimate for passenger aircraft operations to determine the fleet mix for the base year. To determine how the passenger fleet mix would change over the forecast period, airline aircraft orders were reviewed. The following orders were assumed to have an impact on the fleet at the Airport.

- **Alaska Airlines**
 - 15 Boeing 737 Max 8
 - 21 Boeing 737 Max 9
 - 102 Boeing 737 Max 10
- **American Airlines**
 - 10 Airbus A321neo
 - 77 Boeing 737 Max 8
- **Breeze Airways**
 - 63 Airbus A220-300
- **Delta Air Lines**
 - 68 Airbus A220-300
 - 112 Airbus A321neo
 - 100 Boeing 737 Max 10
- **Frontier Airlines**
 - 49 Airbus A320neo
 - 137 Airbus A321neo
- **Spirit Airlines**
 - 39 Airbus A320neo
 - 62 Airbus A321neo
- **Sun Country**
 - 5 Boeing 737-900
- **Southwest Airlines**
 - 192 Boeing 737 Max 7
 - 161 Boeing 737 Max

It was assumed that these aircraft on order would replace a significant portion of the older aircraft in the airlines' fleets. Therefore, the share of aircraft would shift to the newer aircraft over the forecast period. It was also assumed that a majority of growth in aircraft operations would occur with the larger air carrier aircraft with a significant portion of the future growth being attributable to low-cost carriers.

Table 1 provides the fleet mix for 2024 and 2029 for passenger airlines at CMH.

TABLE 1 PASSENGER AIRLINES AIRCRAFT FLEET MIX

Aircraft	Seats	Annual Operations	
		2024	2029
Passenger			
<i>Air Carrier</i>			
A21N	240	202	2,331
B752	199	69	0
A321	191	2,616	1,583
A20N	186	1,160	2,532
B3XM	189	0	0
B39M	178	422	1,116
B739	178	4,681	4,670
B38M	166	3,782	10,009
B738	160	11,960	9,039
A320	157	5,027	6,009
B37M	150	0	8,826
BCS3	137	264	876
A319	132	4,316	3,211
B737	126	14,142	9,126
E195	124	391	0
B712	110	814	985
E190	108	303	367
Total Air Carrier		50,149	60,680
<i>Commuter</i>			
E75S	76	8,786	8,645
E75L	76	1,161	1,142
CRJ9	76	4,724	4,648
E170	65	23,374	22,999
CRJ7	50 - 65	814	801
E145	50	198	195
E45X	50	648	637
LJ45	50	0	0
CRJ2	50	1,409	1,387
Total Commuter		41,114	40,454
Total Passenger		91,263	101,134

Sources: Federal Aviation Administration, Terminal Area Forecast, March 2023. Airport Noise Monitoring System. Landrum & Brown Analysis.

2.2.3 Non-Passenger Aircraft Fleet Mix

It was assumed with a majority of cargo operations occurring at nearby Rickenbacker International Airport, there would be no growth in cargo aircraft operations and no changes to the aircraft utilized at CMH. For air taxi aircraft operations, it was assumed that jet aircraft would increase at the fastest rate, followed by turbo prop aircraft over the forecast period. The share of aircraft within the specific categories was not changed.

Similarly, it was assumed that jet and turbo prop operations in the general aviation segment would increase while piston aircraft would slightly decrease. These trends are consistent with the FAA's Aerospace Forecast. It was assumed that that would be no material changes to military aircraft. Table 2 provides the fleet mix for non-passenger aircraft.

TABLE 2 NON-PASSENGER AIRCRAFT FLEET MIX

Aircraft	Annual Operations	
	2024	2029
Cargo		
SB20	55	55
E120	20	20
B190	16	16
B735	8	8
SW4	7	7
BE99	6	6
SF34	4	4
Total Cargo	116	116
Air Taxi		
Jet		
C68A	2,479	2,775
E55P	1,691	1,893
C56X	1,324	1,482
CL35	1,265	1,416
CL30	838	938
C25B	743	832
CRJ2	682	763
BE40	552	618
C680	435	487
<i>Other Jet</i>	<i>5,438</i>	<i>6,089</i>
Total Jet	15,447	17,293
Turbo Prop		
PC12	1,265	1,342
B350	470	498
<i>Other Turbo Prop</i>	<i>304</i>	<i>324</i>
Total Turbo Prop	2,039	2,164
Piston		
BE58	433	442
C172	55	56
<i>Other Piston</i>	<i>267</i>	<i>271</i>
Total Piston	755	769
Total Air Taxi	18,241	20,226

TABLE 2 NON-PASSENGER AIRCRAFT FLEET MIX (CONTINUED)

Aircraft	Annual Operations	
	2024	2029
General Aviation		
Jet		
Code III	808	887
Code II	11,740	12,888
Code I	2,335	2,563
Total Jet	14,884	16,339
Turbo Prop	0	0
Code III	6	6
Code II	1,035	1,058
Code I	734	751
Total Turbo Prop	1,775	1,815
Piston		
Code III	0	0
Code II	13	13
Code I	2,740	2,657
Total Piston	2,753	2,670
Helicopter	33	35
Total General Aviation	19,445	20,859
Military		
Non-Specified	266	266
Total Military	266	266

Sources: Federal Aviation Administration, Terminal Area Forecast, March 2023. Airport Noise Monitoring System. Landrum & Brown Analysis.

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Draft 2023 FAA Terminal Area Forecast Issued July 2023

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APO TAF Quick Data Summary Report - Facility

For GreatLakes -- 2023 Scenario

Region State: AGL-OH

LOCID: CMH Combined TRACON & Tower with Radar

City: COLUMBUS

Airport: JOHN GLENN COLUMBUS INTL

2022 Based Aircraft: 88

Fiscal Year	--ENPLANEMENTS--			--AIRPORT OPERATIONS--									--TRACON--
	Air Carrier	Commuter	Total	Itinerant Operations					Local Operations			Total OPS	Total OPS
				Air Carrier	AT & Commuter	GA	Military	Total	Civil	Military	Total		
2018	2,486,446	1,405,467	3,891,913	81,737	30,143	20,542	519	132,941	0	0	0	132,941	330,611
2019	2,752,180	1,372,075	4,124,255	88,343	26,019	20,219	738	135,319	0	0	0	135,319	335,346
2020	1,505,365	777,465	2,282,830	63,164	17,478	14,900	408	95,950	28	0	28	95,978	271,912
2021	1,589,430	746,844	2,336,274	56,561	13,653	16,896	382	87,492	22	0	22	87,514	278,018
2022	2,456,961	1,089,663	3,546,624	78,225	17,029	18,999	351	114,604	0	0	0	114,604	321,361
2023	* 3,021,697	914,283	3,935,980	84,187	16,357	18,332	266	119,142	26	0	26	119,168	316,286
2024	* 3,193,350	975,665	4,169,015	93,313	16,307	19,415	266	129,301	30	0	30	129,331	334,930
2025	* 3,339,465	1,024,426	4,363,891	98,037	16,143	20,665	266	135,111	30	0	30	135,141	344,042
2026	* 3,404,271	1,044,594	4,448,865	100,833	15,185	20,706	266	136,990	30	0	30	137,020	343,578
2027	* 3,470,834	1,065,309	4,536,143	102,849	15,012	20,747	266	138,874	30	0	30	138,904	344,954
2028	* 3,538,959	1,086,425	4,625,384	104,560	15,164	20,788	266	140,778	30	0	30	140,808	348,685
2029	* 3,603,657	1,106,499	4,710,156	106,159	15,317	20,829	266	142,571	30	0	30	142,601	352,484
2030	* 3,668,094	1,126,523	4,794,617	107,739	15,471	20,871	266	144,347	30	0	30	144,377	356,317
2031	* 3,733,471	1,146,789	4,880,260	109,337	15,627	20,912	266	146,142	30	0	30	146,172	360,125
2032	* 3,799,887	1,167,372	4,967,259	110,953	15,784	20,953	266	147,956	30	0	30	147,986	363,885
2033	* 3,866,609	1,188,034	5,054,643	112,566	15,943	20,995	266	149,770	30	0	30	149,800	367,663
2034	* 3,937,120	1,209,830	5,146,950	114,276	16,103	21,036	266	151,681	30	0	30	151,711	371,477
2035	* 4,008,083	1,231,722	5,239,805	115,986	16,266	21,078	266	153,596	30	0	30	153,626	375,470
2036	* 4,082,433	1,254,665	5,337,098	117,781	16,429	21,120	266	155,596	30	0	30	155,626	379,517
2037	* 4,161,708	1,279,021	5,440,729	119,702	16,595	21,162	266	157,725	30	0	30	157,755	383,634
2038	* 4,241,718	1,303,605	5,545,323	121,631	16,763	21,203	266	159,863	30	0	30	159,893	387,829
2039	* 4,321,321	1,328,039	5,649,360	123,536	16,932	21,245	266	161,979	30	0	30	162,009	392,036
2040	* 4,402,393	1,352,940	5,755,333	125,468	17,102	21,287	266	164,123	30	0	30	164,153	396,311
2041	* 4,483,077	1,377,666	5,860,743	127,377	17,274	21,330	266	166,247	30	0	30	166,277	400,556
2042	* 4,566,095	1,403,130	5,969,225	129,339	17,448	21,372	266	168,425	30	0	30	168,455	404,906
2043	* 4,648,987	1,428,520	6,077,507	131,284	17,624	21,414	266	170,588	30	0	30	170,618	409,294
2044	* 4,733,678	1,454,465	6,188,143	133,265	17,801	21,456	266	172,788	30	0	30	172,818	413,744
2045	* 4,822,478	1,481,618	6,304,096	135,347	17,981	21,499	266	175,093	30	0	30	175,123	418,304
2046	* 4,911,598	1,508,851	6,420,449	137,425	18,162	21,541	266	177,394	30	0	30	177,424	422,936
2047	* 5,002,779	1,536,709	6,539,488	139,547	18,345	21,584	266	179,742	30	0	30	179,772	427,668
2048	* 5,095,215	1,564,930	6,660,145	141,690	18,530	21,627	266	182,113	30	0	30	182,143	432,501
2049	* 5,190,215	1,593,914	6,784,129	143,890	18,716	21,670	266	184,542	30	0	30	184,572	437,461
2050	* 5,288,599	1,623,920	6,912,519	146,168	18,905	21,712	266	187,051	30	0	30	187,081	442,548
GR1	2.78	1.44	2.41	2.26	0.37	0.48	-0.99	1.77	999.99	0.00	999.99	1.77	1.15
GR2	2.09	2.15	2.11	2.06	0.54	0.63	0.00	1.68	0.53	0.00	0.53	1.68	1.25

GR1: Growth Rate from 2022 to 2050
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GR2: Growth Rate from 2023 to 2050

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FAA Forecast Approval
February 20, 2024

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U.S. Department
of Transportation
**Federal Aviation
Administration**

Detroit Airports District Office
Metro Airport Center
11677 South Wayne Road, Ste. 107
Romulus, MI 48174

February 20, 2024

Mr. Mark Kelby, Airport Planner
Columbus Regional Airport Authority
John Glenn International Airport
4600 International Gateway
Columbus, OH 43219

FAA Review & Approval for Part 150 Study at John Glenn International Airport (CMH) –
AIP Grant # 3-39-0025-0103-2023

Dear Mr. Kelby:

The Federal Aviation Administration (FAA) Detroit Airports District Office (DET ADO) has completed a review of the John Glenn Columbus International Airport – Part 150 Study Forecast of Aviation Activity, received by this office via email on December 20, 2023 from Chris Sandfoss, L&B.

The forecasts were developed for the preparation of the Part 150 Noise Study being undertaken by the sponsor. The FAA approves these forecasts for the development of the Noise Exposure Maps (NEMs). The FAA approval is based on Exhibit 1 – *Comparison of Aircraft Operations from the 2019 Forecast to the 2023 Terminal Area Forecast* and the Fleet Mix described in Table 1 and 2. Based on our approval we also offer the following:

- The comparison of the airport sponsor forecast and the FAA Terminal Area Forecast (TAF) are within the 10 percent and 15 percent allowance for the 5- and 10-year planning horizons. This is based on both the TAF January 2022 and recently released TAF January 2024. A copy of both the 2022 and 2023 TAF should be included with the final documents.
- The forecasts are based on current data and appropriate methodologies.

The approval of the forecast does not automatically constitute a commitment on the part of the United States to participate in any development recommended in the Part 150 Study. All future development must be justified by current activity levels at the time of proposed implementation. Further, the approved forecasts may be subject to

additional analysis or the FAA may request a sensitivity analysis if at time of submittal of the Noise Exposure Maps (NEMs) there have been any significant changes at the airports (increase or decline) prior to the FAA's processing and acceptance of the NEMs and approval of the Noise Compatibility Program (NCP).

If you have any questions about this forecast approval, please contact me at (734) 229-2958 or Katherine.S.Delaney@faa.gov.

Sincerely,

Katherine S. Delaney
Lead Community Planner

Attachment:
2023 TAF (CMH)

APO TERMINAL AREA FORECAST DETAIL REPORT

Forecast Issued January 2024

CMH

AIRCRAFT OPERATIONS

Fiscal Year	Enplanements			Itinerant Operations					Local Operations			Total Ops	Total Tracon Ops	Based Aircraft
	Air Carrier	Commuter	Total	Air Carrier	Air Taxi & Commuter	GA	Military	Total	Civil	Military	Total			
REGION:AGL STATE:OH LOCID:CMH														
CITY:COLUMBUS AIRPORT:JOHN GLENN COLUMBUS INTL														
1990	1,680,600	134,300	1,814,900	44,010	42,305	54,839	1,884	143,038	26,534	1,181	27,715	170,753	326,378	173
1991	1,604,675	117,434	1,722,109	59,379	57,755	65,191	1,761	184,086	28,479	1,158	29,637	213,723	316,251	181
1992	2,068,290	136,259	2,204,549	74,081	55,814	61,223	2,780	193,898	29,340	1,360	30,700	224,598	323,273	181
1993	2,301,762	155,989	2,457,751	81,207	51,570	55,624	1,874	190,275	26,184	590	26,774	217,049	317,993	181
1994	2,563,152	214,922	2,778,074	87,888	62,112	50,833	1,474	202,307	20,874	452	21,326	223,633	327,515	161
1995	2,589,662	215,624	2,805,286	75,360	59,592	43,173	1,097	179,222	24,507	371	24,878	204,100	329,466	155
1996	2,920,507	209,575	3,130,082	80,757	63,344	40,636	722	185,459	25,624	351	25,975	211,434	307,466	124
1997	3,176,484	197,622	3,374,106	87,587	66,601	39,877	387	194,452	18,698	98	18,796	213,248	319,382	83
1998	3,023,941	207,624	3,231,565	84,170	67,802	46,706	588	199,266	28,398	198	28,596	227,862	345,597	83
1999	2,949,266	359,618	3,308,884	77,267	79,762	56,320	572	213,921	14,562	491	15,053	228,974	377,011	70
2000	2,961,618	486,010	3,447,628	77,322	91,869	54,696	1,725	225,612	9,723	203	9,926	235,538	395,822	70
2001	2,768,754	643,630	3,412,384	69,366	109,503	53,881	1,702	234,452	8,687	64	8,751	243,203	386,753	91
2002	2,390,215	814,555	3,204,770	58,333	125,933	58,874	1,531	244,671	8,584	70	8,654	253,325	407,187	91
2003	2,201,178	947,925	3,149,103	47,138	124,929	61,269	1,191	234,527	6,138	0	6,138	240,665	382,028	91
2004	2,066,582	955,001	3,021,583	44,123	117,950	62,017	1,402	225,492	3,804	29	3,833	229,325	374,416	230
2005	2,094,283	1,168,778	3,263,061	50,135	107,238	57,944	877	216,194	6,323	14	6,337	222,531	388,563	230
2006	1,884,820	1,389,578	3,274,398	49,262	81,982	54,086	1,592	186,922	6,073	526	6,599	193,521	379,881	93
2007	2,240,292	1,485,490	3,725,782	50,294	73,957	42,273	1,643	168,167	6,241	208	6,449	174,616	349,502	93
2008	2,076,236	1,417,503	3,493,739	59,638	66,151	34,240	1,723	161,752	3,335	64	3,399	165,151	310,465	93
2009	1,766,309	1,336,054	3,102,363	55,690	57,816	30,868	2,497	146,871	0	0	0	146,871	238,248	93
2010	1,710,886	1,414,401	3,125,287	49,579	59,991	27,139	1,424	138,133	0	0	0	138,133	245,537	93
2011	1,731,460	1,413,843	3,145,303	54,776	56,990	23,753	405	135,924	0	0	0	135,924	288,326	83

2012	1,760,219	1,350,529	3,110,748	58,410	49,482	23,917	450	132,259	0	0	0	132,259	357,509	83
2013	1,723,751	1,329,508	3,053,259	57,723	45,852	22,012	600	126,187	985	0	985	127,172	339,302	76
2014	1,780,149	1,322,362	3,102,511	59,125	44,415	20,913	606	125,059	11	0	11	125,070	326,060	76
2015	1,911,281	1,318,617	3,229,898	65,164	38,778	20,573	535	125,050	0	0	0	125,050	314,573	76
2016	2,178,712	1,343,711	3,522,423	71,934	36,481	19,974	493	128,882	0	0	0	128,882	325,673	74
2017	2,337,996	1,301,543	3,639,539	78,945	29,395	19,896	511	128,747	7	0	7	128,754	329,420	78
2018	2,486,446	1,405,467	3,891,913	81,737	30,143	20,542	519	132,941	0	0	0	132,941	330,611	78
2019	2,752,180	1,372,075	4,124,255	88,343	26,019	20,219	738	135,319	0	0	0	135,319	335,346	73

APO TERMINAL AREA FORECAST DETAIL REPORT

Forecast Issued January 2024

CMH

Fiscal Year	AIRCRAFT OPERATIONS													
	Enplanements			Itinerant Operations					Local Operations			Total Ops	Total Tracon Ops	Based Aircraft
	Air Carrier	Commuter	Total	Air Carrier	Air Taxi & Commuter	GA	Military	Total	Civil	Military	Total			
2020	1,505,365	777,465	2,282,830	63,164	17,478	14,900	408	95,950	28	0	28	95,978	271,912	90
2021	1,589,430	746,844	2,336,274	56,561	13,653	16,896	382	87,492	22	0	22	87,514	278,018	90
2022	2,456,961	1,089,669	3,546,630	78,225	17,029	18,999	351	114,604	0	0	0	114,604	321,361	88
2023*	2,952,315	1,027,922	3,980,237	84,362	16,531	17,767	337	118,997	26	0	26	119,023	323,739	89
2024*	3,295,489	962,458	4,257,947	91,079	10,042	20,045	337	121,503	30	0	30	121,533	332,032	89
2025*	3,484,923	1,020,282	4,505,205	96,582	12,487	21,533	337	130,939	30	0	30	130,969	348,973	89
2026*	3,551,736	1,040,149	4,591,885	99,188	11,812	21,576	337	132,913	30	0	30	132,943	350,032	89
2027*	3,623,364	1,061,382	4,684,746	101,178	11,683	21,619	337	134,817	30	0	30	134,847	352,732	89
2028*	3,697,065	1,083,140	4,780,205	102,875	11,801	21,661	337	136,674	30	0	30	136,704	356,102	89
2029*	3,767,658	1,104,005	4,871,663	104,473	11,920	21,704	337	138,434	30	0	30	138,464	359,323	89
2030*	3,837,597	1,124,691	4,962,288	106,039	12,040	21,747	337	140,163	30	0	30	140,193	362,508	89
2031*	3,906,872	1,145,156	5,052,028	107,576	12,161	21,790	337	141,864	30	0	30	141,894	365,663	89
2032*	3,977,031	1,165,886	5,142,917	109,124	12,283	21,833	337	143,577	30	0	30	143,607	368,851	89
2033*	4,047,344	1,186,639	5,233,983	110,662	12,406	21,877	337	145,282	30	0	30	145,312	372,034	89
2034*	4,118,413	1,207,589	5,326,002	112,207	12,531	21,920	337	146,995	30	0	30	147,025	375,230	89

2035*	4,192,936	1,229,533	5,422,469	113,834	12,657	21,963	337	148,791	30	0	30	148,821	378,556	89
2036*	4,269,653	1,252,105	5,521,758	115,505	12,784	22,007	337	150,633	30	0	30	150,663	381,968	89
2037*	4,347,165	1,274,853	5,622,018	117,182	12,912	22,050	337	152,481	30	0	30	152,511	385,396	89
2038*	4,424,195	1,297,482	5,721,677	118,834	13,042	22,094	337	154,307	30	0	30	154,337	388,805	89
2039*	4,502,713	1,320,525	5,823,238	120,511	13,173	22,138	337	156,159	30	0	30	156,189	392,263	89
2040*	4,582,973	1,344,071	5,927,044	122,219	13,305	22,181	337	158,042	30	0	30	158,072	395,786	89
2041*	4,661,849	1,367,163	6,029,012	123,879	13,439	22,225	337	159,880	30	0	30	159,910	399,251	89
2042*	4,743,498	1,391,095	6,134,593	125,599	13,574	22,269	337	161,779	30	0	30	161,809	402,822	89
2043*	4,825,983	1,415,233	6,241,216	127,328	13,710	22,313	337	163,688	30	0	30	163,718	406,421	89
2044*	4,908,622	1,439,409	6,348,031	129,050	13,848	22,358	337	165,593	30	0	30	165,623	410,020	89
2045*	4,991,934	1,463,764	6,455,698	130,779	13,987	22,402	337	167,505	30	0	30	167,535	413,637	89
2046*	5,075,145	1,488,093	6,563,238	132,493	14,128	22,446	337	169,404	30	0	30	169,434	417,253	89
2047*	5,158,801	1,512,542	6,671,343	134,207	14,270	22,491	337	171,305	30	0	30	171,335	420,891	89
2048*	5,242,831	1,537,097	6,779,928	135,918	14,413	22,535	337	173,203	30	0	30	173,233	424,540	89
2049*	5,329,100	1,562,285	6,891,385	137,676	14,558	22,580	337	175,151	30	0	30	175,181	428,270	89

APO TERMINAL AREA FORECAST DETAIL REPORT

Forecast Issued January 2024

CMH

Fiscal Year	AIRCRAFT OPERATIONS													
	Enplanements			Itinerant Operations					Local Operations			Total Ops	Total Tracon Ops	Based Aircraft
	Air Carrier	Commuter	Total	Air Carrier	Air Taxi & Commuter	GA	Military	Total	Civil	Military	Total			
2050*	5,418,044	1,588,253	7,006,297	139,491	14,704	22,624	337	177,156	30	0	30	177,186	432,095	89