

Appendix C

Forecast Summary & FAA Approval Letter



Table C-1 (1 of 2): Federal Aviation Administration Forecast Summary

BASE YEAR	BASE YEAR LEVEL	A. FORECAST LEVELS AND GROWTH RATES				AVERAGE ANNUAL COMPOUND GROWTH RATES				
		BASE YEAR + 1	BASE YEAR + 5	BASE YEAR + 10	BASE YEAR + 20	BASE YEAR + 1	BASE YEAR + 5	BASE YEAR + 10	BASE YEAR + 20	
		YEAR	YEARS	YEARS	YEARS	YEAR	YEARS	YEARS	YEARS	
2015	2015	2016	2020	2025	2035	2016	2020	2025	2035	
Passenger Enplanements										
Air Carrier	85,537	90,347	99,362	92,743	108,437	5.62%	3.04%	0.81%	1.19%	
Commuter ^{1/}	277,265	300,688	333,956	392,963	472,037	8.45%	3.79%	3.55%	2.70%	
Total Enplanements	362,802	391,035	433,318	485,707	580,474	7.78%	3.62%	2.96%	2.38%	
Operations										
Itinerant										
Air Carrier (incl. Air Cargo)	19,380	20,656	22,910	23,816	25,745	6.58%	3.40%	2.08%	1.43%	
Commuter/Air Taxi	4,880	5,370	5,956	6,191	6,693	10.03%	4.06%	2.41%	1.59%	
Total Commercial Operations	24,260	26,025	28,866	30,007	32,438	7.28%	3.54%	2.15%	1.46%	
General Aviation	24,320	26,025	25,814	27,401	30,873	1.20%	1.20%	1.20%	1.20%	
Military	676	676	676	676	676	0.00%	0.00%	0.00%	0.00%	
Local										
General Aviation	4,292	4,343	4,556	4,836	5,448	1.20%	1.20%	1.20%	1.20%	
Military	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	
Total Operations	53,548	55,657	59,912	62,920	69,435	3.94%	2.27%	1.63%	1.31%	
Instrument Operations	53,548	55,657	59,912	62,920	69,435	3.94%	2.27%	1.63%	1.31%	
Peak Hour Operations	19	19	20	21	25	0.00%	1.03%	1.01%	1.38%	

Table C-1 (2 of 2): Federal Aviation Administration Forecast Summary (Part 2)

BASE YEAR 2015	A. FORECAST LEVELS AND GROWTH RATES					AVERAGE ANNUAL COMPOUND GROWTH RATES			
	BASE YEAR LEVEL 2015	BASE YEAR + 1 YEAR 2016	BASE YEAR + 5 YEARS 2020	BASE YEAR + 10 YEARS 2025	BASE YEAR + 20 YEARS 2035	BASE YEAR + 1 YEAR 2016	BASE YEAR + 5 YEARS 2020	BASE YEAR + 10 YEARS 2025	BASE YEAR + 20 YEARS 2035
	Cargo								
Cargo/mail (lbs) ^{2/}	968,408	1,001,427	1,134,451	1,307,603	1,656,479	3.41%	3.22%	3.05%	2.72%
Based Aircraft									
Single Engine (Nonjet)	42	N/A	43	44	47	N/A	0.47%	0.47%	0.56%
Multi Engine (Nonjet)	11	N/A	14	16	23	N/A	4.94%	3.82%	3.76%
Jet Engine	4	N/A	5	6	8	N/A	4.56%	4.14%	3.53%
Helicopter	1	N/A	1	1	1	N/A	0.00%	0.00%	0.00%
Other	0	N/A	0	0	0	N/A	0.00%	0.00%	0.00%
Total	58	N/A	63	67	79	N/A	1.67%	1.45%	1.56%
B. OPERATIONAL FACTORS									
Average aircraft size (seats)									
Air Carrier	90	90	89	89	93				
Commuter	37	37	36	36	36				
Average enplaning load factor									
Air Carrier	76%	76%	77%	78%	78%				
Commuter	76%	76%	77%	78%	78%				
General aviation operations per based aircraft	493	N/A	482	481	460				

NOTES:

Figures presented in calendar year.

1/ Commuter as defined by FAA. Commuter operations include takeoff and landings by aircraft with 60 or fewer seats that transport regional passengers on scheduled commercial flights.

2/ Cargo/mail in total pounds (all-cargo carrier enplaned and deplaned).

SOURCES: Federal Aviation Administration (Template); U.S. Department of Transportation, Form T-100, June 2016; U.S. Department of Transportation, DB1B Survey, June 2016; Federal Aviation Administration, May 2016; Ricondo & Associates, Inc., June 2016 (Forecast).

PREPARED BY: Ricondo & Associates, Inc., June 2016.



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

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August 24, 2016

Mr. Shane Ingolia
Senior Consultant
200 East Robinson Street
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Orlando, FL 32801

RE: Key West International Airport, Key West, Florida
Approval of Master Plan Forecast

The Airport Master Plan forecast, transmitted by your July 15, 2016 letter, is within 10 percent of the Federal Aviation Administration (FAA) Terminal Area Forecast (TAF). Therefore, we concur with its use in the remainder of your current master planning efforts.

Sincerely,

A handwritten signature in blue ink, appearing to read "Pedro J. Blanco".

Pedro J. Blanco
Program Manager / Airport Planner

cc: Don DeGraw, Monroe County Department of Airports
Pete Ricondo, Ricondo & Associates, Inc.