



MEMORANDUM

TO: Laurel Driver/US EPA

FROM: Roger Chang, Jennifer Sellers, Heather Perez, and Richard Billings/ERG

DATE: June 17, 2013

SUBJECT: Development of 2011 Aircraft Component for National Emissions Inventory

1.0 Introduction

The U.S. Environmental Protection Agency (EPA), issued Work Assignment (WA) 2-04, “Improving C1/C2 Commercial Marine Activity and Emission Estimates” under EPA Contract Number EPA-EP-D-11-006, to Eastern Research Group, Inc. (ERG) to support the development of the 2011 commercial marine vessel and aircraft components of the National Emission Inventory (NEI). This report documents procedures used for the aviation component of WA 2-04 and is a deliverable under WA 3-01 “Mobile Source Emission Inventory Development FY13”.

2.0 Compilation of Activity Data

ERG compiled 2011 landing and takeoff (LTO) data from T-100 aircraft dataset for aircraft specific commercial air traffic and air taxis data, and terminal area forecast (TAF) and Air Traffic Activity Data System (ATADS) for generic commercial and military traffic data. Office of Transportation and Air Quality (OTAQ) provided 5010, TAF, and ATADS LTO data for piston engine and jet aircraft associated with general aviation and air taxis. Documentation of OTAQ’s approach for developing their activity data set is provided in Appendix A.

Because NEI focuses on airports as point sources, aircraft emissions are needed for the approach, landing, taxiing, idling, take off and climb-out; typical modes in a landing and take-off cycle (LTO). For this reason the required activity data are LTOs. The LTO data are general available in two formats, 1) aircraft specific data typically obtained from the T-100 data which can be applied to the FAA’s Emissions and Dispersion Modeling System (EDMS) and 2) generic aircraft type (i.e., air carriers, air taxis, general aviation and military aircraft) operational data (i.e., landings and takeoffs which must be summed and divided by two to be equivalent with an LTO cycle) that can be applied to EPA aircraft type (i.e., commercial, air taxis, general aviation and military) emission factors and speciation profiles.

The T-100 aircraft specific data were identified as either commercial air carrier or air taxi aircraft based on the passenger capacity of the aircraft. The air carrier and air taxi LTOs were summed by aircraft type for each airport and compared to the commercial and air taxi data from TAF and ATADS. Note that the quality of the ATADS data is considered to be better than the

TAF data as it is derived from activity reports from FAA towered facilities. For this reason, LTO data for ATADS airports replaced any duplicate TAF data.

If the TAF/ATADS LTO value was greater than the T-100 value for a specific aircraft type and airport, then the T-100 value was subtracted from the TAF/ATADS value. If the T-100 value was greater than or equal to the TAF value, then the TAF value was set to zero. Note the data source of the LTO data used for the 2011 aircraft LTO data set and adjustments are presented in the Table 1 provided below:

Table 1. NEI 2011 LTO Activity Corrections/Adjustments

Aircraft Type	Data sources				Required Adjustment		
	ATADS	TAF	T100	OTAQ			
Air Carrier	✓	✓	✓		Replace TAF w/ ATADS where possible	If ATADS/TAF > T100, use T100 with EDMS and subtract T100 from ATADS/TAF and use generic approach	If ATADS/TAF <= T100, use T100 with EDMS, and set ATADS/TAF to zero
Military	✓	✓			Replace TAF w/ ATADS where possible	Add military LTOs to data set	
Air Taxi			✓	✓	ATADS/TAF replacement already implemented by OTAQ	If OTAQ > T100, use = T100 with EDMS and subtract T100 from OTAQ and use generic approach	If OTAQ <= T100, use T100 with EDMS and set OTAQ to zero0
General Aviation				✓	ATADS/TAF already implemented by OTAQ data	Use OTAQ, no adjustment	

The data was compiled into a user friendly database for EPA review. Airports or aircraft engine configurations added since 2008 were clearly identified as then needed to be added to the EPA's Emission Inventory System (EIS).

The national LTO data were posted for states to review. Instructions that delineate the review process were included with the posted data and are provided in Appendix B. State/local/tribal agencies provided local LTO data as deletions, additions or changes to the national LTO data for their jurisdiction. State/local/tribal agency submitted data were evaluated and if appropriate, were pulled into the national LTO data file.

Table 2 lists the state/local/tribal agencies that provided data or comments.

Table 2. Agencies That Provided Activity Data or Commented on Data

State	Affiliation
CA	Planning & Evaluation Division, Ventura County APCD
CT	Technical Services Group, Bureau of Air Management, Connecticut Department of Energy and Environmental Protection
GA	Air Branch, Planning & Support GA Environmental Protection Division
KS	Air Inventory Modeling Unit, Kansas Department of Health & Environment
MD	Maryland Department of the Environment
NH	New Hampshire Department of Environmental Services
NJ	NJ Department of Environmental Protection
NV	Air Quality Management Division, Washoe County Health District
VA	Virginia Dept of Environmental Quality
VT	Vermont Air Pollution Control Division
WA	Air Quality Program, Department of Ecology
WI	Regional Pollutant and Mobile Sources Section, Bureau of Air Management, Wisconsin Department of Natural Resources

Appendix C includes the detailed LTO data submitted by states.

The final LTO database with state data incorporated was then compared to the LTO data in the 2008 inventory. Table 3 summarizes the LTO comparison.

Table 3. 2008 and 2011 LTO Comparison

SCC	SCC Description	2008 LTO	2011 LTO	Percent Difference
2275001000	Aircraft/Military	2,456,334	2,638,781	7.43%
2275020000	Aircraft/Commercial	9,311,618	8,414,082	-9.64%
2275050011	Aircraft /General Aviation /Piston	31,933,200	30,092,114	-5.77%
2275050012	Aircraft /General Aviation /Turbine	11,760,959	10,892,174	-7.39%
2275060011	Aircraft /Air Taxi /Piston	1,272,953	1,766,409	38.76%
2275060012	Aircraft /Air Taxi /Turbine	4,008,681	5,021,939	25.28%
Total		60,743,746	58,825,499	-3.16%

3.0 Emission Estimating Procedures

Prior to implementing the emission calculations, ERG quality checked the input data to ensure that they were correctly compiled and reasonable. Once the LTO data had been finalized, the aircraft specific data were run in EDMS to estimate criteria, greenhouse gas (GHG) and

hazardous air pollutant (HAP) emission from aircraft engine exhaust, auxiliary power units, and ground support equipment. Where aircraft-specific data were not available, aircraft type LTO data were applied to generic profiles which were developed in WA 5-07 and reviewed by OTAQ staff. The generic aircraft type emission factors used in this inventory are provided in Appendix D.

The emission estimates were quality checked to ensure that they have been calculated correctly and the results are reasonable. It is important to note that the emission factors for some of the pollutants were updated between the 2008 and 2011 inventories, which explain some of the larger differences. Table 4 summarizes the emission comparison.

Table 4. 2008 and 2011 Emissions Comparison

Pollutant Name	2008 Emissions (Ton)	2011 Emissions (Ton)	Percent Difference
Carbon Dioxide		29,944,090.82	
Carbon Monoxide	496,887.90	491,012.22	-1.18%
Nitrogen Oxides	122,801.19	123,614.15	0.66%
PM10 Primary (Filt + Cond)	9,488.70	9,196.61	-3.08%
PM2.5 Primary (Filt + Cond)	3,464.61	7,899.43	128.00%
Sulfur Dioxide	12,050.78	14,660.55	21.66%
Volatile Organic Compounds	27,754.66	31,788.14	14.53%
1,3-Butadiene	330.20	443.83	34.41%
1-Methylnaphthalene	43.19	59.26	37.20%
2,2,4-Trimethylpentane	56.90	36.68	-35.53%
2-Methylnaphthalene	36.02	49.43	37.20%
Acenaphthene	0.52	2.85	443.16%
Acenaphthylene	2.96	16.06	443.16%
Acetaldehyde	794.02	1,081.82	36.25%
Acrolein	160.52	602.64	275.44%
Anthracene	0.61	3.31	442.48%
Benz[a]Anthracene	0.073	0.39	438.21%
Benzene	486.79	573.11	17.73%
Benzo[a]Pyrene	0.072	0.39	439.65%
Benzo[b]Fluoranthene	0.087	0.47	438.20%
Benzo[g,h,i]Perylene	0.19	1.01	443.11%
Benzo[k]Fluoranthene	0.087	0.47	438.20%
Chrysene	0.073	0.39	438.22%
Cumene	0.19	0.72	270.36%
Dibenzo[a,h]Anthracene		0.00069	
Ethyl Benzene	56.79	100.92	77.71%
Fluoranthene	0.66	3.55	440.96%
Fluorene	1.08	5.89	443.16%
Formaldehyde	2,322.09	3,155.72	35.90%

Table 4. 2008 and 2011 Emissions Comparison

Pollutant Name	2008 Emissions (Ton)	2011 Emissions (Ton)	Percent Difference
Hexane	21.68	20.68	-4.61%
Indeno[1,2,3-c,d]Pyrene	0.058	0.31	435.15%
Lead	254.45	244.78	-3.80%
Methane	120.42	124.56	3.44%
Methanol	116.94	433.09	270.36%
m-Xylene	98.16	110.39	12.47%
Naphthalene	116.43	455.69	291.38%
o-Xylene	53.97	61.08	13.16%
Phenanthrene	1.84	9.92	439.66%
Phenol	47.03	175.61	273.37%
Propionaldehyde	140.55	188.50	34.12%
Pyrene	0.89	4.84	441.19%
Styrene	65.71	86.56	31.75%
Toluene	541.22	530.15	-2.04%
Xylenes (Mixed Isomers)	211.47	173.08	-18.15%

4.0 Emission Data Formatting

A dataset of the emissions estimates were provided to the EPA WAM and OTAQ for review. A final dataset that incorporates any changes recommended by the EPA WAM or OTAQ staff was compiled and provided to the WAM for inclusion into EIS staging tables.

5.0 Emission Summary

Table 5 summarizes the total annual emissions from airports. More detailed emissions data, which include SCCs, are provided in Appendix E.

Table 5. Total Annual Emissions from Airports

Pollutant Name	Pollutant Code	Emissions (Ton)
Carbon Dioxide	CO ₂	29,944,090.82
Carbon Monoxide	CO	491,012.22
PM ₁₀ Primary (Filt + Cond)	PM ₁₀ -PRI	9,196.61
PM _{2.5} Primary (Filt + Cond)	PM ₂₅ -PRI	7,899.43
Nitrogen Oxides	NO _x	123,614.15
Sulfur Dioxide	SO ₂	14,660.55
Volatile Organic Compounds	VOC	31,788.14
1,3-Butadiene	106990	443.83
1-Methylnaphthalene	90120	59.26
2,2,4-Trimethylpentane	540841	36.68

Table 5. Total Annual Emissions from Airports

Pollutant Name	Pollutant Code	Emissions (Ton)
2-Methylnaphthalene	91576	49.43
Acenaphthene	83329	2.85
Acenaphthylene	208968	16.06
Acetaldehyde	75070	1,081.82
Acrolein	107028	602.64
Anthracene	120127	3.31
Benz[a]Anthracene	56553	0.39
Benzene	71432	573.11
Benzo[a]Pyrene	50328	0.39
Benzo[b]Fluoranthene	205992	0.47
Benzo[g,h,i,]Perylene	191242	1.01
Benzo[k]Fluoranthene	207089	0.47
Chrysene	218019	0.39
Cumene	98828	0.72
Dibenzo[a,h]Anthracene	53703	0.00069
Ethyl Benzene	100414	100.92
Fluoranthene	206440	3.55
Fluorene	86737	5.89
Formaldehyde	50000	3,155.72
Hexane	110543	20.68
Indeno[1,2,3-c,d]Pyrene	193395	0.31
Lead	7439921	244.78
Methane	CH4	124.56
Methanol	67561	433.09
m-Xylene	108383	110.39
Naphthalene	91203	455.69
o-Xylene	95476	61.08
Phenanthrene	85018	9.92
Phenol	108952	175.61
Propionaldehyde	123386	188.50
Pyrene	129000	4.84
Styrene	100425	86.56
Toluene	108883	530.15
Xylenes (Mixed Isomers)	1330207	173.08

**Appendix A - Documentation of Calculating Piston-Engine Aircraft Activity for the Draft 2011
National Emissions Inventory**

Calculating Piston-Engine Aircraft Activity for the Draft 2011 National Emissions Inventory

June 2012

Section 1. Introduction

The main purpose of this document is to describe the methods the Environmental Protection Agency (EPA) used to calculate airport piston-engine activity inventories for the draft 2011 National Emissions Inventory (NEI).¹ These methods focus on the development of approaches to estimate piston-engine aircraft activity at airports in the U.S. since the activity of this fleet is reported to the Federal Aviation Administration (FAA) as general aviation (GA) or air taxi (AT) activity – categories that also include jet-engine aircraft activity. The methods described here are largely the same as those used to construct the 2008 NEI.

Background information regarding the use of leaded aviation gasoline (avgas) in piston-engine powered aircraft is available in other documents.^{2,3} Briefly, most piston-engine aircraft operations fall into the categories of either GA or AT. Aircraft used in GA and AT activities include a diverse set of aircraft types and engine models and are used in a wide variety of applications.⁴ Lead emissions associated with GA and AT aircraft stem from the use of one hundred octane low lead (100LL) avgas. The lead is added to the fuel in the form of tetraethyl lead (TEL). This lead additive helps boost fuel octane, prevent engine knock, and prevent valve seat recession and subsequent loss of compression for engines without hardened valves. Today, 100LL is the most commonly available type of aviation gasoline in the United States.⁵ Lead is not added to jet fuel that is used in commercial aircraft, most military aircraft, or other turbine-engine powered aircraft.

This document is organized into five sections. Section 2 describes the landing and takeoff data we use to calculate airport-specific activity. Section 3 describes how we estimate landing and takeoff data for the airport facilities that do not report it to the FAA. Section 4 describes the estimate of landing and takeoff activity occurring at heliports in the U.S. and Section 5 describes the data we use to calculate the number of landings and takeoffs that are conducted by piston-engine aircraft.

¹ In this document ‘draft 2011 NEI’ refers to the draft 2011 NEI data, available at:
<http://www.epa.gov/ttn/chief/net/2011inventory.html>

² EPA (2007) Review of the National Ambient Air Quality Standards for Lead: Policy Assessment of Scientific and Technical Information. OAQPS Staff Paper. EPA-452/R-07-013 November 2007. pp 2-8 and 2-9.

³ FAA William J. Hughes Technical Center http://www.tc.faa.gov/act4/insidethefence/2006/0609_06_AvFuels.htm

⁴ Commercial aircraft include those used for scheduled service transporting passengers, freight, or both. Air taxis fly scheduled and for-hire service carrying passengers, freight or both, but they usually are smaller aircraft than those operated by commercial air carriers. General aviation includes most other aircraft (fixed and rotary wing) used for personal transportation, business, instructional flying, and aerial application.

⁵ ChevronTexaco (2005) Aviation Fuels Technical Review. FTR-3.
http://www.chevronglobalaviation.com/docs/aviation_tech_review.pdf

Section 2. Landing and Takeoff Data Sources and Uses

Airport-specific inventories require information regarding landing and takeoff (LTO) activity by aircraft type.⁶ According to FAA records, there are approximately 20,000 airport facilities in the U.S., the vast majority of which are expected to have activity by piston-engine aircraft that operate on leaded avgas.

FAA's Office of Air Traffic provides a complete listing of operational airport facilities in the National Airspace System Resources (NASR) database. The electronic NASR data report, referred to here as the 5010 airport data report, can be generated from the NASR database and is available for download from the FAA website.⁷ This report is updated every 56 days. EPA obtains airport information (including operations) for a subset of the facilities in the NASR database from FAA's Terminal Area Forecast (TAF) database that is prepared by FAA's Office of Aviation Policy and Plans.⁸ The TAF database currently includes information for airports in FAA's National Plan of Integrated Airport Systems (NPIAS), which identifies airports that are significant to national air transportation. Approximately 500 of the airports that are in the TAF database have either an FAA air traffic control tower or an FAA contract tower where controllers count operations. The operations data from the control towers is reported to The Operations Network (OPSNET)⁹ which is publically available in the Air Traffic Activity System (ATADS) database.¹⁰ The operations data for the towered airports that is reported in OPSNET and ATADS is then reported to the TAF database. The operations data for the airports in the TAF database that do not have control towers represent estimates.¹¹ The operations supplied in the 5010 airport data report for facilities not reported in the TAF may be self-reported by airport operators through data collection accomplished by airport inspectors who work for the State Aviation Agency, or operations data can be obtained through other means.¹²

The 5010 airport data report supplies the date that the associated operations data represents.¹³ Because airports that are not in the TAF database submit data voluntarily to FAA for the 5010 data report, many of the airports have operations data that represent data for years earlier than 2011. Nationally, piston-engine operations have decreased in recent years,¹⁴

⁶ An aircraft operation is defined as any landing or takeoff event, therefore, to calculate LTOs, operations are divided by two. Most data sources from FAA report aircraft activity in numbers of operations which, for the purposes of calculating lead emissions using the method described in this document, need to be converted to LTO events.

⁷ http://www.faa.gov/airports_airtraffic/airports/airport_safety/airportdata_5010/

⁸ <http://aspm.faa.gov/main/taf.asp>

⁹ <http://aspm.faa.gov/opsnet/sys/>

¹⁰ <http://aspm.faa.gov/opsnet/sys/Airport.asp>

¹¹ FAA's Terminal Area Forecast Summary (Fiscal Years 2011 – 2040), Appendix A (page 28) http://www.faa.gov/about/office_org/headquarters_offices/apl/aviation_forecasts/taf_reports/media/TAF_summary_report_FY20112040.pdf

¹² In the absence of updated information from States, local authorities or Tribes, we are using the LTO data provided in the FAA database.

¹³ The 12-month ending date on which annual operations data in the report is based.

¹⁴ http://www.faa.gov/data_research/aviation_data_statistics/general_aviation/

therefore EPA did not use GA operations data from years prior to 2011 as it is reported. Instead, EPA multiplied the older GA piston-engine data (Section 5 describes the method EPA used to calculate the number of piston-engine operations from total GA and AT activity data) by scaling factors that were calculated by dividing the 2011 national amount of avgas produced by the national amount of avgas produced in the year the operations data represents.¹⁵ A table with the scaling factors is provided in Attachment A. The national volume of avgas produced data comes from the DOE, EIA website and is available for 1981 – 2011.¹⁶ For operations data older than 1981, EPA divided the 2011 national amount of avgas produced by the average of the national amount of avgas produced from 1981 – 1989. Jet engines do not use avgas, therefore EPA did not apply scaling factors to the turbine operations for data from years prior to 2011.

The 2011 draft NEI was developed using the February 7, 2012 version of the 5010 airport data report. In that version of the report there were 19,782 airport facilities in the U.S. that had submitted data to the FAA. Among these 19,782 facilities, 69 facilities were not relevant for the purposes of estimating lead emissions because they were either listed as closed (56) or they were balloonports (13).¹⁷ Therefore, lead inventories were needed for 19,714 facilities.¹⁸ In the February 7, 2012 version of the 5010 airport data report, the 2011 TAF, and 2011 ATADS data there were a total of 5,627 airport facilities for which operations data were provided (many of which are facilities in FAA's TAF database).¹⁹ There were 14,087 facilities in the 5010 airport data report and the 2011 TAF data for which there were no operations data.²⁰ Section 3 of this document describes the method EPA used to estimate operations for the 8,430 airport facilities in the draft 2011 NEI that do not have reported activity data. Section 4 describes the method EPA used to estimate operations for the 5,557 heliport facilities in the draft 2011 NEI that do not have reported activity data.²¹

As described in Section 1, most piston-engine aircraft fall into the categories of either GA or AT. Some GA and AT activity is conducted by turboprop and turbojet aircraft which do not use leaded avgas. There are no national databases that provide airport-specific LTO activity data for piston-engine aircraft separately from turbojet and turboprop aircraft. The databases described above report total GA

¹⁵ The FAA General Aviation and Air Taxi (Part 135) Activity Surveys (source of national level piston-engine operations data) are only available annually, starting in 1999. Because there are airports with operations data older than 1999, EPA used avgas product supplied data as a surrogate for piston-engine operations to estimate the change in piston-engine activity over the last three decades.

¹⁶ <http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=mgaupus1&f=A>. DOT recently changed the way they estimate fuel consumption data, so while EPA used DOT data to determine the 2011 national avgas lead inventory, for the purpose of calculating these scaling factors EPA used DOE's data in order to have historical fuel data that is calculated in a consistent manner.

¹⁷ Balloon craft do not use avgas

¹⁸ There was one facility in FAA's TAF database (72S) that was not in the 5010 Data Report, so the sum of 19,714 plus 69 is one larger than the 19,782 in the downloaded FAA 5010 Data Report.

¹⁹ Either GA Itinerant, GA Local, or Air Taxi operations data, as these operations can be performed by piston-engine aircraft.

²⁰ No GA Itinerant, GA Local, or Air Taxi operations data.

²¹ There are 100 facilities in the NPIAS report that have both 0 GA and 0 AT operations; however, EPA did not estimate operations for these 100 facilities.

and AT activity conducted by both piston-engine and jet-engine aircraft. Section 5 describes how we estimate piston-engine LTOs at airports in the draft 2011 NEI.

Section 3. Estimating LTOs at the 8,430 Airport Facilities with No LTO Data

FAA has used regression models to estimate operations at facilities where operations data are not available.^{22,23} In this work and other work, FAA identified characteristics of small towered airports for which there were statistically significant relationships with operations at these airports.²⁴ Regression models based on the airport characteristics were then used to estimate general aviation operations for a set of non-towered airports. The airport characteristics identified by FAA and used to estimate general aviation operations at small airports include: the number of aircraft based at a facility (termed ‘based aircraft’), population in the vicinity of the airport, airport regional prominence, per capita income, region, and the presence of certificated flight schools.

In the 2000 report titled ‘Model for Estimating General Aviation Operations at Non-towered Airports,’ a model of GA annual activity was developed using information from small towered airports to explain GA activity at towered and non-towered airports. The model explained GA activity at the towered airports well (R^2 of 0.75) but produced higher estimates than state-supplied estimates for non-towered airports.²⁵

The relevant data available in the 5010 airport data report for the purposes of estimating airport operations include: facility type (airport, balloonport, seaplane base, gliderport, heliport, stolport,²⁶ ultralight); number of GA aircraft based at each airport by type (glider, helicopter, jet engine, military, multi-engine, single engine, ultralight); operations data (air taxi, commercial, commuter, GA itinerant, GA local, military)²⁷; and operations date (12-month ending date on which annual operations data is based). 2010 U.S. Census data was also merged with the 5010 airport data report to give population data for each airport’s county.

Using the FAA work referenced above, we explored relationships among the airport data variables that best predicted aircraft activity (LTOs). We found that based aircraft was a highly significant and positive regressor to LTOs. Table 1 shows that for non-heliport facilities that did not have LTO data in the February 7, 2012 version of the 5010 airport data report, 6,314 had based aircraft data while 2,216

²² Federal Aviation Administration, Office of Aviation Policy and Plans, Statistics and Forecast Branch. July 2001. Model for Estimating General Aviation Operations at Non-towered Airports Using Towered and Non-towered Airport Data. Prepared by GRA, Inc.

²³ Mark Hoekstra, “Model for Estimating General Aviation Operations at Non-Towered Airports” prepared for FAA Office of Aviation Policy and Plans, April 2000.

²⁴ GRA, Inc. “Review of TAF Methods,” Final Report, prepared for FAA Office of Aviation Policy and Plans under Work Order 45, Contract No. DTFA01-93-C-00066, February 25, 1998.

²⁵ The mean absolute difference between the model operations estimate and the state operations estimate was 16,940 operations.

²⁶ Stolport is an airport designed with STOL (Short Take-Off and Landing) operations in mind, normally having a short single runway.

²⁷ As explained in footnote 6, an aircraft operation is defined as any landing or takeoff event, therefore, to calculate LTOs, operations are divided by two. The 5010 airport data report from FAA reports aircraft activity in numbers of operations which, for the purposes of calculating Pb emissions using the method described in the TSD, are converted to LTO events.

did not have based aircraft data.²⁸ Therefore, as described below, LTO estimates were derived using different methods depending on data availability.

Table 1: Contingency table describing the numbers of non-heliport facilities that have or do not have LTO data and/or based aircraft data for facilities in the February 7, 2012 version of the 5010 airport data report

		HAVE LTO DATA	
HAVE BASED AIRCRAFT DATA		YES	NO
	YES	4,807	6,314
	NO	728	2,216
		5,535	8,530
			14,065

(a) Estimating LTOs at Facilities with Based Aircraft Data, but No LTO Data:

There are 6,289 facilities in the draft 2011 NEI (not including heliports) for which the 5010 airport data report supplies the number of based aircraft²⁹ but not activity data to which the regression equation (based aircraft vs. LTOs) could be applied.³⁰ Using the 4,807 airports for which both LTO and aircraft data is known, the initial relationship found between based aircraft and LTOs was:

Equation 1:

$$\text{LTOs} = 2956 + 166 \cdot \text{aircraft}$$

$$R^2 = 0.52$$

²⁸ These numbers include data for the following types of facilities: airports, balloonports, seaplane bases, gliderports, heliports, stolports, and ultralights.

²⁹ Based aircraft for this purpose was limited to single- and multi-engine aircraft, helicopters, gliders, and ultralights since these aircraft types can use leaded avgas.

³⁰ There are 100 facilities in the NPIAS report that have both 0 GA and 0 AT operations; however, EPA did not estimate operations for these 100 facilities. 25 of the 100 facilities have based aircraft data, hence the difference between the 6,314 value in Table 1 and the 6,289 value stated in this sentence.

The FAA models found population to be another significant regressor. We used the population of the county in which the airport is located as the population variable. Adding county population to the model gave the following relationship:

Equation 2:

$$\text{LTOs} = 2706 + 156 * \text{aircraft} + 0.0025 * \text{county population} \quad R^2 = 0.53$$

EPA received numerous comments to the docket on its Advance Notice of Proposed Rulemaking on Lead Emissions from Piston-Engine Aircraft Using Leaded Aviation Gasoline³¹ indicating that aviation in Alaska is different than it is in the continental U.S. Commenters pointed out that in Alaska, 82% of communities are not accessible by road and rely on air transport for life sustaining goods and services.³² Commenters also noted that Alaskans travel by air eight times more often per capita than those in the continental U.S. For those reasons, we added a dummy variable in equation 3 to identify whether or not an airport is located in Alaska. Because the relationship between based aircraft and LTOs is likely different for Alaskan airports than it is for airports that aren't in Alaska, we also added an interaction term to equation 3 (interaction of an airport being in Alaska and its sum of based aircraft).

Equation 3:

$$\text{LTOs} = 2472 + 167 * \text{aircraft} + 0.0022 * \text{county population} - 162 * \text{Alaska} - 98 * (\text{Alaska} * \text{aircraft}) \\ R^2 = 0.55$$

After analyzing the data and plot for the data underlying equation 3, we found many airport facilities identified as commercial airports for which based aircraft was extremely low (i.e., less than 10), yet LTOs were quite high (i.e., anywhere from 100,000 to more than 200,000 LTOs/year).³³ These facilities were removed from the regression analysis. Additionally, for reasons described below, heliports were also removed from the regression. The resulting relationship was:

³¹ U.S. Environmental Protection Agency (2010) Advance Notice of Proposed Rulemaking on Lead Emissions From Piston-Engine Aircraft Using Leaded Aviation Gasoline. 75 FR 22440 (April 28, 2010).

³² Comments to the docket on EPA's Advance Notice of Proposed Rulemaking on Lead Emissions from Piston-Engine Aircraft Using Leaded Aviation Gasoline from the Alaska Air Carriers Association (dated 18 June 2010; comment number OAR-2007-0294-0323.1) and Alaska Governor Parnell (dated 25 August 2010; comment number OAR-2007-0294-0403.1).

³³ From FAA's website, "Addresses for Commercial Service Airports", available at: http://www.faa.gov/airports_airtraffic/airports/planning_capacity/passenger_allcargo_stats/addresses/media/commercial_service_airports_addresses.xls

Equation 4:

$$\text{LTOs} = 1974 + 168 * \text{aircraft} + 0.0009 * \text{county population} - 1181 * \text{Alaska} - 125 * (\text{Alaska} \times \text{aircraft})$$

$$R^2 = 0.63$$

When equation 4 was applied to the 6,289 airport facilities that report based aircraft data but not LTO activity, the resulting sum of LTOs was almost 8 million. EPA estimates that the number of LTOs at the airports that do not report activity data should approximate the number of LTOs from the bottom of the distribution of the set of airports that report activity data to the 5010 airport data report but that are not in the TAF database. The average number of GA LTOs per year from airports in the bottom 30% of the set of airports that report activity data to the 5010 airport data report but that are not in the TAF database is ~82 LTOs/year. Multiplying 82 by the number of airports that do not report activity data equals 687,045 LTOs.³⁴ Therefore, EPA used equation 4 to generate the distribution of LTOs at the individual airports that report based aircraft data but not activity data and then applied a scaling factor of 0.08 to those LTOs to obtain the LTOs that are reported in the draft 2011 NEI.³⁵ The sum of the LTOs from this set of airports plus the sum of the LTOs at the airports that do not report either based aircraft or activity data (described below in section (b)) sum to 687,045 LTOs. These LTOs are all assigned to the GA, piston-engine category since they are assigned to smaller general aviation airports that are assumed to have little to no air taxi or jet aircraft activity.

Equation 4 and the scaling factor were used to estimate LTO activity for the draft 2011 NEI at the 6,289 airport facilities that report based aircraft data but not activity data.

(b) Estimating LTOs at Facilities with Neither Based-Aircraft Data nor LTO Data:

There are 2,141 facilities (not including heliports) for which the 5010 airport data report supplies neither the number of based aircraft nor activity data. EPA investigated 100 of these facilities using on-line searches and Google Earth satellite images to ascertain whether these facilities exist and if so, whether aircraft activity appeared to be occurring. Because the majority of these facilities appeared to be active, we elected to assign 1 LTO to each facility. If EPA receives better data from state or local authorities, we will replace these estimates.

³⁴ This number is calculated by multiplying 81.5 LTOs/year by 8,430, which is the number of airports that don't report activity data (6,289 don't report activity data and 2,141 facilities don't report activity or based aircraft data).

³⁵ The scaling factor was calculated by dividing 684,904 LTOs by 8,608,829 LTOs; the 684,904 LTOs are equal to 687,045 LTOs minus 2,141 LTOs (2,141 LTOs represent the sum of LTOs assigned to the 2,141 facilities that don't report either activity data or based aircraft data - the derivation of LTO estimates for these facilities is described in Section 3 (b)). The 8,608,829 LTOs are the sum of LTOs that result from applying equation 4 to the 6,289 facilities with based aircraft data but no activity data.

Section 4. Calculating LTOs at Heliports:

There were 5,649 heliport facilities in the February 7, 2012 FAA 5010 data report that were operational. Of those, only 92 (or 2%) reported LTO data, and of those, only 29 reported both based aircraft and LTO data. Because of the limited information regarding activity at heliports, some municipalities have hired contractors to survey activity in their local area.^{36, 37}

The summary statistics for LTO data provided at the 92 operational heliports is presented in Table 2. These facilities report a wide range in activity from 1 LTO/year to more than 18,000 LTOs/year. Some facilities clearly have significant helicopter traffic (i.e., thousands of LTOs/year) which is supported by the contractor summaries of heliport activity in the Washington Metropolitan area. The little data available to us suggests that the median helicopter activity is less than 200 LTOs/year. In the absence of more information on which to base estimates of LTO activity, we assigned 51 LTOs (the median of the reported heliport LTOs) to the GA category at all of the heliports which do not report LTO data. The piston-engine fraction developed in Section 5 is applied to the 51 LTOs resulting in 18 LTOs assigned to the GA, piston-engine category and 33 assigned to the GA, turbine-engine category. This is an area of significant uncertainty in the inventory and one for which EPA is seeking information from local agencies.

Table 2: Heliport LTO Data for those Reporting LTO Data in the February 7, 2012 Version of the 5010 Airport Data Report

18,200	Maximum GA LTOs
1	Minimum GA LTOs
793	Average GA LTOs
51	Median GA LTOs
50	Mode GA LTOs

Section 5. Calculating Piston-Engine LTO

Piston-engine LTOs are used to calculate emissions of lead that are assigned to the airport facility where the aircraft operations occur. An aircraft operation is defined as any landing or takeoff event, therefore, to calculate LTOs, operations are divided by two. Most data sources from FAA report aircraft activity in numbers of operations which, for the purposes of calculating lead emissions, need to be

³⁶ Executive Summary: Regional Helicopter System Plan, Metropolitan Washington Area, prepared by Edwards and Kelcey for the Metropolitan Washington Council of Governments, 2005.

³⁷ Alaska Aviation Emission Inventory, prepared by Sierra Research, Inc. for Western Regional Air Partnership, 2005.

converted to LTO events. We describe here the method used to estimate the fraction of GA and AT LTOs at an airport that are conducted by piston-engine aircraft. These fractions are calculated separately (one fraction for GA and one for AT). These fractions are multiplied by total LTOs reported separately for GA and AT and then summed to arrive at the total LTOs conducted by piston-engine aircraft at an airport.

One use of the draft 2011 NEI is to identify airports that have inventories of 0.50 tons per year or more since this is one of the criteria for identifying airports where lead monitoring may need to be considered to evaluate compliance with the National Ambient Air Quality Standard for Lead. To calculate the most airport-specific inventories for airports that may potentially exceed 0.50 tons per year, we used a more airport-specific surrogate for this subset of airports than the remainder of the airports where we applied national default averages described below.

We used the fraction of based aircraft at an airport that are single- or multi-engine to calculate the number of GA LTOs at an airport that were conducted by piston-engine aircraft. The data regarding the population of based aircraft at an airport is available for a subset of airports in the FAA 5010 master records data report described in Section 3. For example, if an airport reports 150 single-engine aircraft, 20 multi-engine aircraft and a total of 180 aircraft based at that facility, then the fraction of based aircraft we would use as a surrogate for piston-engine aircraft is 94% $((150+20)/180)$. We then multiply the total GA LTOs for that facility by 0.94 to calculate piston-engine GA LTOs.

We evaluated this surrogate by comparing the results of using it with piston-engine aircraft operations reported for airports that supply this information in master plans, airport layout plans, noise abatement studies and/or land use compatibility plans. We could rarely find data from the same year for comparison purposes; however, for the majority of airports, based aircraft and actual observed piston-engine aircraft activity agreed within ten percent.³⁸

For the majority of airports in the draft 2011 NEI we used national average fractions of GA and AT LTOs conducted by piston-engine aircraft that were derived using FAA's General Aviation and Part 135³⁹ Activity Surveys – CY 2010 (GAATA).⁴⁰ Table 2.4 in the 2010 GAATA Survey reports that approximately sixty-six percent (66%) of all GA and AT LTOs are from piston-engine aircraft which use avgas, and about thirty-four percent (34%) are turboprop and turbojet powered which use jet fuel, such as

³⁸ Documents used to evaluate the use of based aircraft include the following:
Airport Master Plan Update Prescott Municipal Airport (Ernest A Love Field) (2009) Available at: www.cityofprescott.net/_d/amp_tablecontents.pdf
Gillespie field Airport Layout Plan Update Narrative Report (2005) Available at: www.co.san-diego.ca.us/dpw/airports/powerpoints/pdalp.pdf
Land Use Compatibility Plan for the Grand Forks International Airport (2006) Available at: www.gfkairport.com/authority/pdf/land_use.pdf

McClellan-Palomar Land Use Compatibility Plan (Amended March 4, 2010) Available at: www.ci.oceanside.ca.us/.../McClellan-Palomar_ALUCP_03-4-10_amendment.pdf

³⁹ On-demand (air taxi) and commuter operations not covered by Part 121

⁴⁰ The FAA GAATA is a database collected from surveys of pilots flying aircraft used for general aviation and air taxi activity. For more information on the 2010 GAATA, see Appendix A at http://www.faa.gov/data_research/aviation_data_statistics/general_aviation/CY2010/

Jet A. The LTO data in Table 2.4 in the 2010 GAATA Survey does not distinguish LTOs as GA or AT, and thus does not allow us derive separate piston-engine activity fractions for GA and AT.

We are using the number of hours flown by piston versus turboprop or turbojet aircraft (reported in Table 1.4 in the 2010 GAATA Survey) to allow us to make separate estimates of the fraction of GA activity conducted by piston aircraft and the fraction of AT activity conducted by piston aircraft. We chose to use the fraction of hours flown by piston-engine aircraft as a surrogate to calculate the fraction of LTOs flown by piston aircraft since the overall (i.e., for GA and AT combined) piston percent of hours flown (65.8%) is very close to the percent of LTOs that are piston (65.7%). Table 1.4 of the 2010 GAATA presents the total hours flown by aircraft type and separates GA from AT. Seventy-two percent (72%) of all GA hours flown are by piston-engine aircraft while twenty-eight percent (28%) of all GA hours flown are by turboprop and turbojet powered aircraft.⁴¹ Twenty-two percent (22%) of all AT hours flown are by piston-engine aircraft while seventy-eight percent (78%) of all AT hours flown are by turboprop and turbojet powered aircraft. Approximately 5,000 of the total 20,000 airport facilities in the U.S. are heliports at which only helicopters (rotocraft) operate. Therefore, EPA also calculated the percent of rotocraft hours flown that are conducted by piston-engine aircraft. Thirty-six percent (36%) of all GA rotocraft hours flown are by piston-engine rotocraft while sixty-four percent (64%) of all GA rotocraft hours flown are by turboprop and turbojet powered rotocraft. Two percent (2%) of all AT rotocraft hours flown are by piston-engine rotocraft while ninety-eight percent (98%) of all AT rotocraft hours flown are by turboprop and turbojet powered rotocraft. Table 3 identifies the piston and turbine fractions that were used in the absence of airport-specific information to calculate piston-engine operations at airports and heliports in the draft 2011 NEI.

Table 3: Piston and Turbine Activity Fractions used in the draft 2011 NEI

	Airports		Heliports	
	GA	AT	GA	AT
Piston Powered	72.1%	21.8%	35.8%	2%
Turbine Powered	27.9%	78.2%	64.2%	98%

For additional information or if you have questions regarding the methods described in this document, please contact Meredith Pedde (pedde.meredith@epa.gov) or Marion Hoyer (hoyer.marion@epa.gov).

⁴¹ Numbers in the text may not add to 100% due to rounding; the percentages in Table 3 are the values we used to calculate the draft 2011 NEI.

Attachment A

Table A-1: Scaling factors

Year	U.S. Product Supplied of Aviation Gasoline	Ratio of 2011 to
Before 1981 ⁴³		0.55
1981	11,147	0.48
1982	9,307	0.58
1983	9,444	0.57
1984	8,692	0.62
1985	9,969	0.54
1986	11,673	0.46
1987	9,041	0.59
1988	9,705	0.55
1989	9,427	0.57
1990	8,910	0.60
1991	8,265	0.65
1992	8,133	0.66
1993	7,606	0.70
1994	7,555	0.71
1995	7,841	0.68
1996	7,400	0.72
1997	7,864	0.68
1998	7,032	0.76
1999	7,760	0.69
2000	7,188	0.75
2001	6,921	0.77
2002	6,682	0.80
2003	5,987	0.90
2004	6,189	0.87
2005	7,006	0.77
2006	6,626	0.81
2007	6,258	0.86
2008	5,603	0.96
2009	5,261	1.02
2010	5,358	1.00
2011	5,362	1.00

⁴² Data from the Energy Information Administration's (EIA's) table, "U.S. Product Supplied of Aviation Gasoline (Thousand Barrels)." Available at: <http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=mgaupus1&f=A> Accessed March 28, 2012.

⁴³ EIA does not have data for volumes of avgas product supplied for years earlier than 1981. To calculate the scaling factor to use for activity data from years before 1981, we used the ratio of 2011 avgas volume product supplied to the average avgas volume supplied from 1981 to 1989.

Appendix B - Instructions for State Review

2011 Aircraft LTO Data Processing for the National Emission Inventory

Purpose

To assist state, local, and tribal agencies in their submittal of aircraft-related activity data, EPA has compiled the aircraft landing and takeoff (LTO) data from several Federal Aviation Administration (FAA) data sources including the following: T-100 dataset, Terminal Area Forecast (TAF) data, Air Traffic Activity Data Systems (ATADS) data, and Airport Master Record (form 5010) data. These data are available for review and revision by agencies in order to accurately estimate activity data for all aircraft types. These compiled data, including local revisions, will be used to calculate the 2011 National Emission Inventory (NEI) aviation emissions.

Please note that by reviewing and correcting the LTO data in this dataset you will NOT need to submit an airport emissions file to EIS. If you send the revisions back to EPA now, EPA will perform the processing tasks required, such as matching EIS facility, unit, and process IDs for the airports, as well submitting the emissions inventory to the EIS Gateway. This will be the easiest way for agencies to submit local data into EIS; those who choose not to participate in this data gathering process, but still want local emissions data included in EIS, will be required to prepare their data to meet all EIS input requirements and submit it themselves.

Background

The T-100 data is derived from commercial aviation operations, reported directly by the airlines and specifically includes very detailed information about large commercial air carriers and air taxis. Because the T-100 aircraft data are provided for individual aircraft specifying manufacturer and aircraft model, they can be matched to specific aircraft in the FAA's Emission Dispersion and Modeling Systems (EDMS) which is a computer tool used to estimate emissions. Because of the details provided in T-100, it is also possible to identify which aircraft are typically used for air taxi services based on typical passenger capacity. All non-air taxi data in the T-100 data are assumed to be larger commercial aircraft.

The FAA's TAF and ATADS datasets do not provide operations data at the aircraft manufacturer and model level of detail that the T-100 data does; instead, operations are provided for general aircraft types (i.e., air carriers, air taxis, general aviation and military). ATADS includes actual operations at FAA controlled facilities, while TAF includes the ATADS data and also modeled operations for other non-FAA control facilities. Note that the TAF and ATADS data are provided as operations (separate operation counts for each landing and takeoff leg), such that the TAF and ATADS operations need to be divided by 2 to get LTOs.

Because both the T-100 data and the TAF/ATADS data reported by the airports include commercial air carriers and air taxis, the data needs to be adjusted to avoid issues of double counting when the two datasets are combined. This adjustment is done by summing up the air taxi and large commercial aircraft LTOs reported in the T-100 data for each airport and comparing these values to the commercial and air taxi data from TAF and ATADS at the same airport. Priority is given to maintaining T-100 data due to its higher specificity as follows:

- If the TAF/ATADS LTO value is greater than the T-100 value for a specific aircraft type and airport, then the T-100 value was subtracted from the TAF/ATADS value. e.g., T-100 reports 1000 LTO for Airport1, whereas TAF reports 2000. The database will include 1000 LTO from T-100 and 1000 LTO from TAF.
- If the T-100 value was greater than or equal to the TAF value, then the TAF value was set to zero. e.g., T-100 reports 2000 LTO for Airport2 and TAF reports 1000. The database will include 2000 LTO from T-100 and 0 from TAF.

The 5010 forms used for airport infrastructure planning include a variety of information about airport operations and characteristics. Such information is particularly important for smaller facilities where data sources are sparse. EPA reviewed the data reported in the 5010 submittals to estimate LTO activity for general aviation and air taxis. These data were compared to the TAF/ATADS data and adjusted for double counting using a similar approach to that used to adjust the T-100 and TAF/ATADS data. The TAF/ATADS data was considered to be of higher quality than the 5010 data and was given priority in the adjustment, as the T-100 was prioritized in the T-100 with TAF/ATADS adjustment.

Reviewing/Revising Data

EPA's compiled LTO data are available for state/local/tribal (SLT) agency review. The data are presented as a Microsoft Access database. The database includes two drop-down menus: one for selecting data by state and one for selecting data by tribal code. Once the state/tribe has been selected, users have the option of viewing the data in Access (this is a Read-Only and for review ONLY) or exporting the data to a Microsoft Excel spreadsheet for further review and revisions.

Please note that to export the data to Excel, the user will first need to create a folder on the C drive of their computer called "2011 NEI LTO Review" (C:\2011 NEI LTO Review). The exported Excel file(s) will be generated in this folder. Revisions should be made in the Excel file as described below to facilitate EPA processing and avoid errors:

- **Revising Data:** Existing LTO data can be corrected by adding the new data value to the "Revised LTO" column and marking it as a "Revision" in the "Revisions Comment" field.

- Removing Data: Please do not delete any rows in the Excel spreadsheet. If you want to remove LTO data, simply change the "Revised LTO" column to 0 and mark it as a "Revision" in the "Revisions Comment" field.
- Adding Data: Rows can be added to account for new aircraft or engine type combination. Please make sure that the airport, aircraft, and engine combination does not already exist in the dataset before adding new rows, as adding an existing combination may cause double counting. When adding a row, fill in all other fields when possible, including the EISFacilitySiteIdentifier where possible. Also, you may leave the "PrimaryKey" and the "EPA LTO" fields blank, as these fields are for internal record keeping.
- EPA will assume a default taxi in time of 7 minutes and a default taxi out time of 19 minutes. If states want to revise the taxi in or out time for specific airports please add the correct times in revised taxi in time and revised taxi out time columns.
- Please note there are some airports in the dataset with limited information pertaining to the airport name, county FIPs, and addresses. This is indicated by the word "Placeholder:" at the beginning of the airport name. Please add additional information if possible.

See Figures 1, 2, 3, and 4 for examples on how to correctly submit these revisions. Please note that some EIS-required fields (i.e., EISEmissionsUnitIdentifier and EISEmissionsProcessIdentifier) are not included in the database. These fields were removed to simplify the data revision process and will be added by EPA. The EISFacilitySiteIdentifier, which is unique, is included, however, to avoid errors resulting from duplication of the more common three digit alphanumeric airport code, FacilitySiteIdentifier. (Note that the FacilitySiteIdentifier indicated may be one of many alternate ones for a given airport). Some airports in the database currently do not have an EISFacilitySiteIdentifier; EPA will add these during processing. If your airport is not included in this database (either with or without an EISFacilitySiteIdentifier) please add the airport and be prepared to provide the airport's street address, city, state, zip, and latitude/longitude coordinates. If the airport had "Placeholder:" at the beginning of the airport name please also provide the airport's street address, city, state, zip, and latitude/longitude coordinates.

The AircraftEngineTypeCodes are available under the Reporting Code Tables link in the EIS gateway.

Submitting Data to EPA

States must submit their changes by October 15 to this email address managed by EPA's contractor Eastern Research Group (ERG): NEI-2011LTO@ERG.com. If no changes are

required, you may indicate that you accept EPA's estimates via an EIS support request (as you would for any category of data for which you accept EPA estimates), or by sending an email indicating acceptance to the above address. Note this email account has a 10 MB limit. If a state submittal is larger than 10 MB, a message can be left at this e-mail address requesting data transfer using a secure FTP site. A representative from ERG will respond to this request with instructions how to access the FTP site.

EPA will review the state-submitted data to ensure that it is appropriate and reasonable. Once the LTO data have been finalized, then the aircraft specific LTO data will be run using the latest version of EDMS to estimate criteria and HAP emissions for aircraft engine exhaust, auxiliary power units, and ground support equipment. The remaining aircraft type data will be applied to generic emission factors.

If you need assistance, contact Laurel Driver at 919.541.2859 or driver.laurel@epa.gov.

Note EPA strongly encourages agencies to review and, if necessary, submit their LTO data to the EPA via this review process. In doing so, then states need not submit EIS staging tables for the 2011 NEI.

Figure 1. Exported Data from Access Database for Review (no changes)

Primary Key	State And County FIPS Code	Tribal Code	Airport	City	State	FacilitySite Identifier	EISFacility Site Identifier	Source Classification Code	Process Description	Aircraft Engine TypeCode	EPA_LTO	Revised_LTO	Revised_Taxi_In_ (default_7_min)	Revised_Taxi_Out_ (default_19_min)	Revision Comment
1	37001		Example Airport	Durham	NC	AAA	10000000	2275050011	Aircraft /General Aviation /Piston	999903	100				
2	37001		Example Airport	Durham	NC	AAA	10000000	2275020000	Aircraft/Commercial	1412	150				

Figure 2. Example of a revision to an existing record

Primary Key	State And County FIPS Code	Tribal Code	Airport	City	State	FacilitySite Identifier	EISFacility Site Identifier	Source Classification Code	Process Description	Aircraft Engine TypeCode	EPA_LTO	Revised_LTO	Revised_Taxi_In_ (default_7_min)	Revised_Taxi_Out_ (default_19_min)	Revision Comment
1	37001		Example Airport	Durham	NC	AAA	10000000	2275050011	Aircraft /General Aviation /Piston	999903	100	82		12	Revision

Figure 3. Example of a deletion of an existing record

Primary Key	State And County FIPS Code	Tribal Code	Airport	City	State	FacilitySite Identifier	EISFacility Site Identifier	Source Classification Code	Process Description	Aircraft Engine TypeCode	EPA_LTO	Revised_LTO	Revised_Taxi_In_ (default_7_min)	Revised_Taxi_Out_ (default_19_min)	Revision Comment
2	37001		Example Airport	Durham	NC	AAA	10000000	2275020000	Aircraft/Commercial	1412	150	0			Revision

Figure 4. Example of additions to the existing dataset

Primary Key	StateAnd County FIPSCode	Tribal Code	Airport	City	State	FacilitySite Identifier	EISFacility Site Identifier	Source Classification Code	Process Description	Aircraft Engine TypeCode	EPA_LTO	Revised_LTO	Revised_Taxi_In_ (default_7_min)	Revised_Taxi_Out_ (default_19_min)	Revision Comment
	37001		Example Airport	Durham	NC	AAA	10000000	2275050011	Aircraft /General Aviation /Piston	1415		25		12	Addition
	37001		Example Airport2	Durham	NC	AAB	10000001	2275020000	Aircraft/Commercial	1418		30	5		Addition

Appendix C – State LTO Data

FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
06111	NTD	9828811	Point Mugu Nas (Naval B	2275050012	999904				
06111	OXR	9828711	Oxnard	2275060011	1516	5230.0024			
06111	CMA	9829311	Camarillo	2275060012	1544	6.37			
06111	CMA	9829311	Camarillo	2275060012	1539	19.11			
06111	CMA	9829311	Camarillo	2275060012	2108	147.42			
06111	CMA	9829311	Camarillo	2275060011	2063	1396.096			
06111	CMA	9829311	Camarillo	2275060012	2099	6.37			
06111	CMA	9829311	Camarillo	2275060012	1549	6.37			
06111	CMA	9829311	Camarillo	2275060012	1590	147.42			
06111	CMA	9829311	Camarillo	2275060012	2107	6.37			
06111	FQB	9829211	San Nicolas Island	2275050011	999903				
06111	FQB	9829211	San Nicolas Island	2275050012	999904				
06111	CMA	9829311	Camarillo	2275060012	1447	6.37			
06111	NTD	9828811	Point Mugu Nas (Naval B	2275020000	676	1			
06111	CMA	9829311	Camarillo	2275050012	1454	6.37			
06111	OXR	9828711	Oxnard	2275060011	1514	6276.4119			
06111	OXR	9828711	Oxnard	2275060011	1515	1046.4095			
06111	OXR	9828711	Oxnard	2275060011	1520	627.164			
06111	OXR	9828711	Oxnard	2275020000	1876	3.4085			
06111	OXR	9828711	Oxnard	2275060011	1511	313.582			
06111	OXR	9828711	Oxnard	2275060011	2063	877.3479			
06111	OXR	9828711	Oxnard	2275060011	1568	313.582			
06111	OXR	9828711	Oxnard	2275060011	1567	313.582			
06111	OXR	9828711	Oxnard	2275060011	1528	438.3331			
06111	OXR	9828711	Oxnard	2275060011	1525	438.3331			
06111	OXR	9828711	Oxnard	2275060011	1628	313.582			
06111	OXR	9828711	Oxnard	2275060011	1513	5230.0024			

Appendix C – State LTO Data

FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
06111	NTD	9828811	Point Mugu Nas (Naval B	2275050011	999903				
06111	CMA	9829311	Camarillo	2275060011	1568	797.889			
06111	CMA	9829311	Camarillo	2275060011	1628	797.889			
06111	CMA	9829311	Camarillo	2275060011	1520	1595.778			
06111	CMA	9829311	Camarillo	2275020000	1870	6.37			
06111	CMA	9829311	Camarillo	2275020000	1876	147.42			
06111	CMA	9829311	Camarillo	2275020000	1438	6.37			
06111	CMA	9829311	Camarillo	2275060011	1514	15943.517			
06111	CMA	9829311	Camarillo	2275060011	1515	2657.113			
06111	CMA	9829311	Camarillo	2275060011	1511	797.889			
06111	CMA	9829311	Camarillo	2275060011	1525	698.048			
06111	CMA	9829311	Camarillo	2275060012	1543	6.37			
06111	CMA	9829311	Camarillo	2275060011	2061	2393.667			
06111	CMA	9829311	Camarillo	2275060012	1435	6.37			
06111	CMA	9829311	Camarillo	2275060011	2048	1396.096			
06111	CMA	9829311	Camarillo	2275060012	2124	2054.78			
06111	CMA	9829311	Camarillo	2275060011	2066	1396.096			
06111	CMA	9829311	Camarillo	2275060011	2065	797.889			
06111	CMA	9829311	Camarillo	2275060011	1567	797.889			
06111	CMA	9829311	Camarillo	2275060011	1528	698.048			
06111	CMA	9829311	Camarillo	2275060012	1632	684.32			
06111	CMA	9829311	Camarillo	2275060011	1516	13286.404			
06111	CMA	9829311	Camarillo	2275060011	2067	1047.072			
06111	CMA	9829311	Camarillo	2275060011	2142	617.504			
06111	CMA	9829311	Camarillo	2275060012	1431	147.42			
06111	CMA	9829311	Camarillo	2275060011	2089	349.024			
06111	CMA	9829311	Camarillo	2275060012	1530	684.32			
06111	CMA	9829311	Camarillo	2275060012	1461	6.37			
06111	CMA	9829311	Camarillo	2275060011	1513	13286.404			

Appendix C – State LTO Data

FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
06111	6CL5	11661911	MAJLAR	2275050012	999904	105.79			
06111	CL73	12507011	ROTOR-AIDS MAINTENANCE HANGAR	2275050012	999904	105.79			
06111	CL34	12492611	FIRST INTERSTATE BANK	2275050012	999904	105.79			
06111	CL34	12492611	FIRST INTERSTATE BANK	2275050011	999903	35.29			
06111	2CL6	11994311	ST JOHN'S RGNL MEDICAL CENTER	2275050011	999903	35.29			
06111	2CL6	11994311	ST JOHN'S RGNL MEDICAL CENTER	2275050012	999904	105.79			
06111	53CA	11985211	HUMMINGBIRD NEST	2275050011	999903	35.29			
06111	53CA	11985211	HUMMINGBIRD NEST	2275050012	999904	105.79			
06111	3CL9	11924711	SCE NORTHERN DIVISION	2275050012	999904	105.79			
06111	3CL9	11924711	SCE NORTHERN DIVISION	2275050011	999903	35.29			
06111	82CA	11784711	SCE MOORPARK SUBSTATION	2275050011	999903	35.29			
06111	82CA	11784711	SCE MOORPARK SUBSTATION	2275050012	999904	105.79			
06111	96CL	11703311	TWI II	2275050012	999904	105.79			
06111	CL73	12507011	ROTOR-AIDS MAINTENANCE HANGAR	2275050011	999903	35.29			
06111	6CL5	11661911	MAJLAR	2275050011	999903	35.29			
06111	6CL3	11661711	WILLIAM SHELLS CO	2275050012	999904	105.79			

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06111	6CL3	11661711	WILLIAM SHELLS CO	2275050011	999903	35.29			
06111	OXR	9828711	Oxnard	2275060011	2066	877.3479			
06111	6CA4	11661211	EAST VALLEY SHERIFF'S STATION	2275050012	999904	105.79			
06111	CMA	9829311	Camarillo	2275060012	543	1852.512			
06111	02CL	11548811	CONOVER AIR LODGE	2275050012	999904	0			
06111	02CL	11548811	CONOVER AIR LODGE	2275050011	999903	2084			
06111	1CA8	11522411	R I SCIENCE CENTER HELISTOP	2275050011	999903	35.29			
06111	1CA8	11522411	R I SCIENCE CENTER HELISTOP	2275050012	999904	105.79			
06111	1CA0	11492511	BOEING SANTA SUSANA	2275050012	999904	105.79			
06111	1CA0	11492511	BOEING SANTA SUSANA	2275050011	999903	35.29			
06111	CA72	11306711	COMMUNITY MEMORIAL HOSPITAL	2275050011	999903	35.29			
06111	CA72	11306711	COMMUNITY MEMORIAL HOSPITAL	2275050012	999904	105.79			
06111	96CL	11703311	TWI II	2275050011	999903	35.29			
06111	OXR	9828711	Oxnard	2275060012	543	888.9368			
06111	6CA4	11661211	EAST VALLEY SHERIFF'S STATION	2275050011	999903	35.29			
06111	CL82	12507911	LOS ROBLES RGNL MEDICAL CENTER	2275050012	999904	105.79			
06111	OXR	9828711	Oxnard	2275060011	2048	877.3479			

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06111	OXR	9828711	Oxnard	2275060011	2065	313.582			
06111	OXR	9828711	Oxnard	2275060011	2067	657.8405			
06111	OXR	9828711	Oxnard	2275060011	2089	219.5074			
06111	OXR	9828711	Oxnard	2275060011	2142	296.5395			
06111	OXR	9828711	Oxnard	2275060012	1431	3.4085			
06111	OXR	9828711	Oxnard	2275060012	2124	41.5837			
06111	OXR	9828711	Oxnard	2275060011	2061	940.746			
06111	OXR	9828711	Oxnard	2275060012	1632	13.634			
06111	OXR	9828711	Oxnard	2275060012	1638	1817.4416			
06111	OXR	9828711	Oxnard	2275060012	1530	13.634			
06111	OXR	9828711	Oxnard	2275060012	1590	3.4085			
06111	SZP	9828611	Santa Paula	2275060011	2063	1489			
06111	CL82	12507911	LOS ROBLES RGNL MEDICAL CENTER	2275050011	999903	35.29			
06111	SZP	9828611	Santa Paula	2275060011	2142	80			
06111	SZP	9828611	Santa Paula	2275060011	1515	1489			
06111	OXR	9828711	Oxnard	2275060012	2108	3.4085			
06111	SZP	9828611	Santa Paula	2275060011	2060	1489			
06111	SZP	9828611	Santa Paula	2275060012	543	241			
06111	SZP	9828611	Santa Paula	2275060011	1512	1489			
06111	SZP	9828611	Santa Paula	2275060011	1513	2978			
06111	SZP	9828611	Santa Paula	2275060011	1511	5959			
06111	SZP	9828611	Santa Paula	2275060012	2124	161			
06111	SZP	9828611	Santa Paula	2275060011	1514	8937			
06111	SZP	9828611	Santa Paula	2275060011	2089	321			
09001	JSD	12395011	SIKORSKY	2275050012	999904	2893			Revision
09001	JSD	12395011	SIKORSKY	2275050011	999903	0			Revision
09001	CT56	11316511	50 WASHINGTON STREET	2275050011	999903	0			Revision
09001	CT83	12307211	DOW CHEMICAL	2275050012	999904	0			Revision

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09001	CT83	12307211	DOW CHEMICAL	2275050011	999903	0			Revision
09001	CT76	11317011	CHASE MANHATTAN BANK OF CT	2275050012	999904	0			Revision
09001	CT76	11317011	CHASE MANHATTAN BANK OF CT	2275050011	999903	0			Revision
09001	5CT4	11847111	NORWALK HOSPITAL	2275050011	999903	0			Revision
09001	CT56	11316511	50 WASHINGTON STREET	2275050012	999904	0			Revision
09001	5CT4	11847111	NORWALK HOSPITAL	2275050012	999904	11			Revision
09001	0CT8	11517611	DANBURY HOSPITAL	2275050012	999904	31			Revision
09001	0CT8	11517611	DANBURY HOSPITAL	2275050011	999903	0			Revision
09001	0CT7	11014011	BRIDGEPORT HOSPITAL	2275050012	999904	32			Revision
09001	0CT7	11014011	BRIDGEPORT HOSPITAL	2275050011	999903	0			Revision
09001	CT12	11315111	MEDICAL CENTER	2275050011	999903	0			Revision
09001	CT12	11315111	MEDICAL CENTER	2275050012	999904	12			Revision
09003	CT38	11316011	CORPORATE CENTER	2275050012	999904	0			Revision
09003	CT20	12289911	RANKL FIELD	2275050011	999903	0			Revision
09003	CT23	11315711	DELLA	2275050011	999903	0			Revision
09003	CT23	11315711	DELLA	2275050012	999904	0			Revision
09003	CT28	12290411	VETERANS HOME & HOSPITAL	2275050011	999903	0			Revision
09003	CT17	11315511	UNITED TECHNOLOGY CORP.	2275050012	999904	0			Revision
09003	CT38	11316011	CORPORATE CENTER	2275050011	999903	0			Revision
09003	CT03	12289211	BRISTOL HOSPITAL	2275050011	999903	0			Revision
09003	CT75	12306811	HURLBRINK	2275050011	999903	0			Revision
09003	CT75	12306811	HURLBRINK	2275050012	999904	20			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
09003	CT28	12290411	VETERANS HOME & HOSPITAL	2275050012	999904	4			Revision
09003	CT17	11315511	UNITED TECHNOLOGY CORP.	2275050011	999903	0			Revision
09003	CT06	11314811	DELTA ONE	2275050012	999904	0			Revision
09003	CT03	12289211	BRISTOL HOSPITAL	2275050012	999904	12			Revision
09003	0CT9	11517711	HARTFORD HOSPITAL	2275050012	999904	1646			Revision
09003	0CT9	11517711	HARTFORD HOSPITAL	2275050011	999903	0			Revision
09003	0CT5	11517511	ST FRANCIS HOSPITAL	2275050012	999904	86			Revision
09003	0CT5	11517511	ST FRANCIS HOSPITAL	2275050011	999903	0			Revision
09003	0CT3	11013811	N B G H	2275050012	999904	7			Revision
09003	0CT3	11013811	N B G H	2275050011	999903	0			Revision
09003	CT06	11314811	DELTA ONE	2275050011	999903	0			Revision
09005	CT24	11315811	NORTH CANAAN AVIATION FACILITIES INC	2275050012	999904	260			Revision
09005	CT24	11315811	NORTH CANAAN AVIATION FACILITIES INC	2275050011	999903	1540			Revision
09005	0CT0	11517211	SHARON HOSPITAL	2275050012	999904	28			Revision
09005	0CT0	11517211	SHARON HOSPITAL	2275050011	999903	0			Revision
09007	CT97	12308611	SHORELINE CLINIC	2275050012	999904	37			Revision
09007	CT98	12308711	MIDDLESEX HOSPITAL	2275050011	999903	0			Revision
09007	CT97	12308611	SHORELINE CLINIC	2275050011	999903	0			Revision
09007	SNC	9790011	Chester	2275060012	999902	0			Revision

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09007	SNC	9790011	Chester	2275060011	999901	0			Revision
09007	SNC	9790011	Chester	2275050012	999904	200			Revision
09007	SNC	9790011	Chester	2275050011	999903	2410			Revision
09007	CT98	12308711	MIDDLESEX HOSPITAL	2275050012	999904	30			Revision
09009	1CT2	11019011	YALE NEW HAVEN HOSPITAL	2275050012	999904	248			Revision
09009	CT95	12308411	MERIDEN-WALLINGFORD HOSPITAL	2275050012	999904	22			Revision
09009	CT95	12308411	MERIDEN-WALLINGFORD HOSPITAL	2275050011	999903	0			Revision
09009	CT77	12306911	AMERICAN CYANAMID CO	2275050012	999904	0			Revision
09009	CT77	12306911	AMERICAN CYANAMID CO	2275050011	999903	0			Revision
09009	CT25	12290211	MIRY DAM	2275050012	999904	0			Revision
09009	CT25	12290211	MIRY DAM	2275050011	999903	0			Revision
09009	CT21	12290011	C N FLAGG	2275050012	999904	0			Revision
09009	CT21	12290011	C N FLAGG	2275050011	999903	0			Revision
09009	1CT3	11019111	ST MARY'S	2275050011	999903	0			Revision
09009	1CT2	11019011	YALE NEW HAVEN HOSPITAL	2275050011	999903	0			Revision
09009	1CT3	11019111	ST MARY'S	2275050012	999904	19			Revision
09011	CT16	12289711	FETSKE	2275050011	999903	3			Revision
09011	CT93	12308211	BACKUS HOSPITAL	2275050011	999903	0			Revision
09011	CT93	12308211	BACKUS HOSPITAL	2275050012	999904	503			Revision
09013	CT53	12305611	MOUNTAIN VIEW	2275050011	999903	0			Revision
09013	CT53	12305611	MOUNTAIN VIEW	2275050012	999904	0			Revision

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09015	0CT2	11517411	WINDHAM HOSPITAL	2275050011	999903	0			Revision
09015	0CT2	11517411	WINDHAM HOSPITAL	2275050012	999904	62			Revision
09015	CT69	11316811	NASIN	2275050011	999903	0			Revision
09015	CT69	11316811	NASIN	2275050012	999904	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	280	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1850	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1857	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	378	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	326	731	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	989	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	263	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	2322	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	191	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1876	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1859	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	184	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1722	0			Revision

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13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1718	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1713	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1676	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1658	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1424	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	345	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	1572	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	676	20805	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	999904	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	659	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	639	1095	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	631	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	620	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	582	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	573	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	476	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	450	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	430	365	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	407	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1575	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	1519	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275050011	999903	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	1623	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	2108	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275001000	999905	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	2182	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1412	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	722	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1881	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	751	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	827	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	861	59494	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	873	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	879	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	698	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275060011	999901	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	562	50368	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275060011	1513	365	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	1431	90151	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1428	365	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1425	51098	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1371	79932	11.5	21.7	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1363	2191	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	867	365	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	826	1460	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	772	730	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1077	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	581	730	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1684	3285	11.5	21.7	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	396	2191	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	307	11681	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	285	9490	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	135	730	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1341	730	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1263	365	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1187	1095	11.5	21.7	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1113	2192	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1034	11317	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	875	2920	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	661	28470	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	999902	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1400	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1395	1461	11.5	21.7	Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1378	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1364	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1336	367	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1295	13139	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1282	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1273	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1265	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1225	365	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	1605	730	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1145	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	1624	365	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1049	0			Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1518	2190	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275001000	1957	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275060012	2465	1460	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	2317	2192	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275050011	2095	365	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	2031	730	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1878	6205	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1694	1095	11.5	21.7	Addition
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1404	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
13063	ATL	9748811	The William B Hartsfield International Airport	2275020000	1216	1095	11.5	21.7	Revision
13063	ATL	9748811	The William B Hartsfield International Airport	2275050012	1454	365	11.5	21.7	Addition
13153	5A2	11832911	WARNER ROBINS AIR PARK	2275050012	999904	1400			Revision
13153	5A2	11832911	WARNER ROBINS AIR PARK	2275050011	999903	3600			Revision
24001	1W3	11493011	MEXICO FARMS	2275050011	999903	907.92			Revision
24001	1W3	11493011	MEXICO FARMS	2275050012	999904	353.08			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	280	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1395	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1400	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1404	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1412	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1424	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1658	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1676	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	1713	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1718	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1722	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	184	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	326	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	191	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	631	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1378	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	676	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1295	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	659	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	639	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	345	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	378	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	453	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	476	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	582	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	601	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	620	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1876	0			Revision
24003	2MD7	12051211	MARITIME INSTITUTE	2275050011	999903	0	0	0	Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	2234	7.84			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	223	0.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2228	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2099	88.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2096	17.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2095	35.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2095	478.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2090	3.22			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2089	17.5			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060011	2089	0.39			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2088	9.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2080	47.04			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1364	0			Revision
24003	0MD0	11530911	BALTIMORE WASHINGTON MEDICAL CENTER	2275050012	999904	0	0	0	Revision
24003	BWI	9571111	Baltimore-Washington In	2275050012	1529	1			Addition
24003	2MD7	12051211	MARITIME INSTITUTE	2275050012	999904	0	0	0	Revision
24003	BWI	9571111	Baltimore-Washington In	2275001000	1957	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275001000	999905	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1077	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1216	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1225	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1265	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1273	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1282	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	1286	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	827	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1336	0			Revision
24003	OMD0	11530911	BALTIMORE WASHINGTON MEDICAL CENTER	2275050011	999903	19	0	0	Revision
24003	BWI	9571111	Baltimore-Washington In	2275060011	1520	3			Addition
24003	W18	9570911	Suburban	2275050012	999904	3060			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060011	1512	233.64			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1512	5.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1512	3.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1516	83.16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1516	2.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1516	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1517	40.32			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1517	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1519	1.1			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060012	1519	61.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1519	5834			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	698	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060011	1520	35.64			Addition
24003	MD81	12546911	SOUTH RIVER	2275050011	999903	2			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060011	1521	29.16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1521	1.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1522	3.6			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1524	8.64			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1524	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1525	26.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1525	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1525	3190.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1527	41.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1527	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1528	39.6			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060011	1528	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1529	5.76			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1519	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1431	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	2247	39.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	849	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	861	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	873	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	879	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	989	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	999906	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275050011	999903	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275050012	1427	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275050012	1458	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275050012	1782	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275050012	1881	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275050012	999904	0			Revision
24003	W18	9570911	Suburban	2275050011	999903	7140			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1592	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	751	0			Revision
24003	MD43	12531911	MOUNTAIN ROAD	2275050011	999903	50			Revision
24003	MD22	12530711	DEALE	2275050011	999903	100			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	999902	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1642	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060011	1525	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1608	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060011	999901	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1590	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1557	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1553	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1519	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060012	1479	0			Revision
24003	MD81	12546911	SOUTH RIVER	2275050012	999904	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275060012	1613	0			Revision
24003	BWI	9571111	Baltimore-Washington In	2275020000	1019	479			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2161	44837			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2179	3345			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	220	159			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	751	0.22			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2427	20			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	849	3.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	861	53.68			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	861	1.44			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	861	2187			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2431	6			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	925	53.57			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	925	1.08			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	2236	17.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1019	80.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	213	1167.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1077	2.42			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1077	9			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1145	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1216	51.59			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1216	1.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1257	18.37			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1264	27.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1269	0.77			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1269	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1276	0.55			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1286	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1295	827.5			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275050012	2068	5.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	925	11.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	515	4.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2	1.44			Addition
24003	BWI	9571111	Baltimore-Washington In	2275001000	2101	128.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275001000	2101	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	472	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275001000	482	26.64			Addition
24003	BWI	9571111	Baltimore-Washington In	2275001000	482	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	492	0.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	135	145.42			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	191	0.22			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	386	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	402	0.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	402	3042.5			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	413	2618.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2161	10.44			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	685	13105			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1364	0.66			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	213	3.6			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2123	20540			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2123	2.16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2113	2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	45	673.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	703	2.64			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	487	2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2393	10.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	666	6.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2389	64.8			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	599	0.22			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060012	543	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2141	2546			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	703	3.24			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2302	0.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1336	216.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1458	61.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1458	19.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1460	28.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1462	69.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1462	8.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1462	13			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1463	4.68			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1463	3739			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1471	368.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1479	2136.5			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060012	2468	19.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1511	194.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1457	13.68			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2271	3.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1336	0.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2250	58.94			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2263	0.39			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2263	16.8			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	355	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2335	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	227	1.26			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2330	5.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2281	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	356	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2286	26.74			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	229	0.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2290	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1454	5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2267	0.98			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1427	2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2241	9.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1364	1280.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1371	0.22			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1371	657			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1372	4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1385	2674.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1395	722.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1402	341.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1407	1.44			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1407	1011.5			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	1407	161.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1412	5.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1412	41			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1457	24			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1449	13.32			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1454	191.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1454	106.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1454	2.53			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1453	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1453	108			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1424	784.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1449	1.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1427	77.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1447	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1438	42.48			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275050012	1428	9			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1428	232.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1427	58.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1357	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1449	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1592	25.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1567	16.38			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1568	213.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1575	5.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1579	2.34			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1579	5.6			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1588	0.78			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2236	44.64			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1590	33.32			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1553	22.68			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	1622	0.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1628	8.26			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1631	3.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1631	8.54			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1638	0.78			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1638	16.38			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1588	32.34			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1539	3.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1521	11.34			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1522	1.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1524	3.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1525	10.22			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	1527	16.1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1528	15.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1557	51.66			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060012	1530	8.54			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	249	34.02			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1541	6.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1542	52.64			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1747	0.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1561	45.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1544	0.14			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1549	109.62			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2389	25.2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1529	2.24			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2263	1.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1642	2.24			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	356	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2281	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2271	8.64			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	227	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	227	3.24			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	229	0.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	355	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2290	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2263	43.2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2263	0.11			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2250	16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2058	2.94			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2248	36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2241	24.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2236	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2267	2.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275001000	2101	50.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1519	3.9			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	599	0.78			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	402	0.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	191	0.78			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	135	515.58			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	492	0.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2286	68.76			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	472	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1676	0.14			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2	0.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2335	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2335	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2334	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2330	15.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2302	2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2302	1.44			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275001000	482	10.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	666	2.38			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	861	190.32			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1880	97.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1859	30.66			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1856	68.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1853	14.84			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1850	1.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1913	6.02			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	318	1.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1915	13.58			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2393	3.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	703	9.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	703	1.26			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2123	0.84			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	213	1.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2161	4.06			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1520	13.86			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1849	8.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	346	76.3			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2059	35.7			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2062	0.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2063	85.68			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2064	5.04			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2065	42.7			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2066	8.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1881	2.24			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2056	0.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	861	0.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	346	7.8			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275050012	2051	0.98			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2032	29.26			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2030	2.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2020	1.96			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2009	0.14			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1916	67.9			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2057	3.64			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1462	27.02			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	751	0.78			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1449	5.18			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1453	42			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1454	8.97			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1454	41.58			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1457	5.32			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1428	90.44			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275050012	1460	10.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1427	30.1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1463	1.82			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2468	7.42			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1511	75.6			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1512	90.86			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1516	32.34			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1517	15.68			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2247	101.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1458	24.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1264	98.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1295	2.16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	925	189.93			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1530	21.96			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	925	0.42			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275020000	1019	285.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1077	8.58			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1438	16.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1257	65.13			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1519	24.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1269	2.73			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1276	1.95			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1295	0.84			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1336	3.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1364	2.34			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1371	0.78			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1407	0.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1216	182.91			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1686	239.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1859	78.84			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060012	1592	65.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1622	0.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1628	21.24			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1631	0.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2250	151.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1638	0.22			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	2234	20.16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1638	5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1642	5.76			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1642	32.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1590	85.68			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1676	3724			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1588	78.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1713	1.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1722	1688			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060012	1747	0.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	314	1.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	318	3.6			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1849	20.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1849	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1850	2.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1850	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1853	38.16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1853	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1856	177.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	1676	0.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1557	219.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1539	10.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1541	17.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1542	135.36			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275050012	1542	62			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1561	118.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1544	0.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1549	281.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1549	2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1549	635.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1553	58.32			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	249	87.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1590	2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1557	132.84			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	1638	42.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1567	42.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1567	2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1568	547.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	1568	8.5			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275050012	1575	15.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1575	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1579	0.66			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1579	14.4			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1581	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1588	0.22			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1588	83.16			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1588	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	249	169.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2062	0.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1880	251.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2058	7.56			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2059	91.8			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2065	109.8			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2065	6			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
24003	BWI	9571111	Baltimore-Washington In	2275060011	2066	20.88			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2066	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2068	15.12			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2080	120.96			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2056	0.72			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2088	24.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	346	196.2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2089	0.11			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2089	45			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2090	8.28			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2090	1			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2095	135.08			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2095	91.44			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2095	365			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2096	44.64			Addition

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24003	BWI	9571111	Baltimore-Washington In	2275050012	1631	21.96			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2096	8			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2080	0.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2228	0			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1880	134.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1881	5.76			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1913	15.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1915	34.92			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1916	174.6			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	1916	150.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2009	0.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2020	5.04			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2030	6.48			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2057	9.36			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	223	1.44			Addition

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24003	BWI	9571111	Baltimore-Washington In	2275060012	2099	168.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2099	227.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2059	2.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2063	220.32			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060011	2063	5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275060012	2064	12.96			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2032	5.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2051	2.52			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050012	2051	208.5			Addition
24003	BWI	9571111	Baltimore-Washington In	2275020000	346	2.2			Addition
24003	BWI	9571111	Baltimore-Washington In	2275050011	2032	75.24			Addition
24005	MTN	9572011	Martin State	2275060011	999901	0			Revision
24005	MTN	9572011	Martin State	2275060012	1519	0			Revision
24005	MTN	9572011	Martin State	2275001000	999905	2726			Addition
24005	MTN	9572011	Martin State	2275050012	999904	29056			Addition
24005	MTN	9572011	Martin State	2275050011	999903	4507			Addition
24005	MTN	9572011	Martin State	2275020000	999906	906			Addition
24005	5MD6	11707711	FRANKLIN SQUARE HOSPITAL CENTER	2275050011	999903	0	0	0	Revision

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24005	5MD6	11707711	FRANKLIN SQUARE HOSPITAL CENTER	2275050012	999904	0	0	0	Revision
24005	MTN	9572011	Martin State	2275001000	999905	0			Revision
24005	MTN	9572011	Martin State	2275020000	999906	0			Revision
24005	MTN	9572011	Martin State	2275050011	999903	0			Revision
24005	MTN	9572011	Martin State	2275060012	1572	0			Revision
24005	MTN	9572011	Martin State	2275050012	999904	0			Revision
24005	MTN	9572011	Martin State	2275060012	2453	0			Revision
24005	MTN	9572011	Martin State	2275060012	999902	0			Revision
24011	8MD4	11654111	SPIERING	2275050011	999903	78			Revision
24013	07MD	11505811	BAUGHER'S ORCHARD	2275050011	999903	0			Revision
24015	6MD4	11235011	PEMBROKE FARM	2275050011	999903	28			Revision
24015	MD93	12547411	HEXTON FARMS	2275050011	999903	78			Revision
24017	MD06	12529811	PILOTS COVE	2275050011	999903	2			Revision
24017	MD55	11359611	HOLLY SPRINGS FARM	2275050011	999903	5			Revision
24019	3MD8	11132711	POKETY	2275050011	999903	2			Revision
24019	1MD1	11034211	BIG OAK FARM	2275050011	999903	18			Revision
24019	MD18	11358411	HORN POINT	2275050011	999903	100			Revision
24021	FDK	9569411	Frederick Muni	2275001000	999905	325			Addition
24021	FDK	9569411	Frederick Muni	2275050012	999904	7015			Addition
24021	FDK	9569411	Frederick Muni	2275050011	999903	55338			Addition
24021	FDK	9569411	Frederick Muni	2275020000	999906	2273			Addition
24021	FDK	9569411	Frederick Muni	2275001000	999905	0			Revision
24021	FDK	9569411	Frederick Muni	2275050011	999903	0			Revision
24021	FDK	9569411	Frederick Muni	2275050012	999904	0			Revision
24021	FDK	9569411	Frederick Muni	2275060011	999901	0			Revision
24021	FDK	9569411	Frederick Muni	2275060012	999902	0			Revision
24021	FDK	9569411	Frederick Muni	2275020000	999906	0			Revision

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24023	3MD2	11965711	GARRETT COUNTY MEMORIAL HOSPITAL	2275050012	999904	0	0	0	Revision
24023	3MD2	11965711	GARRETT COUNTY MEMORIAL HOSPITAL	2275050011	999903	39	0	0	Revision
24025	03MD	11557111	UPPER CHESAPEAKE MEDICAL CENTER	2275050012	999904	0	0	0	Revision
24025	0W3	9568311	Harford County	2275050011	999903	6428.641223			Revision
24025	0W3	9568311	Harford County	2275050012	999904	2491.358777			Revision
24025	4MD6	11167411	MOXLEY'S	2275050011	999903	58			Revision
24025	APG	12369011	PHILLIPS AAF	2275050011	999903	17503.34579			Revision
24025	EDG	12355911	WEIDE AHP (ABERDEEN PROVING GROUND)	2275050011	999903	410.6542056			Revision
24025	MD31	12531311	FOREST HILL	2275050011	999903	350			Revision
24025	W42	12141111	FALLSTON	2275050011	999903	3155.5825			Revision
24025	W42	12141111	FALLSTON	2275050012	999904	1222.9175			Revision
24025	03MD	11557111	UPPER CHESAPEAKE MEDICAL CENTER	2275050011	999903	105	0	0	Revision
24027	MD24	11358811	HAYSFIELD	2275050011	999903	500			Revision
24027	MD47	12532211	BARNES	2275050011	999903	150			Revision
24029	05MD	11566411	BREEZECROFT airport	2275050011	999903	30			Revision
24031	1MD7	11034411	SHADY GROVE ADVENTIST HOSPITAL	2275050011	999903	105	0	0	Revision
24031	5MD9	11720611	SUBURBAN	2275050011	999903	189	0	0	Revision

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24031	1MD7	11034411	SHADY GROVE ADVENTIST HOSPITAL	2275050012	999904	0	0	0	Revision
24031	5MD9	11720611	SUBURBAN	2275050012	999904	0	0	0	Revision
24033	ADW	9567311	Andrews AFB	2275020000	326	0			Revision
24033	3MD1	11965611	SOUTHERN MD HOSPITAL CENTER	2275050011	999903	265	0	0	Revision
24033	3MD1	11965611	SOUTHERN MD HOSPITAL CENTER	2275050012	999904	0	0	0	Revision
24033	ADW	9567311	Andrews AFB	2275001000	1957	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	999906	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	1676	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	280	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	659	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	676	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	861	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	879	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	989	0			Revision
24033	ADW	9567311	Andrews AFB	2275001000	999905	0			Revision
24033	ADW	9567311	Andrews AFB	2275060012	999902	0			Revision
24033	ADW	9567311	Andrews AFB	2275001000	999905	17207			Addition
24033	ADW	9567311	Andrews AFB	2275001000	999905	18862	0	0	Addition PLANES NOT COPTERS
24033	ADW	9567311	Andrews AFB	2275050011	999903	0			Revision
24033	ADW	9567311	Andrews AFB	2275020000	631	0			Revision
24033	ADW	9567311	Andrews AFB	2275050012	999904	0			Revision
24033	ADW	9567311	Andrews AFB	2275060011	999901	0			Revision
24035	0MD7	10977711	THE ASPEN INSTITUTE	2275050012	999904	0	0	0	Revision
24035	50MD	1	QUEEN ANNE E.R.	2275050011	999903	15	0	0	Revision

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24035	50MD	1	QUEEN ANNE E.R.	2275050012	999904	0	0	0	Revision
24035	MD19	11358511	HYBARC FARM	2275050011	999903	96			Revision
24035	0MD7	10977711	THE ASPEN INSTITUTE	2275050011	999903	1	0	0	Revision
24037	4MD4	11167211	CLEMENTS	2275050011	999903	5			Revision
24037	MD45	11359511	HAMPTON	2275050011	999903	52			Revision
24037	MD01	12529511	WINGFIELD	2275050011	999903	30			Revision
24037	8MD7	11654411	DEERFIELD	2275050011	999903	37			Revision
24037	7MD5	11257611	ST. MARY'S HOSPITAL	2275050012	999904	0	0	0	Revision
24037	7MD5	11257611	ST. MARY'S HOSPITAL	2275050011	999903	586	0	0	Revision
24039	5MD7	11207511	BLUEMEL FIELD	2275050011	999903	8			Revision
24041	MD29	12531111	MEMORIAL HOSPITAL	2275050011	999903	151	0	0	Revision
24041	MD29	12531111	MEMORIAL HOSPITAL	2275050012	999904	0	0	0	Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275050012	999904	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275020000	999906	1691			Addition
24043	HGR	9565811	Hagerstown Regional-Ric	2275060012	999902	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275060012	1572	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275060011	1525	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275050012	999904	8122			Addition

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24043	HGR	9565811	Hagerstown Regional-Ric	2275050011	999903	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275020000	999906	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275001000	999905	2416			Addition
24043	HGR	9565811	Hagerstown Regional-Ric	2275020000	1364	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275020000	1273	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275001000	999905	0			Revision
24043	22MD	11057311	LAURA'S LANDING	2275050011	999903	20			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275050011	999903	11932			Addition
24043	HGR	9565811	Hagerstown Regional-Ric	2275020000	676	0			Revision
24043	HGR	9565811	Hagerstown Regional-Ric	2275060011	999901	0			Revision
24510	MD10	12530111	BALTIMORE POLICE DEPARTMENT	2275050012	999904	0	0	0	Revision
24510	MD10	12530111	BALTIMORE POLICE DEPARTMENT	2275050011	999903	3019	0	0	Revision
24510	8MD3	11277011	SINAI II	2275050012	999904	0	0	0	Revision
24510	8MD3	11277011	SINAI II	2275050011	999903	37	0	0	Revision
24510	8MD2	11654011	MONTEBELLO FILTRATION PLANT	2275050011	999903	0	0	0	Revision
24510	8MD2	11654011	MONTEBELLO FILTRATION PLANT	2275050012	999904	0	0	0	Revision

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32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1877	122	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1892	48	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1876	224	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1356	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1888	18	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2355	8	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2356	108	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2357	182	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2376	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1513	5064	4.54	11.14	Addition

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32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1516	1890	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1517	2730	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1567	108	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1568	1846	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2032	794	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2057	902	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2059	1408	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2353	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	772	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2462	82	4.54	11.14	Addition

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32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2143	36	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2140	90	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2095	2180	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	543	78	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2063	224	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	623	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2065	754	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	867	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	949	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1034	4	4.54	11.14	Addition

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32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1253	10	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1253	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2351	10	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	548	14	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1788	362	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1872	56	4.54	11.14	Addition
32031	N86	12470811	Spanish Springs Airport	2275001000	548	10	2	2	Addition
32031	N86	12470811	Spanish Springs Airport	2275060012	543	10	2	2	Addition
32031	N86	12470811	Spanish Springs Airport	2275060011	1528	291	2	2	Addition
32031	N86	12470811	Spanish Springs Airport	2275060011	1516	884	2	2	Addition
32031	4SD	9373611	Reno/Stead Airport	2275001000	2212	3472	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275001000	1202	2968	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275060012	543	3048	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275050012	37	895	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275060011	2270	1099	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	4SD	9373611	Reno/Stead Airport	2275050012	2111	472	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275050012	1454	3452	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275060011	1521	3153	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2353	260	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1542	474	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2212	16	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2187	540	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1428	306	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1429	188	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1449	44	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275060011	1516	27745	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1538	4096	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1870	14	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1550	228	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1581	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1605	16	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1619	192	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1669	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	37	116	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1456	1426	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	861	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	280	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	326	0			Revision

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32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	582	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	620	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	631	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	639	900			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	659	0			Revision
32031	4SD	9373611	Reno/Stead Airport	2275050012	999904	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	698	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1658	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	879	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	989	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	999906	2			Revision

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32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	999903	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1850	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	999904	200			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	999901	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	676	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1957	1588	4.54	11.14	Revision
32031	4SD	9373611	Reno/Stead Airport	2275001000	999905	0			Revision
32031	N86	12470811	Spanish Springs Airport	2275060011	1513	884	2	2	Addition
32031	4SD	9373611	Reno/Stead Airport	2275050011	999903	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1915	142	4.54	11.14	Addition
32031	N86	12470811	Spanish Springs Airport	2275050012	999904	0			Revision
32031	NV57	11405111	WASHOE MEDICAL CENTER	2275050011	999903	0			Revision
32031	NV57	11405111	WASHOE MEDICAL CENTER	2275050012	999904	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	191	0			Revision
32031	NV78	12147411	REMSA/CARE FLIGHT	2275050012	999904	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	184	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	999905	8	4.54	11.14	Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1364	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1378	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1395	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1404	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1412	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1424	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1869	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	NV78	12147411	REMSA/CARE FLIGHT	2275050011	999903	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1624	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1479	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1449	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1456	246	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1538	844	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1542	36	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1550	278	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1581	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1428	110	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1619	68	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	543	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1638	10	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1669	2416	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1788	24	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1872	8	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1876	18	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1877	12	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1892	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1915	8	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1605	718	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1517	106	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2031	110	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2108	0			Revision
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	999902	62			Revision
32031	NV57	11405111	WASHOE MEDICAL CENTER	2275060011	2270	2132	4.54	11.14	Addition
32031	????	1	WASHOE County Sheriff's Heliport	2275060012	543	702	4.54	11.14	Addition
32031	NV58	12146911	ST MARY'S RGNL MEDICAL CENTER	2275060011	2270	228	4.54	11.14	Addition
32031	NV69	11405411	NORTHERN NEVADA MEDICAL CENTER	2275060011	2270	8	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1429	5276	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1516	148	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1615	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2032	14	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2059	8	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2063	606	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2095	58	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2140	68	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2143	18	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2462	20	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	37	26	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	1513	20	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1	58	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1538	132	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1456	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1449	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1316	20	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1311	68	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1300	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2244	854	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	37	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1742	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2376	2778	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2321	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2307	634	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2284	2550	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2280	17170	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2246	1312	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	543	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2140	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2031	230	4.54	11.14	Addition
32031	4SD	9373611	Reno/Stead Airport	2275001000	2102	230	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2462	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2215	50	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2212	78	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2202	78	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1550	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2143	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1563	18	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2059	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2045	44	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050011	2032	88	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1987	34	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	1970	48	4.54	11.14	Addition

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32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1888	48			Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	1605	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2172	16	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2208	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2355	62	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2354	816	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2353	418	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2351	904	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2069	44	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2307	2	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2356	56	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2212	14	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2325	10	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275001000	2202	12	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2187	96	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060012	2088	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2080	332	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2237	3234	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	1877	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2270	26	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1356	942	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1425	3396	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	2280	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1371	506	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275050012	2357	182	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1355	54	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1235	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	1033	40	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	925	4	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	867	1164	4.54	11.14	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	623	5436	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275060011	2454	148	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	623	5436	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	587	6	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	353	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	352	2	4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	135		4.54	11.14	Addition
32031	RNO	9376411	Reno/Tahoe International Airport	2275020000	61		4.54	11.14	Addition
33011	MHT	9369111	Manchester	2275050012	1462	46.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1529	2	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1541	159.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1542	67	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1554	32	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1460	2	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1577	68	4.5	12.16	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
33011	MHT	9369111	Manchester	2275050012	1449	3	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1556	89.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1458	30	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2342	5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1429	260.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1453	14.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1587	45.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1446	1	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	37	4	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1427	14.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2340	42	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2030	6	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275001000	1833	40	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2149	15.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	1513	96	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2119	157.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2114	22.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2112	882.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2080	18.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	1511	14.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2051	64	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1588	15.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	2021	472.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1916	25.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1915	15.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1913	16.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1880	4	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1850	10.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1595	5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050012	1591	4	4.5	12.16	Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
33011	MHT	9369111	Manchester	2275050012	2079	28	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	586	6.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2064	15.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1632	27	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1553	11.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1549	286.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1269	1	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1263	1	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1005	53.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275001000	2215	4	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	610	19.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1853	6	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	2239	7	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	144	16.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	635	82.5	3.84	10.31	Addition
33011	MHT	9369111	Manchester	2275060011	1516	68	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275001000	2105	390.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	1567	10.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275001000	1742	4	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	867	351.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	1524	3	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2095	63	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2090	14.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2062	2	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2058	24.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2057	13.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2056	2	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2032	118.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2099	112	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	1527	12.5	4.5	12.16	Addition

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33011	MHT	9369111	Manchester	2275060012	2208	2	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	1522	1	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1665	920	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1436	3.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	2163	2	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	2144	5.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1859	6	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1856	23.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275050011	2141	12.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	999902	0			Revision
33011	MHT	9369111	Manchester	2275020000	676	12.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275060011	999901	0			Revision
33011	MHT	9369111	Manchester	2275020000	191	0			Revision
33011	MHT	9369111	Manchester	2275020000	326	0			Revision
33011	MHT	9369111	Manchester	2275020000	601	0			Revision
33011	MHT	9369111	Manchester	2275020000	620	6320.5	3.84	10.31	Revision
33011	MHT	9369111	Manchester	2275020000	631	58.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1722	331.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	659	1761.5	3.84	10.31	Revision
33011	MHT	9369111	Manchester	2275020000	1718	0			Revision
33011	MHT	9369111	Manchester	2275020000	861	0			Revision
33011	MHT	9369111	Manchester	2275020000	989	0			Revision
33011	MHT	9369111	Manchester	2275020000	999906	0			Revision
33011	MHT	9369111	Manchester	2275050011	999903	0			Revision
33011	MHT	9369111	Manchester	2275050012	999904	0			Revision
33011	MHT	9369111	Manchester	2275060011	2381	0			Revision
33011	MHT	9369111	Manchester	2275020000	639	0			Revision
33011	MHT	9369111	Manchester	2275020000	1378	592.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275001000	999905	0			Revision
33011	MHT	9369111	Manchester	2275020000	1216	496	4.5	12.16	Revision

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33011	MHT	9369111	Manchester	2275020000	1225	0			Revision
33011	MHT	9369111	Manchester	2275020000	1265	0			Revision
33011	MHT	9369111	Manchester	2275020000	1273	0			Revision
33011	MHT	9369111	Manchester	2275060011	1525	59.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	184	744	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275060011	1517	15.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275020000	1364	2	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1400	893.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1404	0			Revision
33011	MHT	9369111	Manchester	2275020000	1412	1019	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1424	64.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1676	1886	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1713	2352.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1336	2	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275060011	2065	108	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1637	412	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1508	1	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2329	2311.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	11	1	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	2060	132	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	2147	16.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1639	9.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	2089	30	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	2066	24.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	1568	104	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	1528	53.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	1521	31	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060011	1520	29	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1519	1539.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275020000	1295	2	4.5	12.16	Revision

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33011	MHT	9369111	Manchester	2275060011	2096	158.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	543	3	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1543	61	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2182	0			Revision
33011	MHT	9369111	Manchester	2275060012	1613	4	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275060012	2085	324	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275060012	1642	384	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2453	294.5	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275060011	2063	29	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2180	1363	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2127	32	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2461	19.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	2094	2415.5	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1764	1	4.5	12.16	Addition
33011	MHT	9369111	Manchester	2275060012	1611	269	4.5	12.16	Revision
33011	MHT	9369111	Manchester	2275060012	1608	94	4.5	12.16	Revision
34013	EWR	9376211	Newark Liberty Intl	2275050012	1870	38.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1631	4			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1848	22.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1622	17.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	2180	1.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1849	22.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1602	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1850	86.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1878	209			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1880	1.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2020	5.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2030	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2051	37			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2052	74			airport supplied

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34013	EWR	9376211	Newark Liberty Intl	2275050012	2064	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	285	3295			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	307	7334			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1447	153			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1449	12.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1428	193			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1453	23			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1454	81			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1457	8			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1458	64.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1549	106.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1519	2475.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1592	116			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2068	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1529	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1530	8			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1542	72			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1553	13			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1557	119			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1579	93.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1588	70.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1460	31			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	1643	24370			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	608	10.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	632	2364.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	764	520			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1052	2020			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	548	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	37	51.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	1572	2			airport supplied

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34013	EWR	9376211	Newark Liberty Intl	2275060012	1613	20716			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	389	1201.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	516	2			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	2085	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	1609	8093			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	1773	24			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	2094	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	2125	56.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	2127	69.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1516	5.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1544	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2099	161			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2105	6			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2107	2			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2109	289			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2111	12			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2113	22.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2156	2.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	557	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1543	51.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	446	650.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1548	222.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1915	3.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1540	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1541	5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275060012	1642	50			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	359	1228.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2080	2			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	2208	31			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1071	5760.5			airport supplied

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34013	EWR	9376211	Newark Liberty Intl	2275020000	2223	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	2163	13.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1875	299.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1872	33.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1711	16042			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1383	1570.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1371	1527.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1363	1275.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1335	2			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1284	21			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	999903	21			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1187	24			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1438	82.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	220	334			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	100	5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	2211	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	1742	12.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	1967	2			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	1957	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	1554	105			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	1427	76			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275001000	1199	4.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1520	4			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	18	70.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1269	10			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2095	23			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	8	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	6	7.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	999904	584.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050012	1782	14.5			airport supplied

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34013	EWR	9376211	Newark Liberty Intl	2275050012	1575	7			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275020000	1376	8.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2140	3			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	36	3			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2066	8			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2065	12			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2063	37.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2062	1			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2059	6.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1525	7			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1513	14.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2148	3			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2057	2			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1517	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1522	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1527	8.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1528	3.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1568	23			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2032	3			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	2056	0.5			airport supplied
34013	EWR	9376211	Newark Liberty Intl	2275050011	1521	7			airport supplied
50021	1VT8	1	MORTIMER BROWN LANDING	2275060011	999901	0			addition - airport moved from out of state
50021	1VT8	1	MORTIMER BROWN LANDING	2275060012	999902	0			addition - airport moved from out of state
50021	1VT8	1	MORTIMER BROWN LANDING	2275050012	999904	0			addition - airport moved from out of state

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50021	1VT8	1	MORTIMER BROWN LANDING	2275050011	999903	100.78			addition - airport moved from out of state
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	1202	66			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	548	13			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	548	84			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275060012	2372	3			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	2212	585			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	2203	67			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	1957	2			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275060012	1490	20			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	1199	1			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275001000	488	20			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275060012	1519	6			Addition
51033	APH	12369111	A P HILL AAF (FORT A P HILL)	2275060012	2348	4			Addition
51059	DAA	12326211	DAVISON AAF	2275001000	548	188.5			Addition
51059	DAA	12326211	DAVISON AAF	2275001000	548	654.8			Addition
51059	DAA	12326211	DAVISON AAF	2275020000	2276	462.7			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51087	RIC	9070011	Richmond International	2275001000	2212	1617			Addition
51087	RIC	9070011	Richmond International	2275001000	2102	587			Addition
51087	RIC	9070011	Richmond International	2275020000	2276	727			Addition
51087	RIC	9070011	Richmond International	2275001000	548	1811			Addition
51087	RIC	9070011	Richmond International	2275001000	999905	0			Revision
51087	RIC	9070011	Allen C Perkinson/Baaf	2275001000	999905	13054			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060011	2462	1.19			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060012	2126	28.5			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	488	21.38			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	2211	9.5			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275050011	999903	79			Revision
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	544	16.63			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060012	999902				Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	548	33.25			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	548	41.57			Addition

Appendix C – State LTO Data

FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060011	2270	16.63			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	2212	3896.52			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275020000	2276	11.87			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060012	1549	2.38			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	1199	213.77			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	1202	2403.71			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	1311	5.94			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	2209	3827.64			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060011	1516	13.06			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060012	1605	2.38			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	1957	34.44			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	2001	16.63			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275050012	2050	1.19			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060011	2061	8.31			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060011	2065	1.19			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275001000	2202	292.15			Addition
51179	NYG	11407811	QUANTICO MCAF /TURNER FIELD	2275060011	1514	17.81			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	1553	1			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	531	6			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275020000	2276	59			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060011	2270	9			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275001000	1202	24			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	1490	7			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	1519	1			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	1862	6			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275001000	1957	8			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	2123	6			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	2182	42			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	2196	1			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275001000	2212	336			Addition

Appendix C – State LTO Data

FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	2208	1			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	2348	52			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275060012	1611	1			Addition
51199	W94	12155911	CAMP PEARY LNDG STRIP	2275001000	2203	49			Addition
51550	NFE	12285211	FENTRESS NALF	2275001000	2212	377			Addition
51550	NFE	12285211	FENTRESS NALF	2275001000	1311	29724			Addition
51550	NFE	12285211	FENTRESS NALF	2275001000	1836	1505			Addition
51550	NFE	12285211	FENTRESS NALF	2275001000	1838	5644			Addition
51550	NFE	12285211	FENTRESS NALF	2275001000	1842	376			Addition
51550	NFE	12285211	FENTRESS NALF	2275001000	1957	2			Addition
51650	LFI	9077811	Langley AFB Airport	2275001000	1995	197			Addition
51650	LFI	9077811	Langley AFB Airport	2275001000	2215	517			Addition
51650	LFI	9077811	Langley AFB Airport	2275050011	999903	428			Revision
51650	LFI	9077811	Langley AFB Airport	2275001000	1988	2637			Addition
51700	FAF	12376911	FELKER AAF	2275060011	999901	698			Revision
51700	FAF	12376911	FELKER AAF	2275001000	548	225			Addition
51700	FAF	12376911	FELKER AAF	2275001000	548	5000			Addition
51700	FAF	12376911	FELKER AAF	2275020000	2276	250			Addition
51700	FAF	12376911	FELKER AAF	2275060011	2270	12500			Addition
51700	FAF	12376911	FELKER AAF	2275001000	2212	37500			Addition
51700	FAF	12376911	FELKER AAF	2275001000	2203	5000			Addition
51700	FAF	12376911	FELKER AAF	2275001000	1202	5000			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	1265	11			Revision
51710	NGU	9068911	Norfolk Ns	2275001000	1957	123			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	1842	6			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	1838	1268			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51710	NGU	9068911	Norfolk Ns	2275001000	1836	440			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	1819	9			Addition
51710	NGU	9068911	Norfolk Ns	2275060011	1567	18			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	1967	3			Addition
51710	NGU	9068911	Norfolk Ns	2275060011	1514	1			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	1988	56			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	1336	3			Revision
51710	NGU	9068911	Norfolk Ns	2275001000	1455	2			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	1363	17			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	1356	4			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	1311	174			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	1279	7			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	1200	2			Addition
51710	NGU	9068911	Norfolk Ns	2275050012	1550	4			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	488	18			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	936	10			Addition
51710	NGU	9068911	Norfolk Ns	2275060012	1862	10			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	603	11			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	2431	7			Addition
51710	NGU	9068911	Norfolk Ns	2275020000	2276	8			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	2212	425			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	2202	64			Addition
51710	NGU	9068911	Norfolk Ns	2275060012	2126	9			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	2102	8			Addition
51710	NGU	9068911	Norfolk Ns	2275001000	2001	5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	1210				Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275060012	2126				Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1315	2			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1200	106.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1202	81			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1311	39652			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1302	17.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	1239	1			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	2215	3.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	548	8.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	1819	91			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1742	1			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	1725				Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1633	10			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	2276	2			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1836	125.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	551				Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275060012	1519				Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	544	4			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	26	50.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275050012	2340				Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	2212	225.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275060012	2186	18			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275060011	999901	483.5			Revision
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275060011	1514				Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	2202	6.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1838	655.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	2013	25			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	2001	1128			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1995	36			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	1363	380.5			Addition

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275020000	1967	2.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	2170	5.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1957	131.5			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275050012	1892	34			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275060012	1869				Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1843	1			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1842	141			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1842	9			Addition
51810	NTU	12132011	OCEANA NAS /APOLLO SOUCEK FIELD/	2275001000	1988	15			Addition
53009	W28	12140611	SEQUIM VALLEY	2275060011	1516	1			This airport is a duplicate of FacilitySiteIdentifier W28

Appendix C – State LTO Data

FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
53009	W28	12140611	SEQUIM VALLEY	2275060011	2063	2			This airport is a duplicate of FacilitySiteIdentifier W28
53009	W28	12140611	SEQUIM VALLEY	2275060011	1598	1			This airport is a duplicate of FacilitySiteIdentifier W28
53055	S31	9083411	Lopez Island	2275060012	1519	2			This airport is a duplicate of FacilitySiteIdentifier S31
53055	S31	9083411	Lopez Island	2275060011	2063	6			This airport is a duplicate of FacilitySiteIdentifier S31
53055	S31	9083411	Lopez Island	2275060011	1601	312			This airport is a duplicate of FacilitySiteIdentifier S31
53055	S31	9083411	Lopez Island	2275060011	1598	493			This airport is a duplicate of FacilitySiteIdentifier S31
53055	FHR	9083811	Friday Harbor	2275060011	1516	13			This airport is a duplicate of FacilitySiteIdentifier FHR

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
53055	S31	9083411	Lopez Island	2275060011	1516	7			This airport is a duplicate of FacilitySiteIdentifier S31
53055	FHR	9083811	Friday Harbor	2275060012	1519	1809			This airport is a duplicate of FacilitySiteIdentifier FHR
53055	FHR	9083811	Friday Harbor	2275060011	2063	475			This airport is a duplicate of FacilitySiteIdentifier FHR
53055	FHR	9083811	Friday Harbor	2275060011	1601	1032			This airport is a duplicate of FacilitySiteIdentifier FHR
53055	FHR	9083811	Friday Harbor	2275060011	1598	989			This airport is a duplicate of FacilitySiteIdentifier FHR
53055	FHR	9083811	Friday Harbor	2275060011	1517	5040			This airport is a duplicate of FacilitySiteIdentifier FHR
53055	FHR	9083811	Friday Harbor	2275060011	999901	0			Revision
53055	S31	9083411	Lopez Island	2275060012	999902	3124.8			Revision
53055	S31	9083411	Lopez Island	2275060011	999901	55.2			Revision
53055	ORS	9083611	Orcas Island	2275060012	999902	1535.22			Revision
53055	FHR	9083811	Friday Harbor	2275060012	999902	5229.43			Revision

Appendix C – State LTO Data

FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
53055	ORS	9083611	Orcas Island	2275060012	1519	1719			This airport is a duplicate of FacilitySiteIdentifier ORS
53055	38WA	9084011	Blakely Island Airport	2275060011	1598	1			This airport is a duplicate of FacilitySiteIdentifier 38WA
53055	ORS	9083611	Orcas Island	2275060011	1516	1			This airport is a duplicate of FacilitySiteIdentifier ORS
53055	ORS	9083611	Orcas Island	2275060011	1517	5040			This airport is a duplicate of FacilitySiteIdentifier ORS
53055	ORS	9083611	Orcas Island	2275060011	1598	3			This airport is a duplicate of FacilitySiteIdentifier ORS
53055	ORS	9083611	Orcas Island	2275060011	1601	1			This airport is a duplicate of FacilitySiteIdentifier ORS
53055	ORS	9083611	Orcas Island	2275060011	2063	282			This airport is a duplicate of FacilitySiteIdentifier ORS
53055	ORS	9083611	Orcas Island	2275060011	999901	0			Revision
53057	74S	9082811	Anacortes	2275060011	999901	0			Revision

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FIP Code	Facility SiteID	EIS Facility SiteID	Airport	SCC	AETC	Revised LTO	Revised Taxi_In	Revised Taxi_Out	Revision Comment
53057	74S	9082811	Anacortes	2275060011	1516	2			This airport is a duplicate of FacilitySiteIdentifier 74S
53057	74S	9082811	Anacortes	2275060011	1517	3360			This airport is a duplicate of FacilitySiteIdentifier 74S

Appendix D - Generic Aircraft Type Emission Factors

SCC	Process Description	CAS No	Pollutant	Emission factors (tons/LTO)
2275001000	Aircraft/Military	100414	Ethyl Benzene	1.25E-06
2275001000	Aircraft/Military	100425	Styrene	2.21E-06
2275001000	Aircraft/Military	106990	1,3-Butadiene	1.21E-05
2275001000	Aircraft/Military	107028	Acrolein	1.75E-05
2275001000	Aircraft/Military	108383	m-Xylene	2.02E-06
2275001000	Aircraft/Military	108883	Toluene	4.59E-06
2275001000	Aircraft/Military	108952	Phenol	5.20E-06
2275001000	Aircraft/Military	123386	Propionaldehyde	5.20E-06
2275001000	Aircraft/Military	50000	Formaldehyde	8.81E-05
2275001000	Aircraft/Military	67561	Methanol	1.29E-05
2275001000	Aircraft/Military	71432	Benzene	1.20E-05
2275001000	Aircraft/Military	75070	Acetaldehyde	3.06E-05
2275001000	Aircraft/Military	91203	Naphthalene	3.87E-06
2275001000	Aircraft/Military	91576	2-Methylnaphthalene	1.47E-06
2275001000	Aircraft/Military	95476	o-Xylene	1.19E-06
2275001000	Aircraft/Military	98828	Cumene	2.15E-08
2275001000	Aircraft/Military	CO	Carbon Monoxide	1.41E-02
2275001000	Aircraft/Military	NOX	Nitrogen Oxides	7.90E-05
2275001000	Aircraft/Military	PM10-PRI	PM10 Primary (Filt + Cond)	3.02E-04
2275001000	Aircraft/Military	PM25-PRI	PM2.5 Primary (Filt + Cond)	2.94E-04
2275001000	Aircraft/Military	SO2	Sulfur Dioxide	7.50E-06
2275001000	Aircraft/Military	VOC	Volatile Organic Compounds	7.10E-04
2275020000	Aircraft/Commercial	100414	Ethyl Benzene	5.41E-06
2275020000	Aircraft/Commercial	100425	Styrene	9.61E-06
2275020000	Aircraft/Commercial	106990	1,3-Butadiene	5.24E-05
2275020000	Aircraft/Commercial	107028	Acrolein	7.61E-05
2275020000	Aircraft/Commercial	108383	m-Xylene	8.77E-06
2275020000	Aircraft/Commercial	108883	Toluene	2.00E-05
2275020000	Aircraft/Commercial	108952	Phenol	2.26E-05
2275020000	Aircraft/Commercial	123386	Propionaldehyde	2.26E-05
2275020000	Aircraft/Commercial	191242	Benzo[g,h,i]Perylene	1.73E-11
2275020000	Aircraft/Commercial	193395	Indeno[1,2,3-c,d]Pyrene	2.05E-09
2275020000	Aircraft/Commercial	205992	Benzo[b]Fluoranthene	1.89E-09
2275020000	Aircraft/Commercial	206440	Fluoranthene	2.49E-09
2275020000	Aircraft/Commercial	207089	Benzo[k]Fluoranthene	1.89E-09
2275020000	Aircraft/Commercial	218019	Chrysene	1.31E-09
2275020000	Aircraft/Commercial	50000	Formaldehyde	3.83E-04
2275020000	Aircraft/Commercial	50328	Benzo[a]Pyrene	9.62E-10
2275020000	Aircraft/Commercial	53703	Dibenzo[a,h]Anthracene	2.55E-09
2275020000	Aircraft/Commercial	540841	2,2,4-Trimethylpentane	1.47E-06

Appendix D - Generic Aircraft Type Emission Factors

SCC	Process Description	CAS No	Pollutant	Emission factors (tons/LTO)
2275020000	Aircraft/Commercial	56553	Benz[a]Anthracene	1.30E-09
2275020000	Aircraft/Commercial	67561	Methanol	5.61E-05
2275020000	Aircraft/Commercial	71432	Benzene	5.23E-05
2275020000	Aircraft/Commercial	75070	Acetaldehyde	1.33E-04
2275020000	Aircraft/Commercial	85018	Phenanthrene	1.11E-08
2275020000	Aircraft/Commercial	91203	Naphthalene	1.68E-05
2275020000	Aircraft/Commercial	91576	2-Methylnaphthalene	6.40E-06
2275020000	Aircraft/Commercial	95476	o-Xylene	5.16E-06
2275020000	Aircraft/Commercial	98828	Cumene	9.33E-08
2275020000	Aircraft/Commercial	CO	Carbon Monoxide	1.12E-02
2275020000	Aircraft/Commercial	NOX	Nitrogen Oxides	9.29E-03
2275020000	Aircraft/Commercial	PM10-PRI	PM10 Primary (Filt + Cond)	5.39E-04
2275020000	Aircraft/Commercial	PM25-PRI	PM2.5 Primary (Filt + Cond)	5.26E-04
2275020000	Aircraft/Commercial	SO2	Sulfur Dioxide	8.91E-04
2275020000	Aircraft/Commercial	VOC	Volatile Organic Compounds	3.08E-03
2275050011	Aircraft /General Aviation /Piston	100414	Ethyl Benzene	1.39E-06
2275050011	Aircraft /General Aviation /Piston	100425	Styrene	3.22E-07
2275050011	Aircraft /General Aviation /Piston	106990	1,3-Butadiene	9.28E-07
2275050011	Aircraft /General Aviation /Piston	107028	Acrolein	5.68E-08
2275050011	Aircraft /General Aviation /Piston	108883	Toluene	9.85E-06
2275050011	Aircraft /General Aviation /Piston	110543	Hexane	6.63E-07
2275050011	Aircraft /General Aviation /Piston	120127	Anthracene	1.01E-07
2275050011	Aircraft /General Aviation /Piston	123386	Propionaldehyde	5.68E-08
2275050011	Aircraft /General Aviation /Piston	1330207	Xylenes (Mixed Isomers)	5.55E-06
2275050011	Aircraft /General Aviation /Piston	191242	Benzo[g,h,i,]Perylene	3.08E-08
2275050011	Aircraft /General Aviation /Piston	193395	Indeno[1,2,3-c,d]Pyrene	9.47E-09
2275050011	Aircraft /General Aviation /Piston	205992	Benzo[b]Fluoranthene	1.42E-08
2275050011	Aircraft /General Aviation /Piston	206440	Fluoranthene	1.08E-07
2275050011	Aircraft /General Aviation /Piston	207089	Benzo[k]Fluoranthene	1.42E-08
2275050011	Aircraft /General Aviation /Piston	208968	Acenaphthylene	4.88E-07
2275050011	Aircraft /General Aviation /Piston	218019	Chrysene	1.18E-08
2275050011	Aircraft /General Aviation /Piston	50000	Formaldehyde	2.55E-06
2275050011	Aircraft /General Aviation /Piston	50328	Benzo[a]Pyrene	1.18E-08
2275050011	Aircraft /General Aviation /Piston	540841	2,2,4-Trimethylpentane	3.39E-08
2275050011	Aircraft /General Aviation /Piston	56553	Benz[a]Anthracene	1.18E-08
2275050011	Aircraft /General Aviation /Piston	71432	Benzene	3.84E-06
2275050011	Aircraft /General Aviation /Piston	7439921	Lead	7.69E-06
2275050011	Aircraft /General Aviation /Piston	75070	Acetaldehyde	5.87E-07
2275050011	Aircraft /General Aviation /Piston	83329	Acenaphthene	8.64E-08
2275050011	Aircraft /General Aviation /Piston	85018	Phenanthrene	3.01E-07

Appendix D - Generic Aircraft Type Emission Factors

SCC	Process Description	CAS No	Pollutant	Emission factors (tons/LTO)
2275050011	Aircraft /General Aviation /Piston	86737	Fluorene	1.79E-07
2275050011	Aircraft /General Aviation /Piston	91203	Naphthalene	1.07E-05
2275050011	Aircraft /General Aviation /Piston	91203	Naphthalene	4.33E-07
2275050011	Aircraft /General Aviation /Piston	CO	Carbon Monoxide	6.01E-03
2275050011	Aircraft /General Aviation /Piston	NOX	Nitrogen Oxides	3.25E-05
2275050011	Aircraft /General Aviation /Piston	PM10-PRI	PM10 Primary (Filt + Cond)	1.18E-04
2275050011	Aircraft /General Aviation /Piston	PM25-PRI	PM2.5 Primary (Filt + Cond)	8.17E-05
2275050011	Aircraft /General Aviation /Piston	SO2	Sulfur Dioxide	5.00E-06
2275050011	Aircraft /General Aviation /Piston	VOC	Volatile Organic Compounds	7.52E-05
2275050012	Aircraft /General Aviation /Turbine	100414	Ethyl Benzene	6.05E-07
2275050012	Aircraft /General Aviation /Turbine	100425	Styrene	1.07E-06
2275050012	Aircraft /General Aviation /Turbine	106990	1,3-Butadiene	5.87E-06
2275050012	Aircraft /General Aviation /Turbine	107028	Acrolein	8.52E-06
2275050012	Aircraft /General Aviation /Turbine	108383	m-Xylene	9.81E-07
2275050012	Aircraft /General Aviation /Turbine	108883	Toluene	2.23E-06
2275050012	Aircraft /General Aviation /Turbine	108952	Phenol	2.52E-06
2275050012	Aircraft /General Aviation /Turbine	120127	Anthracene	5.22E-11
2275050012	Aircraft /General Aviation /Turbine	123386	Propionaldehyde	2.53E-06
2275050012	Aircraft /General Aviation /Turbine	191242	Benzo[g,h,i]Perylene	7.18E-13
2275050012	Aircraft /General Aviation /Turbine	206440	Fluoranthene	1.09E-10
2275050012	Aircraft /General Aviation /Turbine	218019	Chrysene	7.36E-12
2275050012	Aircraft /General Aviation /Turbine	50000	Formaldehyde	4.28E-05
2275050012	Aircraft /General Aviation /Turbine	50328	Benzo[a]Pyrene	4.33E-12
2275050012	Aircraft /General Aviation /Turbine	540841	2,2,4-Trimethylpentane	1.31E-07
2275050012	Aircraft /General Aviation /Turbine	56553	Benz[a]Anthracene	7.90E-12
2275050012	Aircraft /General Aviation /Turbine	67561	Methanol	6.28E-06
2275050012	Aircraft /General Aviation /Turbine	71432	Benzene	5.85E-06
2275050012	Aircraft /General Aviation /Turbine	75070	Acetaldehyde	1.49E-05
2275050012	Aircraft /General Aviation /Turbine	85018	Phenanthrene	4.86E-10
2275050012	Aircraft /General Aviation /Turbine	91203	Naphthalene	1.88E-06
2275050012	Aircraft /General Aviation /Turbine	91576	2-Methylnaphthalene	7.16E-07
2275050012	Aircraft /General Aviation /Turbine	95476	o-Xylene	5.77E-07
2275050012	Aircraft /General Aviation /Turbine	98828	Cumene	1.04E-08
2275050012	Aircraft /General Aviation /Turbine	CO	Carbon Monoxide	4.79E-03
2275050012	Aircraft /General Aviation /Turbine	NOX	Nitrogen Oxides	1.62E-04
2275050012	Aircraft /General Aviation /Turbine	PM10-PRI	PM10 Primary (Filt + Cond)	1.18E-04
2275050012	Aircraft /General Aviation /Turbine	PM25-PRI	PM2.5 Primary (Filt + Cond)	1.16E-04
2275050012	Aircraft /General Aviation /Turbine	SO2	Sulfur Dioxide	3.68E-05
2275050012	Aircraft /General Aviation /Turbine	VOC	Volatile Organic Compounds	3.45E-04
2275060011	Aircraft /Air Taxi /Piston	100414	Ethyl Benzene	1.39E-06

Appendix D - Generic Aircraft Type Emission Factors

SCC	Process Description	CAS No	Pollutant	Emission factors (tons/LTO)
2275060011	Aircraft /Air Taxi /Piston	100425	Styrene	3.22E-07
2275060011	Aircraft /Air Taxi /Piston	106990	1,3-Butadiene	9.28E-07
2275060011	Aircraft /Air Taxi /Piston	107028	Acrolein	5.68E-08
2275060011	Aircraft /Air Taxi /Piston	108883	Toluene	9.85E-06
2275060011	Aircraft /Air Taxi /Piston	110543	Hexane	6.63E-07
2275060011	Aircraft /Air Taxi /Piston	120127	Anthracene	2.56E-07
2275060011	Aircraft /Air Taxi /Piston	123386	Propionaldehyde	5.68E-08
2275060011	Aircraft /Air Taxi /Piston	1330207	Xylenes (Mixed Isomers)	5.55E-06
2275060011	Aircraft /Air Taxi /Piston	191242	Benzo[g,h,i,]Perylene	7.84E-08
2275060011	Aircraft /Air Taxi /Piston	193395	Indeno[1,2,3-c,d]Pyrene	2.41E-08
2275060011	Aircraft /Air Taxi /Piston	205992	Benzo[b]Fluoranthene	3.62E-08
2275060011	Aircraft /Air Taxi /Piston	206440	Fluoranthene	2.75E-07
2275060011	Aircraft /Air Taxi /Piston	207089	Benzo[k]Fluoranthene	3.62E-08
2275060011	Aircraft /Air Taxi /Piston	208968	Acenaphthylene	1.24E-06
2275060011	Aircraft /Air Taxi /Piston	218019	Chrysene	3.02E-08
2275060011	Aircraft /Air Taxi /Piston	50000	Formaldehyde	2.55E-06
2275060011	Aircraft /Air Taxi /Piston	50328	Benzo[a]Pyrene	3.02E-08
2275060011	Aircraft /Air Taxi /Piston	540841	2,2,4-Trimethylpentane	3.39E-08
2275060011	Aircraft /Air Taxi /Piston	56553	Benz[a]Anthracene	3.02E-08
2275060011	Aircraft /Air Taxi /Piston	71432	Benzene	3.84E-06
2275060011	Aircraft /Air Taxi /Piston	7439921	Lead	7.69E-06
2275060011	Aircraft /Air Taxi /Piston	75070	Acetaldehyde	5.87E-07
2275060011	Aircraft /Air Taxi /Piston	83329	Acenaphthene	2.20E-07
2275060011	Aircraft /Air Taxi /Piston	85018	Phenanthrene	7.66E-07
2275060011	Aircraft /Air Taxi /Piston	86737	Fluorene	4.56E-07
2275060011	Aircraft /Air Taxi /Piston	91203	Naphthalene	2.74E-05
2275060011	Aircraft /Air Taxi /Piston	91203	Naphthalene	4.33E-07
2275060011	Aircraft /Air Taxi /Piston	CO	Carbon Monoxide	1.41E-02
2275060011	Aircraft /Air Taxi /Piston	NOX	Nitrogen Oxides	7.90E-05
2275060011	Aircraft /Air Taxi /Piston	PM10-PRI	PM10 Primary (Filt + Cond)	3.02E-04
2275060011	Aircraft /Air Taxi /Piston	PM25-PRI	PM2.5 Primary (Filt + Cond)	2.08E-04
2275060011	Aircraft /Air Taxi /Piston	SO2	Sulfur Dioxide	7.50E-06
2275060011	Aircraft /Air Taxi /Piston	VOC	Volatile Organic Compounds	8.48E-05
2275060012	Aircraft /Air Taxi /Turbine	100414	Ethyl Benzene	8.83E-07
2275060012	Aircraft /Air Taxi /Turbine	100425	Styrene	1.57E-06
2275060012	Aircraft /Air Taxi /Turbine	106990	1,3-Butadiene	8.56E-06
2275060012	Aircraft /Air Taxi /Turbine	107028	Acrolein	1.24E-05
2275060012	Aircraft /Air Taxi /Turbine	108383	m-Xylene	1.43E-06
2275060012	Aircraft /Air Taxi /Turbine	108883	Toluene	3.26E-06
2275060012	Aircraft /Air Taxi /Turbine	108952	Phenol	3.68E-06

Appendix D - Generic Aircraft Type Emission Factors

SCC	Process Description	CAS No	Pollutant	Emission factors (tons/LTO)
2275060012	Aircraft /Air Taxi /Turbine	120127	Anthracene	1.33E-10
2275060012	Aircraft /Air Taxi /Turbine	123386	Propionaldehyde	3.69E-06
2275060012	Aircraft /Air Taxi /Turbine	191242	Benzo[g,h,i,]Perylene	1.83E-12
2275060012	Aircraft /Air Taxi /Turbine	206440	Fluoranthene	2.78E-10
2275060012	Aircraft /Air Taxi /Turbine	218019	Chrysene	1.88E-11
2275060012	Aircraft /Air Taxi /Turbine	50000	Formaldehyde	6.25E-05
2275060012	Aircraft /Air Taxi /Turbine	50328	Benzo[a]Pyrene	1.10E-11
2275060012	Aircraft /Air Taxi /Turbine	540841	2,2,4-Trimethylpentane	1.92E-07
2275060012	Aircraft /Air Taxi /Turbine	56553	Benz[a]Anthracene	2.01E-11
2275060012	Aircraft /Air Taxi /Turbine	67561	Methanol	9.16E-06
2275060012	Aircraft /Air Taxi /Turbine	71432	Benzene	8.53E-06
2275060012	Aircraft /Air Taxi /Turbine	75070	Acetaldehyde	2.17E-05
2275060012	Aircraft /Air Taxi /Turbine	85018	Phenanthrene	1.24E-09
2275060012	Aircraft /Air Taxi /Turbine	91203	Naphthalene	2.74E-06
2275060012	Aircraft /Air Taxi /Turbine	91576	2-Methylnaphthalene	1.05E-06
2275060012	Aircraft /Air Taxi /Turbine	95476	o-Xylene	8.42E-07
2275060012	Aircraft /Air Taxi /Turbine	98828	Cumene	1.52E-08
2275060012	Aircraft /Air Taxi /Turbine	CO	Carbon Monoxide	1.81E-03
2275060012	Aircraft /Air Taxi /Turbine	NOX	Nitrogen Oxides	3.88E-04
2275060012	Aircraft /Air Taxi /Turbine	PM10-PRI	PM10 Primary (Filt + Cond)	3.02E-04
2275060012	Aircraft /Air Taxi /Turbine	PM25-PRI	PM2.5 Primary (Filt + Cond)	2.94E-04
2275060012	Aircraft /Air Taxi /Turbine	SO2	Sulfur Dioxide	8.12E-05
2275060012	Aircraft /Air Taxi /Turbine	VOC	Volatile Organic Compounds	5.03E-04

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	2,2,4-Trimethylpentane	540841	5.58
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Acetaldehyde	75070	1.80
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Benzene	71432	6.51
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Carbon Monoxide	CO	11,598.44
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Ethyl Benzene	100414	2.49
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Formaldehyde	50000	5.33
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Methane	CH4	9.12
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	m-Xylene	108383	6.92
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Nitrogen Oxides	NOX	1,244.00
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	o-Xylene	95476	3.39
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	PM10 Primary (Filt + Cond)	PM10-PRI	39.97
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	PM2.5 Primary (Filt + Cond)	PM25-PRI	38.25
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Propionaldehyde	123386	1.10
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Sulfur Dioxide	SO2	25.74
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Toluene	108883	11.09
2265008005	GSE-Off-highway Vehicle Gasoline, 4-Stroke	Volatile Organic Compounds	VOC	393.87
2267008005	GSE-LPG	2,2,4-Trimethylpentane	540841	0.55
2267008005	GSE-LPG	Acetaldehyde	75070	0.18
2267008005	GSE-LPG	Benzene	71432	0.64
2267008005	GSE-LPG	Carbon Monoxide	CO	1,139.35
2267008005	GSE-LPG	Ethyl Benzene	100414	0.24
2267008005	GSE-LPG	Formaldehyde	50000	0.52
2267008005	GSE-LPG	Methane	CH4	0.90
2267008005	GSE-LPG	m-Xylene	108383	0.68
2267008005	GSE-LPG	Nitrogen Oxides	NOX	122.20
2267008005	GSE-LPG	o-Xylene	95476	0.33

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2267008005	GSE-LPG	PM10 Primary (Filt + Cond)	PM10-PRI	3.93
2267008005	GSE-LPG	PM2.5 Primary (Filt + Cond)	PM25-PRI	3.76
2267008005	GSE-LPG	Propionaldehyde	123386	0.11
2267008005	GSE-LPG	Sulfur Dioxide	SO2	2.53
2267008005	GSE-LPG	Toluene	108883	1.09
2267008005	GSE-LPG	Volatile Organic Compounds	VOC	38.69
2268008005	GSE-CNG	2,2,4-Trimethylpentane	540841	0.43
2268008005	GSE-CNG	Acetaldehyde	75070	0.14
2268008005	GSE-CNG	Benzene	71432	0.51
2268008005	GSE-CNG	Carbon Monoxide	CO	900.99
2268008005	GSE-CNG	Ethyl Benzene	100414	0.19
2268008005	GSE-CNG	Formaldehyde	50000	0.41
2268008005	GSE-CNG	Methane	CH4	0.71
2268008005	GSE-CNG	m-Xylene	108383	0.54
2268008005	GSE-CNG	Nitrogen Oxides	NOX	96.64
2268008005	GSE-CNG	o-Xylene	95476	0.26
2268008005	GSE-CNG	PM10 Primary (Filt + Cond)	PM10-PRI	3.10
2268008005	GSE-CNG	PM2.5 Primary (Filt + Cond)	PM25-PRI	2.97
2268008005	GSE-CNG	Propionaldehyde	123386	0.085
2268008005	GSE-CNG	Sulfur Dioxide	SO2	2.00
2268008005	GSE-CNG	Toluene	108883	0.86
2268008005	GSE-CNG	Volatile Organic Compounds	VOC	30.60
2270008005	GSE-Off-highway Vehicle Diesel	2,2,4-Trimethylpentane	540841	26.55
2270008005	GSE-Off-highway Vehicle Diesel	Acetaldehyde	75070	8.56
2270008005	GSE-Off-highway Vehicle Diesel	Benzene	71432	30.97
2270008005	GSE-Off-highway Vehicle Diesel	Carbon Monoxide	CO	55,146.21

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2270008005	GSE-Off-highway Vehicle Diesel	Ethyl Benzene	100414	11.86
2270008005	GSE-Off-highway Vehicle Diesel	Formaldehyde	50000	25.34
2270008005	GSE-Off-highway Vehicle Diesel	Methane	CH4	43.36
2270008005	GSE-Off-highway Vehicle Diesel	m-Xylene	108383	32.92
2270008005	GSE-Off-highway Vehicle Diesel	Nitrogen Oxides	NOX	5,914.76
2270008005	GSE-Off-highway Vehicle Diesel	o-Xylene	95476	16.10
2270008005	GSE-Off-highway Vehicle Diesel	PM10 Primary (Filt + Cond)	PM10-PRI	190.04
2270008005	GSE-Off-highway Vehicle Diesel	PM2.5 Primary (Filt + Cond)	PM25-PRI	181.85
2270008005	GSE-Off-highway Vehicle Diesel	Propionaldehyde	123386	5.21
2270008005	GSE-Off-highway Vehicle Diesel	Sulfur Dioxide	SO2	122.37
2270008005	GSE-Off-highway Vehicle Diesel	Toluene	108883	52.74
2270008005	GSE-Off-highway Vehicle Diesel	Volatile Organic Compounds	VOC	1,872.69
2275001000	Aircraft/Military	1,3-Butadiene	106990	63.73
2275001000	Aircraft/Military	1-Methylnaphthalene	90120	9.33
2275001000	Aircraft/Military	2-Methylnaphthalene	91576	7.78
2275001000	Aircraft/Military	Acetaldehyde	75070	161.38
2275001000	Aircraft/Military	Acrolein	107028	92.52
2275001000	Aircraft/Military	Benzene	71432	63.50
2275001000	Aircraft/Military	Carbon Dioxide	CO2	348,115.75
2275001000	Aircraft/Military	Carbon Monoxide	CO	38,989.65
2275001000	Aircraft/Military	Cumene	98828	0.11
2275001000	Aircraft/Military	Ethyl Benzene	100414	6.57
2275001000	Aircraft/Military	Formaldehyde	50000	465.04
2275001000	Aircraft/Military	Methane	CH4	0.0082
2275001000	Aircraft/Military	Methanol	67561	68.19
2275001000	Aircraft/Military	m-Xylene	108383	10.65

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275001000	Aircraft/Military	Naphthalene	91203	10.87
2275001000	Aircraft/Military	Nitrogen Oxides	NOX	1,071.98
2275001000	Aircraft/Military	o-Xylene	95476	6.27
2275001000	Aircraft/Military	Phenol	108952	27.43
2275001000	Aircraft/Military	PM10 Primary (Filt + Cond)	PM10-PRI	745.72
2275001000	Aircraft/Military	PM2.5 Primary (Filt + Cond)	PM25-PRI	727.82
2275001000	Aircraft/Military	Propionaldehyde	123386	27.46
2275001000	Aircraft/Military	Styrene	100425	11.67
2275001000	Aircraft/Military	Sulfur Dioxide	SO2	161.11
2275001000	Aircraft/Military	Toluene	108883	24.25
2275001000	Aircraft/Military	Volatile Organic Compounds	VOC	3,752.06
2275020000	Aircraft/Commercial	1,3-Butadiene	106990	210.93
2275020000	Aircraft/Commercial	1-Methylnaphthalene	90120	30.88
2275020000	Aircraft/Commercial	2,2,4-Trimethylpentane	540841	0.40
2275020000	Aircraft/Commercial	2-Methylnaphthalene	91576	25.76
2275020000	Aircraft/Commercial	Acetaldehyde	75070	534.14
2275020000	Aircraft/Commercial	Acrolein	107028	306.21
2275020000	Aircraft/Commercial	Benz[a]Anthracene	56553	0.00035
2275020000	Aircraft/Commercial	Benzene	71432	210.18
2275020000	Aircraft/Commercial	Benzo[a]Pyrene	50328	0.00026
2275020000	Aircraft/Commercial	Benzo[b]Fluoranthene	205992	0.00051
2275020000	Aircraft/Commercial	Benzo[g,h,i,]Perylene	191242	0.0000047
2275020000	Aircraft/Commercial	Benzo[k]Fluoranthene	207089	0.00051
2275020000	Aircraft/Commercial	Carbon Dioxide	CO2	28,289,313.88
2275020000	Aircraft/Commercial	Carbon Monoxide	CO	98,343.42
2275020000	Aircraft/Commercial	Chrysene	218019	0.00036

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275020000	Aircraft/Commercial	Cumene	98828	0.38
2275020000	Aircraft/Commercial	Dibenzo[a,h]Anthracene	53703	0.00069
2275020000	Aircraft/Commercial	Ethyl Benzene	100414	21.76
2275020000	Aircraft/Commercial	Fluoranthene	206440	0.00068
2275020000	Aircraft/Commercial	Formaldehyde	50000	1,539.17
2275020000	Aircraft/Commercial	Indeno[1,2,3-c,d]Pyrene	193395	0.00056
2275020000	Aircraft/Commercial	Methanol	67561	225.69
2275020000	Aircraft/Commercial	m-Xylene	108383	35.26
2275020000	Aircraft/Commercial	Naphthalene	91203	63.08
2275020000	Aircraft/Commercial	Nitrogen Oxides	NOX	104,045.49
2275020000	Aircraft/Commercial	o-Xylene	95476	20.76
2275020000	Aircraft/Commercial	Phenanthrene	85018	0.00302
2275020000	Aircraft/Commercial	Phenol	108952	90.77
2275020000	Aircraft/Commercial	PM10 Primary (Filt + Cond)	PM10-PRI	1,447.84
2275020000	Aircraft/Commercial	PM2.5 Primary (Filt + Cond)	PM25-PRI	1,444.34
2275020000	Aircraft/Commercial	Propionaldehyde	123386	90.90
2275020000	Aircraft/Commercial	Pyrene	129000	0.00082
2275020000	Aircraft/Commercial	Styrene	100425	38.64
2275020000	Aircraft/Commercial	Sulfur Dioxide	SO2	12,456.33
2275020000	Aircraft/Commercial	Toluene	108883	80.27
2275020000	Aircraft/Commercial	Volatile Organic Compounds	VOC	15,093.60
2275050011	Aircraft /General Aviation /Piston	1,3-Butadiene	106990	28.73
2275050011	Aircraft /General Aviation /Piston	1-Methylnaphthalene	90120	0.0000065
2275050011	Aircraft /General Aviation /Piston	2,2,4-Trimethylpentane	540841	1.02
2275050011	Aircraft /General Aviation /Piston	2-Methylnaphthalene	91576	0.0000055
2275050011	Aircraft /General Aviation /Piston	Acenaphthene	83329	2.60

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275050011	Aircraft /General Aviation /Piston	Acenaphthylene	208968	14.65
2275050011	Aircraft /General Aviation /Piston	Acetaldehyde	75070	19.95
2275050011	Aircraft /General Aviation /Piston	Acrolein	107028	2.81
2275050011	Aircraft /General Aviation /Piston	Anthracene	120127	3.02
2275050011	Aircraft /General Aviation /Piston	Benz[a]Anthracene	56553	0.36
2275050011	Aircraft /General Aviation /Piston	Benzene	71432	116.21
2275050011	Aircraft /General Aviation /Piston	Benzo[a]Pyrene	50328	0.36
2275050011	Aircraft /General Aviation /Piston	Benzo[b]Fluoranthene	205992	0.43
2275050011	Aircraft /General Aviation /Piston	Benzo[g,h,i,]Perylene	191242	0.92
2275050011	Aircraft /General Aviation /Piston	Benzo[k]Fluoranthene	207089	0.43
2275050011	Aircraft /General Aviation /Piston	Carbon Dioxide	CO2	8,469.50
2275050011	Aircraft /General Aviation /Piston	Carbon Monoxide	CO	182,226.34
2275050011	Aircraft /General Aviation /Piston	Chrysene	218019	0.36
2275050011	Aircraft /General Aviation /Piston	Cumene	98828	0.000000080
2275050011	Aircraft /General Aviation /Piston	Ethyl Benzene	100414	41.91
2275050011	Aircraft /General Aviation /Piston	Fluoranthene	206440	3.23
2275050011	Aircraft /General Aviation /Piston	Fluorene	86737	5.37
2275050011	Aircraft /General Aviation /Piston	Formaldehyde	50000	84.11
2275050011	Aircraft /General Aviation /Piston	Hexane	110543	19.92
2275050011	Aircraft /General Aviation /Piston	Indeno[1,2,3-c,d]Pyrene	193395	0.28
2275050011	Aircraft /General Aviation /Piston	Lead	7439921	231.19
2275050011	Aircraft /General Aviation /Piston	Methane	CH4	5.86
2275050011	Aircraft /General Aviation /Piston	Methanol	67561	0.000048
2275050011	Aircraft /General Aviation /Piston	m-Xylene	108383	0.14
2275050011	Aircraft /General Aviation /Piston	Naphthalene	91203	335.70
2275050011	Aircraft /General Aviation /Piston	Nitrogen Oxides	NOX	981.73

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275050011	Aircraft /General Aviation /Piston	o-Xylene	95476	0.10
2275050011	Aircraft /General Aviation /Piston	Phenanthrene	85018	9.03
2275050011	Aircraft /General Aviation /Piston	Phenol	108952	0.12
2275050011	Aircraft /General Aviation /Piston	PM10 Primary (Filt + Cond)	PM10-PRI	3,554.86
2275050011	Aircraft /General Aviation /Piston	PM2.5 Primary (Filt + Cond)	PM25-PRI	2,452.86
2275050011	Aircraft /General Aviation /Piston	Propionaldehyde	123386	2.19
2275050011	Aircraft /General Aviation /Piston	Pyrene	129000	4.41
2275050011	Aircraft /General Aviation /Piston	Styrene	100425	9.87
2275050011	Aircraft /General Aviation /Piston	Sulfur Dioxide	SO2	153.65
2275050011	Aircraft /General Aviation /Piston	Toluene	108883	296.21
2275050011	Aircraft /General Aviation /Piston	Volatile Organic Compounds	VOC	2,305.45
2275050011	Aircraft /General Aviation /Piston	Xylenes (Mixed Isomers)	1330207	166.76
2275050012	Aircraft /General Aviation /Turbine	1,3-Butadiene	106990	65.10
2275050012	Aircraft /General Aviation /Turbine	1-Methylnaphthalene	90120	9.53
2275050012	Aircraft /General Aviation /Turbine	2,2,4-Trimethylpentane	540841	1.42
2275050012	Aircraft /General Aviation /Turbine	2-Methylnaphthalene	91576	7.95
2275050012	Aircraft /General Aviation /Turbine	Acetaldehyde	75070	164.84
2275050012	Aircraft /General Aviation /Turbine	Acrolein	107028	94.50
2275050012	Aircraft /General Aviation /Turbine	Anthracene	120127	0.00057
2275050012	Aircraft /General Aviation /Turbine	Benz[a]Anthracene	56553	0.000086
2275050012	Aircraft /General Aviation /Turbine	Benzene	71432	64.86
2275050012	Aircraft /General Aviation /Turbine	Benzo[a]Pyrene	50328	0.000047
2275050012	Aircraft /General Aviation /Turbine	Benzo[g,h,i,]Perylene	191242	0.000078
2275050012	Aircraft /General Aviation /Turbine	Carbon Dioxide	CO2	39,044.06
2275050012	Aircraft /General Aviation /Turbine	Carbon Monoxide	CO	52,250.61
2275050012	Aircraft /General Aviation /Turbine	Chrysene	218019	0.000080

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275050012	Aircraft /General Aviation /Turbine	Cumene	98828	0.12
2275050012	Aircraft /General Aviation /Turbine	Ethyl Benzene	100414	6.71
2275050012	Aircraft /General Aviation /Turbine	Fluoranthene	206440	0.0012
2275050012	Aircraft /General Aviation /Turbine	Formaldehyde	50000	475.01
2275050012	Aircraft /General Aviation /Turbine	Methanol	67561	69.65
2275050012	Aircraft /General Aviation /Turbine	m-Xylene	108383	10.88
2275050012	Aircraft /General Aviation /Turbine	Naphthalene	91203	0.46
2275050012	Aircraft /General Aviation /Turbine	Nitrogen Oxides	NOX	1,836.64
2275050012	Aircraft /General Aviation /Turbine	o-Xylene	95476	6.41
2275050012	Aircraft /General Aviation /Turbine	Phenanthrene	85018	0.0053
2275050012	Aircraft /General Aviation /Turbine	Phenol	108952	28.01
2275050012	Aircraft /General Aviation /Turbine	PM10 Primary (Filt + Cond)	PM10-PRI	1,286.96
2275050012	Aircraft /General Aviation /Turbine	PM2.5 Primary (Filt + Cond)	PM25-PRI	1,256.14
2275050012	Aircraft /General Aviation /Turbine	Propionaldehyde	123386	28.05
2275050012	Aircraft /General Aviation /Turbine	Pyrene	129000	0.0014
2275050012	Aircraft /General Aviation /Turbine	Styrene	100425	11.92
2275050012	Aircraft /General Aviation /Turbine	Sulfur Dioxide	SO2	415.19
2275050012	Aircraft /General Aviation /Turbine	Toluene	108883	24.77
2275050012	Aircraft /General Aviation /Turbine	Volatile Organic Compounds	VOC	3,832.92
2275060011	Aircraft /Air Taxi /Piston	1,3-Butadiene	106990	9.71
2275060011	Aircraft /Air Taxi /Piston	1-Methylnaphthalene	90120	0.51
2275060011	Aircraft /Air Taxi /Piston	2,2,4-Trimethylpentane	540841	0.039
2275060011	Aircraft /Air Taxi /Piston	2-Methylnaphthalene	91576	0.42
2275060011	Aircraft /Air Taxi /Piston	Acenaphthene	83329	0.25
2275060011	Aircraft /Air Taxi /Piston	Acenaphthylene	208968	1.42
2275060011	Aircraft /Air Taxi /Piston	Acetaldehyde	75070	23.73

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275060011	Aircraft /Air Taxi /Piston	Acrolein	107028	11.90
2275060011	Aircraft /Air Taxi /Piston	Anthracene	120127	0.29
2275060011	Aircraft /Air Taxi /Piston	Benz[a]Anthracene	56553	0.034
2275060011	Aircraft /Air Taxi /Piston	Benzene	71432	13.74
2275060011	Aircraft /Air Taxi /Piston	Benzo[a]Pyrene	50328	0.034
2275060011	Aircraft /Air Taxi /Piston	Benzo[b]Fluoranthene	205992	0.041
2275060011	Aircraft /Air Taxi /Piston	Benzo[g,h,i,]Perylene	191242	0.089
2275060011	Aircraft /Air Taxi /Piston	Benzo[k]Fluoranthene	207089	0.041
2275060011	Aircraft /Air Taxi /Piston	Carbon Dioxide	CO2	400,352.06
2275060011	Aircraft /Air Taxi /Piston	Carbon Monoxide	CO	31,536.24
2275060011	Aircraft /Air Taxi /Piston	Chrysene	218019	0.034
2275060011	Aircraft /Air Taxi /Piston	Cumene	98828	0.006
2275060011	Aircraft /Air Taxi /Piston	Ethyl Benzene	100414	2.44
2275060011	Aircraft /Air Taxi /Piston	Fluoranthene	206440	0.31
2275060011	Aircraft /Air Taxi /Piston	Fluorene	86737	0.52
2275060011	Aircraft /Air Taxi /Piston	Formaldehyde	50000	74.95
2275060011	Aircraft /Air Taxi /Piston	Hexane	110543	0.76
2275060011	Aircraft /Air Taxi /Piston	Indeno[1,2,3-c,d]Pyrene	193395	0.027
2275060011	Aircraft /Air Taxi /Piston	Lead	7439921	13.58
2275060011	Aircraft /Air Taxi /Piston	Methane	CH4	36.27
2275060011	Aircraft /Air Taxi /Piston	Methanol	67561	3.70
2275060011	Aircraft /Air Taxi /Piston	m-Xylene	108383	1.44
2275060011	Aircraft /Air Taxi /Piston	Naphthalene	91203	34.46
2275060011	Aircraft /Air Taxi /Piston	Nitrogen Oxides	NOX	2,529.63
2275060011	Aircraft /Air Taxi /Piston	o-Xylene	95476	0.94
2275060011	Aircraft /Air Taxi /Piston	Phenanthrene	85018	0.87

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275060011	Aircraft /Air Taxi /Piston	Phenol	108952	2.22
2275060011	Aircraft /Air Taxi /Piston	PM10 Primary (Filt + Cond)	PM10-PRI	409.24
2275060011	Aircraft /Air Taxi /Piston	PM2.5 Primary (Filt + Cond)	PM25-PRI	302.71
2275060011	Aircraft /Air Taxi /Piston	Propionaldehyde	123386	4.53
2275060011	Aircraft /Air Taxi /Piston	Pyrene	129000	0.43
2275060011	Aircraft /Air Taxi /Piston	Styrene	100425	2.23
2275060011	Aircraft /Air Taxi /Piston	Sulfur Dioxide	SO2	186.11
2275060011	Aircraft /Air Taxi /Piston	Toluene	108883	14.16
2275060011	Aircraft /Air Taxi /Piston	Volatile Organic Compounds	VOC	588.05
2275060011	Aircraft /Air Taxi /Piston	Xylenes (Mixed Isomers)	1330207	6.32
2275060012	Aircraft /Air Taxi /Turbine	1,3-Butadiene	106990	60.96
2275060012	Aircraft /Air Taxi /Turbine	1-Methylnaphthalene	90120	8.33
2275060012	Aircraft /Air Taxi /Turbine	2,2,4-Trimethylpentane	540841	0.69
2275060012	Aircraft /Air Taxi /Turbine	2-Methylnaphthalene	91576	6.95
2275060012	Aircraft /Air Taxi /Turbine	Acetaldehyde	75070	155.27
2275060012	Aircraft /Air Taxi /Turbine	Acrolein	107028	87.93
2275060012	Aircraft /Air Taxi /Turbine	Anthracene	120127	0.00048
2275060012	Aircraft /Air Taxi /Turbine	Benz[a]Anthracene	56553	0.000073
2275060012	Aircraft /Air Taxi /Turbine	Benzene	71432	61.33
2275060012	Aircraft /Air Taxi /Turbine	Benzo[a]Pyrene	50328	0.000040
2275060012	Aircraft /Air Taxi /Turbine	Benzo[g,h,i,]Perylene	191242	0.0000066
2275060012	Aircraft /Air Taxi /Turbine	Carbon Dioxide	CO2	858,795.59
2275060012	Aircraft /Air Taxi /Turbine	Carbon Monoxide	CO	15,304.05
2275060012	Aircraft /Air Taxi /Turbine	Chrysene	218019	0.000068
2275060012	Aircraft /Air Taxi /Turbine	Cumene	98828	0.10
2275060012	Aircraft /Air Taxi /Turbine	Ethyl Benzene	100414	6.26

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275060012	Aircraft /Air Taxi /Turbine	Fluoranthene	206440	0.00101
2275060012	Aircraft /Air Taxi /Turbine	Formaldehyde	50000	451.79
2275060012	Aircraft /Air Taxi /Turbine	Lead	7439921	0.0054
2275060012	Aircraft /Air Taxi /Turbine	Methane	CH4	28.35
2275060012	Aircraft /Air Taxi /Turbine	Methanol	67561	60.88
2275060012	Aircraft /Air Taxi /Turbine	m-Xylene	108383	10.18
2275060012	Aircraft /Air Taxi /Turbine	Naphthalene	91203	9.63
2275060012	Aircraft /Air Taxi /Turbine	Nitrogen Oxides	NOX	3,054.45
2275060012	Aircraft /Air Taxi /Turbine	o-Xylene	95476	6.06
2275060012	Aircraft /Air Taxi /Turbine	Phenanthrene	85018	0.00448
2275060012	Aircraft /Air Taxi /Turbine	Phenol	108952	25.06
2275060012	Aircraft /Air Taxi /Turbine	PM10 Primary (Filt + Cond)	PM10-PRI	1,104.69
2275060012	Aircraft /Air Taxi /Turbine	PM2.5 Primary (Filt + Cond)	PM25-PRI	1,078.49
2275060012	Aircraft /Air Taxi /Turbine	Propionaldehyde	123386	26.85
2275060012	Aircraft /Air Taxi /Turbine	Pyrene	129000	0.0012
2275060012	Aircraft /Air Taxi /Turbine	Styrene	100425	11.38
2275060012	Aircraft /Air Taxi /Turbine	Sulfur Dioxide	SO2	723.24
2275060012	Aircraft /Air Taxi /Turbine	Toluene	108883	22.92
2275060012	Aircraft /Air Taxi /Turbine	Volatile Organic Compounds	VOC	3,605.02
2275070000	APU	1,3-Butadiene	106990	4.67
2275070000	APU	1-Methylnaphthalene	90120	0.68
2275070000	APU	2-Methylnaphthalene	91576	0.57
2275070000	APU	Acetaldehyde	75070	11.82
2275070000	APU	Acrolein	107028	6.77
2275070000	APU	Benzene	71432	4.65
2275070000	APU	Carbon Monoxide	CO	3,576.93

Appendix E – Total Annual Emissions by SCC

SCC	SCC Description	Pollutant	Pollutant CAS	Emissions (Ton)
2275070000	APU	Cumene	98828	0.0083
2275070000	APU	Ethyl Benzene	100414	0.48
2275070000	APU	Formaldehyde	50000	34.05
2275070000	APU	Methanol	67561	4.99
2275070000	APU	m-Xylene	108383	0.78
2275070000	APU	Naphthalene	91203	1.50
2275070000	APU	Nitrogen Oxides	NOX	2,716.64
2275070000	APU	o-Xylene	95476	0.46
2275070000	APU	Phenol	108952	2.01
2275070000	APU	PM10 Primary (Filt + Cond)	PM10-PRI	410.24
2275070000	APU	PM2.5 Primary (Filt + Cond)	PM25-PRI	410.24
2275070000	APU	Propionaldehyde	123386	2.01
2275070000	APU	Styrene	100425	0.85
2275070000	APU	Sulfur Dioxide	SO2	412.29
2275070000	APU	Toluene	108883	1.78
2275070000	APU	Volatile Organic Compounds	VOC	275.18