Sample APU Emission Inventory (3 Runway System)

FLIGHT Key	FLIGHT ID	Arrival (A) / Departure (D)	IATA TYPE	IATA SUBTYPE	APU Model [1]	Taxi Time [3]	Stand Movement Time [4]	Total APU Operating Time	Pollutant Emissions from APU (kg)					
						(min)	(min)	(min)	CO	VOC	NO_x	SO_x	RSP	FSP [5]
452	D10CXSE17	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
453	D10CITW08	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
454	A10KAML23	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
455	D10KAML17	D	330	333	GTCP331-350	5	0	5	0.0318	0.0045	0.1695	0.0171	0.0092	0.0092
456	D10BRTW08	D	32S	321	GTCP131-9A	5	0	5	0.0470	0.0041	0.0640	0.0096	0.0078	0.0078
457	D10CXMLC3	D	77F	77F	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
458	D10YZRMLC3	D	73F	73F	APS2000	5	0	5	0.0363	0.0040	0.0258	0.0056	0.0052	0.0052
460	A10BKBTN	A	330	332	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018
461	D10RPC3190	D	32N	3N1	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
462	A10HSABE	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
463	D10BLHN	D	77F	77F	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
464	D10AIOT03	D	787	788	APS5000	5	0	5	0.0376	0.0045	0.0867	0.0091	0.0083	0.0083
465	D10CXSE03	D	777	77W	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
466	A10BHYJ	A	330	333	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018
467	A10KAML182	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
469	D10BHSJ	D	32N	3N0	GTCP131-9N	5	4	9	0.0762	0.0066	0.1037	0.0156	0.0126	0.0126
470	A10VTJEK	A	777	77W	GTCP331-500B	1	5	6	0.0460	0.0056	0.2774	0.0243	0.0111	0.0111
471	A109MAHG	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
472	D10NHJP03	D	787	788	APS5000	5	12	17	0.1280	0.0153	0.2947	0.0310	0.0283	0.0283
473	A109VSFGWW25	A	77F	77F	GTCP331-500B	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
474	D10MUML13	D	32N	3N0	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
475	D10JSASE03	D	787	788	APS5000	5	0	5	0.0376	0.0045	0.0867	0.0091	0.0083	0.0083
476	D10CKSNA2WW18	D	74F	74Y	PW901A	5	0	5	0.5473	0.0563	0.1027	0.0326	0.0936	0.0936
478	D10KAML05	D	330	333	GTCP331-350	5	4	9	0.0573	0.0082	0.3051	0.0308	0.0166	0.0166
479	A10PALSE02	A	787	789	APS5000	1	0	1	0.0075	0.0009	0.0173	0.0018	0.0017	0.0017
480	D10CXOT03N31	D	777	77W	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
481	D10KAML35	D	330	333	GTCP331-350	5	20	25	0.1592	0.0226	0.8476	0.0856	0.0462	0.0462
482	A10HXSE332	A	350	358	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
483	A109VJSE	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
484	A10CXTW07	A	350	351	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
485	D10B16311N30	D	77X	7X8	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
486	A10CXOT33	A	350	359	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
487	D10BHYI	D	330	333	GTCP331-350	5	0	5	0.0318	0.0045	0.1695	0.0171	0.0092	0.0092
488	D10CXJP08N	D	350	351	HGT1700	5	11	16	0.1103	0.0134	0.6658	0.0583	0.0266	0.0266
489	D10CZML21	D	32N	3N1	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
490	D10UOML03	D	32N	3N0	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
492	A10UOML01N	A	330	332	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018

Sample APU Emission Inventory (3 Runway System)

FLIGHT Key	FLIGHT ID	Arrival (A) / Departure (D)	IATA TYPE	IATA SUBTYPE	APU Model [1]	Taxi Time [3]	Stand Movement Time [4]	Total APU Operating Time	Pollutant Emissions from APU (kg)					
						(min)	(min)	(min)	CO	VOC	NO_x	SO_x	RSP	FSP [5]
493	D10BKPL	D	777	77W	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
494	A10CZML04	A	73M	7M8	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
495	A10CAML09	A	73M	7M8	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
496	D10CITW09	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
497	D10HSTES	D	330	333	GTCP331-350	5	21	26	0.1656	0.0236	0.8815	0.0890	0.0480	0.0480
498	D11CXOTC10	D	35F	35F	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
499	D10N741CK	D	74F	74Y	PW901A	5	0	5	0.5473	0.0563	0.1027	0.0326	0.0936	0.0936
500	D10BHOR	D	777	773	GTCP331-500B	5	4	9	0.0689	0.0084	0.4161	0.0365	0.0166	0.0166
501	A10B6366	A	32S	321	APS3200	1	0	1	0.0094	0.0008	0.0128	0.0019	0.0016	0.0016
502	A10CAML19	A	32N	3N1	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
503	D10CXJP01	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
504	A10CXML15	A	350	359	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
505	D10COJP01N	D	737	738	GTCP131-9B	5	0	5	0.0470	0.0041	0.0640	0.0096	0.0078	0.0078
506	A10KAML54	A	32N	3N1	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
507	D10B18612	D	73M	7M8	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
508	A10SQSE10	A	350	359	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
509	D10SQSE03N30	D	77X	7X9	HGT1700	5	3	8	0.0551	0.0067	0.3329	0.0292	0.0133	0.0133
510	D10B16821	D	CSE	CS1	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
511	D10CXTW02	D	330	333	GTCP331-350	5	14	19	0.1210	0.0172	0.6442	0.0651	0.0351	0.0351
512	D10MUML10	D	32S	320	GTCP131-9A	5	0	5	0.0470	0.0041	0.0640	0.0096	0.0078	0.0078
513	A10KAOT06N	A	32S	320	APS3200	1	0	1	0.0094	0.0008	0.0128	0.0019	0.0016	0.0016
514	A10HXML17N30	A	330	332	GTCP331-350	1	8	9	0.0573	0.0082	0.3051	0.0308	0.0166	0.0166
516	D10BLAJN	D	350	351	HGT1700	5	2	7	0.0482	0.0059	0.2913	0.0255	0.0116	0.0116
517	A10BHWK	A	330	333	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018
518	A10B2228	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
519	A10MUML06	A	32S	320	GTCP131-9A	1	0	1	0.0094	0.0008	0.0128	0.0019	0.0016	0.0016
520	A10KAOT13	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
521	D10CXJP12	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
522	A10CZML03	A	73M	7M8	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
523	D10CITW03	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
524	A10BHSK	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
525	D10JLJP01	D	787	789	APS5000	5	4	9	0.0678	0.0081	0.1560	0.0164	0.0150	0.0150
526	A10CXSE12	A	350	351	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
527	D10CXML19	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
528	A10HXML02	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
529	A10CXEUC3	A	74N	74N	PW901C	1	0	1	0.1095	0.0113	0.0205	0.0065	0.0187	0.0187
530	D10GGOT551	D	77X	7X8	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083

Sample APU Emission Inventory (3 Runway System)

FLIGHT Key	FLIGHT ID	Arrival (A) / Departure (D)	IATA TYPE	IATA SUBTYPE	APU Model [1]	Taxi Time [3]	Stand Movement Time [4]	Total APU Operating Time	Pollutant Emissions from APU (kg)					
						(min)	(min)	(min)	CO	VOC	NO_x	SO_x	RSP	FSP [5]
531	A10CXOT16	A	350	359	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
532	D10BHSM	D	330	333	GTCP331-350	5	0	5	0.0318	0.0045	0.1695	0.0171	0.0092	0.0092
533	A109VTARN	A	32S	320	APS3200	1	0	1	0.0094	0.0008	0.0128	0.0019	0.0016	0.0016
534	A10B6261	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
535	A10B5020	A	73M	7M8	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
536	A10CAML157M30	A	32N	3N1	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
537	D10CXAUS9	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
538	D10RPC3250	D	32N	3N1	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
539	A10SPAML881N30	A	32S	320	GTCP131-9A	1	0	1	0.0094	0.0008	0.0128	0.0019	0.0016	0.0016
540	A10CITW05	A	73M	7M8	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
541	D10DLNA02	D	77X	7X8	HGT1700	5	17	22	0.1516	0.0185	0.9154	0.0802	0.0366	0.0366
542	A10GGSSD	A	74N	74N	PW901C	1	0	1	0.1095	0.0113	0.0205	0.0065	0.0187	0.0187
543	A10CXOT24	A	350	359	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
544	A10CITW13	A	73M	7M8	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
545	D11CZML22	D	32N	3N1	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
546	D10KAML53	D	32N	3N0	GTCP131-9N	5	0	5	0.0423	0.0037	0.0576	0.0087	0.0070	0.0070
547	A10LYOT03	A	787	788	APS5000	1	0	1	0.0075	0.0009	0.0173	0.0018	0.0017	0.0017
548	A10ZHML02N23N	A	737	738	GTCP131-9B	1	0	1	0.0094	0.0008	0.0128	0.0019	0.0016	0.0016
549	A10AIQSE01	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
550	A10LDEUC2	A	33F	33F	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018
551	A10NCJPC2WW23	A	74N	74N	PW901C	1	0	1	0.1095	0.0113	0.0205	0.0065	0.0187	0.0187
552	A10B2331	A	32N	3N0	GTCP131-9N	1	0	1	0.0085	0.0007	0.0115	0.0017	0.0014	0.0014
553	A10BLAI	A	330	333	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018

Notes:
[1] APU model associated with each aircraft type is provided by IATA
[2] Each flight is equipped with 1 APU
[3] Taxi-in time: 1 minute (based on information from pliot)
Taxi-out time: 5 minutes (based on on-site survey of aircraft tractor operating time)
[4] It is assumed that APU is switched on during stand movement
[5] FSP emission indices are not available from IATA/EDMS. Hence it is assumed that all RSP emission would be FSP, as a conservative approach

Sample APU Emission Inventory (2 Runway System)

FLIGHT Key	FLIGHT ID	Arrival (A) / Departure (D)	IATA TYPE	IATA SUBTYPE	APU Model [1]	Taxi Time [3]	Stand Movement Time [4]	Total APU Operating Time	Pollutant Emissions from APU (kg)					
						(min)	(min)	(min)	CO	VOC	NO_x	SO_x	RSP	FSP [5]
35	D10CXAUS9	D	350	359	HGT1700	5	2	7	0.0482	0.0059	0.2913	0.0255	0.0116	0.0116
36	D10CXAUS021	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
156	D10CXJP01	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
157	D10JLJP01	D	787	789	APS5000	5	19	24	0.1807	0.0216	0.4161	0.0437	0.0399	0.0399
158	D10CXJP12	D	350	359	HGT1700	5	5	10	0.0689	0.0084	0.4161	0.0365	0.0166	0.0166
159	D10CXJP08N	D	350	351	HGT1700	5	5	10	0.0689	0.0084	0.4161	0.0365	0.0166	0.0166
160	D10NHJP03	D	787	788	APS5000	5	0	5	0.0376	0.0045	0.0867	0.0091	0.0083	0.0083
170	D10COJP01N	D	737	738	GTCP131-9B	5	0	5	0.0470	0.0041	0.0640	0.0096	0.0078	0.0078
349	A10B2331	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
350	A10B5020	A	73M	7M8	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
351	A10B6261	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
352	A10BHSK	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
353	A10CZML03	A	73M	7M8	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
354	A10B2228	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
356	A10B6366	A	32N	3N1	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
357	A10CZML04	A	73M	7M8	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
358	A10UOML01N	A	350	358	HGT1700	1	4	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
360	D10BHYI	D	330	333	GTCP331-350	5	0	5	0.0318	0.0045	0.1695	0.0171	0.0092	0.0092
361	A10HXSE332	A	350	358	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
362	D10KAML05	D	330	333	GTCP331-350	5	0	5	0.0318	0.0045	0.1695	0.0171	0.0092	0.0092
363	D10BHSJ	D	32N	3N0	NA	5	2	7	0.0536	0.0065	0.3236	0.0284	0.0129	0.0129
364	A10BHYJ	A	330	333	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018
365	A10BKBTN	A	330	333	GTCP331-350	1	3	4	0.0255	0.0036	0.1356	0.0137	0.0074	0.0074
367	A10KAML881	A	32N	3N1	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
368	D10BHSM	D	350	351	HGT1700	5	5	10	0.0689	0.0084	0.4161	0.0365	0.0166	0.0166
384	A10HXML02	A	32N	3N0	NA	1	0	1	0.0352	0.0009	0.0462	0.0041	0.0018	0.0018
475	D10DLNA02	D	77X	7X8	NA	5	16	21	0.2221	0.0196	0.9709	0.0851	0.0388	0.0388
493	A10CXOT33	A	350	359	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
540	A10KAOT13	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
545	A10KAOT06N	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
550	A10CXOT16	A	350	359	HGT1700	1	0	1	0.0207	0.0008	0.0416	0.0036	0.0017	0.0017
586	D10CXOT03	D	350	351	HGT1700	5	5	10	0.0689	0.0084	0.4161	0.0365	0.0166	0.0166
596	A10VTJEK	A	77X	7X9	NA	1	7	8	0.0613	0.0075	0.3699	0.0324	0.0148	0.0148
597	A10BHWK	A	330	333	GTCP331-350	1	0	1	0.0064	0.0009	0.0339	0.0034	0.0018	0.0018
715	A109VTARN	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
728	D10RPC3250	D	32N	3N1	NA	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
729	D10SQSE09	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083

Sample APU Emission Inventory (2 Runway System)

FLIGHT Key	FLIGHT ID	Arrival (A) / Departure (D)	IATA TYPE	IATA SUBTYPE	APU Model [1]	Taxi Time [3]	Stand Movement Time [4]	Total APU Operating Time	Pollutant Emissions from APU (kg)					
						(min)	(min)	(min)	CO	VOC	NO_x	SO_x	RSP	FSP [5]
730	D10BHOR	D	350	351	HGT1700	5	4	9	0.0620	0.0075	0.3745	0.0328	0.0150	0.0150
732	D10BKPL	D	777	77W	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
733	A109VJSE	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
734	A109MAHG	A	32N	3N0	NA	1	0	1	0.0331	0.0009	0.0462	0.0041	0.0018	0.0018
735	A10HSABE	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
736	D10RPC3190	D	32N	3N1	NA	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
737	D10CXSE17	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
747	D10HSTES	D	330	333	GTCP331-350	5	20	25	0.1592	0.0226	0.8476	0.0856	0.0462	0.0462
777	D10CXSE03	D	777	77W	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
806	A10CXSE12	A	350	351	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
824	A10AIQSE01	A	32N	3N0	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
851	A10CITW13	A	73M	7M8	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
863	D10CITW08	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
864	A10CITW09N28	A	350	359	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
878	A10CXTW07	A	350	351	HGT1700	1	0	1	0.0069	0.0008	0.0416	0.0036	0.0017	0.0017
892	D10BRTW07	D	77X	7X8	NA	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
893	A10CITW05	A	73M	7M8	NA	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
905	D10CITW03	D	350	359	HGT1700	5	0	5	0.0345	0.0042	0.2081	0.0182	0.0083	0.0083
908	D10B16821	D	CSE	CS1	GTCP131-N	5	0	5	0.0883	0.0037	0.0576	0.0087	0.0070	0.0070
909	D10B18612	D	73M	7M8	NA	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
910	D10CXTW02	D	330	333	GTCP331-350	5	0	5	0.0318	0.0045	0.1695	0.0171	0.0092	0.0092
911	A10BLAI	A	330	333	GTCP331-350	1	9	10	0.0637	0.0091	0.3390	0.0342	0.0185	0.0185
945	A109VSFG	A	77F	77F	GTCP331-500B	1	0	1	0.0077	0.0009	0.0462	0.0041	0.0018	0.0018
968	D10BLHN	D	77F	77F	GTCP331-500B	5	0	5	0.0383	0.0047	0.2312	0.0203	0.0092	0.0092
1007	D10N741CK	D	74F	74Y	PW901A	5	0	5	0.5473	0.0563	0.1027	0.0326	0.0936	0.0936
1025	D10CKSNA2	D	74F	74Y	PW901A	5	0	5	0.5473	0.0563	0.1027	0.0326	0.0936	0.0936
1076	A10CXEUC3	A	74N	74N	PW901C	1	0	1	0.1095	0.0113	0.0205	0.0065	0.0187	0.0187
1091	A10GGSSD	A	74N	74N	PW901C	1	0	1	0.1095	0.0113	0.0205	0.0065	0.0187	0.0187

Notes:
[1] APU model associated with each aircraft type is provided by IATA
[2] Each flight is equipped with 1 APU
[3] Taxi-in time: 1 minute (based on information from pliot)
Taxi-out time: 5 minutes (based on on-site survey of aircraft tractor operating time)
[4] It is assumed that APU is switched on during stand movement
[5] FSP emission indices are not available from IATA/EDMS. Hence it is assumed that all RSP emission would be FSP, as a conservative approach