



## APPENDIX I

### ENERGY: AIRCRAFT FUEL CONSUMPTION

This appendix contains information regarding Energy (i.e., Aircraft Fuel Consumption) supporting materials used for this EIS.

**Table I-1: Energy - Aircraft Fuel Consumption (2001 Alternative)**

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	Fuel Factors				Fuel (kg)	Type	Category
								FF1	FF2	FF3	FF4			
A319	CFM56-5A4	2	1.71	0.06	0.92	20.33	172	0.2610	0.7990	0.8970	0.0950	67,097	Jet A	J
A319	V2522-A5	2	1.71	0.06	0.92	20.33	11961	0.3110	0.8170	0.9710	0.1180	5,559,124	Jet A	J
A319	CFM56-5B6/P	2	1.71	0.06	0.92	20.33	2398	0.2750	0.7990	0.9610	0.0970	970,994	Jet A	J
BH-1900	PT6A-67D	2	3.39	0.07	0.82	19.83	5832	0.0461	0.0803	0.0887	0.0256	519,479	Jet A	T
B737-300	CFM56-3-B1	2	1.49	0.05	0.89	20.11	71959	0.2900	0.7920	0.9460	0.1140	31,139,653	Jet A	J
B737-300	CFM56-3C-1	2	1.49	0.05	0.89	20.11	4511	0.3360	0.9540	1.1540	0.1240	2,202,653	Jet A	J
A320-200	CFM56-5A1	2	1.62	0.06	0.95	20.34	1643	0.2910	0.8620	1.0510	0.1011	705,431	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	20.11	22723	0.3190	0.8800	1.0530	0.1280	11,414,572	Jet A	J
A320	CFM56-5B4	2	1.62	0.06	0.99	20.11	658	0.3260	0.9610	1.1660	0.1070	307,304	Jet A	J
B717-200	BR700-715C1-30 newFI	2	1.51	0.06	1.05	20.12	6	0.2720	0.8050	0.9840	0.1050	2,595	Jet A	J
B737-200	JT8D-15A	2	1.51	0.06	0.93	20.08	124	0.3120	0.8955	1.1150	0.1372	64,234	Jet A	J
B737-200	JT8D-15	2	1.51	0.06	0.93	20.08	11661	0.3402	0.9450	1.1780	0.1477	6,481,312	Jet A	J
B737-200	JT8D-17	2	1.51	0.06	0.93	20.08	223	0.3540	0.9970	1.2450	0.1474	126,093	Jet A	J
B737-400	CFM56-3C-1	2	1.43	0.05	0.94	20.15	1222	0.3360	0.9540	1.1540	0.1240	602,916	Jet A	J
B727-200	JT8D-15	3	1.43	0.08	1.51	20.13	2226	0.3402	0.9450	1.1780	0.1477	2,129,240	Jet A	J
B727-200	JT8D-17R	3	1.43	0.06	1.28	20.18	203	0.3755	1.1030	1.4170	0.1550	202,607	Jet A	J
B737-500	CFM56-3-B1	2	1.53	0.05	1.01	20.12	6323	0.2900	0.7920	0.9460	0.1140	2,832,026	Jet A	J
B737-500	CFM56-3C-1	2	1.53	0.05	1.01	20.12	2661	0.3360	0.9540	1.1540	0.1240	1,348,233	Jet A	J
B737-700	CFM56-7B26	2	1.55	0.05	1.06	20.28	204	0.3380	0.9990	1.2210	0.1130	101,831	Jet A	J
B737-700	CFM56-7B22	2	1.55	0.05	1.06	20.28	15058	0.2980	0.8440	1.0210	0.1050	6,714,230	Jet A	J
B737-800	CFM56-7B26	2	1.42	0.05	1.08	20.09	3522	0.3380	0.9990	1.2210	0.1130	1,740,753	Jet A	J
B747-200	JT9D-7R4G2	4	1.44	0.15	1.78	20.27	9	0.6590	1.8800	2.4290	0.2239	21,801	Jet A	J
A340-200	CFM56-5B2/2	4	1.62	0.10	1.60	20.50	220	0.3770	1.1320	1.4060	0.1310	298,797	Jet A	J
B747-400	PW4056	4	1.34	0.10	1.35	20.31	176	0.6580	1.9300	2.3420	0.2080	357,388	Jet A	J
B757-200	PW2037	2	1.55	0.07	0.94	20.14	6750	0.4580	1.3070	1.5710	0.1520	4,324,922	Jet A	J
B757-200	RB211-535E4	2	1.54	0.06	0.80	20.13	6803	0.5200	1.5100	1.8600	0.1800	4,900,446	Jet A	J
B757-200	RB211-535E4B	2	1.54	0.06	0.80	20.13	1325	0.5500	1.6400	2.0700	0.1900	1,021,750	Jet A	J
B767-200	CF6-80A2	2	1.50	0.08	1.20	20.12	217	0.6410	1.8850	2.2540	0.1500	177,986	Jet A	J
B767-200	JT9D-7R4D	2	1.50	0.07	1.09	20.13	176	0.7593	1.6780	2.0550	0.2054	161,168	Jet A	J
B767-300	CF6-80A2	2	1.50	0.08	1.20	20.12	521	0.6410	1.8850	2.2540	0.1500	427,330	Jet A	J
B767-300	PW4060	2	1.51	0.07	0.95	20.13	46	0.7030	2.0850	2.6470	0.2130	44,214	Jet A	J
B767-300	CF6-80C2B6	2	1.50	0.08	1.20	20.12	6	0.6720	2.0960	2.5800	0.2050	6,045	Jet A	J
B777-200	PW4077	2	1.63	0.09	1.17	20.32	265	0.8160	2.4520	3.0190	0.2320	311,552	Jet A	J
Cessna 208 Caravan	PT6A-114	1	3.39	0.07	0.82	19.83	156	0.0250	0.0449	0.0504	0.0138	3,771	Jet A	T
DC9-30	JT8D-9A	2	1.46	0.08	1.13	20.11	17	0.2977	0.8453	1.0400	0.1323	8,850	Jet A	J
DHC-8-300	PW123	2	2.33	0.07	0.81	20.03	11797	0.0746	0.1325	0.1486	0.0509	1,872,872	Jet A	T
MD-80-83	JT8D-219	2	1.46	0.08	1.17	20.17	3357	0.3817	1.0850	1.3540	0.1344	1,989,671	Jet A	J
MD-80-82	JT8D-217C	2	1.51	0.08	1.13	20.15	8591	0.3630	1.0450	1.2820	0.1370	4,990,622	Jet A	J
MD-80-87	JT8D-219	2	1.46	0.08	1.17	20.17	224	0.3817	1.0850	1.3540	0.1344	132,763	Jet A	J
MD-80-88	JT8D-219	2	1.46	0.08	1.17	20.17	778	0.3817	1.0850	1.3540	0.1344	461,115	Jet A	J
Fokker 100	TAY650-15	2	1.55	0.07	0.91	20.14	6	0.2540	0.7150	0.8740	0.1190	2,618	Jet A	J
L-1011-50	RB211-22B	3	1.41	0.07	1.34	20.32	16	0.5660	1.5460	1.8770	0.2250	23,021	Jet A	J
PA-31T Cheyenne	PT6A-28	2	2.20	0.05	0.90	19.87	93	0.0245	0.0455	0.0515	0.0144	4,337	Jet A	T
Swearingen Merlin	TPE331-2	2	2.20	0.05	0.90	19.87	16	0.0277	0.0469	0.0510	0.0132	714	Jet A	T
REG'L JET 200	CF34-3A1	2	1.50	0.04	0.96	20.00	13965	0.1190	0.3343	0.4070	0.0496	2,638,701	Jet A	J
DC10-40	JT9D-20	3	1.35	0.08	1.62	20.22	475	0.6190	1.7890	2.0990	0.2110	739,196	Jet A	J
KC-135R	TF33-P-5&9	4	1.27	0.08	1.65	20.25	1556	0.5216	1.1290	1.2130	0.1411	2,095,550	Jet A	J
A-4 SKYHAWK	J52-P-8B	1	1.02	0.02	0.65	19.74	19	0.2900	0.7720	0.9290	0.0857	2,972	Jet A	J
BH-1900	PT6A-67B	2	3.39	0.07	0.82	19.83	3088	0.0446	0.0789	0.0876	0.0253	270,601	Jet A	T
B747-200F	JT9D-7F	4	1.37	0.11	1.35	20.24	5	0.6240	1.7790	2.1610	0.2320	10,396	Jet A	J
B757-200	PW2037	2	1.55	0.07	0.94	20.14	496	0.4580	1.3070	1.5710	0.1520	317,802	Jet A	J
B767-200	CF6-80A (A1)	2	1.50	0.08	1.20	20.12	455	0.6150	1.7950	2.1450	0.1500	363,532	Jet A	J

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	FF1	FF2	FF3	FF4	Fuel (kg)	Type	Category
Cessna 208 Caravan	PT6A-114	1	3.39	0.07	0.82	19.83	1377	0.0250	0.0449	0.0504	0.0138	33,286	Jet A	T
DC10-10F	CF6-6D	3	1.44	0.09	1.45	20.23	689	0.4839	1.4310	1.7360	0.1728	848,117	Jet A	J
DC8-73F	CFM56-2C5	4	1.42	0.07	1.28	20.29	141	0.3110	0.8190	0.9850	0.1280	147,436	Jet A	J
DC9-30F	JT8D-11	2	1.46	0.08	1.13	20.11	487	0.3339	0.9136	1.1210	0.1455	277,774	Jet A	J
HS 125	TFE731-3	2	1.47	0.04	0.81	19.90	1	0.0720	0.1860	0.2250	0.0260	98	Jet A	J
Learjet 25B	CJ610-6	2	1.47	0.04	0.81	19.90	4	0.1290	0.2880	0.3500	0.0640	844	Jet A	J
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	19.90	1137	0.0670	0.1730	0.2050	0.0240	102,202	Jet A	J
MD-11-11F	CF6-80C2D1F	3	1.37	0.07	1.36	20.31	12	0.6880	2.1260	2.6290	0.2050	19,074	Jet A	J
Swearingen Merlin	TPE331-3	2	2.20	0.05	0.90	19.87	177	0.0316	0.0517	0.0578	0.0142	8,629	Jet A	T
Cherokee six	TIO-540-J2B2	1	3.54	0.22	1.77	19.85	742	0.0125	0.0258	0.0327	0.0032	7,592	AvGas	P
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	20.03	1145	0.0125	0.0258	0.0327	0.0032	17,076	AvGas	P
C-12A/B/C	PT6A-41	2	3.39	0.07	0.82	19.83	152	0.0344	0.0596	0.0643	0.0185	9,856	Jet A	T
C-130E HERCULES	T56-A-7	4	1.56	0.16	1.98	20.13	28	0.1110	0.2292	0.2695	0.0926	17,522	Jet A	T
C-141	TF33-P-7	4	1.58	0.10	1.47	20.24	114	0.5022	0.9616	1.1480	0.1329	144,084	Jet A	J
C-5 Galaxy	TF39-GE-1C	4	1.37	0.11	1.35	20.24	19	1.3201	1.5802	1.7465	0.1824	36,626	Jet A	J
C-9A	JT8D-9	2	1.46	0.08	1.13	20.11	38	0.2977	0.8453	1.0400	0.1323	19,781	Jet A	J
F/A-18 HORNET	F404-GE-400	2	1.02	0.02	0.65	19.74	85	0.3270	0.7462	3.5780	0.0786	43,102	Jet A	J
B720-00B	JT3D-3B	4	1.49	0.06	0.87	20.23	88	0.3460	0.9320	1.1740	0.1350	91,321	Jet A	J
B737-300	CFM56-3-B1	2	1.49	0.05	0.89	20.11	26	0.2900	0.7920	0.9460	0.1140	11,251	Jet A	J
B737-400	CFM56-3B-2	2	1.49	0.05	0.89	20.11	105	0.3140	0.8780	1.0560	0.1190	48,443	Jet A	J
B737-800	CFM56-7B26	2	1.42	0.05	1.08	20.09	9	0.3380	0.9990	1.2210	0.1130	4,448	Jet A	J
B747-400	PW4056	4	1.34	0.10	1.35	20.31	9	0.6580	1.9300	2.3420	0.2080	18,276	Jet A	J
B767-300	CF6-80A2	2	1.50	0.08	1.20	20.12	18	0.6410	1.8850	2.2540	0.1500	14,764	Jet A	J
B727-100	JT8D-7B	3	1.68	0.07	1.19	20.18	35	0.2861	0.8113	0.9892	0.1291	27,215	Jet A	J
B727-200	JT8D-15	3	1.43	0.08	1.51	20.13	197	0.3402	0.9450	1.1780	0.1477	188,437	Jet A	J
B737-200	JT8D-15A	2	1.51	0.06	0.93	20.08	48	0.3120	0.8955	1.1150	0.1372	24,865	Jet A	J
B747-200	JT9D-7R4G2	4	1.44	0.15	1.78	20.27	9	0.6590	1.8800	2.4290	0.2239	21,801	Jet A	J
B757-200	PW2037	2	1.55	0.07	0.94	20.14	158	0.4580	1.3070	1.5710	0.1520	101,235	Jet A	J
B767-200	CF6-80A (A1)	2	1.50	0.08	1.20	20.12	162	0.6150	1.7950	2.1450	0.1500	129,433	Jet A	J
A300-600	CF6-80C2A5F	2	1.62	0.06	0.86	20.32	57	0.6910	2.1060	2.6300	0.2200	54,569	Jet A	J
A319	CFM56-5B6/P	2	1.71	0.06	0.92	20.33	18	0.2750	0.7990	0.9610	0.0970	7,289	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	20.11	22	0.3190	0.8800	1.0530	0.1280	11,051	Jet A	J
BAC-111-400	SPEY MK511 New Comb	2	1.56	0.07	1.10	20.11	26	0.2780	0.7260	0.8910	0.1270	12,538	Jet A	J
Citation VII	TFE731-2	2	1.74	0.05	0.94	19.94	806	0.0670	0.1730	0.2050	0.0240	77,037	Jet A	J
CITATION X	AE3007C	2	1.73	0.06	1.08	19.96	315	0.0910	0.2340	0.2800	0.0390	47,337	Jet A	J
DC10-10	CF6-6D	3	1.44	0.09	1.45	20.23	245	0.4839	1.4310	1.7360	0.1728	301,580	Jet A	J
DC8-70	CFM56-2C5	4	1.42	0.07	1.28	20.29	9	0.3110	0.8190	0.9850	0.1280	9,411	Jet A	J
DC9-10	JT8D-7B	2	1.60	0.06	0.80	20.18	44	0.2861	0.8113	0.9892	0.1291	20,608	Jet A	J
EMB-120	PW118	2	1.75	0.05	0.70	19.86	302	0.0637	0.1053	0.1190	0.0421	37,549	Jet A	T
Falcon 100	TFE731-3	2	1.47	0.04	0.81	19.90	315	0.0720	0.1860	0.2250	0.0260	30,729	Jet A	J
Falcon 20	CF700-2D	2	1.67	0.06	1.14	19.91	372	0.1160	0.2926	0.3285	0.0580	77,698	Jet A	J
Gulfstream II	SPEY MK511-8	2	1.42	0.06	1.03	19.91	464	0.2780	0.7260	0.8910	0.1270	216,296	Jet A	J
Gulfstream IV	TAY Mk611-8	2	1.42	0.04	0.69	19.96	653	0.2300	0.6300	0.7600	0.1100	240,706	Jet A	J
Gulfstream V	BR700-710A1-10 GulfV	2	1.55	0.03	0.79	19.95	184	0.2140	0.5940	0.7130	0.0890	59,359	Jet A	J
MD-80	JT8D-219	2	1.46	0.08	1.17	20.17	9	0.3817	1.0850	1.3540	0.1344	5,334	Jet A	J
Beech King Air 200	PT6A-41	2	3.39	0.07	0.82	19.83	13	0.0344	0.0596	0.0643	0.0185	843	Jet A	T
Swearingen Merlin	TPE331-2	2	2.20	0.05	0.90	19.87	345	0.0277	0.0469	0.0510	0.0132	15,406	Jet A	T
**Baron58	IO-360-B	2	1.94	0.11	0.90	20.04	810	0.0046	0.0090	0.0130	0.0010	4,088	AvGas	P
B. 99A	PT6A-28	2	3.39	0.07	0.82	19.83	430	0.0245	0.0455	0.0515	0.0144	21,364	Jet A	T
337H Skymaster	TSIO-360C	2	2.09	0.11	0.98	20.03	1349	0.0077	0.0125	0.0168	0.0015	10,191	AvGas	P
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	20.03	5769	0.0125	0.0258	0.0327	0.0032	86,037	AvGas	P
CL600	ALF 502L-2	2	1.57	0.04	0.84	19.99	570	0.1172	0.3236	0.3999	0.0477	101,669	Jet A	J
Falcon 50	TFE731-3	3	1.47	0.04	0.81	19.90	315	0.0720	0.1860	0.2250	0.0260	46,093	Jet A	J
Cessna 172 Skyhawk	O-320	1	2.85	0.20	1.75	19.89	1910	0.0059	0.0084	0.0112	0.0012	7,065	AvGas	P

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	FF1	FF2	FF3	FF4	Fuel (kg)	Type	Category
Cherokee six	TIO-540-J2B2	1	3.54	0.22	1.77	19.85	2427	0.0125	0.0258	0.0327	0.0032	24,831	AvGas	P
**TurboCommander 690	TPE331-3	2	1.57	0.03	0.80	19.84	509	0.0316	0.0517	0.0578	0.0142	23,157	Jet A	T
Beech King Air 90	PT6A-28	2	3.39	0.07	0.82	19.83	2166	0.0245	0.0455	0.0515	0.0144	107,613	Jet A	T
Cessna 441 Conquest2	TPE331-8	2	3.15	0.11	1.12	19.83	1693	0.0377	0.0532	0.0566	0.0144	96,207	Jet A	T
CITATION I	JT15D-1	2	1.86	0.07	1.08	19.99	609	0.0510	0.1240	0.1480	0.0230	52,848	Jet A	J
Convair liner	RDA10	2	2.30	0.12	1.18	20.08	9	0.0789	0.1700	0.2130	0.0526	1,630	Jet A	T
**DC3	PT6A-41	2	3.03	0.07	0.70	19.84	39	0.0344	0.0596	0.0643	0.0185	2,436	AvGas	P
Beech King Air 300	PT6A-60, -60A, -60AG	2	3.39	0.07	0.82	19.83	2286	0.0390	0.0680	0.0750	0.0210	168,679	Jet A	T
BH-1900	PT6A-67B	2	3.39	0.07	0.82	19.83	1451	0.0446	0.0789	0.0876	0.0253	127,151	Jet A	T
Cessna 208 Caravan	PT6A-114	1	3.39	0.07	0.82	19.83	1060	0.0250	0.0449	0.0504	0.0138	25,623	Jet A	T
Piper PA-28	IO-320-DIAD	1	3.54	0.22	1.77	19.85	1025	0.0047	0.0077	0.0116	0.0010	3,602	AvGas	P
Cherokee six	TIO-540-J2B2	1	3.54	0.22	1.77	19.85	1511	0.0125	0.0258	0.0327	0.0032	15,459	AvGas	P
Commanche	TIO-540-J2B2	1	3.15	0.11	1.12	19.83	1289	0.0125	0.0258	0.0327	0.0032	10,942	AvGas	P
F-27 SERIES	RDA7	2	2.30	0.12	1.18	20.08	136	0.0814	0.1570	0.1780	0.0517	23,734	Jet A	T
Westwind 2	TFE731-3	2	1.57	0.06	1.05	20.03	351	0.0720	0.1860	0.2250	0.0260	37,117	Jet A	J
Learjet 25B	CJ610-6	2	1.47	0.04	0.81	19.90	588	0.1290	0.2880	0.3500	0.0640	124,062	Jet A	J
Saberliner 75A	CF700-2D	2	1.67	0.06	1.02	19.91	196	0.1160	0.2926	0.3285	0.0580	40,010	Jet A	J
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	19.90	2892	0.0670	0.1730	0.2050	0.0240	259,954	Jet A	J
CITATION II	JT15D-4 (B,C,D)	2	1.78	0.06	0.93	19.95	1941	0.0590	0.1430	0.1697	0.0261	184,500	Jet A	J
A300-600F	CF6-80C2A5F	2	1.62	0.06	0.86	20.32	632	0.6910	2.1060	2.6300	0.2200	605,050	Jet A	J
A310-200F	CF6-80A3	2	1.57	0.05	1.02	20.32	23	0.6410	1.8850	2.2540	0.1500	17,796	Jet A	J
B727-100F	JT8D-7B	3	1.45	0.08	1.56	20.19	5	0.2861	0.8113	0.9892	0.1291	4,166	Jet A	J
B727-200F	JT8D-15	3	1.43	0.08	1.51	20.13	2868	0.3402	0.9450	1.1780	0.1477	2,743,334	Jet A	J
B747-100F	JT9D-7A	4	1.44	0.10	1.28	20.27	11	0.6190	1.7890	2.0990	0.2110	21,210	Jet A	J
B767-300F	PW4056	2	1.51	0.07	0.95	20.13	936	0.6580	1.9300	2.3420	0.2080	846,962	Jet A	J
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	20.03	19	0.0125	0.0258	0.0327	0.0032	283	AvGas	P
Citation VII	TFE731-3	2	1.74	0.05	0.94	19.94	19	0.0720	0.1860	0.2250	0.0260	1,971	Jet A	J
Rockwell Commander	IO-360-B	1	3.15	0.11	1.12	19.83	57	0.0046	0.0090	0.0130	0.0010	172	AvGas	P
King Air 200	PT6A-41	2	3.39	0.07	0.82	19.83	247	0.0344	0.0596	0.0643	0.0185	16,017	Jet A	T
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	19.90	38	0.0670	0.1730	0.2050	0.0240	3,416	Jet A	J
CITATION V	JT15D-5 (A & B)	2	1.78	0.06	0.93	19.95	47	0.0660	0.1727	0.2054	0.0296	5,129	Jet A	J
H-550A Stallion	PT6A-27	1	3.15	0.11	1.12	19.83	19	0.0245	0.0455	0.0515	0.0144	485	Jet A	T
T-37 Tweet	J69-25A	2	1.47	0.04	0.81	19.90	28	0.1100	0.1367	0.1367	0.0210	2,338	Jet A	J
T-2C Buckeye	J85-GE-2	2	1.29	0.05	1.16	20.05	57	0.1317	0.2715	0.3641	0.0705	13,812	Jet A	J
							276,662	LTOs				112,743,020 kg/yr		

JET A 112,553,246 kg/yr  
 AvGas 189,774 kg/yr  
  
 AvGas 0.60kg/1L 0.67 Range from 0.60 to 0.73  
 Jet A 0.78kg/1L 0.81 Range from 0.78 to 0.84  
 Liters to Gallons = 0.264172  
  
 Liters per year  
 AvGas 127148.735  
 Jet A 91168129.2

Gallons per Year	2001	2015 No-Build	2015 Build Alt4
AvGas	33,589	52,318	50,666
Jet A	24,084,067	55,530,394	53,570,649

**Table I-2: Energy - Aircraft Fuel Consumption (2015 No-Action Alternative)**

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	Fuel Factors				Fuel (kg)	Type	Category
								FF1	FF2	FF3	FF4			
A319	CFM56-5A4	2	1.71	0.06	0.92	53.89	285	0.261	0.799	0.897	0.095	220,215	Jet A	J
A319	V2522-A5	2	1.71	0.06	0.92	53.89	22005	0.311	0.817	0.971	0.118	20,684,269	Jet A	J
A319	CFM56-5B6/P	2	1.71	0.06	0.92	53.89	3308	0.275	0.799	0.961	0.097	2,631,702	Jet A	J
BH-1900	PT6A-67D	2	3.39	0.07	0.82	53.39	15257	0.0461	0.0803	0.0887	0.0256	2,931,940	Jet A	T
A320-200	V2527-A5	2	1.62	0.06	0.95	53.90	2545	0.319	0.88	1.053	0.128	2,586,472	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	53.67	37307	0.319	0.88	1.053	0.128	37,971,706	Jet A	J
A320	CFM56-5B4	2	1.62	0.06	0.99	53.67	2076	0.326	0.961	1.166	0.107	1,864,118	Jet A	J
B737-200	JT8D-15	2	1.51	0.06	0.93	53.64	47	0.3402	0.945	1.178	0.1477	54,080	Jet A	J
B737-700	CFM56-7B26	2	1.55	0.05	1.06	53.84	2303	0.338	0.999	1.221	0.113	2,197,623	Jet A	J
B737-700	CFM56-7B22	2	1.55	0.05	1.06	53.84	116825	0.298	0.844	1.021	0.105	101,491,392	Jet A	J
B737-800	CFM56-7B26	2	1.42	0.05	1.08	53.65	965	0.338	0.999	1.221	0.113	916,098	Jet A	J
A340-200	CFM56-5B2/2	4	1.62	0.10	1.60	54.06	822	0.377	1.132	1.406	0.131	1,983,729	Jet A	J
B747-400	PW4056	4	1.34	0.10	1.35	53.87	22	0.658	1.93	2.342	0.208	81,530	Jet A	J
B757-200	PW2037	2	1.55	0.07	0.94	53.70	9025	0.458	1.307	1.571	0.152	11,307,094	Jet A	J
B757-200	RB211-535E4	2	1.54	0.06	0.80	53.69	42	0.52	1.51	1.86	0.18	60,700	Jet A	J
B757-200	RB211-535E4B	2	1.54	0.06	0.80	53.69	11279	0.55	1.64	2.07	0.19	17,327,928	Jet A	J
B767-200	CF6-80A2	2	1.50	0.08	1.20	53.68	1059	0.641	1.885	2.254	0.15	1,508,325	Jet A	J
B767-200	JT9D-7R4D	2	1.50	0.07	1.09	53.69	384	0.7593	1.678	2.055	0.2054	669,279	Jet A	J
B767-300	CF6-80A2	2	1.50	0.08	1.20	53.68	2901	0.641	1.885	2.254	0.15	4,131,871	Jet A	J
B767-300	PW4060	2	1.51	0.07	0.95	53.69	218	0.703	2.085	2.647	0.213	396,536	Jet A	J
B767-300	CF6-80C2B6	2	1.50	0.08	1.20	53.68	34	0.672	2.096	2.58	0.205	62,326	Jet A	J
B777-200	PW4077	2	1.63	0.09	1.17	53.88	1344	0.816	2.452	3.019	0.232	2,835,810	Jet A	J
DHC-8-300	PW123	2	2.33	0.07	0.81	53.59	17421	0.0746	0.1325	0.1486	0.0509	6,336,763	Jet A	T
KC-135R	TF33-P-5&9	4	1.27	0.08	1.65	53.81	1530	0.5216	1.129	1.213	0.1411	3,799,342	Jet A	J
A-4 SKYHAWK	J52-P-8B	1	1.02	0.02	0.65	53.30	19	0.29	0.772	0.929	0.0857	6,251	Jet A	J
BH-1900	PT6A-67B	2	3.39	0.07	0.82	53.39	3026	0.0446	0.0789	0.0876	0.0253	573,481	Jet A	T
B757-200	PW2037	2	1.55	0.07	0.94	53.70	1400	0.458	1.307	1.571	0.152	1,754,009	Jet A	J
B767-200	CF6-80A (A1)	2	1.50	0.08	1.20	53.68	120	0.615	1.795	2.145	0.15	168,366	Jet A	J
Cessna 208 Caravan	PT6A-114	1	3.39	0.07	0.82	53.39	1361	0.025	0.0449	0.0504	0.0138	70,718	Jet A	T
DC10-10F	CF6-6D	3	1.44	0.09	1.45	53.79	176	0.4839	1.431	1.736	0.1728	400,363	Jet A	J
DC8-73F	CFM56-2C5	4	1.42	0.07	1.28	53.85	13	0.311	0.819	0.985	0.128	26,996	Jet A	J
DC9-30F	JT8D-11	2	1.46	0.08	1.13	53.67	671	0.3339	0.9136	1.121	0.1455	775,915	Jet A	J
Learjet 25B	CJ610-6	2	1.47	0.04	0.81	53.46	124	0.129	0.288	0.35	0.064	58,123	Jet A	J
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	53.46	2176	0.067	0.173	0.205	0.024	405,911	Jet A	J
MD-11-11F	CF6-80C2D1F	3	1.37	0.07	1.36	53.87	5	0.688	2.126	2.629	0.205	14,139	Jet A	J
C-12A/B/C	PT6A-41	2	3.39	0.07	0.82	53.39	149	0.0344	0.0596	0.0643	0.0185	20,763	Jet A	T
C-130E HERCULES	T56-A-7	4	1.56	0.16	1.98	53.69	28	0.111	0.2292	0.2695	0.0926	38,406	Jet A	T
C-141	TF33-P-7	4	1.58	0.10	1.47	53.80	112	0.50216	0.96155	1.148	0.13286	261,408	Jet A	J
C-5 Galaxy	TF39-GE-1C	4	1.37	0.11	1.35	53.80	19	1.3201	1.5802	1.7465	0.1824	64,539	Jet A	J
C-9A	JT8D-9	2	1.46	0.08	1.13	53.67	37	0.2977	0.8453	1.04	0.1323	38,974	Jet A	J
F/A-18 HORNET	F404-GE-400	2	1.02	0.02	0.65	53.30	84	0.327	0.7462	3.578	0.0786	69,185	Jet A	J
B720-00B	JT3D-3B	4	1.49	0.06	0.87	53.79	74	0.346	0.932	1.174	0.135	157,256	Jet A	J
B737-300	CFM56-3-B1	2	1.49	0.05	0.89	53.67	15	0.29	0.792	0.946	0.114	13,378	Jet A	J
B737-400	CFM56-3B-2	2	1.49	0.05	0.89	53.67	78	0.314	0.878	1.056	0.119	73,367	Jet A	J
B737-800	CFM56-7B26	2	1.42	0.05	1.08	53.65	30	0.338	0.999	1.221	0.113	28,480	Jet A	J
B747-400	PW4056	4	1.34	0.10	1.35	53.87	7	0.658	1.93	2.342	0.208	25,942	Jet A	J
B727-100	JT8D-7B	3	1.68	0.07	1.19	53.74	41	0.2861	0.8113	0.9892	0.1291	63,855	Jet A	J
B727-200	JT8D-15	3	1.43	0.08	1.51	53.69	233	0.3402	0.945	1.178	0.1477	430,761	Jet A	J

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	FF1	FF2	FF3	FF4	Fuel (kg)	Type	Category
B737-200	JT8D-15A	2	1.51	0.06	0.93	53.64	70	0.312	0.8955	1.115	0.1372	74,938	Jet A	J
B747-200	JT9D-7R4G2	4	1.44	0.15	1.78	53.83	15	0.659	1.88	2.429	0.2239	63,386	Jet A	J
B757-200	PW2037	2	1.55	0.07	0.94	53.70	92	0.458	1.307	1.571	0.152	115,263	Jet A	J
A300-600	CF6-80C2A5F	2	1.62	0.06	0.86	53.88	251	0.691	2.106	2.63	0.22	462,679	Jet A	J
A319	CFM56-5B6/P	2	1.71	0.06	0.92	53.89	15	0.275	0.799	0.961	0.097	11,933	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	53.67	7	0.319	0.88	1.053	0.128	7,125	Jet A	J
Citation VII	TFE731-2	2	1.74	0.05	0.94	53.50	565	0.067	0.173	0.205	0.024	108,611	Jet A	J
CITATION X	AE3007C	2	1.73	0.06	1.08	53.52	347	0.091	0.234	0.28	0.039	106,646	Jet A	J
DC10-10	CF6-6D	3	1.44	0.09	1.45	53.79	177	0.4839	1.431	1.736	0.1728	402,638	Jet A	J
DC9-10	JT8D-7B	2	1.60	0.06	0.80	53.74	7	0.2861	0.8113	0.9892	0.1291	6,918	Jet A	J
EMB-120	PW118	2	1.75	0.05	0.70	53.42	318	0.06368	0.1053	0.119	0.0421	93,453	Jet A	T
Falcon 100	TFE731-3	2	1.47	0.04	0.81	53.46	303	0.072	0.186	0.225	0.026	61,284	Jet A	J
Falcon 20	CF700-2D	2	1.67	0.06	1.14	53.47	266	0.116	0.2926	0.3285	0.058	117,690	Jet A	J
Gulfstream II	SPEY MK511-8	2	1.42	0.06	1.03	53.47	303	0.278	0.726	0.891	0.127	296,215	Jet A	J
Gulfstream IV	TAY Mk611-8	2	1.42	0.04	0.69	53.52	425	0.23	0.63	0.76	0.11	344,933	Jet A	J
Gulfstream V	BR700-710A1-10 GulfV	2	1.55	0.03	0.79	53.51	137	0.214	0.594	0.713	0.089	93,300	Jet A	J
MD-80	JT8D-219	2	1.46	0.08	1.17	53.73	7	0.3817	1.085	1.354	0.1344	7,938	Jet A	J
Beech King Air 200	PT6A-41	2	3.39	0.07	0.82	53.39	15	0.0344	0.0596	0.0643	0.0185	2,090	Jet A	T
Swearingen Merlin	TPE331-2	2	2.20	0.05	0.90	53.43	302	0.02772	0.04687	0.05103	0.01323	29,577	Jet A	T
**Baron58	IO-360-B	2	1.94	0.11	0.90	53.60	702	0.00461	0.00903	0.01298	0.00102	6,427	AvGas	P
B. 99A	PT6A-28	2	3.39	0.07	0.82	53.39	370	0.0245	0.0455	0.0515	0.0144	39,839	Jet A	T
337H Skymaster	TSIO-360C	2	2.09	0.11	0.98	53.59	1170	0.00769	0.0125	0.0168	0.00145	15,671	AvGas	P
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	53.59	5006	0.0125	0.02577	0.03272	0.003158	138,323	AvGas	P
CL600	ALF 502L-2	2	1.57	0.04	0.84	53.55	510	0.1172	0.3236	0.3999	0.0477	188,937	Jet A	J
Falcon 50	TFE731-3	3	1.47	0.04	0.81	53.46	351	0.072	0.186	0.225	0.026	106,489	Jet A	J
Cessna 172 Skyhawk	O-320	1	2.85	0.20	1.75	53.45	1212	0.00586	0.0084	0.0112	0.00119	7,387	AvGas	P
**TurboCommander 690	TPE331-3	2	1.57	0.03	0.80	53.40	406	0.0316	0.0517	0.0578	0.0142	41,689	Jet A	T
Beech King Air 90	PT6A-28	2	3.39	0.07	0.82	53.39	1735	0.0245	0.0455	0.0515	0.0144	186,815	Jet A	T
Cessna 441 Conquest2	TPE331-8	2	3.15	0.11	1.12	53.39	1357	0.0377	0.0532	0.0566	0.0144	155,808	Jet A	T
CITATION I	JT15D-1	2	1.86	0.07	1.08	53.55	454	0.051	0.124	0.148	0.023	81,449	Jet A	J
Convair liner	RDA10	2	2.30	0.12	1.18	53.64	7	0.07893	0.17	0.213	0.0526	2,751	Jet A	T
**DC3	PT6A-41	2	3.03	0.07	0.70	53.40	15	0.0344	0.0596	0.0643	0.0185	2,054	AvGas	P
Beech King Air 300	PT6A-60, -60A, -60AG	2	3.39	0.07	0.82	53.39	1976	0.039	0.068	0.075	0.021	312,918	Jet A	T
BH-1900	PT6A-67B	2	3.39	0.07	0.82	53.39	1253	0.0446	0.0789	0.0876	0.0253	237,466	Jet A	T
Cessna 208 Caravan	PT6A-114	1	3.39	0.07	0.82	53.39	1315	0.025	0.0449	0.0504	0.0138	68,328	Jet A	T
Piper PA-28	IO-320-DIAD	1	3.54	0.22	1.77	53.41	681	0.004744	0.007736	0.01155	0.000989	3,749	AvGas	P
Cherokee six	TIO-540-J2B2	1	3.54	0.22	1.77	53.41	2792	0.0125	0.02577	0.03272	0.003158	46,320	AvGas	P
Commanche	TIO-540-J2B2	1	3.15	0.11	1.12	53.39	857	0.0125	0.02577	0.03272	0.003158	12,724	AvGas	P
F-27 SERIES	RDa7	2	2.30	0.12	1.18	53.64	133	0.08142	0.157	0.178	0.0517	50,902	Jet A	T
Westwind 2	TFE731-3	2	1.57	0.06	1.05	53.59	248	0.072	0.186	0.225	0.026	52,193	Jet A	J
Learjet 25B	CJ610-6	2	1.47	0.04	0.81	53.46	484	0.129	0.288	0.35	0.064	226,866	Jet A	J
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	53.46	2619	0.067	0.173	0.205	0.024	488,548	Jet A	J
CITATION II	JT15D-4 (B,C,D)	2	1.78	0.06	0.93	53.51	1733	0.059	0.143	0.1697	0.0261	346,884	Jet A	J
A300-600F	CF6-80C2A5F	2	1.62	0.06	0.86	53.88	121	0.691	2.106	2.63	0.22	223,044	Jet A	J
A310-200F	CF6-80A3	2	1.57	0.05	1.02	53.88	8	0.641	1.885	2.254	0.15	11,022	Jet A	J
B727-200F	JT8D-15	3	1.43	0.08	1.51	53.69	3341	0.3402	0.945	1.178	0.1477	6,176,701	Jet A	J
B767-300F	PW4056	2	1.51	0.07	0.95	53.69	229	0.658	1.93	2.342	0.208	399,040	Jet A	J
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	53.59	19	0.0125	0.02577	0.03272	0.003158	525	AvGas	P
Citation VII	TFE731-3	2	1.74	0.05	0.94	53.50	19	0.072	0.186	0.225	0.026	3,961	Jet A	J
Rockwell Commander	IO-360-B	1	3.15	0.11	1.12	53.39	56	0.00461	0.00903	0.01298	0.00102	284	AvGas	P

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	FF1	FF2	FF3	FF4	Fuel (kg)	Type	Category
King Air 200	PT6A-41	2	3.39	0.07	0.82	53.39	243	0.0344	0.0596	0.0643	0.0185	33,861	Jet A	T
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	53.46	37	0.067	0.173	0.205	0.024	6,902	Jet A	J
CITATION V	JT15D-5 (A & B)	2	1.78	0.06	0.93	53.51	47	0.066	0.1727	0.2054	0.0296	10,732	Jet A	J
H-550A Stallion	PT6A-27	1	3.15	0.11	1.12	53.39	19	0.0245	0.0455	0.0515	0.0144	1,036	Jet A	T
T-37 Tweet	J69-25A	2	1.47	0.04	0.81	53.46	28	0.11	0.1367	0.1367	0.021	4,706	Jet A	J
T-2C Buckeye	J85-GE-2	2	1.29	0.05	1.16	53.61	56	0.1317	0.2715	0.3641	0.0705	29,469	Jet A	J
DC8-73F	CFM56-2A SERIES	4	1.42	0.07	1.28	53.85	55	0.318	0.911	1.114	0.13	118,031	Jet A	J
B737-300	CFM56-3-B1	2	1.49	0.05	0.89	53.67	20	0.29	0.792	0.946	0.114	17,837	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	53.67	101	0.319	0.88	1.053	0.128	102,800	Jet A	J
Beech King Air 90	PT6A-28	2	3.39	0.07	0.82	53.39	191	0.0245	0.0455	0.0515	0.0144	20,566	Jet A	T
DC10-30CF Series	CF6-50C2	3	1.37	0.07	1.30	53.72	41	0.663	1.94	2.361	0.163	94,979	Jet A	J
PA-31T Cheyenne	PT6A-28	2	2.20	0.05	0.90	53.43	1073	0.0245	0.0455	0.0515	0.0144	112,268	Jet A	T
Piper PA-28	IO-320-DIAD	1	3.54	0.22	1.77	53.41	749	0.004744	0.007736	0.01155	0.000989	4,124	AvGas	P
B717-200	BR700-715C1-30	2	1.51	0.06	1.05	53.68	1043	0.273	0.799	0.98	0.101	864,962	Jet A	J
B737-700	CFM56-7B24	2	1.55	0.05	1.06	53.84	320	0.316	0.91	1.103	0.109	290,805	Jet A	J
B737-900	CFM56-7B26	2	1.42	0.05	1.08	53.65	5316	0.338	0.999	1.221	0.113	5,046,611	Jet A	J
Embraer ERJ 135/140	AE3007A3 (Type 2)	2	1.57	0.09	0.90	53.64	1524	0.1076	0.2995	0.3583	0.0448	534,271	Jet A	J
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	53.59	2099	0.0125	0.02577	0.03272	0.003158	57,999	AvGas	P
REG'L JET 200 ER	CF34-3B	2	1.50	0.04	0.96	53.56	28223	0.116	0.3288	0.3991	0.0489	10,801,638	Jet A	J
MD-11	PW4460	3	1.37	0.07	1.52	53.81	7	0.703	2.085	2.647	0.213	20,908	Jet A	J
SF-340-A	CT7-5	2	1.78	0.07	0.84	53.59	7	0.045	0.094	0.101	0.015	819	Jet A	T

335,002

LTOs

259,808,486 kg/yr

JET A 259,512,899 kg/yr  
AvGas 295,588 kg/yr

AvGas 0.60kg/1L 0.67 Range from 0.60 to 0.73  
Jet A 0.78kg/1L 0.81 Range from 0.78 to 0.84  
Liters to Gallons = 0.264172

Liters per year  
AvGas 198,044  
Jet A #####

Gallons per Year	
AvGas	52,318
Jet A	55,530,394

**Table I-3: Energy - Aircraft Fuel Consumption (2015 AIP Alternative)**

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	Fuel Factors				Fuel (kg)	Type	Category
								FF1	FF2	FF3	FF4			
A319	CFM56-5A4	2	1.71	0.06	0.92	51.49	285	0.261	0.799	0.897	0.095	212,418	Jet A	J
A319	V2522-A5	2	1.71	0.06	0.92	51.49	22005	0.311	0.817	0.971	0.118	19,936,451	Jet A	J
A319	CFM56-5B6/P	2	1.71	0.06	0.92	51.49	3308	0.275	0.799	0.961	0.097	2,539,290	Jet A	J
BH-1900	PT6A-67D	2	3.39	0.07	0.82	50.99	15257	0.0461	0.0803	0.0887	0.0256	2,819,453	Jet A	T
A320-200	V2527-A5	2	1.62	0.06	0.95	51.50	2545	0.319	0.88	1.053	0.128	2,492,653	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	51.27	37307	0.319	0.88	1.053	0.128	36,596,421	Jet A	J
A320	CFM56-5B4	2	1.62	0.06	0.99	51.27	2076	0.326	0.961	1.166	0.107	1,800,144	Jet A	J
B737-200	JT8D-15	2	1.51	0.06	0.93	51.24	47	0.3402	0.945	1.178	0.1477	52,080	Jet A	J
B737-700	CFM56-7B26	2	1.55	0.05	1.06	51.44	2303	0.338	0.999	1.221	0.113	2,122,674	Jet A	J
B737-700	CFM56-7B22	2	1.55	0.05	1.06	51.44	116825	0.298	0.844	1.021	0.105	97,958,604	Jet A	J
B737-800	CFM56-7B26	2	1.42	0.05	1.08	51.25	965	0.338	0.999	1.221	0.113	884,693	Jet A	J
A340-200	CFM56-5B2/2	4	1.62	0.10	1.60	51.66	822	0.377	1.132	1.406	0.131	1,921,704	Jet A	J
B747-400	PW4056	4	1.34	0.10	1.35	51.47	22	0.658	1.93	2.342	0.208	78,895	Jet A	J
B757-200	PW2037	2	1.55	0.07	0.94	51.30	9025	0.458	1.307	1.571	0.152	10,912,016	Jet A	J
B757-200	RB211-535E4	2	1.54	0.06	0.80	51.29	42	0.52	1.51	1.86	0.18	58,522	Jet A	J
B757-200	RB211-535E4B	2	1.54	0.06	0.80	51.29	11279	0.55	1.64	2.07	0.19	16,710,741	Jet A	J
B767-200	CF6-80A2	2	1.50	0.08	1.20	51.28	1059	0.641	1.885	2.254	0.15	1,462,576	Jet A	J
B767-200	JT9D-7R4D	2	1.50	0.07	1.09	51.29	384	0.7593	1.678	2.055	0.2054	646,564	Jet A	J
B767-300	CF6-80A2	2	1.50	0.08	1.20	51.28	2901	0.641	1.885	2.254	0.15	4,006,548	Jet A	J
B767-300	PW4060	2	1.51	0.07	0.95	51.29	218	0.703	2.085	2.647	0.213	383,163	Jet A	J
B767-300	CF6-80C2B6	2	1.50	0.08	1.20	51.28	34	0.672	2.096	2.58	0.205	60,319	Jet A	J
B777-200	PW4077	2	1.63	0.09	1.17	51.48	1344	0.816	2.452	3.019	0.232	2,746,010	Jet A	J
DHC-8-300	PW123	2	2.33	0.07	0.81	51.19	17421	0.0746	0.1325	0.1486	0.0509	6,081,385	Jet A	T
KC-135R	TF33-P-5&9	4	1.27	0.08	1.65	51.41	1530	0.5216	1.129	1.213	0.1411	3,674,994	Jet A	J
A-4 SKYHAWK	J52-P-8B	1	1.02	0.02	0.65	50.90	19	0.29	0.772	0.929	0.0857	6,016	Jet A	J
BH-1900	PT6A-67B	2	3.39	0.07	0.82	50.99	3026	0.0446	0.0789	0.0876	0.0253	551,433	Jet A	T
B757-200	PW2037	2	1.55	0.07	0.94	51.30	1400	0.458	1.307	1.571	0.152	1,692,723	Jet A	J
B767-200	CF6-80A (A1)	2	1.50	0.08	1.20	51.28	120	0.615	1.795	2.145	0.15	163,182	Jet A	J
Cessna 208 Caravan	PT6A-114	1	3.39	0.07	0.82	50.99	1361	0.025	0.0449	0.0504	0.0138	68,013	Jet A	T
DC10-10F	CF6-6D	3	1.44	0.09	1.45	51.39	176	0.4839	1.431	1.736	0.1728	387,225	Jet A	J
DC8-73F	CFM56-2C5	4	1.42	0.07	1.28	51.45	13	0.311	0.819	0.985	0.128	26,037	Jet A	J
DC9-30F	JT8D-11	2	1.46	0.08	1.13	51.27	671	0.3339	0.9136	1.121	0.1455	747,797	Jet A	J
Learjet 25B	CJ610-6	2	1.47	0.04	0.81	51.06	124	0.129	0.288	0.35	0.064	55,837	Jet A	J
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	51.06	2176	0.067	0.173	0.205	0.024	390,871	Jet A	J
MD-11-11F	CF6-80C2D1F	3	1.37	0.07	1.36	51.47	5	0.688	2.126	2.629	0.205	13,696	Jet A	J
C-12A/B/C	PT6A-41	2	3.39	0.07	0.82	50.99	149	0.0344	0.0596	0.0643	0.0185	19,969	Jet A	T
C-130E HERCULES	T56-A-7	4	1.56	0.16	1.98	51.29	28	0.111	0.2292	0.2695	0.0926	36,912	Jet A	T
C-141	TF33-P-7	4	1.58	0.10	1.47	51.40	112	0.50216	0.96155	1.148	0.13286	252,837	Jet A	J
C-5 Galaxy	TF39-GE-1C	4	1.37	0.11	1.35	51.40	19	1.3201	1.5802	1.7465	0.1824	62,543	Jet A	J
C-9A	JT8D-9	2	1.46	0.08	1.13	51.27	37	0.2977	0.8453	1.04	0.1323	37,565	Jet A	J
F/A-18 HORNET	F404-GE-400	2	1.02	0.02	0.65	50.90	84	0.327	0.7462	3.578	0.0786	67,283	Jet A	J
B720-00B	JT3D-3B	4	1.49	0.06	0.87	51.39	74	0.346	0.932	1.174	0.135	151,502	Jet A	J
B737-300	CFM56-3-B1	2	1.49	0.05	0.89	51.27	15	0.29	0.792	0.946	0.114	12,885	Jet A	J
B737-400	CFM56-3B-2	2	1.49	0.05	0.89	51.27	78	0.314	0.878	1.056	0.119	70,694	Jet A	J
B737-800	CFM56-7B26	2	1.42	0.05	1.08	51.25	30	0.338	0.999	1.221	0.113	27,503	Jet A	J
B747-400	PW4056	4	1.34	0.10	1.35	51.47	7	0.658	1.93	2.342	0.208	25,103	Jet A	J
B727-100	JT8D-7B	3	1.68	0.07	1.19	51.34	41	0.2861	0.8113	0.9892	0.1291	61,568	Jet A	J
B727-200	JT8D-15	3	1.43	0.08	1.51	51.29	233	0.3402	0.945	1.178	0.1477	415,894	Jet A	J

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	FF1	FF2	FF3	FF4	Fuel (kg)	Type	Category
B737-200	JT8D-15A	2	1.51	0.06	0.93	51.24	70	0.312	0.8955	1.115	0.1372	72,172	Jet A	J
B747-200	JT9D-7R4G2	4	1.44	0.15	1.78	51.43	15	0.659	1.88	2.429	0.2239	61,451	Jet A	J
B757-200	PW2037	2	1.55	0.07	0.94	51.30	92	0.458	1.307	1.571	0.152	111,236	Jet A	J
A300-600	CF6-80C2A5F	2	1.62	0.06	0.86	51.48	251	0.691	2.106	2.63	0.22	446,775	Jet A	J
A319	CFM56-5B6/P	2	1.71	0.06	0.92	51.49	15	0.275	0.799	0.961	0.097	11,514	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	51.27	7	0.319	0.88	1.053	0.128	6,867	Jet A	J
Citation VII	TFE731-2	2	1.74	0.05	0.94	51.10	565	0.067	0.173	0.205	0.024	104,706	Jet A	J
CITATION X	AE3007C	2	1.73	0.06	1.08	51.12	347	0.091	0.234	0.28	0.039	102,749	Jet A	J
DC10-10	CF6-6D	3	1.44	0.09	1.45	51.39	177	0.4839	1.431	1.736	0.1728	389,425	Jet A	J
DC9-10	JT8D-7B	2	1.60	0.06	0.80	51.34	7	0.2861	0.8113	0.9892	0.1291	6,658	Jet A	J
EMB-120	PW118	2	1.75	0.05	0.70	51.02	318	0.06368	0.1053	0.119	0.0421	89,598	Jet A	T
Falcon 100	TFE731-3	2	1.47	0.04	0.81	51.06	303	0.072	0.186	0.225	0.026	59,016	Jet A	J
Falcon 20	CF700-2D	2	1.67	0.06	1.14	51.07	266	0.116	0.2926	0.3285	0.058	113,247	Jet A	J
Gulfstream II	SPFY MK511-8	2	1.42	0.06	1.03	51.07	303	0.278	0.726	0.891	0.127	285,133	Jet A	J
Gulfstream IV	TAY Mk611-8	2	1.42	0.04	0.69	51.12	425	0.23	0.63	0.76	0.11	331,469	Jet A	J
Gulfstream V	BR700-710A1-10 GulfV	2	1.55	0.03	0.79	51.11	137	0.214	0.594	0.713	0.089	89,788	Jet A	J
MD-80	JT8D-219	2	1.46	0.08	1.17	51.33	7	0.3817	1.085	1.354	0.1344	7,667	Jet A	J
Beech King Air 200	PT6A-41	2	3.39	0.07	0.82	50.99	15	0.0344	0.0596	0.0643	0.0185	2,010	Jet A	T
Swearingen Merlin	TPE331-2	2	2.20	0.05	0.90	51.03	302	0.02772	0.04687	0.05103	0.01323	28,426	Jet A	T
**Baron58	IO-360-B	2	1.94	0.11	0.90	51.20	702	0.00461	0.00903	0.01298	0.00102	6,221	AvGas	P
B. 99A	PT6A-28	2	3.39	0.07	0.82	50.99	370	0.0245	0.0455	0.0515	0.0144	38,305	Jet A	T
337H Skymaster	TSIO-360C	2	2.09	0.11	0.98	51.19	1170	0.00769	0.0125	0.0168	0.00145	15,182	AvGas	P
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	51.19	5006	0.0125	0.02577	0.03272	0.003158	133,770	AvGas	P
CL600	ALF 502L-2	2	1.57	0.04	0.84	51.15	510	0.1172	0.3236	0.3999	0.0477	181,930	Jet A	J
Falcon 50	TFE731-3	3	1.47	0.04	0.81	51.06	351	0.072	0.186	0.225	0.026	102,547	Jet A	J
Cessna 172 Skyhawk	O-320	1	2.85	0.20	1.75	51.05	1212	0.00586	0.0084	0.0112	0.00119	7,180	AvGas	P
**TurboCommander 690	TPE331-3	2	1.57	0.03	0.80	51.00	406	0.0316	0.0517	0.0578	0.0142	40,028	Jet A	T
Beech King Air 90	PT6A-28	2	3.39	0.07	0.82	50.99	1735	0.0245	0.0455	0.0515	0.0144	179,620	Jet A	T
Cessna 441 Conquest2	TPE331-8	2	3.15	0.11	1.12	50.99	1357	0.0377	0.0532	0.0566	0.0144	150,180	Jet A	T
CITATION I	JT15D-1	2	1.86	0.07	1.08	51.15	454	0.051	0.124	0.148	0.023	78,442	Jet A	J
Convair liner	RDA10	2	2.30	0.12	1.18	51.24	7	0.07893	0.17	0.213	0.0526	2,645	Jet A	T
**DC3	PT6A-41	2	3.03	0.07	0.70	51.00	15	0.0344	0.0596	0.0643	0.0185	1,974	AvGas	P
Beech King Air 300	PT6A-60, -60A, -60AG	2	3.39	0.07	0.82	50.99	1976	0.039	0.068	0.075	0.021	300,967	Jet A	T
BH-1900	PT6A-67B	2	3.39	0.07	0.82	50.99	1253	0.0446	0.0789	0.0876	0.0253	228,336	Jet A	T
Cessna 208 Caravan	PT6A-114	1	3.39	0.07	0.82	50.99	1315	0.025	0.0449	0.0504	0.0138	65,714	Jet A	T
Piper PA-28	IO-320-DIAD	1	3.54	0.22	1.77	51.01	681	0.004744	0.007736	0.01155	0.000989	3,652	AvGas	P
Cherokee six	TIO-540-J2B2	1	3.54	0.22	1.77	51.01	2792	0.0125	0.02577	0.03272	0.003158	45,050	AvGas	P
Commanche	TIO-540-J2B2	1	3.15	0.11	1.12	50.99	857	0.0125	0.02577	0.03272	0.003158	12,335	AvGas	P
F-27 SERIES	RDa7	2	2.30	0.12	1.18	51.24	133	0.08142	0.157	0.178	0.0517	48,921	Jet A	T
Westwind 2	TFE731-3	2	1.57	0.06	1.05	51.19	248	0.072	0.186	0.225	0.026	50,336	Jet A	J
Learjet 25B	CJ610-6	2	1.47	0.04	0.81	51.06	484	0.129	0.288	0.35	0.064	217,945	Jet A	J
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	51.06	2619	0.067	0.173	0.205	0.024	470,446	Jet A	J
CITATION II	JT15D-4 (B,C,D)	2	1.78	0.06	0.93	51.11	1733	0.059	0.143	0.1697	0.0261	333,857	Jet A	J
A300-600F	CF6-80C2A5F	2	1.62	0.06	0.86	51.48	121	0.691	2.106	2.63	0.22	215,378	Jet A	J
A310-200F	CF6-80A3	2	1.57	0.05	1.02	51.48	8	0.641	1.885	2.254	0.15	10,677	Jet A	J
B727-200F	JT8D-15	3	1.43	0.08	1.51	51.29	3341	0.3402	0.945	1.178	0.1477	5,963,524	Jet A	J
B767-300F	PW4056	2	1.51	0.07	0.95	51.29	229	0.658	1.93	2.342	0.208	385,322	Jet A	J
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	51.19	19	0.0125	0.02577	0.03272	0.003158	508	AvGas	P
Citation VII	TFE731-3	2	1.74	0.05	0.94	51.10	19	0.072	0.186	0.225	0.026	3,818	Jet A	J
Rockwell Commander	IO-360-B	1	3.15	0.11	1.12	50.99	56	0.00461	0.00903	0.01298	0.00102	276	AvGas	P

AIR_NAME	ENG_NAME	# of Engines	MODE1	MODE2	MODE3	MODE4	ANNUAL_LTOS	FF1	FF2	FF3	FF4	Fuel (kg)	Type	Category
King Air 200	PT6A-41	2	3.39	0.07	0.82	50.99	243	0.0344	0.0596	0.0643	0.0185	32,567	Jet A	T
Learjet 35/36	TFE 731-2-2B	2	1.47	0.04	0.81	51.06	37	0.067	0.173	0.205	0.024	6,646	Jet A	J
CITATION V	JT15D-5 (A & B)	2	1.78	0.06	0.93	51.11	47	0.066	0.1727	0.2054	0.0296	10,331	Jet A	J
H-550A Stallion	PT6A-27	1	3.15	0.11	1.12	50.99	19	0.0245	0.0455	0.0515	0.0144	996	Jet A	T
T-37 Tweet	J69-25A	2	1.47	0.04	0.81	51.06	28	0.11	0.1367	0.1367	0.021	4,537	Jet A	J
T-2C Buckeye	J85-GE-2	2	1.29	0.05	1.16	51.21	56	0.1317	0.2715	0.3641	0.0705	28,332	Jet A	J
DC8-73F	CFM56-2A SERIES	4	1.42	0.07	1.28	51.45	55	0.318	0.911	1.114	0.13	113,913	Jet A	J
B737-300	CFM56-3-B1	2	1.49	0.05	0.89	51.27	20	0.29	0.792	0.946	0.114	17,180	Jet A	J
A320	V2527-A5	2	1.62	0.06	0.99	51.27	101	0.319	0.88	1.053	0.128	99,076	Jet A	J
Beech King Air 90	PT6A-28	2	3.39	0.07	0.82	50.99	191	0.0245	0.0455	0.0515	0.0144	19,774	Jet A	T
DC10-30CF Series	CF6-50C2	3	1.37	0.07	1.30	51.32	41	0.663	1.94	2.361	0.163	92,092	Jet A	J
PA-31T Cheyenne	PT6A-28	2	2.20	0.05	0.90	51.03	1073	0.0245	0.0455	0.0515	0.0144	107,818	Jet A	T
Piper PA-28	IO-320-DIAD	1	3.54	0.22	1.77	51.01	749	0.004744	0.007736	0.01155	0.000989	4,017	AvGas	P
B717-200	BR700-715C1-30	2	1.51	0.06	1.05	51.28	1043	0.273	0.799	0.98	0.101	834,623	Jet A	J
B737-700	CFM56-7B24	2	1.55	0.05	1.06	51.44	320	0.316	0.91	1.103	0.109	280,759	Jet A	J
B737-900	CFM56-7B26	2	1.42	0.05	1.08	51.25	5316	0.338	0.999	1.221	0.113	4,873,607	Jet A	J
Embraer ERJ 135/140	AE3007A3 (Type 2)	2	1.57	0.09	0.90	51.24	1524	0.1076	0.2995	0.3583	0.0448	514,608	Jet A	J
Navajo	TIO-540-J2B2	2	2.09	0.11	0.98	51.19	2099	0.0125	0.02577	0.03272	0.003158	56,089	AvGas	P
REG'L JET 200 ER	CF34-3B	2	1.50	0.04	0.96	51.16	28223	0.116	0.3288	0.3991	0.0489	10,404,167	Jet A	J
MD-11	PW4460	3	1.37	0.07	1.52	51.41	7	0.703	2.085	2.647	0.213	20,264	Jet A	J
SF-340-A	CT7-5	2	1.78	0.07	0.84	51.19	7	0.045	0.094	0.101	0.015	789	Jet A	T

335,002

LTOs

250,640,583 kg/yr

JET A 250,354,328 kg/yr  
AvGas 286,255 kg/yr

AvGas 0.60kg/1L 0.67 Range from 0.60 to 0.73  
Jet A 0.78kg/1L 0.81 Range from 0.78 to 0.84  
Liters to Gallons = 0.264172

Liters per year  
AvGas 191,791  
Jet A 202,787,006

Gallons per Year	
AvGas	50,666
Jet A	53,570,649