

LONG RANGE CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

ALTITUDE : 5000 FT TO 18000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITION

WEIGHT (KG)

ALTITUDE (FT)

			5000	10000	11000	12000	13000	14000	15000	16000	17000	18000
22000	N1	%	65.8	70.6	71.1	71.6	72.2	72.8	73.4	74.1	74.8	75.6
	F FLOW	KG/H/ENG	570	581	577	573	569	565	562	559	556	554
	IAS	KT	248	257	256	255	254	253	252	251	250	249
	TAS	KT	267	298	301	304	308	311	314	318	322	325
	INDICATED	MACH	0.409	0.465	0.472	0.479	0.486	0.494	0.501	0.509	0.516	0.524
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.55
	SR	NM/KG	0.232	0.256	0.261	0.266	0.270	0.275	0.280	0.284	0.289	0.294
21000	N1	%	65.4	69.8	70.2	70.7	71.2	71.8	72.4	73.0	73.7	74.4
	F FLOW	KG/H/ENG	560	558	553	549	545	541	537	534	531	529
	IAS	KT	248	253	252	251	250	249	248	247	246	245
	TAS	KT	267	293	296	299	302	305	309	312	316	320
	INDICATED	MACH	0.410	0.458	0.464	0.471	0.478	0.485	0.492	0.500	0.507	0.515
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.237	0.262	0.267	0.272	0.277	0.282	0.287	0.292	0.297	0.302
20000	N1	%	64.9	68.9	69.4	69.8	70.3	70.8	71.3	71.9	72.6	73.3
	F FLOW	KG/H/ENG	551	536	531	526	522	517	513	510	507	504
	IAS	KT	249	249	248	247	245	244	243	242	241	240
	TAS	KT	268	288	291	294	297	300	303	307	310	314
	INDICATED	MACH	0.411	0.450	0.457	0.463	0.470	0.476	0.483	0.491	0.498	0.506
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.242	0.268	0.274	0.279	0.285	0.290	0.295	0.301	0.306	0.311
19000	N1	%	64.6	67.7	68.3	68.9	69.4	69.8	70.3	70.9	71.5	72.1
	F FLOW	KG/H/ENG	542	513	508	503	499	494	491	487	483	480
	IAS	KT	250	244	243	242	241	240	239	238	237	236
	TAS	KT	268	282	285	288	291	295	298	301	304	308
	INDICATED	MACH	0.413	0.442	0.448	0.455	0.462	0.468	0.475	0.482	0.490	0.497
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.247	0.275	0.281	0.286	0.292	0.298	0.304	0.309	0.315	0.321
18000	N1	%	63.5	66.5	67.1	67.7	68.3	68.9	69.3	69.8	70.3	70.9
	F FLOW	KG/H/ENG	523	491	486	480	476	471	467	463	460	456
	IAS	KT	246	240	239	238	236	235	234	233	232	231
	TAS	KT	264	277	280	283	286	289	292	295	298	302
	INDICATED	MACH	0.407	0.434	0.440	0.446	0.453	0.459	0.466	0.473	0.480	0.488
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.253	0.282	0.288	0.294	0.300	0.306	0.312	0.318	0.325	0.331

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

FOR ANTI-ICE ON:
INCREASE N1 BY 0.6% AND FUEL FLOW BY 8%.
DECREASE SR BY 9%.

LONG RANGE CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

ALTITUDE : 5000 FT TO 18000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITION

WEIGHT (KG)

ALTITUDE (FT)

			5000	10000	11000	12000	13000	14000	15000	16000	17000	18000
17000	N1	%	62.2	65.3	65.9	66.5	67.1	67.7	68.3	68.8	69.2	69.7
	F FLOW	KG/H/ENG	501	470	464	459	454	449	444	440	437	433
	IAS	KT	242	236	234	233	232	231	230	229	228	227
	TAS	KT	259	272	275	277	280	283	286	289	292	295
	INDICATED	MACH	0.399	0.427	0.433	0.438	0.444	0.451	0.457	0.464	0.471	0.478
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.258	0.289	0.296	0.302	0.309	0.315	0.322	0.328	0.335	0.341
16000	N1	%	60.9	64.0	64.6	65.2	65.8	66.4	67.1	67.6	68.1	68.6
	F FLOW	KG/H/ENG	480	448	442	437	432	427	422	418	414	410
	IAS	KT	237	231	230	228	227	226	225	224	223	222
	TAS	KT	254	266	269	271	274	277	280	283	286	289
	INDICATED	MACH	0.392	0.418	0.424	0.430	0.436	0.442	0.448	0.454	0.461	0.468
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.264	0.297	0.304	0.310	0.317	0.324	0.331	0.338	0.345	0.352
15000	N1	%	59.6	62.6	63.2	63.8	64.4	65.0	65.7	66.3	66.9	67.5
	F FLOW	KG/H/ENG	460	426	421	415	410	405	401	396	392	388
	IAS	KT	233	226	225	223	222	221	220	219	218	217
	TAS	KT	249	260	262	265	268	271	273	276	279	282
	INDICATED	MACH	0.384	0.409	0.415	0.420	0.426	0.432	0.438	0.445	0.451	0.458
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.270	0.305	0.312	0.319	0.326	0.334	0.341	0.349	0.356	0.364
14000	N1	%	58.2	61.1	61.7	62.3	62.9	63.5	64.2	64.8	65.4	66.1
	F FLOW	KG/H/ENG	439	406	400	394	389	384	379	374	370	366
	IAS	KT	228	221	220	218	217	216	215	214	213	212
	TAS	KT	243	254	256	259	261	264	267	270	272	275
	INDICATED	MACH	0.376	0.400	0.405	0.411	0.416	0.422	0.428	0.434	0.441	0.447
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.277	0.313	0.321	0.328	0.336	0.344	0.352	0.360	0.368	0.376
13000	N1	%	56.7	59.5	60.2	60.7	61.3	62.0	62.6	63.2	63.9	64.5
	F FLOW	KG/H/ENG	419	386	380	374	368	363	358	353	349	344
	IAS	KT	222	216	215	213	212	211	210	208	207	206
	TAS	KT	237	248	250	253	255	257	260	263	265	268
	INDICATED	MACH	0.368	0.391	0.396	0.401	0.407	0.412	0.418	0.424	0.430	0.436
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.283	0.322	0.330	0.338	0.346	0.355	0.363	0.372	0.381	0.389

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

FOR ANTI-ICE ON:
INCREASE N1 BY 0.6% AND FUEL FLOW BY 8%.
DECREASE SR BY 9%.

LONG RANGE CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

ALTITUDE : 19000 FT TO 28000 FT

CRUISE CONFIGURATION

BLEED: OPEN

ISA CONDITION

**WEIGHT
(KG)**

ALTITUDE (FT)

			19000	20000	21000	22000	23000	24000	25000	26000	27000	28000
22000	N1	%	76.4	77.2	78.1	79.0	79.8	80.5	81.1	81.8	82.4	83.2
	F FLOW	KG/H/ENG	552	550	549	549	547	546	546	546	546	547
	IAS	KT	248	247	246	246	245	245	245	245	245	245
	TAS	KT	329	333	337	341	346	351	357	363	369	375
	INDICATED	MACH	0.532	0.541	0.550	0.559	0.569	0.580	0.591	0.604	0.616	0.629
	BUFFET MARGIN	G	2.50	2.46	2.41	2.36	2.32	2.27	2.23	2.18	2.13	2.08
	SR	NM/KG	0.298	0.303	0.307	0.311	0.316	0.322	0.327	0.332	0.337	0.343
21000	N1	%	75.2	76.0	76.9	77.7	78.6	79.4	80.1	80.8	81.4	82.1
	F FLOW	KG/H/ENG	527	525	524	522	521	520	519	519	519	519
	IAS	KT	244	243	242	241	240	239	239	239	239	239
	TAS	KT	323	327	331	335	340	344	349	355	361	367
	INDICATED	MACH	0.523	0.532	0.540	0.549	0.558	0.568	0.579	0.591	0.603	0.616
	BUFFET MARGIN	G	2.56	2.51	2.47	2.42	2.37	2.32	2.28	2.23	2.19	2.14
	SR	NM/KG	0.307	0.312	0.316	0.321	0.326	0.331	0.336	0.342	0.348	0.353
20000	N1	%	74.0	74.7	75.5	76.4	77.3	78.2	78.9	79.7	80.3	81.0
	F FLOW	KG/H/ENG	502	499	498	496	495	495	493	492	491	491
	IAS	KT	239	238	237	236	236	235	234	234	234	234
	TAS	KT	317	321	325	329	333	337	341	347	352	358
	INDICATED	MACH	0.514	0.522	0.531	0.539	0.548	0.558	0.567	0.578	0.590	0.602
	BUFFET MARGIN	G	2.56	2.56	2.52	2.47	2.42	2.38	2.32	2.28	2.24	2.19
	SR	NM/KG	0.316	0.322	0.327	0.332	0.336	0.341	0.347	0.353	0.359	0.364
19000	N1	%	72.7	73.5	74.2	75.0	75.9	76.7	77.6	78.4	79.2	79.9
	F FLOW	KG/H/ENG	477	475	473	471	469	468	468	466	465	465
	IAS	KT	235	234	233	232	231	230	230	228	228	228
	TAS	KT	311	315	319	323	327	331	335	339	344	350
	INDICATED	MACH	0.505	0.513	0.521	0.530	0.538	0.547	0.557	0.565	0.576	0.588
	BUFFET MARGIN	G	2.56	2.56	2.56	2.53	2.48	2.43	2.39	2.33	2.29	2.24
	SR	NM/KG	0.326	0.332	0.337	0.343	0.348	0.353	0.358	0.364	0.370	0.376
18000	N1	%	71.5	72.2	72.9	73.7	74.5	75.3	76.2	77.1	77.9	78.6
	F FLOW	KG/H/ENG	453	451	448	446	444	443	442	441	439	439
	IAS	KT	230	229	228	228	227	226	225	224	223	223
	TAS	KT	305	309	313	316	320	324	328	332	336	341
	INDICATED	MACH	0.495	0.503	0.511	0.519	0.528	0.537	0.546	0.555	0.563	0.575
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.54	2.49	2.45	2.40	2.34	2.30
	SR	NM/KG	0.337	0.343	0.348	0.354	0.360	0.366	0.371	0.377	0.383	0.389

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.

INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.

INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

FOR ANTI-ICE ON:

INCREASE N1 BY 0.6% AND FUEL FLOW BY 8%.

DECREASE SR BY 9%.

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AE3007A1 ENGINES

ALTITUDE : 19000 FT TO 28000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITION

WEIGHT (KG)

ALTITUDE (FT)

			19000	20000	21000	22000	23000	24000	25000	26000	27000	28000
17000	N1	%	70.3	70.9	71.6	72.3	73.0	73.8	74.6	75.5	76.4	77.3
	F FLOW	KG/H/ENG	430	427	424	422	419	418	416	415	415	413
	IAS	KT	225	224	223	223	222	221	220	219	219	217
	TAS	KT	299	302	306	309	313	317	321	325	329	333
	INDICATED	MACH	0.485	0.493	0.500	0.509	0.517	0.525	0.534	0.543	0.553	0.562
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.55	2.51	2.46	2.41	2.36
	SR	NM/KG	0.348	0.354	0.361	0.367	0.373	0.379	0.385	0.391	0.397	0.403
16000	N1	%	69.1	69.7	70.3	70.9	71.6	72.3	73.1	73.9	74.8	75.7
	F FLOW	KG/H/ENG	407	404	400	398	395	393	391	390	389	388
	IAS	KT	221	220	219	218	217	216	215	214	213	213
	TAS	KT	292	296	299	302	306	310	313	317	322	326
	INDICATED	MACH	0.475	0.483	0.490	0.498	0.506	0.514	0.522	0.531	0.541	0.550
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.52	2.48	2.43
	SR	NM/KG	0.359	0.366	0.373	0.380	0.387	0.394	0.401	0.407	0.414	0.420
15000	N1	%	68.0	68.4	69.0	69.6	70.2	70.8	71.5	72.3	73.1	73.9
	F FLOW	KG/H/ENG	384	381	378	375	372	370	367	365	364	362
	IAS	KT	216	215	214	213	212	211	210	209	208	207
	TAS	KT	285	289	292	295	299	302	306	310	314	318
	INDICATED	MACH	0.465	0.472	0.479	0.487	0.495	0.503	0.511	0.519	0.527	0.536
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.54	2.50
	SR	NM/KG	0.371	0.379	0.387	0.394	0.402	0.409	0.417	0.424	0.431	0.438
14000	N1	%	66.7	67.2	67.7	68.2	68.8	69.4	70.0	70.7	71.4	72.2
	F FLOW	KG/H/ENG	362	359	355	352	349	347	344	342	340	338
	IAS	KT	211	210	209	208	207	206	205	204	203	202
	TAS	KT	278	282	285	288	292	295	299	302	305	309
	INDICATED	MACH	0.454	0.461	0.468	0.475	0.483	0.491	0.499	0.507	0.514	0.523
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.384	0.393	0.401	0.409	0.417	0.425	0.434	0.442	0.450	0.458
13000	N1	%	65.1	65.8	66.4	66.9	67.4	67.9	68.5	69.1	69.8	70.5
	F FLOW	KG/H/ENG	340	336	333	330	327	324	321	319	317	315
	IAS	KT	205	204	203	202	201	200	199	198	197	196
	TAS	KT	271	274	277	280	283	287	290	294	297	301
	INDICATED	MACH	0.442	0.449	0.456	0.463	0.470	0.478	0.485	0.493	0.501	0.510
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.398	0.407	0.416	0.425	0.434	0.443	0.452	0.461	0.470	0.478

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

FOR ANTI-ICE ON:
INCREASE N1 BY 0.6% AND FUEL FLOW BY 8%.
DECREASE SR BY 9%.

LONG RANGE CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

ALTITUDE : 29000 FT TO 37000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITION

WEIGHT (KG)

ALTITUDE (FT)

			29000	30000	31000	32000	33000	34000	35000	36000	37000
22000	N1	%	84.0	84.7	85.3	85.9	86.7	87.7	89.0	90.3	90.3
	F FLOW	KG/H/ENG	548	550	552	554	558	561	565	570	549
	IAS	KT	245	246	246	247	248	249	250	251	241
	TAS	KT	381	388	395	402	411	419	428	437	430
	INDICATED	MACH	0.643	0.657	0.672	0.688	0.705	0.722	0.741	0.761	0.749
	BUFFET MARGIN	G	2.02	1.96	1.90	1.83	1.75	1.67	1.57	1.47	1.42
	SR	NM/KG	0.348	0.353	0.358	0.363	0.368	0.374	0.379	0.384	0.389
21000	N1	%	82.8	83.6	84.3	84.9	85.6	86.3	87.3	88.7	90.3
	F FLOW	KG/H/ENG	520	521	522	525	526	529	533	537	544
	IAS	KT	239	240	240	241	241	242	243	244	246
	TAS	KT	373	379	386	394	401	409	417	426	438
	INDICATED	MACH	0.629	0.642	0.657	0.673	0.688	0.704	0.722	0.741	0.762
	BUFFET MARGIN	G	2.08	2.02	1.96	1.90	1.83	1.75	1.67	1.57	1.47
	SR	NM/KG	0.359	0.364	0.370	0.375	0.381	0.386	0.391	0.397	0.402
20000	N1	%	81.6	82.4	83.2	83.9	84.5	85.2	85.9	86.9	88.7
	F FLOW	KG/H/ENG	492	493	494	495	497	499	502	505	511
	IAS	KT	234	234	234	235	235	236	237	238	239
	TAS	KT	364	371	377	384	391	399	407	415	426
	INDICATED	MACH	0.615	0.628	0.642	0.656	0.672	0.688	0.705	0.723	0.742
	BUFFET MARGIN	G	2.14	2.09	2.03	1.97	1.90	1.83	1.75	1.67	1.57
	SR	NM/KG	0.370	0.376	0.382	0.388	0.394	0.399	0.405	0.411	0.417
19000	N1	%	80.5	81.2	81.9	82.7	83.4	84.1	84.7	85.5	86.8
	F FLOW	KG/H/ENG	465	465	466	466	468	470	472	475	480
	IAS	KT	228	229	229	229	229	230	230	231	232
	TAS	KT	356	362	368	374	381	389	396	404	414
	INDICATED	MACH	0.601	0.614	0.628	0.641	0.656	0.671	0.687	0.704	0.723
	BUFFET MARGIN	G	2.20	2.15	2.09	2.03	1.97	1.91	1.84	1.76	1.67
	SR	NM/KG	0.383	0.389	0.395	0.401	0.408	0.414	0.420	0.426	0.432
18000	N1	%	79.4	80.0	80.6	81.4	82.2	82.9	83.6	84.2	85.3
	F FLOW	KG/H/ENG	439	438	438	439	440	441	443	445	449
	IAS	KT	223	223	223	223	223	224	224	225	225
	TAS	KT	347	353	359	365	372	379	386	393	403
	INDICATED	MACH	0.587	0.600	0.612	0.626	0.640	0.654	0.670	0.686	0.703
	BUFFET MARGIN	G	2.26	2.21	2.16	2.10	2.05	1.98	1.92	1.85	1.77
	SR	NM/KG	0.396	0.403	0.409	0.416	0.423	0.429	0.436	0.442	0.449

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

FOR ANTI-ICE ON:
INCREASE N1 BY 0.6% AND FUEL FLOW BY 8%.
DECREASE SR BY 9%.

LONG RANGE CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

ALTITUDE : 29000 FT TO 37000 FT

CRUISE CONFIGURATION

BLEED: OPEN

ISA CONDITION

**WEIGHT
(KG)**

ALTITUDE (FT)

			29000	30000	31000	32000	33000	34000	35000	36000	37000
17000	N1	%	78.1	78.8	79.4	80.1	80.8	81.6	82.7	83.0	84.0
	F FLOW	KG/H/ENG	413	412	412	412	413	413	408	416	419
	IAS	KT	217	217	217	217	217	217	218	218	219
	TAS	KT	338	344	350	356	362	369	375	383	392
	INDICATED	MACH	0.573	0.585	0.597	0.610	0.624	0.638	0.653	0.668	0.684
	BUFFET MARGIN	G	2.31	2.27	2.22	2.17	2.12	2.06	2.00	1.93	1.86
	SR	NM/KG	0.410	0.417	0.425	0.432	0.439	0.446	0.460	0.460	0.467
16000	N1	%	76.6	77.4	78.1	78.8	79.4	80.1	80.8	81.7	82.7
	F FLOW	KG/H/ENG	388	386	386	386	386	386	381	388	391
	IAS	KT	212	211	211	211	211	211	211	212	212
	TAS	KT	330	335	340	346	352	358	365	372	380
	INDICATED	MACH	0.560	0.570	0.582	0.594	0.607	0.621	0.635	0.650	0.665
	BUFFET MARGIN	G	2.38	2.33	2.28	2.24	2.19	2.13	2.08	2.02	1.95
	SR	NM/KG	0.426	0.433	0.441	0.449	0.456	0.464	0.479	0.479	0.487
15000	N1	%	74.8	75.7	76.6	77.4	78.1	78.7	79.3	80.2	81.3
	F FLOW	KG/H/ENG	361	361	360	359	359	359	354	360	362
	IAS	KT	206	206	205	205	205	205	205	205	205
	TAS	KT	322	326	330	336	341	347	354	360	368
	INDICATED	MACH	0.546	0.556	0.565	0.577	0.589	0.602	0.616	0.630	0.645
	BUFFET MARGIN	G	2.45	2.40	2.34	2.30	2.25	2.20	2.15	2.10	2.04
	SR	NM/KG	0.445	0.452	0.459	0.467	0.475	0.484	0.499	0.500	0.508
14000	N1	%	73.0	73.9	74.8	75.7	76.5	77.3	77.8	78.6	79.6
	F FLOW	KG/H/ENG	337	335	335	334	333	333	328	333	335
	IAS	KT	201	200	199	199	198	198	198	198	198
	TAS	KT	313	317	322	326	331	336	342	349	356
	INDICATED	MACH	0.532	0.541	0.551	0.561	0.572	0.584	0.597	0.611	0.625
	BUFFET MARGIN	G	2.52	2.47	2.42	2.37	2.32	2.28	2.23	2.18	2.12
	SR	NM/KG	0.465	0.473	0.480	0.488	0.496	0.505	0.522	0.523	0.532
13000	N1	%	71.2	72.0	72.9	73.8	74.7	75.5	76.2	77.0	78.0
	F FLOW	KG/H/ENG	313	311	310	309	308	308	303	307	308
	IAS	KT	195	194	194	193	192	191	191	191	191
	TAS	KT	305	309	313	317	321	325	331	337	344
	INDICATED	MACH	0.518	0.527	0.536	0.546	0.556	0.565	0.578	0.590	0.604
	BUFFET MARGIN	G	2.56	2.55	2.50	2.45	2.40	2.35	2.30	2.26	2.20
	SR	NM/KG	0.487	0.496	0.504	0.513	0.521	0.529	0.547	0.548	0.558

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.

INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.

INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

FOR ANTI-ICE ON:

INCREASE N1 BY 0.6% AND FUEL FLOW BY 8%.

DECREASE SR BY 9%.

MAXIMUM SPEED CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

PRESSURE ALTITUDE: 5000 FT TO 18000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITIONS

WEIGHT (KG)		ALTITUDE (FT)									
		5000	10000	11000	12000	13000	14000	15000	16000	17000	18000
22000	N1 %	66.3	77.9	78.6	79.5	80.3	81.2	82.1	82.9	83.6	84.3
	F FLOW KG/H/ENG	575	804	804	804	805	806	807	809	811	813
	IAS KT	250	320	320	320	320	320	320	320	320	320
	TAS KT	269	369	375	380	385	391	397	403	408	414
	INDICATED MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR NM/KG	0.234	0.230	0.233	0.236	0.239	0.243	0.246	0.249	0.252	0.255
21000	N1 %	65.8	77.5	78.3	79.1	79.9	80.8	81.7	82.5	83.3	84.0
	F FLOW KG/H/ENG	564	794	794	794	794	795	796	797	799	801
	IAS KT	250	320	320	320	320	320	320	320	320	320
	TAS KT	269	369	375	380	385	391	397	403	408	414
	INDICATED MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR NM/KG	0.238	0.232	0.236	0.239	0.243	0.246	0.249	0.253	0.256	0.259
20000	N1 %	65.2	77.1	77.8	78.6	79.4	80.3	81.2	82.0	82.8	83.6
	F FLOW KG/H/ENG	553	782	781	781	781	782	782	784	785	787
	IAS KT	250	320	320	320	320	320	320	320	320	320
	TAS KT	269	369	374	379	385	390	396	402	408	414
	INDICATED MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR NM/KG	0.243	0.236	0.239	0.243	0.246	0.250	0.253	0.256	0.260	0.263
19000	N1 %	64.6	76.7	77.4	78.2	79.0	79.8	80.7	81.5	82.3	83.1
	F FLOW KG/H/ENG	542	770	769	769	769	769	769	770	771	773
	IAS KT	250	320	320	320	320	320	320	320	320	320
	TAS KT	268	368	373	379	384	390	395	401	407	413
	INDICATED MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR NM/KG	0.248	0.239	0.243	0.246	0.250	0.253	0.257	0.260	0.264	0.267
18000	N1 %	64.0	76.3	77.0	77.7	78.5	79.3	80.2	81.1	81.9	82.7
	F FLOW KG/H/ENG	532	758	757	757	756	756	756	757	758	759
	IAS KT	250	320	320	320	320	320	320	320	320	320
	TAS KT	268	367	373	378	383	389	395	400	406	412
	INDICATED MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR NM/KG	0.252	0.242	0.246	0.250	0.254	0.257	0.261	0.265	0.268	0.272

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

MAXIMUM SPEED CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

PRESSURE ALTITUDE: 5000 FT TO 18000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITIONS

WEIGHT (KG)

ALTITUDE (FT)

			5000	10000	11000	12000	13000	14000	15000	16000	17000	18000
17000	N1	%	63.5	75.9	76.6	77.3	78.1	78.9	79.7	80.6	81.4	82.2
	F FLOW	KG/H/ENG	523	747	746	745	744	744	744	745	745	746
	IAS	KT	250	320	320	320	320	320	320	320	320	320
	TAS	KT	268	367	372	377	383	388	394	400	406	412
	INDICATED	MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.256	0.245	0.249	0.253	0.257	0.261	0.265	0.268	0.272	0.276
16000	N1	%	62.9	75.5	76.2	76.9	77.7	78.4	79.2	80.1	80.9	81.8
	F FLOW	KG/H/ENG	513	736	735	734	733	732	732	732	733	733
	IAS	KT	250	320	320	320	320	320	320	320	320	320
	TAS	KT	267	366	371	377	382	388	393	399	405	411
	INDICATED	MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.261	0.249	0.253	0.257	0.261	0.265	0.269	0.273	0.276	0.280
15000	N1	%	62.3	75.1	75.8	76.5	77.2	78.0	78.8	79.6	80.5	81.3
	F FLOW	KG/H/ENG	504	726	724	723	722	721	721	720	720	721
	IAS	KT	250	320	320	320	320	320	320	320	320	320
	TAS	KT	267	366	371	376	382	387	393	399	404	410
	INDICATED	MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.265	0.252	0.256	0.260	0.264	0.269	0.272	0.277	0.281	0.285
14000	N1	%	61.7	74.7	75.4	76.1	76.8	77.5	78.3	79.1	80.0	80.8
	F FLOW	KG/H/ENG	495	715	713	712	710	709	709	708	708	708
	IAS	KT	250	320	320	320	320	320	320	320	320	320
	TAS	KT	267	365	370	375	381	386	392	398	404	410
	INDICATED	MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.269	0.255	0.260	0.264	0.268	0.273	0.277	0.281	0.285	0.289
13000	N1	%	61.2	74.4	75.0	75.7	76.4	77.1	77.9	78.7	79.5	80.3
	F FLOW	KG/H/ENG	487	705	703	701	699	698	697	697	696	696
	IAS	KT	250	320	320	320	320	320	320	320	320	320
	TAS	KT	266	364	369	375	380	386	391	397	403	409
	INDICATED	MACH	0.413	0.576	0.587	0.598	0.608	0.620	0.631	0.643	0.655	0.667
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.273	0.258	0.263	0.267	0.272	0.276	0.281	0.285	0.289	0.294

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

MAXIMUM SPEED CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

PRESSURE ALTITUDE: 19000 FT TO 28000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITIONS

**WEIGHT
(KG)**

ALTITUDE (FT)

			19000	20000	21000	22000	23000	24000	25000	26000	27000	28000
22000	N1	%	84.9	85.6	86.4	86.8	87.1	87.4	87.7	87.9	87.9	87.9
	F FLOW	KG/H/ENG	816	819	823	811	798	787	776	766	742	718
	IAS	KT	320	320	320	316	313	310	308	307	301	296
	TAS	KT	421	427	433	434	436	440	444	449	448	447
	INDICATED	MACH	0.680	0.692	0.706	0.710	0.717	0.726	0.735	0.747	0.748	0.750
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.49	2.36	2.26	2.16
	SR	NM/KG	0.258	0.261	0.263	0.268	0.273	0.280	0.286	0.293	0.302	0.311
21000	N1	%	84.6	85.3	86.0	86.7	87.1	87.3	87.6	87.9	87.9	87.9
	F FLOW	KG/H/ENG	804	807	810	813	800	788	777	767	743	719
	IAS	KT	320	320	320	319	316	313	310	309	303	298
	TAS	KT	421	427	433	438	441	443	447	452	451	450
	INDICATED	MACH	0.680	0.692	0.706	0.717	0.724	0.731	0.740	0.752	0.753	0.755
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.46	2.35	2.25
	SR	NM/KG	0.262	0.264	0.267	0.270	0.275	0.281	0.287	0.295	0.303	0.313
20000	N1	%	84.2	84.8	85.5	86.2	87.0	87.3	87.6	87.9	87.9	87.9
	F FLOW	KG/H/ENG	789	792	795	798	801	789	778	768	744	720
	IAS	KT	320	320	320	320	320	316	314	311	306	301
	TAS	KT	420	426	432	439	446	447	450	454	454	454
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.738	0.747	0.757	0.760	0.762
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.45	2.34
	SR	NM/KG	0.266	0.269	0.272	0.275	0.278	0.283	0.289	0.296	0.305	0.315
19000	N1	%	83.8	84.4	85.1	85.8	86.5	87.3	87.6	87.9	87.9	87.8
	F FLOW	KG/H/ENG	775	777	780	782	786	789	779	769	745	721
	IAS	KT	320	320	320	320	320	320	317	313	309	303
	TAS	KT	419	425	432	438	445	451	454	456	457	456
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.747	0.754	0.761	0.765	0.767
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.45
	SR	NM/KG	0.270	0.274	0.277	0.280	0.283	0.286	0.291	0.297	0.306	0.316
18000	N1	%	83.4	84.0	84.7	85.3	86.0	86.8	87.5	87.9	87.8	87.8
	F FLOW	KG/H/ENG	761	763	765	767	770	773	777	770	745	721
	IAS	KT	320	320	320	320	320	320	320	318	311	305
	TAS	KT	418	425	431	437	444	451	458	461	459	458
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.747	0.761	0.771	0.770	0.772
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.275	0.278	0.282	0.285	0.288	0.292	0.294	0.300	0.308	0.318

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

MAXIMUM SPEED CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

PRESSURE ALTITUDE: 19000 FT TO 28000 FT

CRUISE CONFIGURATION

BLEED: OPEN

ISA CONDITIONS

**WEIGHT
(KG)**

ALTITUDE (FT)

			19000	20000	21000	22000	23000	24000	25000	26000	27000	28000
17000	N1	%	83.0	83.6	84.2	84.9	85.5	86.3	87.1	87.7	87.8	87.8
	F FLOW	KG/H/ENG	747	749	751	753	755	758	761	764	746	722
	IAS	KT	320	320	320	320	320	320	320	320	315	307
	TAS	KT	418	424	430	437	443	450	457	464	464	461
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.747	0.761	0.776	0.780	0.777
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.280	0.283	0.287	0.290	0.294	0.297	0.300	0.303	0.311	0.319
16000	N1	%	82.5	83.2	83.8	84.5	85.1	85.8	86.5	87.2	87.4	87.3
	F FLOW	KG/H/ENG	734	736	737	739	741	743	746	749	730	705
	IAS	KT	320	320	320	320	320	320	320	320	315	309
	TAS	KT	417	423	430	436	443	449	456	463	464	462
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.747	0.761	0.776	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.284	0.288	0.292	0.295	0.299	0.302	0.306	0.309	0.318	0.327
15000	N1	%	82.1	82.8	83.4	84.1	84.7	85.3	86.1	86.8	86.9	86.9
	F FLOW	KG/H/ENG	722	722	724	725	727	729	731	733	715	690
	IAS	KT	320	320	320	320	320	320	320	320	315	309
	TAS	KT	417	423	429	435	442	449	455	462	463	461
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.747	0.761	0.776	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.288	0.293	0.296	0.300	0.304	0.308	0.312	0.315	0.324	0.334
14000	N1	%	81.6	82.3	83.1	83.6	84.2	84.9	85.5	86.3	86.4	86.4
	F FLOW	KG/H/ENG	709	709	710	711	713	714	716	718	700	674
	IAS	KT	320	320	320	320	320	320	320	320	315	309
	TAS	KT	416	422	428	435	441	448	455	462	462	460
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.747	0.761	0.776	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.293	0.298	0.302	0.306	0.309	0.314	0.317	0.321	0.330	0.341
13000	N1	%	81.1	81.9	82.6	83.2	83.8	84.4	85.1	85.8	85.9	85.8
	F FLOW	KG/H/ENG	696	696	697	698	699	700	701	703	685	659
	IAS	KT	320	320	320	320	320	320	320	320	315	309
	TAS	KT	415	421	427	434	440	447	454	461	461	459
	INDICATED	MACH	0.680	0.692	0.706	0.719	0.733	0.747	0.761	0.776	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	SR	NM/KG	0.298	0.303	0.307	0.311	0.315	0.319	0.324	0.328	0.337	0.349

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.

INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.

INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

MAXIMUM SPEED CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

PRESSURE ALTITUDE: 29000 FT TO 37000 FT

CRUISE CONFIGURATION
BLEED: OPEN
ISA CONDITION

WEIGHT (KG)		ALTITUDE (FT)									
		29000	30000	31000	32000	33000	34000	35000	36000	37000	
22000	N1 %	87.9	88.0	88.0	88.6	89.2	89.9	90.5	90.9	91.0	
	F FLOW KG/H/ENG	693	670	646	639	629	617	605	588	554	
	IAS KT	289	283	277	275	272	268	264	258	243	
	TAS KT	444	443	441	445	448	449	450	448	434	
	INDICATED MACH	0.749	0.751	0.750	0.760	0.768	0.774	0.780	0.780	0.755	
	BUFFET MARGIN G	2.06	1.97	1.88	1.78	1.68	1.59	1.50	1.43	1.41	
	SR NM/KG	0.320	0.331	0.341	0.348	0.356	0.364	0.372	0.381	0.391	
21000	N1 %	87.9	87.9	88.0	88.5	89.0	89.4	89.8	90.2	90.9	
	F FLOW KG/H/ENG	694	671	648	642	632	611	592	575	561	
	IAS KT	292	287	280	278	277	271	264	258	252	
	TAS KT	449	448	446	450	454	452	450	448	448	
	INDICATED MACH	0.757	0.759	0.758	0.769	0.780	0.780	0.780	0.780	0.780	
	BUFFET MARGIN G	2.14	2.04	1.95	1.84	1.72	1.64	1.57	1.49	1.42	
	SR NM/KG	0.323	0.334	0.344	0.350	0.360	0.370	0.380	0.390	0.399	
20000	N1 %	87.8	87.8	87.9	88.4	88.4	88.6	88.9	89.3	90.1	
	F FLOW KG/H/ENG	695	672	649	644	621	599	580	561	547	
	IAS KT	295	290	284	283	277	271	264	258	252	
	TAS KT	453	452	450	456	454	452	450	448	448	
	INDICATED MACH	0.764	0.767	0.766	0.780	0.780	0.780	0.780	0.780	0.780	
	BUFFET MARGIN G	2.23	2.13	2.03	1.90	1.81	1.73	1.65	1.57	1.50	
	SR NM/KG	0.326	0.336	0.347	0.354	0.366	0.377	0.388	0.399	0.409	
19000	N1 %	87.8	87.8	87.8	87.9	87.9	88.0	88.1	88.5	89.2	
	F FLOW KG/H/ENG	696	673	650	633	610	588	568	549	533	
	IAS KT	298	292	287	283	277	271	264	258	252	
	TAS KT	455	455	454	456	454	452	450	448	447	
	INDICATED MACH	0.769	0.772	0.775	0.780	0.780	0.780	0.780	0.780	0.780	
	BUFFET MARGIN G	2.33	2.22	2.11	2.00	1.91	1.82	1.74	1.65	1.58	
	SR NM/KG	0.327	0.338	0.350	0.360	0.372	0.384	0.396	0.408	0.420	
18000	N1 %	87.8	87.7	87.6	87.5	87.5	87.5	87.5	87.6	88.3	
	F FLOW KG/H/ENG	697	674	648	623	599	577	556	537	521	
	IAS KT	300	294	289	283	277	271	264	258	252	
	TAS KT	458	458	457	455	453	451	449	447	447	
	INDICATED MACH	0.775	0.777	0.780	0.780	0.780	0.780	0.780	0.780	0.780	
	BUFFET MARGIN G	2.45	2.33	2.21	2.11	2.02	1.92	1.83	1.75	1.67	
	SR NM/KG	0.328	0.339	0.353	0.365	0.378	0.391	0.404	0.416	0.429	

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.

MAXIMUM SPEED CRUISE - ALL ENGINES OPERATING

AE3007A1 ENGINES

PRESSURE ALTITUDE: 29000 FT TO 37000 FT

CRUISE CONFIGURATION
BLEED: OPEN

WEIGHT (KG)

ALTITUDE (FT)

			29000	30000	31000	32000	33000	34000	35000	36000	37000
17000	N1	%	87.6	87.4	87.3	87.2	87.0	87.0	87.0	87.0	87.5
	F FLOW	KG/H/ENG	694	665	639	613	589	566	545	525	508
	IAS	KT	302	296	289	283	277	271	264	258	252
	TAS	KT	460	458	457	455	453	451	449	447	446
	INDICATED	MACH	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
	BUFFET MARGIN	G	2.56	2.46	2.35	2.24	2.14	2.04	1.95	1.86	1.77
	SR	NM/KG	0.332	0.345	0.357	0.371	0.384	0.398	0.412	0.425	0.439
16000	N1	%	87.3	87.2	87.0	86.8	86.7	86.6	86.5	86.5	86.8
	F FLOW	KG/H/ENG	681	657	630	604	580	556	535	514	497
	IAS	KT	302	296	289	283	277	271	264	258	252
	TAS	KT	460	458	456	454	452	450	448	446	446
	INDICATED	MACH	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.50	2.39	2.28	2.17	2.07	1.97	1.88
	SR	NM/KG	0.338	0.348	0.362	0.376	0.390	0.405	0.419	0.434	0.449
15000	N1	%	86.8	86.7	86.7	86.5	86.3	86.2	86.1	86.0	86.3
	F FLOW	KG/H/ENG	665	642	621	595	571	547	525	504	487
	IAS	KT	302	296	289	283	277	271	264	258	252
	TAS	KT	459	457	455	453	451	449	447	445	445
	INDICATED	MACH	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.56	2.55	2.43	2.32	2.21	2.11	2.01
	SR	NM/KG	0.345	0.356	0.367	0.381	0.395	0.411	0.426	0.442	0.457
14000	N1	%	86.3	86.2	86.2	86.1	86.0	85.8	85.7	85.5	85.8
	F FLOW	KG/H/ENG	650	627	605	584	562	538	516	495	477
	IAS	KT	302	296	289	283	277	271	264	258	252
	TAS	KT	458	456	455	453	451	449	447	445	445
	INDICATED	MACH	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.49	2.38	2.27	2.16
	SR	NM/KG	0.353	0.364	0.376	0.388	0.401	0.417	0.433	0.449	0.466
13000	N1	%	85.8	85.7	85.6	85.6	85.5	85.5	85.3	85.1	85.3
	F FLOW	KG/H/ENG	635	612	590	568	548	530	507	486	468
	IAS	KT	302	296	289	283	277	271	264	258	252
	TAS	KT	458	456	454	452	450	448	446	444	444
	INDICATED	MACH	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780	0.780
	BUFFET MARGIN	G	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.44	2.33
	SR	NM/KG	0.360	0.372	0.385	0.398	0.411	0.423	0.440	0.457	0.475

INCREASE/DECREASE N1% BY 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE FUEL FLOW 1% PER 5°C ABOVE/BELOW ISA CONDITIONS.
INCREASE/DECREASE TAS BY 5 KT PER 5°C ABOVE/BELOW ISA CONDITIONS.