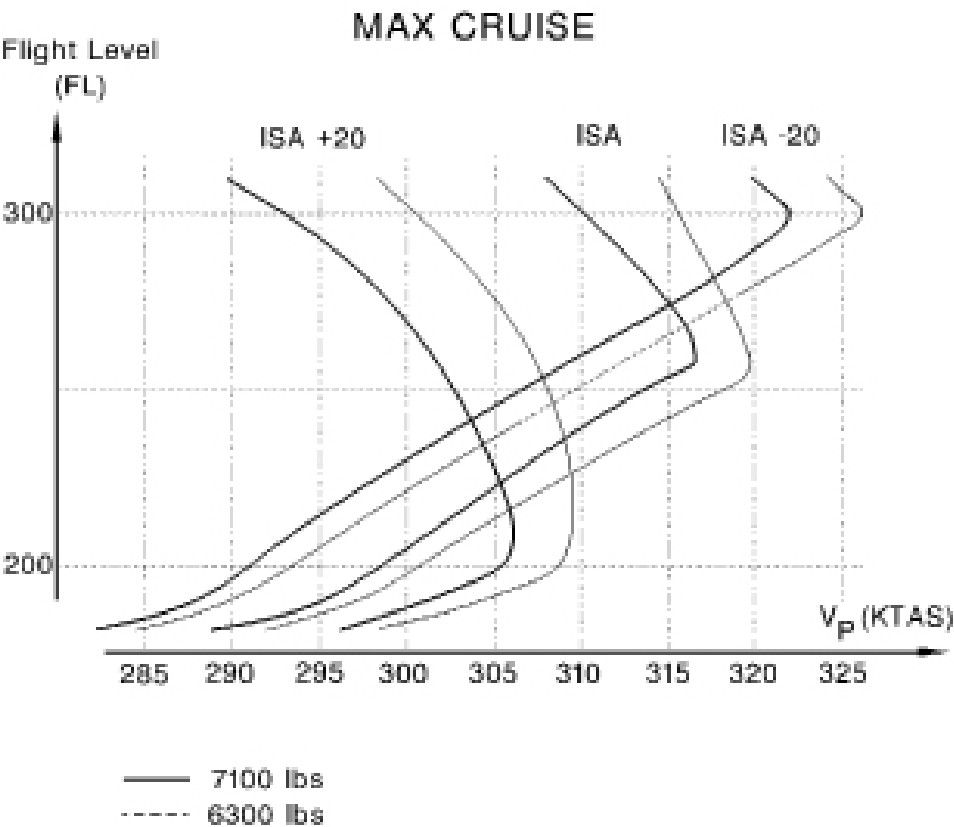


Performance Tables





CRUISE PERFORMANCE





CRUISE PERFORMANCE

Maximum cruise

Conditions : ISA - 20°C

Landing gear and flaps UP

2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	- 0 4	121	329	258	86.9	246	241	245	240	244	238
5000	- 1 4	121	303	238	80.0	241	253	240	252	239	250
10000	- 2 4	121	282	221	74.5	236	265	234	264	233	262
15000	- 3 4	121	270	212	71.4	230	280	229	278	227	276
18000	- 4 0	121	262	205	69.1	227	289	226	287	224	285
20000	- 4 4	121	256	201	67.7	225	295	224	293	222	291
21000	- 4 6	121	254	200	67.2	224	298	222	296	221	294
22000	- 4 8	121	252	198	66.7	223	302	221	299	219	297
23000	- 5 0	121	251	197	66.2	222	305	220	303	218	300
24000	- 5 2	121	249	196	65.9	221	308	219	306	217	303
25000	- 5 4	121	248	195	65.6	220	312	218	309	216	307
26000	- 5 6	121	247	194	65.3	219	315	217	313	215	310
27000	- 5 8	121	247	194	65.2	218	319	216	316	213	313
28000	- 6 0	121	247	194	65.2	216	322	214	321	212	318
29000	- 6 2	115	247	194	65.3	215	326	213	323	211	320
30000	- 6 4	111	247	194	65.3	214	329	211	326	209	322
31000	- 6 6	107	238	187	62.9	209	328	207	324	204	320

CRUISE PERFORMANCE

Maximum cruise / ISA - 20°C

(*) Propeller RPM utilization between 1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Maximum cruise

Conditions : ISA - 10°C

Landing gear and flaps UP

2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+06	121	332	261	87.8	245	244	244	242	242	241
5000	- 0 4	121	306	240	80.8	240	256	238	255	237	253
10000	- 1 4	121	285	223	75.2	234	269	232	267	231	265
15000	- 2 4	121	273	214	72.1	229	283	227	281	225	279
18000	- 3 0	121	264	207	69.8	225	292	224	290	222	288
20000	- 3 4	121	259	203	68.4	223	299	221	297	219	294
21000	- 3 6	121	257	201	67.8	222	302	220	300	218	297
22000	- 3 8	121	255	200	67.3	221	305	219	303	217	300
23000	- 4 0	121	253	198	66.8	220	309	218	306	216	304
24000	- 4 2	121	252	198	66.5	219	312	217	310	215	307
25000	- 4 4	121	251	197	66.2	217	316	216	313	213	310
26000	- 4 6	121	249	196	65.9	216	319	214	316	212	313
27000	- 4 8	119	249	196	65.8	215	322	213	321	211	318
28000	- 5 0	116	249	195	65.7	214	326	212	323	209	320
29000	- 5 2	110	241	189	63.6	210	325	207	322	204	318
30000	- 5 4	106	232	182	61.2	205	324	203	321	200	317
31000	- 5 6	103	223	175	58.9	201	323	198	319	196	315

CRUISE PERFORMANCE

Maximum cruise / ISA - 10°C

(*) Propeller RPM utilization between 1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Maximum cruise

Conditions : ISA - 5°C
 Landing gear and flaps UP
 2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+11	121	334	262	88.3	244	245	243	244	242	243
5000	+01	121	307	241	81.2	239	257	238	256	236	255
10000	- 0 9	121	286	225	75.6	233	270	232	269	230	267
15000	- 1 9	121	274	215	72.5	228	285	226	283	224	281
18000	- 2 5	121	265	208	70.1	224	294	223	292	221	290
20000	- 2 9	121	260	204	68.7	222	301	220	298	218	296
21000	- 3 1	121	258	203	68.2	221	304	219	302	217	299
22000	- 3 3	121	256	201	67.6	220	307	218	305	216	302
23000	- 3 5	121	254	200	67.2	219	311	217	308	215	305
24000	- 3 7	121	253	198	66.8	217	314	216	312	213	309
25000	- 3 9	121	252	198	66.5	216	317	214	315	212	312
26000	- 4 1	121	251	197	66.3	215	321	213	319	211	316
27000	- 4 3	117	250	196	66.1	214	324	212	322	209	319
28000	- 4 5	113	243	191	64.2	210	324	208	322	205	318
29000	- 4 7	108	234	184	61.9	206	323	203	321	200	317
30000	- 4 9	104	226	177	59.7	202	323	199	319	197	314
31000	- 5 1	101	218	171	57.6	198	322	196	319	192	313

CRUISE PERFORMANCE

Maximum cruise / ISA - 5°C
 (*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Maximum cruise

Conditions : ISA
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+16	121	336	264	88.8	243	246	242	245	241	244
5000	+06	121	309	242	81.6	238	259	237	257	235	256
10000	- 0 4	121	288	226	76.0	232	272	231	270	229	269
15000	- 1 4	121	276	216	72.8	227	287	225	285	223	283
18000	- 2 0	121	267	209	70.5	223	296	222	294	220	291
20000	- 2 4	121	261	205	69.0	221	302	219	300	217	298
21000	- 2 6	121	259	203	68.4	220	306	218	303	216	301
22000	- 2 8	121	257	202	68.0	219	309	217	307	215	304
23000	- 3 0	121	256	201	67.5	218	312	216	310	214	307
24000	- 3 2	121	254	199	67.1	216	316	215	313	212	310
25000	- 3 4	121	253	198	66.8	215	319	213	318	211	314
26000	- 3 6	118	252	198	66.6	214	323	212	320	210	317
27000	- 3 8	114	245	192	64.6	210	323	208	319	205	315
28000	- 4 0	110	236	185	62.4	206	322	204	319	201	315
29000	- 4 2	105	228	179	60.1	202	321	199	317	197	313
30000	- 4 4	101	220	172	58.0	198	320	196	316	193	311
31000	- 4 6	98	211	166	55.8	194	319	192	315	188	309

CRUISE PERFORMANCE

Maximum cruise / ISA
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Maximum cruise
Conditions : ISA + 5°C
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+21	121	338	265	89.3	243	248	241	247	240	245
5000	+11	121	310	244	82.0	237	260	236	259	234	257
10000	+01	121	289	227	76.4	231	273	230	272	228	270
15000	- 0 9	121	277	218	73.2	226	288	224	286	222	284
18000	- 1 5	121	268	210	70.8	222	297	221	295	219	293
20000	- 1 9	121	263	206	69.4	220	304	218	302	216	299
21000	- 2 1	121	260	204	68.8	219	307	217	305	215	302
22000	- 2 3	121	259	203	68.3	218	311	216	308	214	305
23000	- 2 5	121	257	201	67.8	216	314	215	312	213	309
24000	- 2 7	121	255	200	67.4	215	317	213	316	211	313
25000	- 2 9	119	254	199	67.1	214	321	212	319	210	316
26000	- 3 1	115	247	194	65.2	210	321	208	319	206	315
27000	- 3 3	111	238	187	62.9	206	320	204	318	201	314
28000	- 3 5	107	229	180	60.6	202	320	200	317	197	312
29000	- 3 7	102	221	174	58.5	198	319	196	315	193	310
30000	- 3 9	98	213	167	56.3	195	318	192	314	188	309
31000	- 4 1	94	205	161	54.2	190	316	187	313	183	306

CRUISE PERFORMANCE

Maximum cruise / ISA + 5°C
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Maximum cruise

Conditions : ISA + 10°C
 Landing gear and flaps UP
 2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+26	121	340	267	89.8	242	249	241	248	239	247
5000	+16	121	312	245	82.5	236	261	235	260	233	259
10000	+06	121	291	228	76.8	230	275	229	273	227	272
15000	- 0 4	121	279	219	73.6	225	290	223	288	221	286
18000	- 1 0	121	269	211	71.1	221	299	220	297	218	295
20000	- 1 4	121	264	207	69.7	219	306	217	304	215	301
21000	- 1 6	121	262	205	69.1	218	309	216	307	214	304
22000	- 1 8	121	260	204	68.6	217	312	215	310	213	307
23000	- 2 0	121	258	202	68.1	215	316	214	313	212	310
24000	- 2 2	120	256	201	67.7	214	319	212	317	210	314
25000	- 2 4	116	249	196	65.9	211	320	208	317	206	314
26000	- 2 6	112	240	189	63.5	207	319	204	316	201	312
27000	- 2 8	108	232	182	61.2	202	318	200	315	197	311
28000	- 3 0	103	223	175	59.0	198	317	197	313	193	308
29000	- 3 2	99	215	169	56.8	195	316	192	312	189	306
30000	- 3 4	95	207	163	54.7	191	315	188	311	184	305
31000	- 3 6	91	199	157	52.7	187	314	183	308	179	302

CRUISE PERFORMANCE

Maximum cruise / ISA + 10°C
 (*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Maximum cruise

Conditions : ISA + 20°C
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

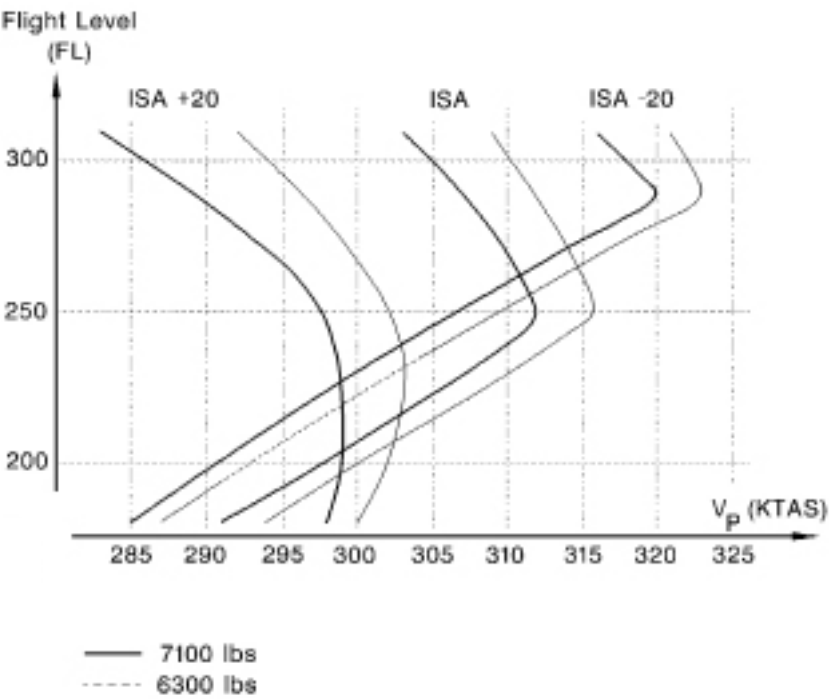
Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+36	121	344	270	90.8	240	252	239	251	238	249
5000	+26	121	316	248	83.4	234	264	233	263	232	261
10000	+16	121	294	231	77.6	229	278	227	276	226	274
15000	+06	121	281	221	74.3	223	293	221	291	220	289
18000	+00	121	272	213	71.8	220	302	218	300	216	298
20000	- 0 4	121	266	209	70.4	217	309	215	307	213	304
21000	- 0 6	120	264	207	69.8	216	312	214	310	212	307
22000	- 0 8	117	257	202	67.9	213	313	211	310	208	307
23000	- 1 0	114	249	195	65.7	209	313	207	310	204	306
24000	- 1 2	110	241	189	63.6	205	313	203	310	200	305
25000	- 1 4	106	233	183	61.5	202	312	199	309	197	304
26000	- 1 6	102	224	176	59.3	198	312	196	308	193	303
27000	- 1 8	99	217	170	57.3	195	311	192	307	188	302
28000	- 2 0	95	209	164	55.3	191	310	188	306	184	300
29000	- 2 2	91	202	158	53.3	187	309	183	304	179	298
30000	- 2 4	87	195	153	51.4	182	308	179	302	174	295
31000	- 2 6	84	187	147	49.5	178	307	174	300	169	292

CRUISE PERFORMANCE

Maximum cruise / ISA + 20°C
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



NORMAL CRUISE (recommended)



CRUISE PERFORMANCE (Recommended cruise)

CRUISE PERFORMANCE

Normal (recommended) cruise

Conditions : ISA - 20°C
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	- 0 4	121	329	258	86.9	246	241	245	240	244	238
5000	- 1 4	121	303	238	80.0	241	253	240	252	239	250
10000	- 2 4	121	282	221	74.5	236	265	234	264	233	262
15000	- 3 4	121	270	212	71.4	230	280	229	278	227	276
18000	- 4 0	121	262	205	69.1	227	289	226	287	224	285
20000	- 4 4	121	256	201	67.7	225	295	224	293	222	291
21000	- 4 6	121	254	200	67.2	224	298	222	296	221	294
22000	- 4 8	121	252	198	66.7	223	302	221	299	219	297
23000	- 5 0	121	251	197	66.2	222	305	220	303	218	300
24000	- 5 2	121	249	196	65.9	221	308	219	306	217	303
25000	- 5 4	121	248	195	65.6	220	312	218	309	216	307
26000	- 5 6	121	247	194	65.3	219	315	217	313	215	310
27000	- 5 8	120	247	194	65.2	218	319	216	316	213	313
28000	- 6 0	115	247	194	65.2	216	322	214	320	212	317
29000	- 6 2	111	247	194	65.2	215	326	213	323	211	320
30000	- 6 4	107	240	188	63.3	211	326	209	322	206	318
31000	- 6 6	103	231	181	60.9	207	324	204	321	201	316

CRUISE PERFORMANCE

Normal cruise / ISA - 20°C
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Normal (recommended) cruise

Conditions : ISA - 10°C
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+06	121	332	261	87.8	245	244	244	242	242	241
5000	- 0 4	121	306	240	80.0	240	256	238	255	237	253
10000	- 1 4	121	285	223	75.2	234	269	232	267	231	265
15000	- 2 4	121	273	214	72.1	229	283	227	281	225	279
18000	- 3 0	121	264	207	69.8	225	292	224	290	222	288
20000	- 3 4	121	259	203	68.4	223	299	221	297	219	294
21000	- 3 6	121	257	201	67.8	222	302	220	300	218	297
22000	- 3 8	121	255	200	67.3	221	305	219	303	217	300
23000	- 4 0	121	253	198	66.8	220	309	218	306	216	304
24000	- 4 2	121	252	198	66.5	219	312	217	310	215	307
25000	- 4 4	121	251	197	66.2	217	316	216	313	213	310
26000	- 4 6	117	249	196	65.9	216	319	214	316	212	313
27000	- 4 8	113	248	195	65.5	215	322	212	319	210	315
28000	- 5 0	110	240	188	63.3	210	321	208	318	206	314
29000	- 5 2	106	231	182	61.1	206	321	204	317	201	313
30000	- 5 4	102	223	175	58.9	202	320	200	316	197	312
31000	- 5 6	98	215	169	56.8	198	319	196	315	193	310

CRUISE PERFORMANCE

Normal cruise / ISA - 10°C
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Normal (recommended) cruise

Conditions : ISA - 5°C
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+11	121	334	262	88.3	244	245	243	244	242	243
5000	+01	121	307	241	81.2	239	257	238	256	236	255
10000	- 0 9	121	286	225	75.6	233	270	232	269	230	267
15000	- 1 9	121	274	215	72.5	228	285	226	283	224	281
18000	- 2 5	121	265	208	70.1	224	294	223	292	221	290
20000	- 2 9	121	260	204	68.7	222	301	220	298	218	296
21000	- 3 1	121	258	203	68.2	221	304	219	302	217	299
22000	- 3 3	121	256	201	67.6	220	307	218	305	216	302
23000	- 3 5	121	254	200	67.2	219	311	217	308	215	305
24000	- 3 7	121	253	198	66.8	217	314	216	312	213	309
25000	- 3 9	118	252	198	66.5	216	317	214	316	212	313
26000	- 4 1	115	250	196	66.0	215	320	212	318	210	315
27000	- 4 3	111	241	189	63.7	210	320	208	317	206	314
28000	- 4 5	108	232	182	61.4	206	319	204	317	201	312
29000	- 4 7	103	224	176	59.3	202	318	200	315	197	310
30000	- 4 9	99	217	170	57.2	198	317	196	313	193	308
31000	- 5 1	96	209	164	55.1	195	316	192	312	188	306

CRUISE PERFORMANCE

Normal cruise / ISA - 5°C

(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Normal (recommended) cruise

Conditions : ISA
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+16	121	336	264	88.8	243	246	242	245	241	244
5000	+06	121	309	242	81.6	238	259	237	257	235	256
10000	- 0 4	121	288	226	76.0	232	272	231	270	229	269
15000	- 1 4	121	276	216	72.8	227	287	225	285	223	283
18000	- 2 0	121	267	209	70.5	223	296	222	294	220	291
20000	- 2 4	121	261	205	69.0	221	302	219	300	217	298
21000	- 2 6	121	259	203	68.4	220	306	218	303	216	301
22000	- 2 8	121	257	202	68.0	219	309	217	307	215	304
23000	- 3 0	121	256	201	67.5	218	312	216	310	214	307
24000	- 3 2	121	254	199	67.1	216	316	215	313	212	310
25000	- 3 4	115	252	198	66.5	215	319	213	316	210	312
26000	- 3 6	112	243	191	64.2	211	318	208	315	206	311
27000	- 3 8	108	234	184	61.9	206	317	204	314	201	310
28000	- 4 0	104	226	177	59.7	202	317	200	313	197	308
29000	- 4 2	100	218	171	57.6	198	316	197	312	193	307
30000	- 4 4	96	210	165	55.5	195	315	192	310	189	305
31000	- 4 6	93	202	159	53.4	191	314	188	309	184	303

CRUISE PERFORMANCE

Normal cruise / ISA
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Normal (recommended) cruise

Conditions : ISA + 5°C
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+21	121	338	265	89.3	243	248	241	247	240	245
5000	+11	121	310	244	82.0	237	260	236	259	234	257
10000	+01	121	289	227	76.4	231	273	230	272	228	270
15000	- 0 9	121	277	218	73.2	226	288	224	286	222	284
18000	- 1 5	121	268	210	70.8	222	297	221	295	219	293
20000	- 1 9	121	263	206	69.4	220	304	218	302	216	299
21000	- 2 1	121	260	204	68.8	219	307	217	305	215	302
22000	- 2 3	121	259	203	68.3	218	311	216	308	214	305
23000	- 2 5	121	257	201	67.8	216	314	215	312	213	309
24000	- 2 7	117	253	199	66.9	215	317	213	315	210	311
25000	- 2 9	113	245	193	64.8	211	316	209	314	206	311
26000	- 3 1	109	236	185	62.4	207	316	204	313	202	309
27000	- 3 3	105	228	179	60.2	202	315	200	312	197	308
28000	- 3 5	101	220	173	58.1	198	314	197	311	193	306
29000	- 3 7	97	212	166	55.9	195	313	192	309	189	303
30000	- 3 9	94	204	160	53.9	191	312	188	307	184	301
31000	- 4 1	90	196	154	51.9	187	311	183	305	179	299

CRUISE PERFORMANCE

Normal cruise / ISA + 5°C
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.

CRUISE PERFORMANCE

Normal (recommended) cruise

Conditions : ISA + 10°C
Landing gear and flaps UP
2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+26	121	340	267	89.8	242	249	241	248	239	247
5000	+16	121	312	245	82.5	236	261	235	260	233	259
10000	+06	121	291	228	76.8	230	275	229	273	227	272
15000	- 0 4	121	279	219	73.6	225	290	223	288	221	286
18000	- 1 0	121	269	211	71.1	221	299	220	297	218	295
20000	- 1 4	121	264	207	69.7	219	306	217	304	215	301
21000	- 1 6	121	262	205	69.1	218	309	216	307	214	304
22000	- 1 8	121	260	204	68.6	217	312	215	310	213	307
23000	- 2 0	117	254	200	67.2	214	314	212	311	210	308
24000	- 2 2	114	246	193	65.1	211	314	208	311	206	307
25000	- 2 4	110	239	188	63.1	207	314	205	311	202	307
26000	- 2 6	106	230	181	60.8	203	313	200	310	197	305
27000	- 2 8	102	222	174	58.7	199	312	197	309	194	304
28000	- 3 0	98	214	168	56.5	195	311	193	307	189	302
29000	- 3 2	94	206	161	54.3	191	310	188	306	184	300
30000	- 3 4	90	198	156	52.4	187	309	184	304	180	297
31000	- 3 6	86	191	150	50.4	183	308	179	301	174	294

CRUISE PERFORMANCE

Normal cruise / ISA + 10°C
(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Normal (recommended) cruise

Conditions : ISA + 20°C

Landing gear and flaps UP

2000 RPM (*) - BLEED AUTO and "BLEED HI" MSG OFF

Pressure altitude (feet)	OAT (°C) (C)	TRQ (%)	Fuel flow			AIRSPEEDS (kt)					
						5500 lbs (2495 kg)		6300 lbs (2858 kg)		7100 lbs (3220 kg)	
			l/h	kg / h	usgal / h	IAS	TAS	IAS	TAS	IAS	TAS
0	+36	121	344	270	90.8	240	252	239	251	238	249
5000	+26	121	316	248	83.4	234	264	233	263	232	261
10000	+16	121	294	231	77.6	229	278	227	276	226	274
15000	+06	121	281	221	74.3	223	293	221	291	220	289
18000	+00	121	272	213	71.8	220	302	218	300	216	298
20000	- 0 4	117	259	203	68.4	214	305	212	302	210	299
21000	- 0 6	114	251	197	66.4	211	305	209	302	207	299
22000	- 0 8	111	244	191	64.4	207	306	205	303	203	299
23000	- 1 0	108	237	186	62.5	204	306	202	303	199	299
24000	- 1 2	104	229	180	60.5	201	306	198	302	196	298
25000	- 1 4	101	222	174	58.6	197	306	195	302	192	297
26000	- 1 6	97	214	168	56.5	194	305	191	301	188	296
27000	- 1 8	93	207	162	54.6	190	304	187	299	183	294
28000	- 2 0	89	199	156	52.6	186	303	183	298	178	291
29000	- 2 2	86	192	150	50.6	182	302	178	296	174	289
30000	- 2 4	82	185	145	48.8	178	301	174	294	169	286
31000	- 2 6	79	178	140	47.0	174	299	169	292	164	283

CRUISE PERFORMANCE

Normal cruise / ISA + 20°C

(*) Propeller RPM utilization between 1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Long Range Cruise (5500 lbs - 2495 kg)

Conditions : Landing gear and flaps UP

2000 RPM (*)

BLEED AUTO or HI

LEGEND : OAT : °C IAS : KIAS
FF : us gal/h
FF : kg/hTAS: KTAS

Pressure altitude (feet)	TRQ (%)	ISA - 2 0°C	ISA - 1 0°C	ISA	ISA+10°C	ISA+20°C
15000	45	- 3 4 156 42.2 125 190	- 2 4 154 42.6 127 192	- 1 4 152 43.2 128 194	- 4 150 43.7 130 195	+6 148 44.2 131 196
18000	45	- 4 0 152 39.7 118 194	- 3 0 150 40.2 120 196	- 2 0 148 40.8 121 197	- 1 0 146 41.2 122 199	+0 145 41.7 124 202
19000	45	- 4 2 150 39.0 116 195	- 3 2 148 39.4 117 197	- 2 2 147 39.9 119 199	- 1 2 145 40.4 120 201	- 2 144 40.9 121 203
20000	45	- 4 4 149 38.2 113 197	- 3 4 147 38.7 115 199	- 2 4 146 39.1 116 201	- 1 4 144 39.6 118 203	- 4 143 40.1 119 205
21000	45	- 4 6 148 37.4 111 198	- 3 6 146 37.9 112 201	- 2 6 145 38.4 114 203	- 1 6 143 38.8 115 205	- 6 142 39.3 117 207
22000	45	- 4 8 147 36.7 109 200	- 3 8 145 37.1 110 202	- 2 8 144 37.5 112 205	- 1 8 142 38.1 113 207	- 8 140 38.6 115 208
23000	45	- 5 0 146 35.9 107 202	- 4 0 144 36.4 108 205	- 3 0 142 36.8 109 206	- 2 0 141 37.3 111 208	- 1 0 139 37.8 112 210
24000	45	- 5 2 145 35.3 105 204	- 4 2 143 35.7 106 206	- 3 2 141 36.1 107 208	- 2 2 139 36.6 109 210	- 1 2 138 37.0 110 212

CRUISE PERFORMANCE

Long Range Cruise (5500 lbs - 2495 kg) (Altitude±24000 ft)

(*) Propeller RPM utilization between 1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Long Range Cruise (5500 lbs - 2495 kg) (Cont'd)

Conditions : Landing gear and flaps UP

2000 RPM (*)

BLEED AUTO or HI

LEGEND : OAT : °C IAS : KIAS
FF : us gal/h
FF : kg/hTAS : KTAS

Pressure altitude (feet)	TRQ (%)	ISA - 2 0°C	ISA - 1 0°C	ISA	ISA+10°C	ISA+20°C
24000	45	- 5 2 145 35.3 105 204	- 4 2 143 35.7 106 206	- 3 2 141 36.1 107 208	- 2 2 139 36.6 109 210	- 1 2 138 37.0 110 212
25000	49	- 5 4 150 35.9 107 215	- 4 4 148 36.4 108 217	- 3 4 146 36.9 110 219	- 2 4 145 37.4 111 222	- 1 4 143 37.9 113 224
26000	52	- 5 6 153 36.6 109 223	- 4 6 151 37.1 110 226	- 3 6 150 37.6 112 229	- 2 6 148 38.0 113 231	- 1 6 147 38.5 114 233
27000	54	- 5 8 155 36.8 109 230	- 4 8 153 37.3 111 232	- 3 8 152 37.8 112 235	- 2 8 150 38.2 114 237	- 1 8 148 38.8 115 240
28000	55.5	- 6 0 156 36.9 110 235	- 5 0 154 37.4 111 238	- 4 0 153 37.9 113 241	- 3 0 151 38.3 114 243	- 2 0 149 38.8 115 245
29000	56	- 6 2 156 36.6 109 238	- 5 2 154 37.1 110 241	- 4 2 152 37.5 111 244	- 3 2 150 38.0 113 246	- 2 2 148 38.5 114 248
30000	56.5	- 6 4 155 36.4 108 242	- 5 4 154 36.9 110 245	- 4 4 152 37.3 111 247	- 3 4 150 37.8 112 250	- 2 4 148 38.3 114 252
31000	57	- 6 6 155 36.1 107 246	- 5 6 153 36.6 109 248	- 4 6 151 37.0 110 250	- 3 6 149 37.5 111 253	- 2 6 147 38.0 113 255

CRUISE PERFORMANCE

Long Range Cruise (5500 lbs - 2495 kg) (Altitude*24000 ft)

(*) Propeller RPM utilization between 1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Long Range Cruise (6300 lbs - 2858 kg)

Conditions : Landing gear and flaps UP

2000 RPM (*)

BLEED AUTO or HI

LEGEND : OAT : °C IAS : KIAS
FF : us gal/h
FF : kg/hTAS: KTAS

Pressure altitude (feet)	TRQ (%)	ISA - 2 0°C	ISA - 1 0°C	ISA	ISA+10°C	ISA+20°C
15000	50	- 3 4 159 44.4 132 193	- 2 4 156 44.9 134 194	- 1 4 154 45.4 135 196	- 4 153 46.0 137 198	+6 151 46.5 138 200
18000	50	- 4 0 154 41.8 124 197	- 3 0 153 42.3 126 199	- 2 0 151 42.8 127 201	- 1 0 149 43.4 129 203	+0 148 43.9 130 205
19000	50	- 4 2 153 41.0 122 199	- 3 2 151 41.5 123 201	- 2 2 150 42.0 125 203	- 1 2 148 42.5 126 205	- 2 146 43.1 128 206
20000	50	- 4 4 152 40.2 120 201	- 3 4 150 40.8 121 203	- 2 4 149 41.2 122 205	- 1 4 147 41.7 124 206	- 4 145 42.2 125 208
21000	50	- 4 6 151 39.4 117 202	- 3 6 149 39.9 119 204	- 2 6 147 40.5 120 206	- 1 6 145 40.9 121 208	- 6 143 41.4 123 209
22000	50	- 4 8 149 38.7 115 204	- 3 8 148 39.1 116 206	- 2 8 146 39.6 118 208	- 1 8 144 40.1 119 209	- 8 142 40.6 121 210
23000	50	- 5 0 148 38.0 113 206	- 4 0 146 38.4 114 207	- 3 0 144 38.9 116 209	- 2 0 142 39.3 117 210	- 1 0 140 39.8 118 212
24000	50	- 5 2 147 37.3 111 207	- 4 2 145 37.8 112 209	- 3 2 143 38.2 113 210	- 2 2 141 38.6 115 212	- 1 2 139 39.1 116 214

CRUISE PERFORMANCE

Long Range Cruise (6300 lbs - 2858 kg) (Altitude±24000 ft)

(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Long Range Cruise (6300 lbs - 2858 kg) (Cont'd)

Conditions : Landing gear and flaps UP

2000 RPM (*)

BLEED AUTO or HI

LEGEND : OAT : °C IAS : KIAS
FF : us gal/h
FF : kg/hTAS: KTAS

Pressure altitude (feet)	TRQ (%)	ISA - 2 0°C	ISA - 1 0°C	ISA	ISA+10°C	ISA+20°C
24000	50	- 5 2 147 37.3 111 207	- 4 2 145 37.8 112 209	- 3 2 143 38.2 113 210	- 2 2 141 38.6 115 212	- 1 2 139 39.1 116 214
25000	53	- 5 4 151 37.6 112 216	- 4 4 149 38.0 113 218	- 3 4 147 38.5 114 220	- 2 4 145 39.0 116 221	- 1 4 143 39.5 117 223
26000	56	- 5 6 154 38.2 114 224	- 4 6 152 38.6 115 227	- 3 6 150 39.2 116 229	- 2 6 148 39.7 118 231	- 1 6 146 40.2 119 232
27000	58.5	- 5 8 157 38.7 115 232	- 4 8 155 39.1 116 234	- 3 8 153 39.6 118 236	- 2 8 151 40.1 119 238	- 1 8 148 40.6 121 240
28000	60.5	- 6 0 158 39.0 116 238	- 5 0 156 39.5 117 241	- 4 0 154 40.0 119 243	- 3 0 152 40.5 120 244	- 2 0 150 41.0 122 246
29000	61	- 6 2 157 38.7 115 241	- 5 2 155 39.1 116 243	- 4 2 153 39.7 118 245	- 3 2 151 40.1 119 247	- 2 2 149 40.7 121 249
30000	61.5	- 6 4 157 38.5 114 244	- 5 4 155 39.0 116 247	- 4 4 153 39.4 117 249	- 3 4 150 39.9 119 251	- 2 4 148 40.4 120 253
31000	62	- 6 6 156 38.2 114 247	- 5 6 154 38.7 115 250	- 4 6 152 39.2 116 252	- 3 6 150 39.7 118 254	- 2 6 147 40.2 119 256

CRUISE PERFORMANCE

Long Range Cruise (6300 lbs - 2858 kg) (Altitude²24000 ft)

(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Long Range Cruise (7100 lbs - 3220 kg)

Conditions : Landing gear and flaps UP

2000 RPM (*)

BLEED AUTO or HI

LEGEND : OAT : °C IAS : KIAS
FF : us gal/h
FF : kg/hTAS: KTAS

Pressure altitude (feet)	TRQ (%)	ISA - 2 0°C	ISA - 1 0°C	ISA	ISA+10°C	ISA+20°C
15000	55	- 3 4 46.6 138 196	- 2 4 47.1 140 198	- 1 4 47.6 142 199	- 4 48.3 143 201	+6 48.8 145 202
18000	55	- 4 0 43.9 130 201	- 3 0 44.4 132 202	- 2 0 44.9 134 204	- 1 0 45.6 135 205	+0 46.1 137 207
19000	55	- 4 2 43.1 128 202	- 3 2 43.6 129 204	- 2 2 44.1 131 205	- 1 2 44.6 133 207	- 2 45.1 134 208
20000	55	- 4 4 42.2 125 203	- 3 4 42.7 127 205	- 2 4 43.3 129 206	- 1 4 43.8 130 208	- 4 44.3 132 209
21000	55	- 4 6 41.5 123 205	- 3 6 41.9 125 206	- 2 6 42.4 126 208	- 1 6 43.0 128 209	- 6 43.5 129 210
22000	55	- 4 8 40.8 121 206	- 3 8 41.2 122 208	- 2 8 41.7 124 209	- 1 8 42.1 125 211	- 8 42.6 127 212
23000	55	- 5 0 40.0 119 208	- 4 0 40.6 121 209	- 3 0 41.0 122 211	- 2 0 41.5 123 212	- 1 0 41.9 125 212
24000	55	- 5 2 39.4 117 209	- 4 2 39.8 118 211	- 3 2 40.4 120 212	- 2 2 40.8 121 213	- 1 2 41.3 123 214

CRUISE PERFORMANCE

Long Range Cruise (7100 lbs - 3220 kg) (Altitude±24000 ft)

(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.



CRUISE PERFORMANCE

Long Range Cruise (7100 lbs - 3220 kg) (Cont'd)

Conditions : Landing gear and flaps UP

2000 RPM (*)

BLEED AUTO or HI

LEGEND : OAT : °C IAS : KIAS
FF : us gal/h
FF : kg/hTAS: KTAS

Pressure altitude (feet)	TRQ (%)	ISA - 2 0°C	ISA - 1 0°C	ISA	ISA+10°C	ISA+20°C
24000	55	- 5 2 148 39.4 117 209	- 4 2 146 39.8 118 211	- 3 2 144 40.4 120 212	- 2 2 141 40.8 121 213	- 1 2 139 41.3 123 214
25000	58	- 5 4 152 39.6 118 218	- 4 4 149 40.0 119 219	- 3 4 148 40.6 121 221	- 2 4 145 41.1 122 222	- 1 4 143 41.6 124 223
26000	61	- 5 6 155 40.2 119 226	- 4 6 153 40.7 121 228	- 3 6 151 41.2 122 229	- 2 6 149 41.7 124 231	- 1 6 146 42.2 125 232
27000	63.5	- 5 8 158 40.8 121 234	- 4 8 155 41.2 122 235	- 3 8 153 41.7 124 237	- 2 8 151 42.3 126 239	- 1 8 149 42.8 127 240
28000	65.5	- 6 0 159 41.1 122 240	- 5 0 157 41.6 124 241	- 4 0 154 42.0 125 243	- 3 0 152 42.6 127 245	- 2 0 150 43.1 128 246
29000	66	- 6 2 158 40.8 121 242	- 5 2 156 41.3 123 244	- 4 2 153 41.8 124 246	- 3 2 151 42.2 125 248	- 2 2 149 42.8 127 249
30000	66.5	- 6 4 158 40.6 121 245	- 5 4 155 41.1 122 247	- 4 4 153 41.6 124 249	- 3 4 150 42.1 125 251	- 2 4 148 42.6 127 252
31000	67	- 6 6 157 40.3 120 248	- 5 6 154 40.8 121 250	- 4 6 152 41.3 123 252	- 3 6 149 41.9 125 253	- 2 6 147 42.4 126 255

CRUISE PERFORMANCE

Long Range Cruise (7100 lbs - 3220 kg) (Altitude²24000 ft)

(*) Propeller RPM utilization between1600 and 2000 RPM is possible without changing performance. Display the TRQ indicated in table with Np = 2000 RPM, then reduce Np without exceeding 121.4 % TRQ.