

CLIMB DATA

AT or ABOVE TOW 90,000 lb						BELOW TOW 90,000 lb							
PALT × 1000 (feet)	TIME (min) FUEL (lb) TAS (kt)	TEMP(Δ°C)					PALT × 1000 (feet)	TIME (min) FUEL (lb) TAS (kt)	TEMP(Δ°C)				
		-10	-5	STD	+5	+10			-10	-5	STD	+5	+10
25		39					25		30	32			
	5460							4000	4000				
	258							257	259				
24		35					24		25.5	27.5	32.5		
	5000							3630	3690	4220			
	253							248	250	252			
23		31	36.0				23		22.5	24.0	26.5	32.0	
	4600	4970						3350	3430	3930	4510		
	248	250						241	241	245	247		
22		27	30.0	35.0			22		20	21.0	23.5	27.5	37.0
	4260	4510	5010					3110	3210	3610	4100	5130	
	244	246	258					235	237	239	241	243	
21		24	26.0	30.5	38.5		21		18	19.0	20.0	24.5	33.0
	3930	4100	4560	5610				2910	3010	3320	3760	4670	
	240	242	244	246				233	234	235	237	239	
20		22	25.0	27.0	32.5	45.0	20		16.5	17.5	19.0	22.0	29.0
	3650	3850	4250	5110	6520			2740	2820	3100	3500	4300	
	236	238	240	242	244			228	230	232	234	236	
19		20	21.0	24.5	28.0	39.5	19		15	15.5	17.5	20.0	26.0
	3370	3500	3900	4670	5910			2560	2620	2890	3260	3960	
	230	235	237	239	241			225	227	229	231	233	
18		18	19.0	22.0	26.0	35.0	18		13.5	14.5	15.5	18.0	23.0
	3130	3250	3600	4240	5310			2380	2210	2670	3030	3640	
	225	232	234	238	238			223	225	227	229	231	
17		16	17.0	20.0	23.5	30.5	17		12.5	13.0	14.0	16.0	20.5
	2890	3000	3270	3890	4800			2200	2210	2450	2800	3320	
	224	230	232	232	236			221	223	225	227	229	
16		14.5	15.0	18.0	21.0	27.0	16		11	12.0	13.0	14.5	18.5
	2670	2750	3010	3560	4320			2020	2030	2260	2570	3060	
	223	227	229	231	233			220	222	224	226	227	
15		13.5	14.0	16.0	19.0	24.5	15		10	10.5	11.5	13.5	16.5
	2440	2500	2730	3230	3910			1850	1860	2080	2360	2800	
	222	225	227	231	233			219	221	223	225	227	
14		12	12.5	14.5	17.0	21.5	14		9	9.5	10.5	12.0	15.0
	2210	2300	2520	2910	3550			1660	1690	1890	2150	2560	
	221	223	225	227	229			218	220	222	224	225	
13		10.5	11.0	12.5	15.0	19.0	13		8	8.5	9.5	10.5	13.5
	2010	2100	2280	2610	3180			1500	1510	1710	1940	2310	
	219	221	223	225	227			217	219	221	223	223	
12		9.5	10.0	11.0	13.0	16.5	12		7	7.5	8.5	9.5	12.0
	1800	1900	2010	2300	2700			1350	1300	1510	1700	2100	
	218	220	222	224	226			217	218	220	222	223	

2 ENGINE CRUISE (TEMP:STANDARD-10°C)

WT × 1000 (lb) ALT × 1000 (feet)	TEMP (°C)		BELOW 95	BELOW 85	BELOW 75	BELOW 65
			~ AT or ABOVE 85	~ AT or ABOVE 75	~ AT or ABOVE 65	~ AT or ABOVE 55
22	-45	F/F (lb/H)				3115
	-35.5	TAS (kt)				307
21	-43	F/F			3385	3205
	-33.5	TAS			311	304
20	-41	F/F		3590	3465	3305
	-31.5	TAS		312	306	299
19	-39	F/F	3765	3655	3490	3335
	-29.5	TAS	312	306	300	293
18	-37	F/F	3980	3820	3450	3490
	-27.5	TAS	308	302	296	289
17	-35	F/F	4070	3890	3730	3570
	-25.5	TAS	304	297	289	283
16	-33	F/F	4150	3985	3830	3650
	-23.5	TAS	301	293	287	279
15	-31	F/F	4230	4055	3895	3710
	-21.5	TAS	296	288	282	274
14	-29	F/F	4295	4135	3955	3785
	-19.5	TAS	292	285	278	271
13	-27	F/F	4350	4195	4025	3855
	-17.5	TAS	288	281	274	267
12	-25	F/F	4415	4255	4095	3925
	-15.5	TAS	285	277	268	264
11	-23	F/F	4395	4240	4085	3910
	-13.5	TAS	274	273	265	254
10	-21	F/F	4520	4365	4190	4015
	-11.5	TAS	279	269	263	256
9	-19	F/F	4550	4405	4240	4065
	-9.5	TAS	274	265	258	252

2 ENGINE CRUISE (TEMP:STANDARD)

ALT × 1000 (feet)	WT × 1000 (lb)	TEMP (°C)	BELOW 95	BELOW 85	BELOW 75	BELOW 65	
			~ AT or ABOVE 85	~ AT or ABOVE 75	~ AT or ABOVE 65	~ AT or ABOVE 55	
22		-35	F/F (lb/H)				3190
		-25.5	TAS (kt)				314
21		-33	F/F			3430	3400
		-23.5	TAS			317	310
20		-31	F/F		3720	3610	3440
		-21.5	TAS		317	312	305
19		-29	F/F		3860	3705	3540
		-19.5	TAS		313	307	299
18		-27	F/F	4100	3980	3810	3640
		-17.5	TAS	316	309	303	297
17		-25	F/F	4240	4060	3890	3720
		-15.5	TAS	310	304	297	291
16		-23	F/F	4325	4155	3990	3800
		-13.5	TAS	308	300	294	286
15		-21	F/F	4405	4225	4055	3870
		-11.5	TAS	303	295	289	281
14		-19	F/F	4480	4310	4130	3950
		- 9.5	TAS	299	292	285	278
13		-17	F/F	4530	4370	4200	4020
		- 7.5	TAS	294	287	281	273
12		-15	F/F	4600	4440	4270	4095
		- 5.5	TAS	291	283	277	270
11		-13	F/F	4700	4540	4380	4200
		- 3.5	TAS	293	286	272	266
10		-11	F/F	4710	4550	4370	4190
		- 1.5	TAS	283	275	269	262
9		-9	F/F	4740	4590	4420	4240
		+ 0.5	TAS	278	271	265	258

2 ENGINE CRUISE (TEMP: STANDARD+10°C)

WT × 1000 (lb)	TEMP (°C)		BELOW 95	BELOW 85	BELOW 75	BELOW 65
			~ AT or ABOVE 85	~ AT or ABOVE 75	~ AT or ABOVE 65	~ AT or ABOVE 55
22	-25	F/F (lb/H)				
	-15.5	TAS (kt)				
21	-23	F/F				3390
	-13.5	TAS				314
20	-21	F/F		3770	3690	3580
	-11.5	TAS		324	318	311
19	-19	F/F		3910	3825	3645
	-9.5	TAS		323	315	308
18	-17	F/F		4100	3965	3790
	-7.5	TAS		317	312	304
17	-15	F/F	4350	4220	4050	3870
	-5.5	TAS	319	312	305	299
16	-13	F/F	4500	4330	4150	3960
	-3.5	TAS	316	309	302	294
15	-11	F/F	4585	4395	4220	4025
	-1.5	TAS	311	304	297	289
14	-9	F/F	4660	4485	4295	4110
	+0.5	TAS	307	301	293	286
13	-7	F/F	4710	4550	4375	4180
	+2.5	TAS	302	296	289	281
12	-5	F/F	4795	4620	4445	4255
	+4.5	TAS	298	290	284	277
11	-3	F/F	4835	4660	4495	4305
	+6.5	TAS	293	286	280	273
10	-1	F/F	4905	4735	4560	4360
	+8.5	TAS	288	282	276	269
9	+1	F/F	4933	4780	4600	4415
	+10.5	TAS	286	278	272	265

DESCENT DATA			
ALT	TIME	TAS	FUEL
(× 1,000 feet)	(min)	(kt)	(lb)
23	15	291	670
22	14	289	655
21	13	285	645
20	13	282	630
19	12	280	610
18	12	279	600
17	11	277	585
16	11	274	570
15	10	271	560
14	10	269	545
13	9	267	530
12	8	265	520
11	8	263	505
10	7	261	490

HOLDING FUEL(lb)			
	LANDING WEIGHT AT ALTERNATE		
	85, 000~81, 001	81, 000~77, 001	77, 000~73, 001
30 min	2420	2260	2040

航法ログ

DEPARTURE AP	DESTINATION AP		ALTERNATE AP	ETD	FUEL PLAN														
RJXX	RJYY		RJZZ	ETE	TO DESTINATION			TO ALTERNATE			HOLDING		CONTINGENCY		TOTAL FUEL				
				ETA															
TO	ALT × 1000	TEMP △°C	TAS	WIND	TC	WCA	TH	VAR	MH	ZONE DIST	CUM DIST	GS	ZONE TIME	CUM TIME	ETO	F/F	ZONE FUEL	CUM FUEL	RMS
X VOR																			
A VOR	↗	STD		300/50	245			6W		100									
B VOR		STD		280/60	238			6W		80									
C VOR		STD		270/50	230			7W		78									
D VOR		STD		270/40	279			7W		39									
E VOR		+10		250/40	234			8W		50									
Y VOR	↘	+10		240/40	210			8W		70									
PLDW(予想着陸重量):																	lb		

TO ALTERNATE AP

F VOR		+10		240/40	253			8W		20									
Z VOR		STD		250/40	196			8W		90									

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航法ログ

DEPARTURE AP	DESTINATION AP		ALTERNATE AP	ETD	FUEL PLAN															
RJXX	RJYY		RJZZ	ETE	TO DESTINATION			TO ALTERNATE			HOLDING		CONTINGENCY		TOTAL FUEL					
				ETA																
TO	ALT × 1000	TEMP △°C	TAS	WIND	TC	WCA	TH	VAR	MH	ZONE DIST	CUM DIST	GS	ZONE TIME	CUM TIME	ETO	F/F	ZONE FUEL	CUM FUEL	RMS	
X VOR																				
A VOR	↗	STD		300/50	245			6W		100										
B VOR		STD		280/60	238			6W		80										
C VOR		STD		270/50	230			7W		78										
D VOR		STD		270/40	279			7W		39										
E VOR		+10		250/40	234			8W		50										
Y VOR	↘	+10		240/40	210			8W		70										
PLDW(予想着陸重量):																		lb		

TO ALTERNATE AP

F VOR		+10		240/40	253			8W		20										
Z VOR		STD		250/40	196			8W		90										

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