

5.5 RPM setting and fuel consumption

Altitude	ft	1,000					
Engine speed	<i>rpm</i>	4,200	4,500	4,800	5,000	5,300	5,500
Fuel consumption	<i>l/h</i>	13.6	15.7	18.0	19.5	21.9	23.7
Airspeeds	<i>KIAS</i>	72	81	91	96	105	112
	<i>KCAS</i>	72	80	89	94	102	108
	<i>KTAS</i>	73	81	89	95	103	109
Endurance and Range at 113 liters							
Endurance	<i>hh:mm</i>	8:18	7:11	6:16	5:47	5:09	4:46
Range	<i>NM</i>	607	583	559	551	531	520
	<i>km</i>	1123	1080	1035	1020	984	962
Endurance and Range at 90 liters							
Endurance	<i>hh:mm</i>	6:37	5:43	5:00	4:36	4:06	3:47
Range	<i>NM</i>	483	464	445	438	423	414
	<i>km</i>	895	860	824	812	784	767
Endurance and Range at 60 liters							
Endurance	<i>hh:mm</i>	4:24	3:49	3:20	3:04	2:44	2:31
Range	<i>NM</i>	322	310	297	292	282	276
	<i>km</i>	596	573	549	541	523	511
Endurance and Range at 30 liters							
Endurance	<i>hh:mm</i>	2:12	1:54	1:40	1:32	1:22	1:15
Range	<i>NM</i>	161	155	148	146	141	138
	<i>km</i>	298	287	275	271	261	256
Endurance and Range at 15 liters							
Endurance	<i>hh:mm</i>	1:06	0:57	0:50	0:46	0:41	0:37
Range	<i>NM</i>	81	77	74	73	71	69
	<i>km</i>	149	143	137	135	131	128

Altitude	<i>ft</i>	3,000					
Engine speed	<i>rpm</i>	4,200	4,500	4,800	5,000	5,300	5,500
Fuel consumption	<i>l/h</i>	13.2	15.3	17.5	19.0	21.4	23.3
Airspeeds	<i>KIAS</i>	68	78	86	93	102	108
	<i>KCAS</i>	69	77	85	91	99	104
	<i>KTAS</i>	72	80	88	94	102	108
Endurance and Range at 113 liters							
Endurance	<i>hh:mm</i>	8:33	7:23	6:27	5:56	5:16	4:50
Range	<i>NM</i>	616	591	568	559	539	524
	<i>km</i>	1142	1094	1052	1035	997	970
Endurance and Range at 90 liters							
Endurance	<i>hh:mm</i>	6:49	5:52	5:08	4:44	4:12	3:51
Range	<i>NM</i>	491	471	453	445	429	417
	<i>km</i>	909	872	838	825	794	773
Endurance and Range at 60 liters							
Endurance	<i>hh:mm</i>	4:32	3:55	3:25	3:09	2:48	2:34
Range	<i>NM</i>	327	314	302	297	286	278
	<i>km</i>	606	581	559	550	530	515
Endurance and Range at 30 liters							
Endurance	<i>hh:mm</i>	2:16	1:57	1:42	1:34	1:24	1:17
Range	<i>NM</i>	164	157	151	148	143	139
	<i>km</i>	303	291	279	275	265	258
Endurance and Range at 15 liters							
Endurance	<i>hh:mm</i>	1:08	0:58	0:51	0:47	0:42	0:38
Range	<i>NM</i>	82	78	75	74	71	70
	<i>km</i>	152	145	140	137	132	129

Altitude	ft	5,000					
Engine speed	<i>rpm</i>	4,200	4,500	4,800	5,000	5,300	5,500
Fuel consumption	<i>l/h</i>	12.9	14.9	17.2	18.7	21.1	22.8
Airspeeds	<i>KIAS</i>	65	74	83	89	97	103
	<i>KCAS</i>	66	74	82	87	95	100
	<i>KTAS</i>	71	79	87	93	101	107
Endurance and Range at 113 liters							
Endurance	<i>hh:mm</i>	8:45	7:35	6:34	6:02	5:21	4:57
Range	<i>NM</i>	622	599	572	562	541	530
	<i>km</i>	1152	1110	1059	1041	1002	982
Endurance and Range at 90 liters							
Endurance	<i>hh:mm</i>	6:58	6:02	5:13	4:48	4:15	3:56
Range	<i>NM</i>	495	477	455	448	431	422
	<i>km</i>	917	884	843	829	798	782
Endurance and Range at 60 liters							
Endurance	<i>hh:mm</i>	4:39	4:01	3:29	3:12	2:50	2:37
Range	<i>NM</i>	330	318	303	298	287	282
	<i>km</i>	612	589	562	553	532	521
Endurance and Range at 30 liters							
Endurance	<i>hh:mm</i>	2:19	2:00	1:44	1:36	1:25	1:18
Range	<i>NM</i>	165	159	152	149	144	141
	<i>km</i>	306	295	281	276	266	261
Endurance and Range at 15 liters							
Endurance	<i>hh:mm</i>	1:09	1:00	0:52	0:48	0:42	0:39
Range	<i>NM</i>	83	80	76	75	72	70
	<i>km</i>	153	147	141	138	133	130

Altitude	<i>ft</i>	7,000					
Engine speed	<i>rpm</i>	4,200	4,500	4,800	5,000	5,300	5,500
Fuel consumption	<i>l/h</i>	12.5	14.6	16.8	18.4	20.8	22.3
Airspeeds	<i>KIAS</i>	62	69	79	84	92	98
	<i>KCAS</i>	63	70	78	83	90	95
	<i>KTAS</i>	69	77	85	91	99	105
Endurance and Range at 113 liters							
Endurance	<i>hh:mm</i>	9:02	7:44	6:43	6:08	5:25	5:04
Range	<i>NM</i>	624	596	572	559	538	532
	<i>km</i>	1155	1104	1059	1035	996	985
Endurance and Range at 90 liters							
Endurance	<i>hh:mm</i>	7:12	6:09	5:21	4:53	4:19	4:02
Range	<i>NM</i>	497	475	455	445	428	424
	<i>km</i>	920	879	843	824	793	785
Endurance and Range at 60 liters							
Endurance	<i>hh:mm</i>	4:48	4:06	3:34	3:15	2:53	2:41
Range	<i>NM</i>	331	316	304	297	286	283
	<i>km</i>	613	586	562	550	529	523
Endurance and Range at 30 liters							
Endurance	<i>hh:mm</i>	2:24	2:03	1:47	1:37	1:26	1:20
Range	<i>NM</i>	166	158	152	148	143	141
	<i>km</i>	307	293	281	275	264	262
Endurance and Range at 15 liters							
Endurance	<i>hh:mm</i>	1:12	1:01	0:53	0:48	0:43	0:40
Range	<i>NM</i>	83	79	76	74	71	71
	<i>km</i>	153	147	141	137	132	131

Altitude	<i>ft</i>	9,000					
Engine speed	<i>rpm</i>	4,200	4,500	4,800	5,000	5,300	5,500
Fuel consumption	<i>l/h</i>	12.2	14.3	16.4	18.0	20.4	21.8
Airspeeds	<i>KIAS</i>	57	64	73	79	86	92
	<i>KCAS</i>	59	65	73	78	85	90
	<i>KTAS</i>	67	74	83	89	97	103
Endurance and Range at 113 liters							
Endurance	<i>hh:mm</i>	9:15	7:54	6:53	6:16	5:32	5:11
Range	<i>NM</i>	621	585	572	559	537	534
	<i>km</i>	1149	1083	1059	1035	995	989
Endurance and Range at 90 liters							
Endurance	<i>hh:mm</i>	7:22	6:17	5:29	5:00	4:24	4:07
Range	<i>NM</i>	494	466	455	445	428	425
	<i>km</i>	915	863	844	824	793	788
Endurance and Range at 60 liters							
Endurance	<i>hh:mm</i>	4:55	4:11	3:39	3:20	2:56	2:45
Range	<i>NM</i>	330	310	304	297	285	283
	<i>km</i>	610	575	562	549	528	525
Endurance and Range at 30 liters							
Endurance	<i>hh:mm</i>	2:27	2:05	1:49	1:40	1:28	1:22
Range	<i>NM</i>	165	155	152	148	143	142
	<i>km</i>	305	288	281	275	264	263
Endurance and Range at 15 liters							
Endurance	<i>hh:mm</i>	1:13	1:02	0:54	0:50	0:44	0:41
Range	<i>NM</i>	82	78	76	74	71	71
	<i>km</i>	153	144	141	137	132	131