

2000 ft		-9°			11°			31°		
RPM	MP	% HP	TAS	GPH	% HP	TAS	GPH	% HP	TAS	GPH
2400	22	77	132	13.1	74	133	12.6	71	134	12.2
	21	72	129	12.3	69	130	11.8	67	131	11.4
	20	67	126	11.5	65	126	11.1	63	127	10.7
	19	62	122	10.7	60	122	10.3	58	122	10
2300	23	78	133	13.3	75	134	12.8	72	135	12.4
	22	73	130	12.5	70	131	12	68	131	11.6
	21	68	126	11.7	66	127	11.3	64	128	10.9
	20	64	123	10.9	62	123	10.5	60	123	10.2
2200	23	73	130	12.5	70	131	12	68	131	11.6
	22	69	127	11.7	66	127	11.3	64	128	10.9
	21	64	123	11	62	124	10.6	60	124	10.2
	20	60	119	10.2	58	120	9.9	56	120	9.6
2100	23	68	126	11.6	66	127	11.2	64	127	10.8
	22	64	123	10.9	62	123	10.5	60	124	10.2
	21	60	119	10.2	58	120	9.9	56	120	9.6
	20	56	115	9.6	54	115	9.3	52	115	9
	19	52	111	9	50	110	8.7	48	109	8.5
	18	47	106	8.4	46	105	8.1	44	103	7.9

4000 ft		-13°			7°			27°		
RPM	MP	% HP	TAS	GPH	% HP	TAS	GPH	% HP	TAS	GPH
2400	22	-	-	-	76	137	13	73	138	12.5
	21	74	133	12.6	71	134	12.1	69	134	11.7
	20	69	129	11.8	66	130	11.3	64	130	11
	19	64	125	10.9	62	126	10.6	60	126	10.2
2300	23	-	-	-	76	138	13.1	74	139	12.6
	22	75	133	12.8	72	134	12.3	70	135	11.9
	21	70	130	12	68	131	11.5	65	131	11.2
	20	66	126	11.2	63	127	10.8	61	127	10.4
2200	23	75	133	12.8	72	134	12.3	70	135	11.9
	22	70	130	12	68	131	11.6	66	131	11.2
	21	66	127	11.3	64	127	10.9	61	127	10.5
	20	62	123	10.5	59	123	10.2	57	123	9.8
2100	23	70	130	11.9	67	131	11.5	65	131	11.1
	22	66	126	11.2	63	127	10.8	61	127	10.4
	21	62	123	10.5	59	123	10.1	57	123	9.8
	20	57	119	9.8	55	119	9.5	53	118	9.3
	19	53	114	9.2	51	114	8.9	50	113	8.7
	18	49	109	8.6	47	108	8.3	46	106	8.1

6000 ft		-17°			3°			23°		
RPM	MP	% HP	TAS	GPH	% HP	TAS	GPH	% HP	TAS	GPH
2400	22	-	-	-	77	141	13.3	75	142	12.8
	21	75	136	12.9	73	137	12.4	70	138	12
	20	71	133	12.1	68	133	11.6	66	134	11.2
	19	66	129	11.2	64	129	10.8	61	129	10.5
2300	22	77	137	13.1	74	138	12.6	71	135	12.2
	21	72	134	12.3	69	134	11.8	67	131	11.4
	20	67	130	11.5	65	130	11.1	63	127	10.7
	19	63	126	10.7	60	126	10.3	58	121	10
2200	22	72	134	12.3	69	135	11.9	67	135	11.5
	21	68	130	11.6	65	131	11.1	63	131	10.8
	20	63	126	10.8	61	127	10.4	59	127	10.1
	19	59	122	10.1	57	122	9.7	55	121	9.5
2100	22	67	130	11.5	65	131	11.1	63	131	10.7
	21	63	126	10.8	61	127	10.4	59	127	10.1
	20	59	122	10.1	57	122	9.8	55	122	9.5
	19	55	118	9.5	53	117	9.2	51	116	8.9
	18	51	113	8.8	49	111	8.6	47	110	8.3
	17	47	107	8.2	45	105	8	43	103	7.8

8000 ft		-21°			-1°			19°		
RPM	MP	% HP	TAS	GPH	% HP	TAS	GPH	% HP	TAS	GPH
2400	21	77	140	13.3	74	141	12.7	72	142	12.3
	20	72	136	12.4	70	137	11.9	67	138	11.5
	19	68	132	11.5	65	133	11.1	63	133	10.7
	18	63	128	10.7	60	128	10.3	58	128	10
2300	21	74	137	12.6	71	138	12.6	69	139	11.7
	20	69	134	11.8	66	134	11.8	64	134	11
	19	64	130	11	62	130	11	60	129	10.2
	18	60	125	10.2	58	125	10.2	56	124	9.6
2200	21	69	134	11.8	67	135	11.4	65	135	11
	20	65	130	11.1	63	130	10.7	60	130	10.3
	19	61	126	10.3	58	126	10	56	125	9.7
	18	56	121	9.7	54	120	9.3	52	119	9.1
2100	21	65	130	11.1	63	130	10.7	60	130	10.3
	20	61	126	10.4	59	126	10	57	125	9.7
	19	57	122	9.7	54	121	9.4	53	120	9.1
	18	52	116	9.1	50	115	8.8	49	113	8.5
	17	48	110	8.5	46	108	8.2	45	106	8

10000 ft		-25°			-5°			15°		
RPM	MP	% HP	TAS	GPH	% HP	TAS	GPH	% HP	TAS	GPH
2400	20	74	140	12.7	71	141	12.2	69	141	11.8
	19	69	136	11.8	67	137	11.4	64	137	11
	18	65	132	11	62	132	10.6	60	131	10.2
	17	60	127	10.2	57	126	9.8	55	125	9.5
2300	20	71	137	12.1	68	138	11.6	66	138	11.2
	19	66	133	11.3	64	133	10.9	61	133	10.5
	18	61	129	10.5	59	128	10.1	57	128	9.8
	17	57	123	9.7	55	122	9.4	53	121	9.1
2200	20	67	134	11.4	64	134	11	62	134	10.6
	19	62	129	10.6	60	129	10.2	58	129	9.9
	18	58	125	9.9	56	124	9.6	54	123	9.3
	17	53	119	9.2	51	118	8.9	50	116	8.7
2100	20	63	130	10.7	60	130	10.3	58	129	9.9
	19	58	125	10	56	124	9.6	54	123	9.4
	18	54	120	9.3	52	119	9	50	117	8.8
	17	50	114	8.7	48	112	8.4	46	110	8.2
	16	46	107	8.1	44	104	7.8	42	102	7.6

12000 ft		-29°			-9°			11°		
RPM	MP	% HP	TAS	GPH	% HP	TAS	GPH	% HP	TAS	GPH
2400	18	66	136	11.3	64	136	10.9	61	135	10.5
	17	61	130	10.5	59	130	10.1	57	129	9.8
	16	56	124	9.7	54	123	9.4	52	122	9.1
	15	51	117	9	50	116	8.7	48	114	8.4
2300	18	63	132	10.8	61	132	10.4	59	131	10
	17	58	127	10	56	126	9.7	54	125	9.4
	16	54	121	9.3	52	119	9	50	117	8.7
	15	49	113	8.6	47	112	8.3	45	109	8.1
2200	18	59	128	10.2	57	128	9.8	55	126	9.5
	17	55	123	9.5	53	121	9.2	51	119	8.9
	16	51	116	8.8	49	114	8.5	47	112	8.3
	15	46	108	8.2	44	106	7.9	43	103	7.7
2100	18	56	124	9.6	54	122	9.3	52	120	9
	17	51	117	8.9	49	115	8.7	48	113	8.4
	16	47	110	8.3	45	108	8.1	44	106	7.8

**Notes:** 3100 lbs, Cowl flaps closed. For best fuel economy at 65% power or less, operate at the leanest mixture that results in smooth engine operation or at peak EGT.