

**CRUISE PERFORMANCE
PRESSURE ALTITUDE 2000 FEET**

**CRUISE PERFORMANCE
PRESSURE ALTITUDE 4000 FEET**

**CRUISE PERFORMANCE
PRESSURE ALTITUDE 6000 FEET**

		20°C BELOW STANDARD TEMP -9°C			STANDARD TEMPERATURE 11°C			20°C ABOVE STANDARD TEMP 31°C					20°C BELOW STANDARD TEMP -13°C			STANDARD TEMPERATURE 7°C			20°C ABOVE STANDARD TEMP 27°C					20°C BELOW STANDARD TEMP -17°C			STANDARD TEMPERATURE 3°C			20°C ABOVE STANDARD TEMP 23°C																								
RPM	MP	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH	RPM	MP	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH	RPM	MP	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH																			
2400	22	77	134	13.1	74	135	12.6	71	136	12.2	2400	22	---	---	---	76	139	13.0	73	140	12.5	2400	22	---	---	---	77	143	13.3	75	144	12.8	2400	22	---	---	---	77	143	13.3	75	144	12.8											
	21	72	131	12.3	69	132	11.8	67	133	11.4		21	74	135	12.6	71	136	12.1	69	136	11.7		21	75	138	12.9	73	139	12.4	70	140	12.0		21	75	138	12.9	73	139	12.4	70	140	12.0											
	20	67	128	11.5	65	128	11.1	63	129	10.7		20	69	131	11.8	66	132	11.3	64	133	11.0		20	71	135	12.1	68	136	11.6	66	136	11.2		20	71	135	12.1	68	136	11.6	66	136	11.2											
	19	62	124	10.7	60	124	10.3	58	125	10.0		19	64	127	10.9	62	128	10.6	60	128	10.2		19	66	131	11.2	64	132	10.8	61	132	10.5		19	66	131	11.2	64	132	10.8	61	132	10.5											
2300	23	78	135	13.3	75	136	12.8	72	137	12.4	2300	23	---	---	---	76	140	13.1	74	141	12.6	2300	22	77	139	13.1	74	140	12.6	71	141	12.2	2300	22	77	139	13.1	74	140	12.6	71	141	12.2	2300	22	77	139	13.1	74	140	12.6	71	141	12.2
	22	73	132	12.5	70	133	12.0	68	133	11.6		21	70	132	12.0	68	133	11.5	65	134	11.2		21	72	136	12.3	69	137	11.8	67	137	11.4		21	72	136	12.3	69	137	11.8	67	137	11.4											
	21	68	128	11.7	66	129	11.3	64	130	10.9		20	66	128	11.2	63	129	10.8	61	130	10.4		20	67	132	11.5	65	133	11.1	63	133	10.7		20	67	132	11.5	65	133	11.1	63	133	10.7											
	20	64	125	10.9	62	125	10.5	60	126	10.2		20	66	128	11.2	63	129	10.8	61	130	10.4		19	63	128	10.7	60	129	10.3	56	129	10.0		19	63	128	10.7	60	129	10.3	56	129	10.0											
2200	23	73	132	12.5	70	133	12.0	68	133	11.6	2200	23	75	135	12.8	72	136	12.3	70	137	11.9	2200	22	72	136	12.3	69	137	11.9	67	137	11.5	2200	22	72	136	12.3	69	137	11.9	67	137	11.5	2200	22	72	136	12.3	69	137	11.9	67	137	11.5
	22	69	129	11.7	66	129	11.3	64	130	10.9		21	66	129	11.3	64	129	10.9	61	130	10.5		21	68	132	11.6	65	133	11.1	63	134	10.8		21	68	132	11.6	65	133	11.1	63	134	10.8											
	21	64	125	11.0	62	126	10.6	60	126	10.2		20	62	125	10.5	59	126	10.2	57	126	9.8		20	63	129	10.8	61	129	10.4	59	130	10.1		19	59	125	10.1	57	125	9.7	55	125	9.5											
	20	60	121	10.2	58	122	9.9	56	122	9.6		19	57	121	9.8	55	121	9.5	53	121	9.2		19	59	125	10.1	57	125	9.7	55	125	9.5		19	59	125	10.1	57	125	9.7	55	125	9.5											
2100	23	68	128	11.6	66	129	11.2	64	130	10.8	2100	23	70	132	11.9	67	133	11.5	65	133	11.1	2100	22	67	132	11.6	65	133	11.1	63	134	10.8	2100	22	67	132	11.6	65	133	11.1	63	134	10.8	2100	22	67	132	11.6	65	133	11.1	63	134	10.8
	22	64	125	10.9	62	126	10.5	60	126	10.2		21	62	125	10.5	59	126	10.1	57	126	9.8		21	63	129	10.8	61	129	10.4	59	130	10.1		19	55	121	9.5	53	121	9.2	51	121	8.9											
	21	60	121	10.2	58	122	9.9	56	122	9.6		20	57	121	9.8	55	121	9.5	53	122	9.3		20	62	125	10.5	59	126	10.2	57	126	9.8		19	59	125	10.1	57	125	9.7	55	125	9.5											
	20	56	118	9.6	54	118	9.3	52	118	9.0		19	53	117	9.2	51	117	8.9	50	117	8.7		19	55	121	9.5	53	121	9.2	51	121	8.7		18	51	116	8.8	49	116	8.6	47	115	8.3											
19	52	113	9.0	50	114	8.7	48	113	8.5	18	49	112	8.6	47	112	8.3	46	112	8.1	18	51	116	8.8	49	116	8.6	47	115	8.3	17	47	111	8.2	45	110	8.0	43	109	7.8															
18	47	109	8.4	46	109	8.1	44	108	7.9	17	45	107	8.0	43	107	7.8	42	106	7.6	17	47	111	8.2	45	110	8.0	43	109	7.8	17	47	111	8.2	45	110	8.0	43	109	7.8															

CONDITIONS:
2950 Pounds
Recommended Lean Mixture
Cowl Flaps Closed

NOTE
For best fuel economy at 65% power or less, operate at the leanest mixture that results in smooth engine operation or at peak EGT if an EGT indicator is installed.

**CRUISE PERFORMANCE
PRESSURE ALTITUDE 8000 FEET**

**CRUISE PERFORMANCE
PRESSURE ALTITUDE 10,000 FEET**

**CRUISE PERFORMANCE
PRESSURE ALTITUDE 12,000 FEET**

		20°C BELOW STANDARD TEMP -21°C			STANDARD TEMPERATURE -1°C			20°C ABOVE STANDARD TEMP 19°C					20°C BELOW STANDARD TEMP -25°C			STANDARD TEMPERATURE -5°C			20°C ABOVE STANDARD TEMP 15°C					20°C BELOW STANDARD TEMP -29°C			STANDARD TEMPERATURE -9°C			20°C ABOVE STANDARD TEMP 11°C													
RPM	MP	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH	RPM	MP	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH	RPM	MP	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH	% BHP	KTAS	GPH								
2400	21	77	142	13.3	74	143	12.7	72	144	12.3	2400	20	74	142	12.7	71	143	12.2	69	144	11.8	2400	18	66	138	11.3	64	139	10.9	61	139	10.5	59	133	10.1	57	133	9.8					
	20	72	139	12.4	70	139	11.9	67	140	11.5		19	69	138	11.8	67	139	11.4	64	140	11.0		17	61	133	10.5	59	133	10.1	57	133	9.8											
	19	68	135	11.5	65	135	11.1	63	136	10.7		18	65	134	11.0	62	135	10.6	60	135	10.2		16	56	128	9.7	54	128	9.4	52	127	9.1											
	18	63	130	10.7	60	131	10.3	58	131	10.0		17	60	129	10.2	57	130	9.8	55	130	9.5		15	51	122	9.0	50	121	8.7	48	120	8.4											
2300	21	74	139	12.6	71	140	12.1	69	141	11.7	2300	20	71	140	12.1	68	140	11.6	66	141	11.2	2300	18	63	135	10.8	61	135	10.4	59	135	10.0	2300	18	63	135	10.8	61	135	10.4	59	135	10.0
	20	69	136	11.8	66	137	11.3	64	137	11.0		19	66	136	11.3	64	136	10.9	61	136	10.5		17	58	130	10.0	56	130	9.7	54	130	9.4											
	19	64	132	11.0	62	132	10.6	60	133	10.2		18	61	131	10.5	59	131	10.1	57	132	9.8		16	54	125	9.3	52	125	9.0	50	124	8.7											
	18	60	127	10.2	58	128	9.9	56	128	9.6		17	57	126	9.7	55	126	9.4	53	126	9.1		15	49	119	8.6	47	118	8.3	45	116	8.1											
2200	21	69	136	11.8	67	137	11.4	65	137	11.0	2200	20	67	136	11.4	64	137	11.0	62	137	10.6	2200	18	59	131	10.2	57	131	9.8	55	131	9.5	2200	18	59	131	10.2	57	131	9.8	55	131	9.5
	20	65	132	11.1	63	133	10.7	60	133	10.3		19	62	132	10.6	60	132	10.2	58	133	9.9		17	55	126	9.5	53	126	9.2	51	125	8.9											
	19	61	128	10.3	58	129	10.0	56	129	9.7		18	58	128	9.9	56	128	9.6	54	128	9.3		16	51	121	8.8	49	120	8.5	47	119	8.3											
	18	56	124	9.7	54	124	9.3	52	124	9.1		17	53	123	9.2	51	123	8.9	50	122	8.7		15	46	114	8.2	44	113	7.9	43	111	7.7											