



## CRUISE PERFORMANCE - SOLOY CESSNA 206H MARK-1

### CONDITIONS:

1. 3600 Pounds
2. 1810 RPM
3. Inlet – Normal

#### PRESSURE ALTITUDE – 4,000

STD -20°C (-13°C)			STD (7°C)			STD +20°C (27°C)		
TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR
69	151	184	72	157	191	72	160	200
60	143	167	60	146	172	60	149	177
50	132	148	50	135	153	50	137	157
40	118	130	40	120	133	40	123	137
30	96	111	30	86	114	30	88	117

#### PRESSURE ALTITUDE – 8,000

STD -20°C (-21°C)			STD (-1°C)			STD +20°C (19°C)		
TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR
73	160	191	76	167	205	65	160	181
60	148	159	60	151	164	60	155	168
50	136	140	50	139	144	50	142	148
40	122	122	40	124	125	40	127	128
30	87	103	30	89	106	30	91	108



## PRESSURE ALTITUDE – 12,000

TD -20°C (-29°C)			STD (-9°C)			STD +20°C (11°C)		
TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR
72	165	189	66	164	179			
60	153	156	60	157	160	58	158	160
50	141	134	50	145	138	50	147	141
40	126	115	40	128	118	40	130	121
30	90	96	30	92	99	30	94	101

## PRESSURE ALTITUDE – 20,000

STD -20°C (-45°C)			STD (-25°C)			STD +20°C (-5°C)		
TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR	TORQUE PSI	KTAS	FUEL FLOW LB/HR
53	156	140						
50	151	131	51	156	137	49	157	136
40	133	103	40	135	106	40	137	109
30	97	84	30	99	87	30	101	89



## RANGE PROFILE

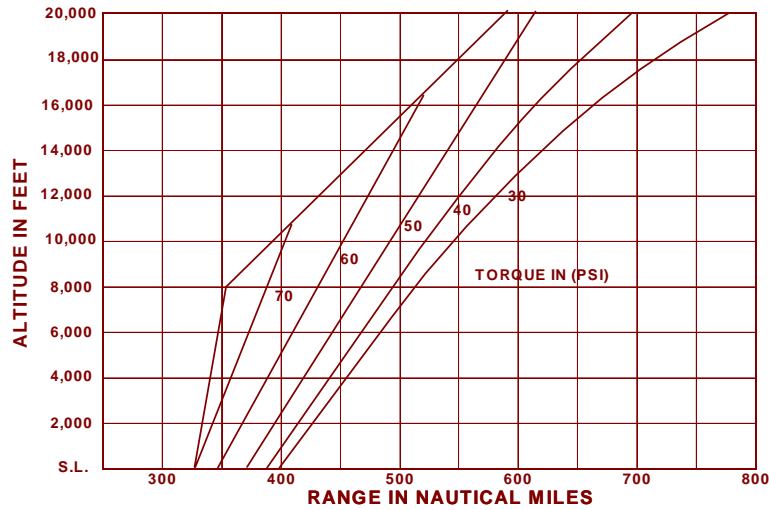
45 Minute Reserve  
88/87 Gallons Usable Fuel

### CONDITIONS:

1810 RPM 100% N<sub>2</sub>  
3600 LB AT ENGINE START  
STANDARD TEMPERATURE  
ZERO WIND

### NOTE:

- 1) THIS CHART ALLOWS FOR FUEL USED IN START, TAXI, AND CLIMB AND 45 MINUTES RESERVE FUEL AT THE PARTICULAR CRUISE POWER AND ALTITUDE.





## ENDURANCE PROFILE

45 Minute Reserve  
88/87 Gallons Usable Fuel

### CONDITIONS:

1810 RPM 100% N<sub>2</sub>  
3600 LB AT ENGINE START  
STANDARD TEMPERATURE  
ZERO WIND

### NOTE:

- 1) THIS CHART ALLOWS FOR FUEL USED IN START, TAXI, AND CLIMB AND 45 MINUTES RESERVE FUEL AT THE PARTICULAR CRUISE POWER AND ALTITUDE.

