5.2.7 Cruise Power Settings

Press Alt	Stand Temp	Cruise Power - % of the Maximum Continuous Power MCP														
		55%			65%			75%			85%			MCP		
	T	RPM	MP	F/F	RPM	MP	F/F	RPM	MP	F/F	RPM	MP	F/F	RPM	MP	F/F
ft	°C	1/min	inHg	l/h	1/min	inHg	l/h	1/min	inHg	l/h	1/min	inHg	l/h	1/min	inHg	l/h
0	15	1900	24,6	14,0	2000	25,7	15,6	2100	27,0	21,0	2260	27,7	24,0	2260	28,0	26,0
2000	11	1900	24,0	15,0	2000	24,7	16,0	2200	25,7	21,3	2260	26,7	22,0	2260	27,0	26,0
4000	7	1900	23,3	16,0	2100	23,3	16,8	2260	24,3	21,5	2260	25,2	22,0			
6000	3	2000	22,0	17,0	2200	22,7	19,3	2260	23,3	22,3						
8000	-1	2100	21,0	18,0	2200	21,5	21,5	2260	21,5	23,0						
10.000	-5	2200	19,7	19,0	2260	20,1	22,0									
12.000	-9	2260	18,5	19,0												

MCP Maximum Continuous Power
RPM: Revolutions Per Minute
MP: Manifold Pressure
F/F: Fuel Flow

Data Correction for non ISA temperature conditions:
For each 10°C above ISA: increase Manifold Pressure by 3%,
Fuel consumption will increase by 5%
For each 10°C below ISA: decrease Manifold Pressure by 3%,
Fuel consumption will decrease by 5%

Example:

Flight Altitude	2000 ft
ISA-Temperature	11°C
Temperature in flight altitude:	21°C (ISA+10°C)
Power Setting:	65%
RPM:	2000 1/min
Manifold pressure for ISA (see chart)	24,7 inHg
Manifold pressure calculated for ISA +10°C	24,7+(0,247x 3,0) =25,44 inHg
Fuel consumption for ISA:	16 l/h
Fuel consumption calculated for ISA+10°C:	16+(0,16x5,0) = 16,8 l/h

5.2.8 RESERVED

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