













C182P–STC v1.2	Flaps	MP "	RPM	IAS (mph)	FPM
 V <sub>G</sub>			idle	86	
 V <sub>R</sub>			max	60	
V <sub>X(20°)</sub>	20°		max	63	
V <sub>X</sub>			max	73	
 V <sub>Y</sub>			max	91	
 V <sub>Climb</sub>		23	2450	105	
Cruise		23	2300	–	
Cruise Descent		23	2300	–	
 IAF Inbound Level				90	0
 IAF Inbound Descent				90	-800
 Prec Appr to DA	10°	14		100	-600
 Non-Prec Appr to MDA	10°			90	-800
 Downwind		18	–	100	0
 Abeam Numbers	10°	15	–	100	
 Base	20°	15	–	90	
 Final	40°	17	max	80	-350
Short	40°	as req	max	70	

Topic	Details
Leaning	Peak EGT –75° F
Cooling	23", <2450RPM, cowl open, CHT <380 (max 400)
V <sub>A</sub>	128 @ mgw 3100 ; 115 @ 2500 lb; 105 @ 2100 lb -> start with 18"-2300RPM