Referencing Getting to Know a New Plane and C172S GAIT

___ = to be determined in plane
* = to be confirmed in plane

Plane Used: N___

Day 1: Standard Operations

1) Estimate Taxi Leaning

Altitude	FFlow	Rough Measurement
Sea Level	___	Thumb to first knuckle?
4000' MSL	TBD	
8000' MSL	TBD	

2) Leave for practice area

3) Practice Stalls and Slow Flight

Simulate what it will be like to land

4) Complete GAIT below

C172S Gaits	Flaps	Pitch	RPM	IAS (kts)	VSI (fpm)

C172S Gaits	Flaps	Pitch	RPM	IAS (kts)	VSI (fpm)
⚠ V_G (9:1*)		___	idle	68	___
 V_R	10°	___	max	55	___
$V_{X(10°)}$	10°	___	max	56	___
V_X		___	max	62	___
 V_Y		+10°*	max	74	+600*
 Cruise Climb		+5°*	max	90	+500*
Cruise (75% Power)		0°	2500	105*	0
Cruise Descent		-2.5°	2500	115*	-500*
 IAF Inbound Level		+2°*	2200*	90	0
 IAF Inbound Descent		-2°*	1700	90	-800*
 Prec Appr to DA	10°	-3°*	1900	90	-450*

C172S Gaits	Flaps	Pitch	RPM	IAS (kts)	VSI (fpm)
Non-Prec Appr to MDA	10°	-4°*	1500	90	-800*
Downwind		___	2000	90*	0
Abeam Numbers	10°	___	1500	80	___
Base	20°	___	1500	70	___
Final	30°	___	1500	65	___
Short	30°	___	1500	61	___

Recommended: 50°F Rich of Peak EGT (For Best Economy, use Peak EGT)

Power	RPM	Pressure Altitude	KTAS (Std. Temp) maybe KIAS?	Rough FFlow with Lean Mixture*
75%	2500	2000'	112*	10 (-9°C OAT), 9.5 (11°C), 9 (31°C)

Power	RPM	Pressure Altitude	KTAS (Std. Temp) maybe KIAS?	Rough FFlow with Lean Mixture*
75%	2500	4000'	115*	10 (-13°C OAT), 9.5 (7°C), 9 (27°C)
75%	2550	6000'	116*	10 (-17°C OAT), 9.5 (3°C), 9 (23°C)
75%	2600	8000'	120*	10 (-21°C OAT), 9.5 (-1°C), 9 (19°C)