

Student Pilot Solo Flight Worksheet

Pilot: _____ Aircraft: _____ Type: _____ Date: _____

Instructor: _____ Solo Endorsement: _____ Medical: _____

	Weight	Arm	Moment	Within Limits
Basic Empty Weight				
Pilot and/or CFI				
Baggage				
Fuel (Gal x 6)				
Ramp Weight		CG =		
Start, Taxi, Run-up	(minus)		(minus)	
Takeoff Weight		CG =		
Fuel Burn	(minus)		(minus)	
Landing Weight		CG =		

Weight * Arm = Moment

Moment / Weight = CG

Trip Overview: _____

Airport Conditions

(Proposed departure time zulu: _____)

Wind Direction/Velocity: _____ Visibility: _____ Ceiling: _____

Temperature/DewPoint: _____ Altimeter: _____ Runways in Use: _____

Pressure Altitude: _____ Density Altitude: _____

Headwind Component: _____ Crosswind Component: _____

Runway Length(s): _____ Takeoff Distance (50' Obstacle): _____

Aircraft Performance

Takeoff Distance (50' Obstacle): _____ Safe? Yes / No

Landing Distance (50' Obstacle): _____ Safe? Yes / No

Maximum Demonstrated Crosswind Component: _____ Wind Within Limits? Yes / No

CFI Signature: _____