

INTRODUCTION

Regulations [FAR 61.87\(d\)](#) dictates that prior to any student pilots flying an aircraft solo for the first time there are a number of prerequisites that need to be met including:

Pre-Flight Engine Starting and Taxi

- o Proper flight preparation procedures
- o Preflight planning and preparation,
- o Power plant operation,
- o Aircraft systems
- o Taxiing or surface operations, including run-ups

Takeoff and Landings

- o Normal Takeoff & Climb
- o Normal Approach & Landing`
- o Crosswind Takeoff & Climb
- o Crosswind Approach & Landing

Basic Flight Maneuvers

- o Straight and level flight,
- o Turns in both directions;
- o Climbs and climbing turns;
- o Descents, with and without turns, using high and low drag configurations;