Stage 1, Phase 2: Improving Control

Phase 2 **Progress Check**

Desired outcome for all tasks for the Progress Check is "Perform" or "Manage/Decide"	Practice	Perform	Manage/ Decide
Single-pilot resource management *Utilizes all resources available to ensure the successful completion of the flight*			
Preflight procedures			
Preflight inspection *Can perform a safe preflight inspection without instructor assistance*			
Stall/spin awareness *Knows spin recovery procedures*			
Checklist usage *Uses checklist as a habit and completes all checklists*			
Operation of systems *Can explain and operate most airplane systems*			
Radio communications *Can effectively communicate over the radio using minimal instructor assistance*			
Positive exchange of flight controls *Uses the 3-part verification system to confirm who has official control of the airplane*			
Runway incursion avoidance *Uses best procedures for operational planning and to maintain situational awareness during taxi*			
Crosswind taxi *Applies appropriate aileron and elevator deflections*			
In-flight			
Normal/crosswind takeoff and climb *Maintains takeoff power and V_Y (+10/-5 knots), applies rudder correction for yaw and aileron correction for wind, can perform an unassisted takeoff*			
Use of trim *Sets trim after setting pitch and power*			
Collision avoidance *Lifts wing and looks before turning, maintains a visual scan and awareness for other traffic*			
Turn coordination *Uses appropriate rudder pressures entering, in, and exiting a turn*			
Maneuvering during slow flight *Altitude (+/- 200 feet), heading (+/- 20°), airspeed (+10/-5 knots), bank (+/- 10°)*			
Stall *Uses rudder to control roll at high angles of attack, promptly recovers with use of pitch and power*			
Crabbing *Uses crab angle into wind to maintain a ground track*			
Sideslip *Uses a sideslip into the wind to maintain a ground track (ailerons into the wind, opposite rudder)*			
Normal/crosswind approach and landing *Uses appropriate pitch and power settings, applies decisive wind correction as needed, airspeed (+10/-5 knots), lands with instructor assistance*			
Postflight procedures			
After landing, parking and securing *Completes appropriate checklists, taxis the airplane back to parking and properly secures*			

Stage 1, Phase 5: Solo Flight

Phase 5 **Progress Stage 1 Check*- Oral*

Desired outcome for all tasks for the Progress Check is "Explain"	Instruction Given	Describe	Explain
Regulations applicable to student pilots (Part 61,Part 91)			
Appropriate logbook and certificate endorsements			
Student pilot limitations			
Safety procedures and practices			
Certificates and documents			
Systems			
Airworthiness requirements			
Weight and balance			
Performance and limitations			
Wind shear awareness and recovery procedures			
Wake turbulence avoidance			

Phase 5 **Progress Stage 1 Check*- Flight*

Desired outcome for all tasks for the Progress Check is "Perform" or "Manage/Decide"	Practice	Perform	Manage/ Decide
Single-pilot resource management (SRM) *Utilizes all resources available to ensure the successful completion of the flight*			
Task management *Prioritizes and selects the most appropriate tasks*			
Risk management *Manages and mitigates risks*			
Situational awareness *Maintains an accurate perception and understanding of surrounding factors and flight conditions*			
Preflight procedures			
Preflight inspection *Performs a safe preflight inspection without assistance*			
Weight and balance *Calculates weight and CG for takeoff and landing*			
Performance charts *Computes takeoff and landing performance*			
Checklist usage *Utilizes checklists as a habit, verifies checklist if done from memory*			
Radio communications *Performs effective radio communications without assistance*			
Runway incursion avoidance *Uses best procedures for operation planning and maintaining situational awareness during taxi*			
Crosswind taxi *Corrects as necessary*			
In-flight			
Normal/crosswind takeoff and climb *Maintains takeoff power and V_Y (+10/-5 knots)*			
Use of trim *Uses trim as appropriate, applies after setting desired pitch and power*			
Collision avoidance *Maintains situational awareness in relation to traffic in the area*			

Phase 5 ****Progress Stage 1 Check**- Flight* **continued**

Maneuvering during slow flight *Maintains altitude (+/- 150 feet), heading (+/- 10°), airspeed (+10/-0 knots), bank (+/- 10°)*			
Stall *Recognizes and recovers promptly by simultaneously reducing the angle of attack and increasing power*			
Spin awareness and recovery procedures *Knows procedures for avoidance and recovery from unintentional spins*			
Basic instrument maneuvers (IR) *Maintains altitude (+/- 200 feet), heading (+/- 15°), airspeed (+/- 10 knots)*			
GPS (direct-to /nearest airport functions) (IR) (if installed) *Can operate the GPS without assistance*			
180° turn (IR) *Maintains altitude (+/- 200 feet), heading (+/- 15°), airspeed (+/- 10 knots)*			
Emergency operations *Applies memory items as necessary, confirms actions with checklist, analyzes and mitigates risks*			
Ground reference maneuver *Maintains altitude (+/- 150 feet), airspeed (+/- 10 knots)*			
Traffic patterns *Maintains altitude (+/- 150 feet), airspeed (+/- 10 knots)*			
Go around/rejected landing *Makes a timely decision to discontinue the approach to landing, applies takeoff power immediately and transitions to climb pitch attitude for V_Y and maintains V_Y +10/-5 knots*			
Normal/crosswind approach and landing *Consistently and safely controls the airplane using proper wind correction techniques*			
Postflight procedures			
After landing, parking and securing *Taxis, parks and secures the airplane without assistance*			

Stage 2, Phase 7: Flying Cross-Country

Phase 7 **Progress Stage 2 Check*- Oral*

Desired outcome for all tasks for the Progress Check is "Explain"	Instruction Given	Describe	Explain
Review assigned cross-country flight planning			
Appropriate logbook and certificate endorsements			
FAA flight plans			
Airspace			
Weather			
Lost procedures			
System and equipment malfunctions			
Runway incursion avoidance			

Phase 7 **Progress Stage 2 Check*- Flight*

Desired outcome for all tasks for the Progress Check is "Perform" or "Manage/Decide"	Practice	Perform	Manage/ Decide
Single-pilot resource management *Utilizes all resources available to ensure the successful completion of the flight*			
Preflight procedures			
Route selection *Selects safe routing free of obstructions and hazardous weather*			
Flight publications and currency *Utilizes current flight publications such as Sectional and/or TAC charts, Chart Supplement, NOTAMS and other time-sensitive navigation tools*			
Obtaining a weather briefing *Obtains an appropriate weather briefing from an FAA approved source*			
Cross-country flight planning and performance *Utilizes performance charts and completes planning for route*			
Emergency equipment and survival gear *Identifies appropriate emergency equipment that should be on board*			
Weight and balance *Performs correct weight and balance calculations*			
In-flight			
Cross-country navigation log *Completes and utilizes a navigation log*			
Cockpit management *Cockpit is organized and resources are accessible to pilot*			
Power settings and mixture control *Sets appropriate power settings and utilizes correct procedures for leaning mixture*			
Opening flight plans *Opens FAA flight plan*			
VFR flight following *Utilizes VFR radar services as available*			
Pilotage *Maintains altitude (+/- 200 feet), headings (+/- 15°)*			
Dead reckoning *Maintains altitude (+/- 200 feet), headings (+/- 15°) including magnetic compass use*			
Navigation systems and radar services *Maintains altitude (+/- 200 feet), headings (+/- 15°)*			

Phase 7 **Progress Stage 2 Check*- Flight* continued

Using the federal airway system *(as applicable)* *Can properly utilize the federal airway system*			
Diversion to an alternate *(done to completion at least once)* *Maintains altitude (+/- 200 feet), headings (+/- 20°)*			
Lost procedures *Follows the recommended procedures, confirms position*			
Emergency operations *Follows manufacturer-recommended procedures promptly using a checklist to confirm any memory items*			
System and equipment malfunctions *Recognizes and responds to the malfunction using sound decision-making skills and follows recommended procedures*			
Emergency communications and ATC resources *Demonstrates the ability to contact ATC resources for in-flight emergency assistance and radar services*			
In-flight weather resources *Utilizes weather resources in-flight for the most current weather information*			
Postflight procedures			
Closing flight plans *Closes FAA flight plan*			

Phase 10 **Progress Stage 3 Check*- Flight*

***** *All items to be graded independently by the instructor and customer, then discussed and a final grade assessed.* *Desired outcome for all tasks for the Progress Check is "Perform" or "Manage/Decide"*	Practice	Perform	Manage/ Decide
Single-pilot resource management - *Evaluated during all phases flight (including of pre-and postflight)*			
Task management *Airman certification standards*			
Risk management *Airman certification standards*			
Situational awareness *Airman certification standards*			
Aeronautical decision making *Airman certification standards*			
Controlled flight into terrain awareness *Airman certification standards*			
Automation management *Airman certification standards*			
Preflight preparation			
Certificates and documents *Airman certification standards*			
Airworthiness requirements *Airman certification standards*			
Weather information *Airman certification standards*			
Cross-country flight planning *Airman certification standards*			
National airspace system *Airman certification standards*			
Performance and limitations *Airman certification standards*			
Operation of systems *Airman certification standards*			
Aeromedical factors *Airman certification standards*			
Principles of flight ***[Sport Pilot]*** *Practical test standards*			
Preflight procedures			
Preflight inspection *Airman certification standards*			
Cockpit management *Airman certification standards*			
Engine starting *Airman certification standards*			
Taxiing *Airman certification standards*			
Runway incursion avoidance *Airman certification standards*			
Before takeoff check *Airman certification standards*			

Phase 10 **Progress Stage 3 Check*- Flight* continued

Airport operations			
Radio communications *Airman certification standards*			
ATC light signals ***[Private Pilot]*** *Airman certification standards*			
Traffic patterns *Airman certification standards*			
Runway & taxiway signs, markings and lighting *Airman certification standards*			
Takeoffs, landings, and go-arounds			
Normal and crosswind takeoff and climb *Airman certification standards*			
Normal and crosswind approach and landing *Airman certification standards*			
Soft-field takeoff and climb *Airman certification standards*			
Soft-field approach and landing *Airman certification standards*			
Short-field takeoff and climb *Airman certification standards*			
Short-field approach and landing *Airman certification standards*			
Forward slip to a landing *Airman certification standards*			
Go-around/rejected landing *Airman certification standards*			
Performance maneuvers			
Steep turns *Airman certification standards*			
Ground reference maneuvers			
Rectangular course *Airman certification standards*			
S-turns *Airman certification standards*			
Turns around a point *Airman certification standards*			
Navigation			
Pilotage and dead reckoning *Airman certification standards except maintains appropriate altitude +/- 100 feet*			
Navigation systems and radar services *Airman certification standards except maintains appropriate altitude +/- 100 feet*			
Diversion *Airman certification standards except maintains appropriate altitude +/- 100 feet*			
Lost procedures *Airman certification standards*			
Slow flight & stalls			
Maneuvering during slow flight *Airman certification standards*			
Power-off stalls *Airman certification standards*			

Phase 10 **Progress Stage 3 Check*- Flight* continued

Power-on stalls *Airman certification standards*			
Spin awareness *Airman certification standards*			
Basic instrument maneuvers *[Private Pilot]*			
Straight-and-level flight (IR) *Airman certification standards*			
Constant airspeed climbs (IR) *Airman certification standards*			
Constant airspeed descents (IR) *Airman certification standards*			
Turns to headings (IR) *Airman certification standards*			
Recovery from unusual flight attitudes (IR) *Airman certification standards*			
Radio communications, navigation systems/facilities, and radar services (IR) *Airman certification standards except maintains heading +/- 10°*			
Emergency operations			
Emergency descent *Airman certification standards*			
Emergency approach and landing *Airman certification standards*			
Systems and equipment malfunctions *Airman certification standards*			
Emergency equipment and survival gear *Airman certification standards*			
Night operation *[Private Pilot]*			
Night preparation *Airman certification standards*			
Postflight procedures			
After landing, parking and securing *Airman certification standards*			