

Stage 3, Phase 10: Preparing for Your Practical Test

Phase 10 Ground Training Checklist

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|--|-------------------|----------|---------|
| <p>*All items to be graded independently by the instructor and customer, then discussed and a final grade assessed.</p> <p><i>Desired outcome for all tasks by the end of the phase is "Explain"</i></p> | Instruction Given | Describe | Explain |
| Preparation for the practical test | | | |

Phase 10 Proficiency Checklist

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|---|----------|---------|---------------|
| <p>*All items to be graded independently by the instructor and customer, then discussed and a final grade assessed.</p> <p><i>Desired outcome for all tasks by the end of the phase is "Perform" or "Manage/Decide"</i></p> | Practice | Perform | Manage/Decide |
| <p>*Progress Check* Satisfactorily pass the *Progress Check*</p> | | | |
| <p>Single-pilot resource management - Evaluated during all phases flight (including of pre-and postflight)</p> | | | |
| <p>Task management <i>Prioritizes and selects the most appropriate tasks</i></p> | | | |
| <p>Risk management <i>Maintains situational awareness, problem recognition and good judgment to reduce associated risks</i></p> | | | |
| <p>Situational awareness <i>Maintains an accurate perception and understanding of surrounding factors and flight conditions</i></p> | | | |
| <p>Aeronautical decision making <i>Uses a systematic approach to consistently determine the best course of action for the circumstances</i></p> | | | |
| <p>Controlled flight into terrain awareness <i>Demonstrates awareness of relation to obstacles and terrain through all phases of flight</i></p> | | | |
| <p>Automation management <i>Demonstrates ability to understand and operate (or) when not to use the automated systems including GPS and autopilot, if installed</i></p> | | | |
| <p>Preflight preparation</p> | | | |
| <p>Certificates and documents <i>Practical test standards</i></p> | | | |
| <p>Airworthiness requirements <i>Practical test standards</i></p> | | | |
| <p>Weather information <i>Practical test standards</i></p> | | | |
| <p>Cross-country flight planning <i>Practical test standards</i></p> | | | |
| <p>National airspace system <i>Practical test standards</i></p> | | | |
| <p>Performance and limitations <i>Practical test standards</i></p> | | | |
| <p>Operation of systems <i>Practical test standards</i></p> | | | |
| <p>Aeromedical factors <i>Practical test standards</i></p> | | | |
| <p>Principles of flight [Sport Pilot PTS] <i>Practical test standards</i></p> | | | |

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| Preflight procedures | | | |
| Preflight inspection <i>Practical test standards</i> | | | |
| Cockpit management <i>Practical test standards</i> | | | |
| Engine starting <i>Practical test standards</i> | | | |
| Taxiing <i>Practical test standards</i> | | | |
| Before takeoff check <i>Practical test standards</i> | | | |
| Airport operations | | | |
| Radio communications <i>Practical test standards</i> | | | |
| ATC light signals [Private Pilot PTS] <i>Practical test standards</i> | | | |
| Traffic patterns <i>Maintains traffic pattern altitude (+/- 100 feet), airspeed (+/- 10 knots)</i> | | | |
| Runway & taxiway signs, markings and lighting <i>Practical test standards</i> | | | |
| Takeoffs, landings, and go-arounds | | | |
| Normal and crosswind takeoff and climb <i>Maintains takeoff power and V_y (+10/-5 knots)</i> | | | |
| Normal and crosswind approach and landing <i>Stabilized approach (+10/-5 knots), touches down at or within 400 feet</i> | | | |
| Soft-field takeoff and climb <i>Maintains takeoff power, V_x or V_y as appropriate (+10/-5 knots)</i> | | | |
| Soft-field approach and landing <i>Recommended airspeed or $1.3 V_{SO}$ (+/- 10 knots)</i> | | | |
| Short-field takeoff and climb <i>Pitch attitude: V_x (+10/-5 knots) then V_y (+10/-5 knots)</i> | | | |
| Short-field approach and landing <i>Stabilized approach (+10/-5 knots), touches down at or within 200 feet</i> | | | |
| Forward slip to a landing <i>Touches down at approximate stalling speed at or within 400 feet</i> | | | |
| Go-around/rejected landing <i>Maintains takeoff power, V_y (+10/-5 knots)</i> | | | |
| Performance maneuvers | | | |
| Steep turns <i>Maintains altitude (+/- 100 feet), heading (+/- 10°), airspeed (+/- 10 knots), bank (+/- 5°)</i> | | | |
| Ground reference maneuvers | | | |
| Rectangular course <i>Maintains altitude (+/- 100 feet), airspeed (+/- 10 knots)</i> | | | |
| S-turns <i>Maintains altitude (+/- 100 feet), airspeed (+/- 10 knots)</i> | | | |
| Turns around a point <i>Maintains altitude (+/- 100 feet), airspeed (+/- 10 knots)</i> | | | |

Stage 3, Phase 10: Preparing for Your Practical Test

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| Navigation | | | |
| Pilotage and dead reckoning <i>Maintains altitude (+/- 100 feet), headings (+/- 15°)</i> | | | |
| Navigation systems and radar services <i>Maintains altitude (+/- 100 feet), headings (+/- 15°)</i> | | | |
| Diversion <i>Maintains altitude (+/- 100 feet), headings (+/- 15°)</i> | | | |
| Lost procedures <i>Practical test standards</i> | | | |
| Slow flight & stalls | | | |
| Maneuvering during slow flight <i>Maintains altitude (+/- 100 feet), heading (+/- 10°), airspeed (+10/-0 knots), bank (+/- 10°)</i> | | | |
| Power-off stalls <i>Maintains heading (+/- 10°) in straight flight – not to exceed 20° in turn (+/- 10° bank)</i> | | | |
| Power-on stalls <i>Maintains heading (+/- 10°) in straight flight – not to exceed 20° in turn (+/- 10° bank)</i> | | | |
| Spin awareness <i>Practical test standards</i> | | | |
| Basic instrument maneuvers [Private Pilot PTS] | | | |
| Straight-and-level flight (IR) <i>Maintains altitude (+/- 200 feet), heading (+/- 20°), airspeed (+/- 10 knots)</i> | | | |
| Constant airspeed climbs (IR) <i>Levels off at altitude (+/- 200 feet), heading (+/- 20°), airspeed (+/- 10 knots)</i> | | | |
| Constant airspeed descents (IR) <i>Levels off at altitude (+/- 200 feet), heading (+/- 20°), airspeed (+/- 10 knots)</i> | | | |
| Turns to headings (IR) <i>Maintains altitude (+/- 200 feet), heading (+/- 10°), Airspeed (+/- 10 knots)</i> | | | |
| Recovery from unusual flight attitudes (IR) <i>Practical test standards</i> | | | |
| Radio communications, navigation systems/facilities, and radar services (IR) <i>Maintains altitude (+/- 200 feet), heading (+/- 10°), airspeed (+/- 10 knots)</i> | | | |
| Emergency operations | | | |
| Emergency approach and landing <i>Maintains best glide airspeed (+/- 10 knots)</i> | | | |
| Systems and equipment malfunctions <i>Practical test standards</i> | | | |
| Emergency equipment and survival gear <i>Practical test standards</i> | | | |
| Night operation [Private Pilot PTS] | | | |
| Night preparation <i>Practical test standards</i> | | | |
| Postflight procedures | | | |
| After landing, parking and securing <i>Practical test standards</i> | | | |

Stage 3, Phase 10: Preparing for Your Practical Test

Phase 10 *Progress Check*- Flight

| <p>*All items to be graded independently by the instructor and customer, then discussed and a final grade assessed.</p> <p>Desired outcome for all tasks for the Progress Check is “Perform” or “Manage/Decide”</p> | Practice | Perform | Manage/Decide |
|---|----------|---------|---------------|
| Single-pilot resource management - Evaluated during all phases flight (including of pre-and postflight) | | | |
| <p>Task management <i>Prioritizes and selects the most appropriate tasks</i></p> | | | |
| <p>Risk management <i>Maintains situational awareness, problem recognition and good judgment to reduce associated risks</i></p> | | | |
| <p>Situational awareness <i>Maintains an accurate perception and understanding of surrounding factors and flight conditions</i></p> | | | |
| <p>Aeronautical decision making <i>Uses a systematic approach to consistently determine the best course of action for the circumstances</i></p> | | | |
| <p>Controlled flight into terrain awareness <i>Demonstrates awareness of relation to obstacles and terrain through all phases of flight</i></p> | | | |
| <p>Automation management <i>Demonstrates ability to understand and operate (or) when not to use the automated systems including GPS and autopilot, if installed.</i></p> | | | |
| Preflight preparation | | | |
| <p>Certificates and documents <i>Practical test standards</i></p> | | | |
| <p>Airworthiness requirements <i>Practical test standards</i></p> | | | |
| <p>Weather information <i>Practical test standards</i></p> | | | |
| <p>Cross-country flight planning <i>Practical test standards</i></p> | | | |
| <p>National airspace system <i>Practical test standards</i></p> | | | |
| <p>Performance and limitations <i>Practical test standards</i></p> | | | |
| <p>Operation of systems <i>Practical test standards</i></p> | | | |
| <p>Aeromedical factors <i>Practical test standards</i></p> | | | |
| <p>Principles of flight [Sport Pilot PTS] <i>Practical test standards</i></p> | | | |
| Preflight procedures | | | |
| <p>Preflight inspection <i>Practical test standards</i></p> | | | |
| <p>Cockpit management <i>Practical test standards</i></p> | | | |
| <p>Engine starting <i>Practical test standards</i></p> | | | |
| <p>Taxiing <i>Practical test standards</i></p> | | | |
| <p>Before takeoff check <i>Practical test standards</i></p> | | | |

Stage 3, Phase 10: Preparing for Your Practical Test

Phase 10 *Progress Check*- Flight continued

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|--|--|--|--|
| Airport operations | | | |
| Radio communications <i>Practical test standards</i> | | | |
| ATC light signals [<i>Private Pilot PTS</i>] <i>Practical test standards</i> | | | |
| Traffic patterns <i>Maintains traffic pattern altitude (+/- 100'), airspeed (+/- 10 knots)</i> | | | |
| Runway & taxiway signs, markings and lighting <i>Practical test standards</i> | | | |
| Takeoffs, landings, and go-arounds | | | |
| Normal and crosswind takeoff and climb <i>Maintains takeoff power and V_Y (+10/-5 knots)</i> | | | |
| Normal and crosswind approach and landing <i>Stabilized approach (+10/-5 knots), touches down at or within 400 feet</i> | | | |
| Soft-field takeoff and climb <i>Maintains takeoff power, V_X or V_Y as appropriate (+10/-5 knots)</i> | | | |
| Soft-field approach and landing <i>Recommended airspeed or $1.3 V_{SO}$ (+/- 10 knots)</i> | | | |
| Short-field takeoff and climb <i>Pitch attitude: V_X (+10/-5 knots) then V_Y (+10/-5 knots)</i> | | | |
| Short-field approach and landing <i>Stabilized approach (+10/-5 knots), touches down at or within 200 feet</i> | | | |
| Forward slip to a landing <i>Touches down at approximate stalling speed at or within 400 feet</i> | | | |
| Go-around/rejected landing <i>Maintains takeoff power, V_Y (+10/-5 knots)</i> | | | |
| Performance maneuvers | | | |
| Steep turns <i>Maintains altitude (+/- 100 feet), heading (+/- 10°), airspeed (+/- 10 knots), bank (+/- 5°)</i> | | | |
| Ground reference maneuvers | | | |
| Rectangular course <i>Maintains altitude (+/- 100 feet), airspeed (+/- 10 knots)</i> | | | |
| S-turns <i>Maintains altitude (+/- 100 feet), airspeed (+/- 10 knots)</i> | | | |
| Turns around a point <i>Maintains altitude (+/- 100 feet), airspeed (+/- 10 knots)</i> | | | |
| Navigation | | | |
| Pilotage and dead reckoning <i>Maintains altitude (+/- 100 feet), headings (+/- 15°)</i> | | | |
| Navigation systems and radar services <i>Maintains altitude (+/- 100 feet), headings (+/- 15°)</i> | | | |
| Diversion <i>Maintains altitude (+/- 100 feet), headings (+/- 15°)</i> | | | |
| Lost procedures <i>Practical test standards</i> | | | |
| Slow flight & stalls | | | |
| Maneuvering during slow flight <i>Maintains altitude (+/- 100 feet), heading (+/- 10°), airspeed (+10/-0 knots), bank (+/- 10°)</i> | | | |
| Power-off stalls <i>Maintains heading (+/- 10°) in straight flight – not to exceed 20° in turn (+/- 10° bank)</i> | | | |

Stage 3, Phase 10: Preparing for Your Practical Test

Phase 10 *Progress Check*- Flight continued

| | | | |
|--|--|--|--|
| Power-on stalls <i>Maintains heading (+/- 10°) in straight flight – not to exceed 20° in turn (+/- 10° bank)</i> | | | |
| Spin awareness <i>Practical test standards</i> | | | |
| Basic instrument maneuvers [Private Pilot PTS] | | | |
| Straight-and-level flight (IR) <i>Maintains altitude (+/- 200 feet), heading (+/- 20°), airspeed (+/- 10 knots)</i> | | | |
| Constant airspeed climbs (IR) <i>Levels off at altitude (+/- 200 feet), heading (+/- 20°), airspeed (+/- 10 knots)</i> | | | |
| Constant airspeed descents (IR) <i>Levels off at altitude (+/- 200 feet), heading (+/- 20°), airspeed (+/- 10 knots)</i> | | | |
| Turns to headings (IR) <i>Maintains altitude (+/- 200 feet), heading (+/- 10°), airspeed (+/- 10 knots)</i> | | | |
| Recovery from unusual flight attitudes (IR) <i>Practical test standards</i> | | | |
| Radio communications, navigation systems/facilities, and radar services (IR) <i>Maintains altitude (+/- 200 feet), heading (+/- 10°), airspeed (+/- 10 knots)</i> | | | |
| Emergency operations | | | |
| Emergency approach and landing <i>Maintains best glide airspeed (+/- 10 knots)</i> | | | |
| Systems and equipment malfunctions <i>Practical test standards</i> | | | |
| Emergency equipment and survival gear <i>Practical test standards</i> | | | |
| Night operation [Private Pilot PTS] | | | |
| Night preparation <i>Practical test standards</i> | | | |
| Postflight procedures | | | |
| After landing, parking and securing <i>Practical test standards</i> | | | |