

INSTRUMENT RATING PROGRESS CHECK 1 Attitude Instrument Flight and Instrument Navigation

<p>Completion Standards: The student will show the knowledge and proficiency required by the instrument rating practical test standards as described in this document. Any violation of safety, FAR, Ahart policies or aircraft limitations will result in failure of this progress check</p>	<p>Student: _____</p> <p>Instructor: _____</p> <p>Check Pilot: _____</p> <p>Date: _____</p>
<p>Overall Grade: _____</p> <p>Note = All flight maneuvers should be performed in simulated instrument conditions</p>	<div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p>Grading: E – Exceeded PTS Standards M – Met PTS Standards B – Below PTS Standards N – Not Tested</p> </div>

ORAL 1.5 Hours

- _____ Certificates, Documents

- _____ Aircraft Log books and Maintenance Requirements

- _____ IFR Equipment Requirements

- _____ Aircraft Limitations/Performance/Weight & Balance

- _____ Pitot-Static System, Instruments and Failures

- _____ Gyroscopic Principles and Errors/Failures

- _____ Vacuum System, Instruments and Failures

- _____ Electrical System, Instruments and Failures

_____ Magnetic Compass Principles and Errors

_____ Sensory Illusions and Aeromedical Factors

_____ VOR principles and Navigation

_____ DME Principles and Navigation

_____ ADF Principles and Navigation

_____ ILS, Localizer and Back Course Principles and Navigation

FLIGHT 2.0 Hours

Note: All in-flight maneuvers tested must be performed in simulated instrument conditions

_____ Preflight/Startup/Taxi/Run-up

_____ Instrument checks during Taxi Operations

_____ Instrument Takeoff

_____ Constant Airspeed and Constant Rate Climbs (+/- 100 feet per minute)

_____ Level-Off/Straight and Level flight (+/- 100 Feet)

_____ Turns to a Heading (+/- 10 degrees, Bank angle +/- 5 degrees)

_____ Steep Turns (+/- 10 degrees)

_____ Compass Turns (+/- 10 degrees)

_____ Timed Turns (+/- 10 degrees)

_____ Stalls/Spin Awareness and Recovery

_____ Slow Flight (+/- 10 degrees, +/- 100 feet)

_____ Power-Off Stalls (Approach Stall) (+/- 10 degrees, +/- 100 feet)

_____ Power-On Stalls (Departure Stall) (+/- 10 degrees, +/- 100 feet)

_____ Unusual Attitudes

_____ VOR Orientation, Interception, Tracking (less than $\frac{3}{4}$ deflection)

_____ NDB Orientation, Interception, Tracking (if applicable) (within 10 degrees)

_____ Localizer Interception, Tracking (less than $\frac{3}{4}$ deflection)

_____ Localizer Back Course Interception, Tracking (less than $\frac{3}{4}$ deflection)

_____ Constant Airspeed and Constant Rate Descents (+/- 100 feet per minute)

GENERAL

_____ Checklist Use

_____ Instrument Scan

_____ Cockpit Management

_____ Emergency Procedures

_____ Systems Malfunctions

_____ Radio Procedures

_____ Judgment and Decision-Making

Chief Pilot Signature

Date