

**Area of Operation I. Fundamentals of Instructing**

Task A. Effects of Human Behavior and Communication on the Learning Process

Task B. Learning Process

Task C. Course Development, Lesson Plans, and Classroom Training Techniques

Task D. Student Evaluation, Assessment, and Testing

Task E. Elements of Effective Teaching in a Professional Environment

Task F. Elements of Effective Teaching that Include Risk Management and Accident Prevention

**Area of Operation II. Technical Subject Areas**

Task A. Human Factors

Task B. Visual Scanning and Collision Avoidance

Task C. Runway Incursion Avoidance

Task D. Principles of Flight

Task E. Aircraft Flight Controls and Operation of Systems

Task F. Performance and Limitations

Task G. National Airspace System

Task H. Navigation Systems and Radar Services

Task I. Navigation and Cross-Country Flight Planning

Task J. 14 CFR and Publications

Task K. Endorsements and Logbook Entries

Task M. Night Operations

Task N. High Altitude Operations - Supplemental Oxygen

Task O. High Altitude Operations - Pressurization

**Area of Operation III. Preflight Preparation**

Task A. Pilot Qualifications

Task B. Airworthiness Requirements

Task C. Weather Information

**Area of Operation IV. Preflight Lesson on a Maneuver to be Performed in Flight**

Task A. Maneuver Lesson

**Area of Operation V. Preflight Procedures**

Task A. Preflight Assessment

Task B. Flight Deck Management

Task C. Engine Starting

Task D. Taxiing, Airport Signs, and Lighting (ASEL, AMEL)

Task F. Before Takeoff Check

**Area of Operation VI. Airport and Seaplane Base Operations**

Task A. Communications, Light Signals, and Runway Lighting Systems

Task B. Traffic Patterns

**Area of Operation VII. Takeoffs, Landings, and Go-Arounds**

Task A. Normal Takeoff and Climb

Task B. Normal Approach and Landing

Task C. Soft-Field Takeoff and Climb (ASEL)

Task D. Soft-Field Approach and Landing (ASEL)

Task E. Short-Field Takeoff and Maximum Performance Climb (ASEL, AMEL)

Task F. Short-Field Approach and Landing (ASEL, AMEL)

Task M. Slip to a Landing (ASEL, ASES)

Task N. Go-Around/Rejected Landing

Task O. Power-Off 180° Accuracy Approach and Landing (ASEL, ASES)

**Area of Operation VIII. Fundamentals of Flight**

Task A. Straight-and-Level Flight

Task B. Level Turns

Task C. Straight Climbs and Climbing Turns

Task D. Straight Descents and Descending Turns

**Area of Operation IX. Performance and Ground Reference Maneuvers**

Task A. Steep Turns

Task B. Steep Spiral (ASEL, ASES)

Task C. Chandelles (ASEL, ASES)

Task D. Lazy Eights (ASEL, ASES)

Task E. Ground Reference Maneuvers

Task F. Eights on Pylons (ASEL, ASES)

**Area of Operation X. Slow flight, Stalls, and Spins**

Task A. Maneuvering During Slow Flight

Task B. Demonstration of Flight Characteristics at Various Configurations and Airspeeds (ASEL and ASES)

Task C. Power-Off Stalls

Task D. Power-On Stalls

Task E. Accelerated Stalls

Task F. Cross-Controlled Stall Demonstration (ASEL, ASES)

Task G. Elevator Trim Stall Demonstration (ASEL, ASES)

Task H. Secondary Stall Demonstration (ASEL, ASES)

Task I. Spin Awareness and Spins

**Area of Operation XI. Basic Instrument Maneuvers**

Task A. Straight-and-Level Flight

Task B. Constant Airspeed Climbs

Task C. Constant Airspeed Descents

Task D. Turns to Headings

Task E. Recovery from Unusual Flight Attitudes

**Area of Operation XII. Emergency Operations**

Task A. Emergency Descent

Task B. Emergency Approach and Landing (Simulated) (ASEL, ASES)

Task C. Systems and Equipment Malfunctions

Task D. Emergency Equipment and Survival Gear

**CFII**

**II. TECHNICAL SUBJECT AREAS**

A. Aircraft Flight Instruments and Navigation Equipment

B. Aeromedical Factors

C. Regulations and Publications Related to IFR Operations

D. Logbook Entries Related to Instrument Instruction

### **III. PREFLIGHT PREPARATION**

A. Weather Information

B. Cross-Country Flight Planning

C. Instrument Flight deck Check

### **IV. PREFLIGHT LESSON ON A MANEUVER TO BE PERFORMED IN FLIGHT**

A. Maneuver Lesson

### **V. AIR TRAFFIC CONTROL CLEARANCES AND PROCEDURES**

A. Air Traffic Control Clearances

B. Compliance With Departure, En Route, and Arrival Procedures and Clearances

### **VI. FLIGHT BY REFERENCE TO INSTRUMENTS**

A. Straight-and-Level Flight

B. Turns

C. Change of Airspeed in Straight-and-Level and Turning Flight

D. Constant Airspeed Climbs and Descents

E. Constant Rate Climbs and Descents

F. Timed Turns to Magnetic Compass Headings

G. Steep Turns

H. Recovery From Unusual Flight Attitudes

### **VII. NAVIGATION AIDS**

A. Intercepting and Tracking Navigational Systems and DME Arcs

B. Holding Procedures

### **VIII. INSTRUMENT APPROACH PROCEDURES**

A. Nonprecision Instrument Approach

B. Precision Instrument Approach

C. Missed Approach

D. Circling Approach (Airplane)

E. Landing From a Straight-In Approach

### **IX. EMERGENCY OPERATIONS**

A. Loss of Communications

B. Approach With Loss of Primary Flight Instrument Indicators

### **X. POSTFLIGHT PROCEDURES**

A. Checking Instruments and Equipment