



CERTIFIED FLIGHT INSTRUCTOR LESSON PLANS

118 INDIVIDUAL LESSON PLANS COVERING:
FOI, CFI-A, CFI-I & MEI

FUNDAMENTALS OF INSTRUCTION (10 Total)

- Assessment & Critique
- Critique & Evaluation
- Human Behavior & Effective Communication
- Instructor Responsibilities & Professionalism
- Planning Instructional Activity
- Risk Management
- Teaching Methods
- Techniques of Flight Instruction
- The Learning Process
- The Teaching Process

CERTIFIED FLIGHT INSTRUCTOR – AIRPLANE (65 Total)

TECHNICAL SUBJECTS

- 14 CFR & Publications
- Aeromedical Factors
- Airplane Flight Controls
- Airplane Weight and Balance
- Fixed Pitch & Constant Speed-Variable Pitch Propellers
- Forces of Flight and Maneuvers (No longer in PTS)
- High Altitude Operations
- Logbook Entries and Certificate Endorsements
- National Airspace System
- Navigation and Flight Planning
- Navigation Systems and Radar Services
- Night Operations
- Principles of Flight
- Runway Incursion Avoidance
- Visual Scanning & Collision Avoidance

PRE-FLIGHT PREPARATION

- Airworthiness Requirements - FARS
- Airworthiness Requirements - FARS
- Certificates and Documents
- Performance and Limitations
- Systems Operations
- Weather Information
- Weather Reports and Charts (Additional Info to Weather Info)

PRE-FLIGHT PROCEDURES

- Before Takeoff Check
- Cockpit Management
- Engine Starting
- Preflight Inspection
- Taxiing

AIRPORT OPERATIONS

- Airport, Runway and Taxiway Signs, Markings, and Lighting
- Traffic Pattern
- Radio Communications and ATC Light Signals

TAKEOFFS, LANDINGS, & GO-AROUNDS

- Go Around-Rejected Landing
- Normal and Crosswind Approach and Landing
- Normal and Crosswind Takeoff and Climb
- Power-Off 180 Accuracy Approach and Landing
- Short-Field Approach and Landing
- Slip to a Landing
- Soft-Field Approach and Landing
- Soft-Field Takeoff and Climb

FUNDAMENTALS OF FLIGHT

- Level Turns
- Straight and Level Flight
- Straight Climbs and Climbing Turns
- Straight Descents and Descending Turns

PERFORMANCE MANEUVERS

- Chandelles
- Steep Spirals
- Lazy Eights
- Steep Turns

GROUND REFERENCE MANEUVERS

- Eights on Pylons
- S-Turns Across a Road
- Rectangular Course
- Turns Around a Point

SLOW FLIGHT, STALLS & SPINS

- Accelerated Maneuver Stalls (Demonstration)
- Power-Off Stalls (Proficiency)
- Crossed-Control Stalls (Demonstration)
- Power-On Stalls (Proficiency)
- Elevator Trim Stalls (Demonstration)
- Secondary Stalls (Demonstration)
- Maneuvering During Slow Flight
- Spins

BASIC INSTRUMENT MANEUVERS

- Basic Attitude Instrument Flight (BAIF)
- Recovery from Unusual Flight Attitudes

EMERGENCY OPERATIONS

- Emergency Approach and Landing (Simulated)
- Emergency Equipment and Survival Gear
- Emergency Descent
- Systems and Equipment Malfunctions

POST-FLIGHT PROCEDURES

- Post-Flight Procedures

CERTIFIED FLIGHT INSTRUCTOR – INSTRUMENT (30 Total)

TECHNICAL SUBJECTS

- Aeromedical Factors
- Aircraft Flight Instruments and Navigation Equipment
- Logbook Entries Related to Instrument Instruction
- Regulations and Publications Related to IFR Operations

PRE-FLIGHT PREPARATION

- Cross-Country Flight Planning
- Instrument Cockpit Check
- Weather Information

ATC CLEARANCES & PROCEDURES

- Air Traffic Control Clearances
- Departure, En Route, Arrival Procedures & Clearances

FLIGHT BY REFERENCE TO INSTRUMENTS

- Basic Attitude Instrument Flight (BAIF)
- Change of Airspeed in Straight-and-Level and Turning Flight
- Constant Airspeed Climbs and Descents
- Constant Rate Climbs and Descents
- Recovery from Unusual Flight Attitudes
- Steep Turns
- Straight-And-Level Flight
- Timed Turns to Magnetic Compass Headings
- Turns

NAVIGATION SYSTEMS

- Holding Procedures
- Intercepting-Tracking Navigational Systems and DME Arcs

INSTRUMENT APPROACH PROCEDURES

- Circling Approach
- Landing from A Straight-In Approach
- Missed Approach
- Non-Precision Instrument Approach
- Precision Instrument Approach

EMERGENCY OPERATIONS

- Engine Failure During Straight-and-Level Flight and Turns
- Instrument Approach - One Engine Inoperative
- Loss of Communications
- Loss of Gyro Attitude and Heading Indications

POST-FLIGHT PROCEDURES

- Checking Instruments & Equipment

MULTI-ENGINE INSTRUCTOR (13 Total)

MULTI-ENGINE EMERGENCY OPERATIONS

- Approach & Landing with An Inoperative Engine
- Emergency Equipment and Survival Gear
- Engine Failure After Lift Off
- Engine Failure During Straight-and-Level Flight and Turns
- Engine Failure During Takeoff Before Vmc
- Instrument Approach - One Engine Inoperative
- Systems and Equipment Malfunctions
- Emergency Descent

MULTI-ENGINE OPERATIONS

- Flight Principles - Engine Inoperative
- Vmc Demonstration
- Maneuvering with One Engine Inoperative
- Performance and Limitations
- Systems Operations