



TRAINING COURSE OUTLINE

FLIGHT INSTRUCTOR - AIRPLANE SINGLE ENGINE

TEACHING BRIEFS

Bridgewater State University holds Pilot School Certificate No. **LY8S311Q**.

Bridgewater State University is an accredited four-year degree granting institution within the state of Massachusetts higher educational system. The base of operations/business address is 111 Harrington Hall, Bridgewater, MA 02325.

The lessons contained in this syllabus are used to develop instructional skill and knowledge for the CFI-A applicant. There is no minimum or maximum time required to complete a lesson. The CFI conducting the lesson shall determine when the CFI-A applicant has demonstrated a satisfactory level of knowledge, skill, and the ability impart that knowledge and skill to students of varying backgrounds and levels of experience and ability.



BRIDGEWATER
STATE UNIVERSITY



**TEACHING BRIEF 1
HUMAN BEHAVIOR AND COMMUNICATION**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on human behavior patterns, their recognition, and effective management techniques. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks..

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

Human Behavior

- ___ Student/Instructor Relationship
- ___ Human Behavior Patterns and Recognition
- ___ Hierarchy of Human Needs
- ___ Defense Mechanism Recognition and Management
- ___ Instructor Role in Relationships

Communication

- ___ Communication Skills
- ___ Communication Process
- ___ Barriers to Communication
- ___ Active Listening

COMPLETION STANDARDS

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 2A
THE LEARNING PROCESS I**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on learning theory and its application during flight training, including principles of learning and their individual importance in the learning process. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ The Learning Process
- ___ Learning Theory
- ___ Perceptions
- ___ Insight
- ___ Acquiring Knowledge
- ___ The Laws of Learning
- ___ Characteristics of Learning
- ___ Learning Styles
- ___ Acquiring Skill Knowledge
- ___ Types of Practice

COMPLETION STANDARDS

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 2B
THE LEARNING PROCESS II**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on learning theory and its application during flight training. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____
_____ Student Name / Signature / Student #	
_____ CFI Name / Signature / CFI # & EXP.	
_____ Briefing Time	

CONTENT:

- ___ Putting It All Together
- ___ Scenario-Based Training
- ___ Errors
- ___ Reducing Error
- ___ Motivation
- ___ Maintaining Motivation
- ___ Memory
- ___ Retention of Learning
- ___ Transfer of Learning

COMPLETION STANDARDS

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 3
THE TEACHING PROCESS**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on instructional organization, processes, and techniques. The student will demonstrate how to plan, organize, execute and evaluate ground and flight lessons. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks..

CONTENT:

Teaching Process

- Instructor Code of Conduct
- Preparation of a Lesson
- Presentation of a Lesson
- Organization of Material
- Training Delivery Methods
- Problem-based Learning
- E-Learning
- Cooperative/Group Learning
- Demonstration/Performance
- Drill and Practice Method
- Application of the Lesson
- Assessment of the Lesson
- Instructional Aids and Teaching

Instructional Example

- Maneuver To Be Performed In Flight

COMPLETION STANDARDS

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	



**TEACHING BRIEF 4
ASSESSMENT**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on assessment and critique principles, technique, and methods. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

Assessment

- ___ Assessment Terminology
- ___ Purpose of Assessment
- ___ Effective Assessment
- ___ Traditional Assessment
- ___ Authentic Assessment
- ___ Choosing an Effective Assessment Method
- ___ Critiques and Oral Assessments

COMPLETION STANDARDS

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 5
PLANNING INSTRUCTIONAL ACTIVITY**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

The student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on the planning of an instructional lesson. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____
_____ Student Name / Signature / Student #	
_____ CFI Name / Signature / CFI # & EXP.	
_____ Briefing Time	

CONTENT:

- ___ Course of Training
- ___ Blocks of Learning
- ___ Training Syllabus
- ___ Lesson Plans
- ___ Scenario-Based Training (SBT)
- ___ Single Pilot Resource Mgmt.

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



TEACHING BRIEF 6
CFI RESPONSIBILITIES AND PROFESSIONALISM

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

The student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on the characteristics and professional responsibilities and behavior of a Flight Instructor. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ Aviation Instructor Responsibilities
- ___ Flight Instructor Responsibilities
- ___ Aviator’s Model Code of Conduct
- ___ Safety Practices and Accident Prevention
- ___ Professionalism
- ___ Evaluation of Student Ability
- ___ CFIs and Exams
- ___ Professional Development

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 7
TECHNIQUES OF FLIGHT INSTRUCTION**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

The student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on the techniques of providing effective flight instruction. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ CFI Qualifications
- ___ Practical CFI Strategies
- ___ Obstacles to Learning During Flight Instruction
- ___ Demonstration-Performance Training Delivery Method
- ___ Positive Exchange of Flight Controls
- ___ Sterile Cockpit Rule
- ___ Proper and Safe Use of Distractions
- ___ Integrated Flight Instruction
- ___ Assessment of Piloting Ability
- ___ Aeronautical Decision Making
- ___ Factors Affecting Decision Making
- ___ Use of Resources

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 8
RISK MANAGEMENT**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

The student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on CFI responsibility for managing risk during flight instruction, and for instructing a student on effective risk management strategies and practices. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ Defining Risk Management
- ___ Risk Management Process
- ___ Level of Risk
- ___ Assessing Risk
- ___ Mitigating Risk
- ___ Three-P Model fo Pilots
- ___ Pilot Self-Assessment
- ___ Situational Awareness
- ___ Single-Pilot Resource Mgmt
- ___ Teaching Good Decision-Making Skills
- ___ Assessing SRM Skills

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



TEACHING BRIEF 9

USING AVAILABLE RESOURCES

RECOMMENDED SEQUENCE:

- 1. Lesson Introduction
- 2. Instructional Demonstration
- 3. Critique and Evaluation

LESSON OBJECTIVE:

The student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on the use of various resources for professional development and instructional delivery. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ NTSB Incident/Accident Database
- ___ FAASTeam Lessons Learned Library
- ___ AOPA Air Safety Institute
- ___ Society of Aviation and Flight Educators
- ___ Transportation Security Administration
- ___ Other Resources As Appropriate

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 10
AIRPLANE SYSTEMS**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

The student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on airplane systems as an element of preflight planning. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ Primary Flight Controls and Trim
- ___ Flaps, Leading Edge Devices, and Spoilers
- ___ Power plant and Propeller
- ___ Landing Gear
- ___ Fuel, Oil, and Hydraulic
- ___ Electrical
- ___ Avionics including AC 91-78 / Use of EFBs/Technology
- ___ Pitot/static, vacuum/pressure, and Associated instruments
- ___ Environmental
- ___ Deicing and Anti-Icing

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 11
PREFLIGHT INSPECTION AND POSTFLIGHT PROCEDURES**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

The student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on preflight and post-flight inspections as elements of preflight planning. The student will also address common student errors related to the listed tasks. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

CONTENT:

Preflight Inspection

- ___ Reasons for Preflight Inspection
- ___ Detecting Defects
- ___ Checklist Usage
- ___ Determining Fuel/Oil Quantity And Quality
- ___ Flight Control Inspection
- ___ Detecting Visible Structural Damage
- ___ Instrument and Avionics Check
- ___ Ice and Frost Removal
- ___ Proper Loading/Securing of Baggage, Cargo, and Passenger(s)

Post-flight Procedures

- ___ Parking Procedure
- ___ Engine Shutdown and Securing Cockpit
- ___ Deplaning Passengers
- ___ Securing the Airplane
- ___ Postflight Inspection

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	



**TEACHING BRIEF 12
PRINCIPLES OF FLIGHT**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on the principles of flight as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

Principles of Flight

- ___ Newton’s Contribution
- ___ Bernoulli’s Contribution
- ___ Four Forces Acting on an Aircraft
- ___ Lift Formula/Pilot Control of Lift
- ___ Airfoil Design
- ___ Turning Flight
- ___ Climbing and Descending
- ___ Changes in Airspeed
- ___ Stall Recognition & Recovery
(Imminent and Full)
- ___ Spins

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 13
WEIGHT AND BALANCE/PERFORMANCE**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on weight and balance and airplane performance calculations as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

Weight and Balance

- ___ Determining Weight and Balance
- ___ Use of Performance Charts
- ___ Effects of Exceeding Aircraft Limitations
- ___ CG Location
- ___ Stability
- ___ Factors Considered in Determining Required Performance is Within Aircraft Capabilities

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 14
FLIGHT PLANNING AND NAVIGATION**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on flight planning and navigation as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

Flight Planning and Navigation

- ___ Risk Management and Flight Planning
- ___ Route Selection & Alternatives
- ___ Required Information
- ___ Navigation Log
- ___ Navigational Systems and Equipment (includes VOR, NDB, DME, LORAN, GPS)
- ___ Pilotage and Dead Reckoning
- ___ Radar Services and Procedures

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 15
HUMAN FACTORS IN AVIATION**

RECOMMENDED SEQUENCE:

- 1. Lesson Introduction
- 2. Instructional Demonstration
- 3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on human factors in aviation as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

CONTENT:

- ___ CFR 14 Part 67, Medical Certification
- ___ Fitness for Flight
- ___ Alcohol, Drugs, FARs, and Performance
- ___ Fatigue and Stress
- ___ Hypoxia and its Prevention
- ___ Hyperventilation
- ___ Oxygen Requirements and Equipment
- ___ Eye Physiology
- ___ Visual Scanning
- ___ Blind Spots
- ___ Collision Avoidance
- ___ Ear Physiology
- ___ Spatial Disorientation
- ___ Illusions in Flight
- ___ Realistic Distractions
- ___ Carbon Monoxide Poisoning
- ___ Dehydration
- ___ Aeronautical Decision Making and Judgment

Night Operations

- ___ Preparation
- ___ Night Vision
- ___ Preflight Inspection
- ___ Flight Instruments
- ___ Visibility and Lighting

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	



**TEACHING BRIEF 16
AIRPORT OPERATIONS**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on airport operations as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

CONTENT:

- ___ UNICOM/CTAF/Tower/Ground Control Frequencies
- ___ Radio Communications
- ___ ATC Light Signals
- ___ Taxiway Markings and Lighting
- ___ Runway Markings and Lighting
- ___ AC 150-5340-1J
- ___ Other Airport Markings
- ___ Airport Signs and Lighting
- ___ Airport Beacons
- ___ Visual Approach Slope Indicator (VASI)
- ___ Precision Approach Path Indicator (PAPI)
- ___ Pilot Control of Lighting

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	



**TEACHING BRIEF 17
WEATHER ANALYSIS**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on aviation weather analysis. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ Atmosphere
- ___ Temperature
- ___ Pressure
- ___ Altitude
- ___ Air Density
- ___ Wind
- ___ Moisture
- ___ Stability
- ___ Cloud Types and Formation
- ___ Atmospheric Circulation
- ___ Air Masses and Fronts

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 18
AVIATION WEATHER SERVICES**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on aviation weather services and their sources as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	

CONTENT:

- ___ Importance of Obtaining a Preflight Weather Briefing
- ___ Obtaining Weather Information
- ___ Onboard Weather Data
- ___ Non-Aviation Sources
- ___ Textual Observations and Reports
- ___ Graphic Observations
- ___ Forecasts
- ___ Use of real-time Reports, Forecasts, Charts in Scenario-Based Training
- ___ In-Flight Weather Advisories
- ___ Recognizing Aviation Weather Hazards
- ___ Factors Considered in Making a Go/No-Go Decision

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.



**TEACHING BRIEF 19
FARS, NTSB, ENDORSEMENTS/LOGBOOKS**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on the Federal Aviation Regulations as they apply to instructor responsibilities for pilot logbooks and endorsements for certificates and ratings. The student will teach the following areas as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

CONTENT:

- ___ CFR Part 61, including Class and Duration of Medical Certificates
- ___ CFR Part 91
- ___ CFR Part 141
- ___ Required Logbook Entries
- ___ Required Student Pilot Certificate Endorsements
- ___ IACRA
- ___ Preparation of a Recommendation for an FAA Practical Test (including appropriate logbook entries for initial certification, additional pilot certification, additional aircraft qualification
- ___ Training Requirements for Issuance of a Private Pilot Certificate
- ___ Flight Instructor Records and Limitations
- ___ Flight Review
- ___ Instrument Proficiency Check

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	



**TEACHING BRIEF 20
AERONAUTICAL PUBLICATIONS/AIRWORTHINESS REQUIREMENTS**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on aeronautical publications and airworthiness requirements as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

CONTENT:

Publications

- ___ Airport/Facility Directory
- ___ NOTAMS
- ___ Advisory Circulars
- ___ Pilot’s Operating Handbook
- ___ Airplane Flight Manual
- ___ Aircraft Maintenance Logbook
- ___ FAR/AIM

Airworthiness Requirements

- ___ Inoperative Instruments or Equipment
- ___ Minimum Equipment List
- ___ Supplemental Type Certificate
- ___ Letter of Authorization
- ___ Special Flight Permit
- ___ Maintenance Programs

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	



**TEACHING BRIEF 21
AIRSPACE**

RECOMMENDED SEQUENCE:

1. Lesson Introduction
2. Instructional Demonstration
3. Critique and Evaluation

LESSON OBJECTIVE:

During this lesson the student will increase his/her instructional proficiency by role-playing as a CFI who is conducting a lesson on airspace as elements of pre-flight planning and preparation. The CFI-applicant will also address common Instructor errors related to teaching of the listed tasks.

Airspace

- ___ Basic VFR weather minimums for all Classes of airspace
- ___ Controlled Airspace
- ___ Uncontrolled Airspace
- ___ Other Airspace
- ___ Special Use Airspace
- ___ Temporary Flight Restrictions (TFR)

COMPLETION STANDARDS:

The CFI applicant will demonstrate instructional knowledge and skill on the listed topics, and the ability to impart that knowledge and skill on the Instructor during the lesson, as outlined in the current FAA Flight Instructor Practical Test Standards.

DATE: _____	GRADE (C/INC): _____

Student Name / Signature / Student #	

CFI Name / Signature / CFI # & EXP.	

Briefing Time	