

TRAINING PLAN FOR TRANSITION TO HIGH PERFORMANCE AIRPLANES
AC 61-98A Appendix 4

Name: _____ Date: _____

Grade of Certificate: _____ Certificate No.: _____

Ratings and Limitations: _____

Class of Medical: _____ Date of Medical: _____

Total Flight Time: _____

Aircraft to be Used (Make & Model): _____ N#: _____

Location of Training: _____

GROUND INSTRUCTION:

Subjects covered should include, but are not limited to:

I. AIRPLANE POH/AFM REVIEW

- A. General Description and Safety Features
- B. Limitations

II. AIRPLANE SYSTEMS INCLUDING NORMAL, ABNORMAL, AND EMERGENCY PROCEDURES.

- A. Flight Instruments, Avionics, and Autopilot (if appropriate)
- B. Controls and Trim Controls
- C. Powerplant(s)/Propeller(s)
- D. Fuel (C182 – Rubber bladders, killer caps, vent overflow, uneven fuel flow)
- E. Landing Gear
- F. Flaps
- G. Electrical
- H. Hydraulic
- I. Environmental
- J. Pressurization
- K. Ice Protection
- L. Oxygen

III. FLIGHT PLANNING CONSIDERATIONS SPECIFIC TO AIRPLANE TO BE USED

- A. Performance Data (sample problem)
- B. Weight and Balance (at single pilot light weight, max gross weight with empty and full fuel)
- C. Review of Instrument Procedures Appropriate to Avionics Capability of the Aircraft (if the pilot is instrument rated)
- D. Minimum Equipment List (if applicable), additional required instruments.
- E. Servicing Requirements
- F. Aircraft Data Sheet
- G. Checklist

IV. CHECKLIST AND OPERATIONAL PROCEDURES

- A. Review of Operational Considerations for High Performance Airplanes in Airport Traffic Patterns
- B. Review Local Departure and Arrival Procedures
- C. Review Procedures for Each Maneuver to be accomplished
- D. Proper procedure for power / prop speed changes.
- E. Leaning and use of EGT
- F. Shock Cooling
- G. Use of Cowl Flaps
- H. Carb Icing (C182 prone – no rpm drop indication at cruse - partial carb heat OK)

Hours of Ground Instruction Completed: _____

FLIGHT INSTRUCTION: (refer to the applicable PTS)

Maneuvers and procedures accomplished should include, but are not limited to:

I. PREFLIGHT INSPECTION

II. CHECKLIST AND PRESTART PROCEDURES

III. STARTING ENGINE(S)

A. Battery Starts

B. External Power Starts (may be by accomplished by simulated demonstration)

IV. NORMAL DEPARTURE OPERATIONS

A. Taxiing - Emphasis on Directional Control Procedures Which May Require the Use of Techniques Unfamiliar to the Pilot

B. Pretakeoff Checks

C. Normal Takeoff

D. Climb - Emphasis on Collision Avoidance and Appropriate Power and Prop Settings

E. Cruise - Checklist Completion and Cockpit Resource Management. Leaning / Power-Prop settings

V. AIR WORK

A. Constant Altitude Turns

B. Flight at Critically Slow Airspeeds

C. Stall Recognition and Recovery in all Applicable Configurations

D. Emergency Operations of All Systems (in accordance with manufacturer's recommendations)

E. Engine-out Procedures (if in a multiengine airplane)

F. Recovery from Unusual Attitudes by Reference to Instruments

G. Simulated Emergency Descent / Landing

VI. NORMAL ARRIVAL OPERATIONS

A. Descent and In-Range Checklist Procedures. – Shock cooling avoidance.

B. Normal Landings.

VII. PATTERN WORK

A. Crosswind, Short, and Soft-Field Takeoffs and Landings

B: Go-Arounds

C. Aborted Takeoff

D. Zero / Full Flap Landings

E. Engine-out Procedures (if in a multiengine airplane)

F. Power off Landing

VIII. INSTRUMENT APPROACH, DEPARTURE, AND EN ROUTE PROCEDURES (if instrument rated)

IX. AFTER LANDING AND POSTFLIGHT PROCEDURES

Hours of Flight Instruction Completed: _____

OVERALL COMPLETION OF TRANSITION TRAINING:

Remarks: _____

CFI Signature / Certificate No.: _____ Expiration Date: _____

I have received transition training to high performance airplanes and completed the ground and flight training noted above.

Pilot Signature: _____ Date: _____