

## FLIGHT REVIEW CHECKLIST AND PLAN OF ACTION

Name Greg Coleman Date 11/6/10  
Grade of Certificate Private Certificate No. [REDACTED]  
Ratings and Limitations Instrument - Must wear lenses for distant, have glasses for near vision.  
Class of Medical Third Date of Medical 2/18/09  
Total Flight Time 374 Time in Type 7.7 hrs.  
Aircraft to be Used: Make and Model Piper Mirage PA-46-350P N# 548C  
Location of Review KGTU

### I. REVIEW OF FAR PART 91

Ground Instruction Hours: 3.5 hrs.

Remarks: \_\_\_\_\_

### II. REVIEW OF MANEUVERS AND PROCEDURES (list in order of anticipated performance)

A. Power On + Off Stalls L. Checklist Usage  
B. Slow Flight M. Normal + X-wind +/o + Landings  
C. Steep Turns N. IFR (see IPC for complete list)  
D. Spin Recovery Procedures (Discussion - DO NOT PERFORM ACTUAL SPIN) + Awareness  
E. Unusual Attitudes  
F. Collision Avoidance  
G. Wake Turbulence Avoidance  
H. Land and Hold Short Operations (LAHSO)  
I. Runway Incursion Avoidance  
J. Controlled Flight Into Terrain (CFIT)  
K. Aeronautical Decision Making (ADM)  
Flight Hours: 1.9

Remarks: \_\_\_\_\_

### III. OVERALL COMPLETION OF REVIEW

Remarks: All maneuvers + procedures completed within Priv. + Inst. PTS limits + a/c manufacturers rec.  
Signature of CFI [REDACTED] Date 11/6/10  
Certificate No. [REDACTED] Expiration Date 11/11

I have received a flight review that consisted of the ground instruction, flight maneuvers and procedures noted above.

Signature of the Pilot [REDACTED] Date 11/6/2010

## FORMAT FOR ORGANIZING FAR PART 91 REVIEW

| Subpart | Description                                                                                                         | Remarks                                         |
|---------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| A       | General                                                                                                             |                                                 |
| B       | Flight Rules (General)                                                                                              | All Pilots                                      |
|         | Visual Flight Rules                                                                                                 | All Pilots                                      |
|         | Instrument Flight Rules                                                                                             | If applicable (ex. instrument-rated pilot)      |
| C       | Equipment, Instrument & Certificate Requirements                                                                    | All Pilots                                      |
| D       | Special Flight Operations                                                                                           | If applicable (ex. glider tow pilot)            |
| E       | Maintenance, Preventive Maintenance and Alterations                                                                 | All Pilots                                      |
| F       | Large & Turbine-Powered Multi-engine Airplanes<br>(note: pilot may be subject to requirements of FAR Section 61.58) | If applicable                                   |
| G       | Additional Equipment & Operating Requirements for Large and Transport Category Aircraft                             | If applicable (see note – Subpart F)            |
| H       | Foreign Aircraft Operations & Operations of U.S. Registered Civil Aircraft Outside of U.S.                          | If applicable (ex. flights to Canada or Mexico) |
| I       | Operating Noise Limits                                                                                              | If applicable (ex. agricultural aircraft pilot) |
| J       | Waivers (ex. pilot involved in airshows)                                                                            | If applicable                                   |

## **FLIGHT REVIEW KNOWLEDGE, MANEUVERS AND PROCEDURES**

### **~~A~~ All Categories and Classes of Aircraft**

Pilot certificates and other FAR Part 61 requirements  
Aircraft performance and limitations  
Aircraft loading, weight and balance (*Various Loading Scenarios*)  
Aircraft systems and operating procedures  
Abnormal and emergency procedures  
Flight planning and obtaining weather information  
Avoidance of hazardous weather  
Aircraft documents and records  
Air traffic control and airspace  
Preflight inspection  
Use of checklist  
Radio communication and navigation (if aircraft equipped)  
Collision avoidance, traffic pattern operations, ground operations  
Navigation by pilotage

### **~~A~~ Airplane, Single-Engine Land (ASEL)**

Takeoffs and landings (normal, crosswind, short and soft-field)  
Go-arounds  
Maneuvering during slow flight  
Stalls  
Constant altitude turns  
Simulated forced landings and other emergency operations  
Flight by reference to instruments (except recreational pilots)

### **~~A~~ Airplane, Multi-Engine Land (AMEL)**

Same as ASEL plus:  
Simulated engine-out procedures and performance

### **~~A~~ Airplane, Single-Engine Sea (ASES)**

Same as ASEL (except soft-field takeoff and landings) plus:  
Glassy and rough water landings

### **~~A~~ Airplane, Multi-Engine Sea (AMES)**

Same as ASEL, ~~AMEL~~ and ASES, as applicable

### **Glider**

Takeoff and tow procedures (appropriate to type of tow used)  
Simulated rope break procedures  
Stall recognition and recovery  
Slight at minimum controllable airspeed  
Gliding spirals  
Accuracy landings

### **Rotorcraft - Helicopter**

Normal takeoffs and landings to a hover and to the ground  
Confined area operations  
Maximum performance takeoffs  
Pinnacle operations  
Slope operations  
Quick stops  
Running landings  
Autorotative approaches from altitude  
Hovering autorotations  
Forced landings  
Settling with power (demonstration)  
Loss of tail rotor effectiveness  
System failures; e.g., anti-ice, hydraulics, electrical, etc.

### **Rotorcraft, Gyroplane**

Takeoff and landings (normal, crosswind, short and soft-field)  
Go-arounds  
Maneuvering during slow flight  
Simulated emergency approach and landing  
Systems and equipment malfunctions

### **Lighter-Than-Air, Free Balloon**

Lift-offs and ascents  
Descents and landings (normal and high-wind)  
Level flight and contour flying  
Emergency

Note: CFI's should review the applicable PTS to determine which maneuvers and procedures are associated with original pilot certification in that category and class.

# INSTRUMENT COMPETENCY CHECK PLAN AND CHECKLIST

Name Greg Coleman Pilot Certificate No. [REDACTED]

Certificate and Ratings Private, Instrument

Date of Last Check 2/18/09

Class of Medical Third Date of Medical 2/18/09

Total Time 374 Time in Type Aircraft 1.3

Total Instrument Time: \_\_\_\_\_ Simulated \_\_\_\_\_ Actual 26

Simulator/Ground Trainer \_\_\_\_\_

365 Days In Last ~~180~~ Days: \_\_\_\_\_ Actual 26

Simulator/Ground Trainer \_\_\_\_\_

Approaches/Last 180 Days: Precision \_\_\_\_\_ Nonprecision \_\_\_\_\_

Aircraft to be Used PA-46-350P Mingo Registration No. N548C

Location of Check KGTU

## I. KNOWLEDGE PORTION OF COMPETENCY CHECK

- ✓ A. FAR Part 91 Review
  - 1. Subpart B (Instrument Flight Rules)
  - 2. Subpart C (Equipment, Instrument, and Certificate Requirements)
  - 3. Subpart E (Maintenance)
- ✓ B. Instrument en route and approach charts, including SID's and STAR's
- ✓ C. Weather analysis and knowledge
- ✓ D. Preflight planning, including performance data, fuel, alternate, NOTAMS and appropriate FAA publications
- ✓ E. Aircraft systems as related to IFR operations
- ✓ F. Aircraft flight instruments and navigation equipment, including emergency procedures such as lost communications
- ✓ G. Airworthiness status of aircraft and avionics for IFR flight
- ✓ H. ATC procedures, clearances, and pilot/controller responsibilities
- ✓ I. Other areas: FIKI operations, procedures & Limitations

## II. SKILL PORTION OF COMPETENCY CHECK (include location)

- A. Instrument cockpit check KGTU
- B. Intercepting/tracking VOR/NDB TPL VOR
- C. Steep turns KGTU
- D. Recovery from unusual attitudes KGTU
- E. Basic attitude instrument flying KGTU
- F. VOR approach VOR RWY 15 KTPL
- G. ~~NDB~~ <sup>GPS</sup> approach GPS RWY 17 KPWG, GPS RWY 17 KCNW (Full Procedure), 2 GPS 18 KGTU
- H. ILS approach ILS RWY 17 KCNW
- I. Holding procedures LEROI on GPS RWY 17 KCNW
- J. Missed approach procedures GPS RWY 18 KGTU
- K. Circling approach procedures GPS RWY 17 KCNW
- L. Simulated engine-out (multiengine only) KGTU

M. Other areas: DME & HSI slaved/not slaved

III. OVERALL COMPLETION OF COMPETENCY CHECK

Remarks: within Instrument PTS standards

[Signature]  
Signature of CFI

11/6/10  
Date

[Redacted]  
Certificate No.

11/11  
Expiration Date:

I have received an instrument competency check which consisted of the knowledge review and skill demonstration of the procedures noted.

\_\_\_\_\_  
Signature of the Pilot

\_\_\_\_\_  
Date

APPENDIX 4. ~~SAMPLE~~ TRAINING PLAN FOR TRANSITION TO HIGH PERFORMANCE AIRPLANES & High Altitude Operations

Name: Gregory Scott Coleman Date: 11/6/10

Grade of Certificate: Third Certificate No. [Redacted]

Ratings and Limitations: Private, Instrument

Class of Medical: Third Date of Medical: 2/18/09

Total Flight Time: 374

Aircraft to be Used (Make and Model): Piper Mirage  
PA-46-350P N# 548C

Location of Training: KGTU

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) Pilot Static & Vacuum System
- ✓ B. Controls and Trim Controls
- ✓ C. Powerplant(s)/Propeller(s)

- ✓ D. Fuel
- ✓ E. Landing Gear
- ✓ F. Flaps
- ✓ G. Electrical
- ✓ H. Hydraulic
- ✓ I. Environmental
- ✓ J. Pressurization
- ✓ K. Ice Protection
- ✓ L. Oxygen

M. Brake System  
 N. Stall Warning  
 O. Radar

### III. FLIGHT PLANNING CONSIDERATIONS SPECIFIC TO AIRPLANE TO BE USED

- ✓ A. Performance Data
- ✓ B. Weight and Balance
- ✓ C. Review of Instrument Procedures Appropriate to Avionics Capability of the Aircraft (if the pilot is instrument rated)
- ~~D. Minimum Equipment List (if applicable)~~
- ✓ E. Servicing Requirements

### 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

V. Aeromedical Factors → (i.e. - 3 min @ FL250)  
 Hours of Ground Instruction Completed: 3.5

FLIGHT INSTRUCTION: (refer to the applicable PTS) Priv. + Inst.

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 accomplished by simulated demonstration) KFXE
- ✓ 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 Settings

✓ E. Cruise - Checklist Completion and Cockpit Resource Management

✓ V. AIR WORK

- ✓ A. Constant Altitude Turns
- ✓ B. Flight at Critically Slow Airspeed & Drag Demo (all configs) sim go-around
- ✓ 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

✓ VI. NORMAL ARRIVAL OPERATIONS

- ✓ A. Descent and In-Range Checklist Procedures
- ✓ B. Normal Landings

✓ VII. PATTERN WORK

- ✓ A. Crosswind, Short, and Soft-Field Takeoffs and Landings (if appropriate to aircraft)
- ✓ B. Go-Arounds
- ✓ C. Aborted Takeoff
- ✓ D. Zero Flap Landing
- ✓ E. Engine-out Procedures (~~if in a multiengine airplane~~)

✓ VIII. INSTRUMENT APPROACH, DEPARTURE, AND EN ROUTE PROCEDURES (if instrument rated) *Failure of instruments (simulated) - HSI, AI, AS, Altimeter*

✓ IX. AFTER LANDING AND POSTFLIGHT PROCEDURES

Hours of Flight Instruction Completed: 3.7

OVERALL COMPLETION OF TRANSITION TRAINING:

Remarks: Within Priv. & Inst. PTS standards

Signature of CFI 

Date 11/6/10

Certificate No. 

Expiration Date: 11/11

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

Signature of the Pilot 

Date 11/6/2010