This recurrent course consists of 2 hours ground, 1 hour sim, and 1.5 hours flight training, and is intended for pilots who have already received initial Mirage training and have flown the aircraft in the last 12 months.

Ground 1 – 1 hr

1. General airmanship training if going for biennial flight review (add .5hrs)
2. Review Responses to the "Piper Mirage Questions" as applied to client's aircraft
3. Weight and Balance Considerations
4. Review Mirage Systems
    - Fuel System Review – Fuel Balance, Pumps, Monitoring
    - Landing Gear/hydraulic System Review – Indicators/panel lights, manual extension, gear airspeeds
    - Turbo Charging System Review – Operation, Failures
    - Electrical System – Dual Alternators, Indications, Failures
    - Pressurization/Environmental System review – Control, regulation, heating/cooling, emergency procedures
    - Emergency Oxygen System Review – Location, High altitude concerns
    - De-Icing Systems Review – Operation, limitations, when to use, pre-flight checks
    - Autopilot and Navigation System Review – Operation, failures
5. Review Power Management & Settings
    - Power settings for takeoff, cruise, landing
    - Lean vs Rich free soccer super betting tips of Peak
    - Cyl Head and TIT limits
    - Min fuel flows for Takeoff & climb
6. Handling systems failures in IMC
    - Vacuum System
    - Electric Bus

Simulator – 1hr per pilot

1. Pre-flight briefing
2. Aeronautical Decision Making
3. ATC Communications
4. System Failures
5. Engine failure, restart
6. Emergency Descent
7. In-flight
8. Unusual Attitudes
9. Instrument Approach
10. Missed Approach

Lunch Break

Aircraft – 1.5hr per pilot

1. Pre-flight Checks
2. Cock-pit Review
    - Avionics Review – Flight plans, information, charts, autopilot operations
    - Panel Lighting
    - De-ice/Anti-Ice Systems
    - Pressurization/Environmental Systems
3. Flight Maneuvers & Recoveries
    - Slow flight
    - Stalls & recoveries (Monitor power to protect turbo's)

3. Take-Offs & Landings
    - Normal
    - X-wind
    - Short Field
4. Cabin Pressure Regulation
    - Smoothly depressurization and pressurizing cabin in-flight.
    - Cabin differential pressure checks.
    - Operation of heating and ventilation.
5. Simulated Electrical Failures
    - Alternator Malfunctions
    - Electric Bus Failure
        - Electric bus oddslot scores checklist
        - Manual gear extension (talk through don't actually perform)
        - Flaps up landing
6. Power Management
    - Climb
    - Cruise
    - Decent
    - Leaning
7. Autopilot Operation
8. Coupled instrument approach
9. Additional approach and hold

Ground 2 – 1 hr

1. Flight Review
2. Final Exam
3. Sign Offs & Logbook Entries