



## Piper M Class (Matrix, Mirage, Malibu)

COURSE	Course Hours		
	DAYS	GROUND SCHOOL	SIM/AIRCRAFT PF
INITIAL	4	16.0	18.0
2-DAY RECURRENT	2	8.0	4.0
1-DAY EXPRESS RECURRENT	1	4.0	4.0
MAINTENANCE INITIAL	5	40.0	0.0

NOTE: Brief and Debrief time is included in ground school hours in the table above.

If paired with another student, additional right seat simulator observation time may be available.

**Location(s):** Orlando Lee Vista Training Center

**Orlando Center training devices:** N/A. Training can be conducted using customer's aircraft.

**Course Duration:** All course durations are estimates and may vary slightly depending upon schedule availability.

### Course Descriptions

#### Initial Training

SIMCOM's Piper M Class initial courses provide a comprehensive overview of aircraft systems, performance, and procedures. You will have the opportunity to gain knowledge and proficiency in normal and emergency procedures. The combination of our, high fidelity simulators, small class sizes and experienced instructors provides the ideal learning environment. Upon successful completion of the course, you will receive a flight review through the FAA Wings Program. For pilots that are instrument current, completion of the course fulfills the instrument experience requirements (FAR 61.57(c)(2)).

#### Recurrent Training

SIMCOM's Piper M Class recurrent courses give you the opportunity to practice normal and emergency procedures using realistic scenario based training. You will also review aircraft systems, performance and procedures. Upon successful completion of the course, you will receive a flight review through the FAA Wings Program.

#### Maintenance Training

SIMCOM's Piper M Class maintenance course is the only factory approved initial maintenance training course for the Piper turboprop and piston powered PA46 series aircraft. The 5-day course consists of 40 hours of total instruction in Orlando, Florida. On-site initial maintenance training is also available from SIMCOM for customers who desire training at their specific service locations.



## Details

### Ground School:

**GOS:** General Operational Subjects includes training on the following operational areas:

- Weight and Balance, Planning and Performance
- Adverse Weather
- Aircraft Manuals

**AC SYS:** Aircraft Systems segment consist of a breakdown of the various systems of the aircraft.

**SIT/CPT:** Systems Integration Training provides ground instruction that emphasizes the aircraft systems interrelationships. This training includes normal, abnormal and emergency AFM / AOM / checklist procedures, pilot flying ("PF") / pilot monitoring ("PM") duties and other elements of crew coordination, such as avionics / automation management specific to the aircraft. SIT will be conducted in a classroom and by using an appropriate training device.

### Simulator Training:

**BRIEF:** Briefing / Debriefing is required for each flight training module.

Elements of Briefing include the following:

- Weather briefing
- Performance, weight and balance calculations
- Maneuvers and procedures
- Performance standard
- Any other areas the instructor finds applicable

Elements of the Debriefing include the following:

- Any highlighted areas of concern
- Answering trainee questions
- Preview of the subsequent lesson
- Any other areas the instructor finds applicable

**SIM PF:** Simulator training modules will consist of Aircraft Orientation, Normal, Abnormal and Emergency Procedures. This training provides instruction to develop the skills necessary to maneuver the aircraft with and without the automatic flight control systems. Selected abnormal and emergency procedures are introduced and practiced. The pilot will become proficient in the use of checklists, precision approaches, non-precision approaches and full integration of avionics systems

### Prerequisites

#### Initial:

- **Entry Into Curriculum:** Trainee must hold at least a Private Pilot Certificate with airplane Single-Engine Land and Instrument Rating.

#### Recurrent:

- Trainee must have successfully completed a formal initial course or have logged 100 hours in the specific model of Piper M Class aircraft.