



CREW PILOT TRAINING

TRAINING PROGRAMS
AND
14 CFR FAA 142 TRAINING SPEC'S

B-737 Classic Type Rating

Miami, FL

Version 2



WELCOME

We know that there are a lot of ATP/737 type rating company's out there today and we want to thank everyone for choosing Crew Pilot Training for your training needs. We strive to provide the best training in the industry. We know the next several days will be a fire hose of information. We have some of the best instructors the industry has to offer, and you will learn a lot from them. They are there to help in any way that they can and to make it an enjoyable experience.

If you have any question about the aircraft, training program or the Miami area in general please drop me an email, text, or call me.

Safe Travels to Miami, best regards.

Gib Minor
850.368.5800 Voice & Text
gib@cpt-ops.net

ADMINISTRATION

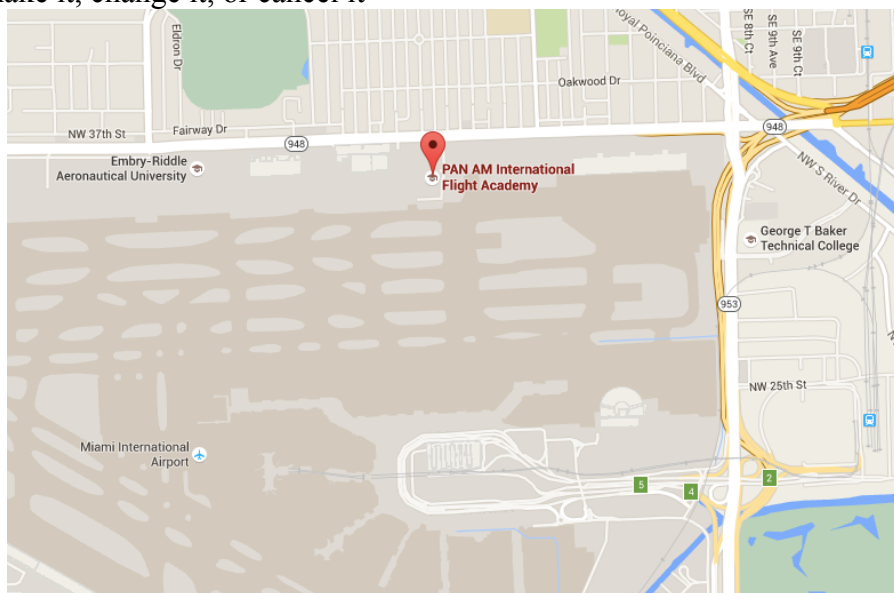
Academic Instructor : Mr. Chuck Carter Retired World Airways Captain, US Air Force Veteran.
Cell: (405) 818-1988 Email: chuck@cpt-ops.net

Sim Instructor : Mr. Chuck Carter Retired World Airways Captain, US Air Force Veteran.
Cell: (405) 818-1988 Email: chuck@cpt-ops.net

Sim Instructor : Mr. Rob Nebel. Retired SWA Captain and retired US Air Force. Cell:
(570) 994-7527 email: swajet@gmail.com

LODGING

- Hotels are relatively close to both training locations (PanAm Building and Boeing Training Center). The primary hotel that we use is the Comfort Suites for students and instructors. However, in the peak of the cruise ship season (End of February through the end of March we have contracts with the Clarion and Red Roof Inn to take care of your lodging needs.
- If you are staying at other locations in the Fort Lauderdale/Miami area, driving to the training center can be rather troublesome most of the time, depending on the time of day. Please plan accordingly for daily congested traffic patterns in the area of the airport, south Miami, on the Turnpike & I95 coming into the city of Miami.
- The PanAm International Flight Academy is the building directly behind the old abandoned PanAm Flight Attendant Training building.
- The PanAm International Flight Academy is located at **5000 NW 36th St, Miami, FL 33122**
- If you don't need the reservation or it needs to be modified, please let us know so we can make it, change it, or cancel it



Food

- The 36th Street area has a *few* good bar & grills, and restaurants that have a good cross section of local flavor, of course fast food is also available. Ask your IPs and TCEs about the local carte du jour.

Laundry

- There is a local laundry on Curtiss Parkway about a half mile from the PanAm training center. They have a drop-off service & pickup the next day, fluff & fold service included at a reasonable price. Bryson's Irish Pub is right next door in case you want to have a beer and do your own laundry.

Where to show on Day 1 Academics

- On the first day of class your Ground Instructor will meet you in the lobby of the PanAm International Flight Academy main building. All students will sign in and the instructor will escort everyone to Crew Pilot Training's ground school classroom (Rm 248).
- Your instructor will issue a Crew Pilot Training Student ID, which is good for the PanAm complex. If you are doing your simulator at Boeing you will receive additional badging when you start your simulator training.
- It is very important that you bring the following paperwork with you on the first day of class:
 - Most current Aviation log book or military flight records.
 - Knowledge Examination Report with raised seal. (For ATP candidates)
 - Current Permanent or Temporary Airman's Certificate
 - Passport, Military ID, or Valid US Driver's License.

What you need done before showing

- IACRA worksheet completed and sent to Gib Minor at gib@cpt-ops.net
- All paperwork for VA sent to Ray Brendle 281-360-1010 rayb@kingwoodcable.com
- All other paperwork and complete payment sent to Ray Brendle 281-360-1010 rayb@kingwoodcable.com

Things to study before showing

- Go to the Quick Start and Epubs (Password 2016) Link Located here <http://cpt-ops.net/page0/page8/>
- 737-300-500 Immediate Action Items, Limitations, and Callouts
- 737-300-500 Flows via 737 Classic Vol 1

These Pubs are an easy study and will help you get a head start so you can learn the main systems when you arrive.



(Day 1 Academics)

SHOWTIME: 0730L

LOCATION: PanAm International Flight Academy at **5000 NW 36th St, Miami, FL 33122.**

SCHEDULE: 0800-1745L

What to Study before showing:

- 737 Classic Vol 1 pp. 1-1 – 1-8, 4-1 – 4-18, (5-1 – 5-8 Flows)
- 737 Classic Vol 2 pp. 1-1 – 1-14, Chapter 6, 7-29 – 7-31, Chapter 12

ACADEMICS

0800 – 0900	Refreshments and introductions
0830 – 1000	Aircraft General Flight Deck Familiarization Circuit Breakers Side Panels & Lower Center Panels Lighting Master Caution annunciator & Warning lights
1000 – 1200	Electrical
1200 – 1300	Lunch
1300 – 1430	APU Aft Overhead Miscellaneous Fuel Oxygen Systems
1430 – 1630	Flight Instruments Navigation Introduction to Flight Management – IRS units Introduction to flight guidance and auto flight
1630 – 1730	Introduction to normal ground operations procedures
1730 – 1745	Review of next day's events



(Day 2 Academics)

SHOWTIME: 0800L

LOCATION: PanAm International Flight Academy at 5000 NW 36th St, Miami.

SCHEDULE: 0800-1815L

What to Study before showing:

- 737 Classic Vol 2 pp. 7-1 – 7-29, Chapter 5, 9, 13, 14

ACADEMICS

0800 – 0830	Day One Review
0830 – 1200	Hydraulics Landing Gear & Brakes Flight Controls Configuration & Miscellaneous Warnings
1200 – 1300	Lunch
1300 – 1500	Power plant & thrust reversers Fire detection & protection Communications EFIS Screen symbology
1500 – 1545	Introduction to flight guidance and auto flight Introduction to Flight Management – FMC (Part 1)
1545 – 1745	Introduction to normal procedures
1745 – 1815	Review of next day's events



(Day 3 Academics)

SHOWTIME: 0800L

LOCATION: PanAm International Flight Academy at 5000 NW 36th St, Miami.

SCHEDULE: 0800-1510L

What to Study before showing:

- 737 Classic Vol 2 Chapter 2, 3

ACADEMICS

0800 – 0830 Day Two Review

0830 – 1130 Pneumatics
Air Conditioning System
Pressurization System
Ice & Rain protection
Cold Weather Procedures

1130 – 1230 Lunch

1230 – 1310 -400 differences
CRM
Threat & Error management
Aircraft Approved flight manual review & Limitations

1310 – 1340 Intro to Flight Management – FMC (Part 2)

1340 – 1510 Review of next day's events



(FTD)

SHOWTIME: Talk with the Sim instructor.

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

Profile:

- Flight Deck Familiarization
- Safety Checks and Checklists
- Flight deck preflight
- Clearances, FMC route, and performance loading
- Crew coordination, briefings, preflight checklists
- Before start, pushback, and engine starts
- After start procedures
- Aircraft taxi, pre-takeoff briefings and checklists
- Normal Takeoff Procedures
- Normal Descent and approach preparations
- Non-normal procedures (at discretion of Instructor)
 - Air Conditioning – Pack Trip, duct overheat
 - Pneumatics – Bleed Trip
 - Hydraulics – Pump low pressure, pump overheat
 - Fuel – Fuel pump low pressure
 - Electrical – Bus off light
 - Ice & Rain – window heat inop/overheat
- Normal ILS to a landing
- Taxi in and parking



(FFS 1)

SHOWTIME: **Talk with the Sim instructor.**

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

Profile:

- Normal Ground Operations and Checklists
- Normal Takeoff Procedures
- Normal Departure, climb, cruise
- Flight Characteristic Demonstrations
- High Altitude Stall Demonstrations
- Air Conditioning & Pressurization non-normals
 - Pack Trip, Bleed Trip, Wing-Body overheat
 - Auto Pressurization failure
 - Standby Controller usage
- Cabin Depressurization and Emergency Descent
- Airwork – Stalls and Steep Turns
- Normal Descent and approach
- Normal ILS and visual approaches to a landing
- Taxi in and parking



(FFS 2)

SHOWTIME: **Talk with the Sim instructor.**

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

Profile:

- Normal Ground operations and checklists
- Normal Cold Weather Flaps 15 Takeoff and Ice & Rain protection procedures
- Electrical Non-Normals Procedures
 - Generator Failure
 - Battery Failure
 - Transfer Bus Failure
- Electrical Smoke & Fire Procedures
 - Electrical Smoke and Fire
 - Non-Electrical smoke and fire
- Holding
- Airwork – Stalls and Steep Turns
- Flight Director flown ILS approach & Missed
- Non-ILS (non-precision) Approach and landing (Vertical Speed Method)
- Flaps 15 Instrument Takeoff
- Non-ILS (non-precision) Approach and Rejected Landing Vnav method
- Non-ILS (non-precision) Approach and Landing
- Flaps 15 Takeoff with rejected Takeoff – Low Speed
- Flaps 15 Takeoff with rejected Takeoff – High Speed
- Taxi in and Parking



(FFS 3)

SHOWTIME: **Talk with the Sim instructor.**

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

Profile:

- Normal Heavyweight Takeoff Procedures
- Holding
- Fuel Non-Normals
 - Fuel Imbalance
- Holding exit to a place/bearing/distance
- Non-ILS (non-precision) approach with circle to land
- Normal Takeoff with maximum crosswind
- Wheel Well Fire
- Hydraulic Non-Normals
 - Electric pump overheat
 - Engine pump low pressure
 - Hydraulic system (A and B) low pressure indication
 - Low brake pressure
 - Low brake accumulator pressure
- Loss of “A” and “B” hydraulics (manual reversion)
- Loss of “A” Hydraulics ILS w/Full Stop Landing
- Loss of “B” Hydraulics ILS w/Full Stop Landing
- Takeoff with an engine failure at V1
- Takeoff with and engine failure after V1 & before 400’
- Engine in flight restart
- Engine overheat
- Engine out ILS to a Landing



(FFS 4)

SHOWTIME: **Talk with the Sim instructor.**

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

Profile:

- Flaps 5 Takeoff with and Engine Failure at V1
- Engine out ILS
- Engine out Missed Approach
- Engine out ILS Full Stop Landing
- Heavyweight, Flaps 1 Takeoff with engine failure at V1
- Flight Control Non-Normals
- Jammed Stab Demo
- Runaway Stab Demo
- Leading Edge Devices Non-normals
- Trailing Edge Flap Asymmetry w/Visual Approach and Landing
- Normal Flaps 5 Maximum Crosswind Takeoff
- RNAV Visual 13R W/Crosswind Landing
- On Ground Emergency w/Evacuation
- Practice at IP Discretion



(LOS/LOFT FSS 5)

SHOWTIME: **Talk with the Sim instructor.**

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

Profile:

- Low Vis Taxi to Takeoff
- Climb & Departure
- Cruise
 - Analyze cruise altitudes, turbulence & weather avoidance
- Holding
- Descent / Arrival
- Instrument approach procedures
- Approach and Missed Approach
- Taxi to the gate and securing of aircraft



(FFS 6)

SHOWTIME: **Talk with the Sim instructor.**

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

Profile:

- Normal Ground Operations, checklists, cold weather procedures
- Normal Flaps 5 takeoff procedures, cold weather procedures
- Normal departure, climb, procedures
- Airwork – Steep turns, unusual attitude
- Autopilot flown flight director ILS with full missed approach
- Stalls
- Holding
- Rejected landing
- Circle to a full stop
- Flaps 15 Takeoff w/Rejected Takeoff
- Flaps 15 Takeoff w/Engine failure at V1
- Engine Restart Procedures
- Engine out ILS with Missed Approach
- Engine out ILS, Handflown to full stop landing
- Flaps 1 takeoff w/Flap Non-normal
- Visual Approach w/Flap Non-normal
- On ground emergency w/Evacuation



(Oral Examination and Checkride)

SHOWTIME: Talk with the Sim instructor.

LOCATION: Boeing Training Center located at 6601 NW 36th St, Virginia Gardens **OR**
PanAm International Flight Academy at 5000 NW 36th St, Miami

SCHEDULE: Times Vary

What to bring to Oral Examination and Checkride

- *Most current Aviation log book or military flight records.*
- *Knowledge Examination Report with raised seal. (For ATP candidates)*
- *Current Permanent or Temporary Airman's Certificate*
- *Passport, Military ID, or Valid US Drivers License.*