



*Flight Training and Aircraft Rentals*  
**14150 SW 129th St. MIAMI, FL. 33186**  
*www.flymiami.com*  
**305-259-5611**

## ACRONYMS

### Aircraft

ARROW

Airworthiness certificate ----->	Altimeter/static system
Registration ----->	Annual
Radio station license	VOR checks
Operation handbook	Inspection (100 hr)
Weight and balance	<b>Airworthiness directives</b>
	Transponder
	ELT

### VFR Day

Anti collision light  
 Airspeed  
 Altimeter  
 Tachometer  
 Temp gauge  
 Oil pressure  
 Oil temp  
 Mag compass  
 Manifold pressure  
 Seat belts  
 ELT  
 Landing gear position lights  
 Fuel gauges  
 Flare/pyrotechnic device

### VFR Day

Tachometer  
 Oil pressure  
 Mag Compass  
 Airspeed  
 Temp gauge  
 Oil temp  
 ELT  
 Anti-collision lights  
 Fuel gauge  
 Landing gear position lights  
 Altimeter  
 Manifold pressure  
 Emergency Equipment

### VFR Night

Position lights  
 Electrical Source  
 Landing lights (hire)  
 Anti-collision lights  
 Fuses

### VFR Night

Fuses  
 Landing lights (hire)  
 Anti-collision Lights  
 Position lights  
 Source of electricity

## **WX Reports**

Terminal  
Weather depiction  
Radar summary  
Pireps  
Surface analysis  
Satellite

## **Do Not need ELT**

50 N.M Training  
Turbo-jet  
Experimental  
Agricultural  
Research  
Scheduled air carries  
1 pilot airplane  
Air racing  
New aircraft delivery  
Crew training  
Exhibition

## **Safety of Flight**

Weather  
All available info ----->  
Runway lengths  
Takeoff distances  
Fuel requirements  
Alternative available  
Delays Known to AFC

## **WX forecast**

Significant wx prognostic  
Winds/temp aloft  
Inflight wx advisory  
Severe wx watch  
Severe wx outlook  
Convective outlook  
Terminal area forecast

Charts  
ADF  
NOTAMs  
FAR  
AIM  
Advisory circular  
POH

## **NTSB 830**

Immediate notification if accident plus:  
Inability of crewmember to perform due to injury or illness  
Inflight fire  
Failure to turbine blades  
Flight control failure  
Damage to property over \$25,000  
Overdue aircraft believed to have been in an accident  
Aircraft collide in flight

## **IFR Instruments**

Heading indicator  
Altimeter  
Radios (2 way)  
DME above flight level 240 if using VOR  
Turn coordinator w/ inclinometer  
Attitude indicator  
Clock w/ second hand sweep  
Alternator / generator  
Nav. equipment appropriate to the facilities being used

## **IFR Instrument**

Alternator / generator  
Radios  
Altimeter  
Ball (slip/skid indicator)  
Clock  
Attitude indicator  
Rate of turn indicator  
Directional Gyro  
DME above FL 240 if using VOR

## **Approach Briefing**

ATIS  
Marker Beacons  
Magnetic Compass  
Identify approach plate aid frequencies  
Course (in bound)  
Entry (radar vectors, procedure turn, etc.)  
Altitude (current, aid MDA or DH)  
Time for missed approach  
Missed approach procedures

## **Radar/Non radar mandatory reports**

Leaving assigned altitude  
Information concerning the safety of flight  
Change in altitude when VFR on top  
Missed Approach  
Unable to climb 7 descend at 500 ft/min  
Change in true airspeed of 10 kts or 5%  
Time and altitude when reaching assigned fix  
Leaving assigned holding fix  
Equipment malfunction  
Weather hazard

## **After missed approach**

Cram it  
Climb it  
Clean it  
Cool it  
Call it

## **Clearance**

Clearance limit  
Route  
Altitude (initial and expected)  
Frequency (departure)  
Transponder code

## **Position report**

Identification  
Position  
Time  
Altitude  
Type of flight plan  
ETA and name of next point  
Next reporting point

## IFR flight rates

Take off/ landing minimums  
Radio communication  
VOR check  
Equipment failure  
Level of flight to be flown  
Information needed  
Fuel requirements  
Radio failure  
Minimum altitudes  
Routes / course to be flown

## Holding Patterns

Directions of hold  
Fix holding on  
Course  
Length of legs  
Turns  
Time (current and EFC)

## LOST COMMS

### Altitudes

Minimum Enroute Alt.  
Expected Alt.  
Assigned Alt.

### Routes

Assigned routes  
Vectored by Radar, go direct  
Expected  
Filed

## Illusions

Inversion  
Coriolis  
False Horizon  
Auto kenisic  
Leans  
Somatogravic  
Elevator illusion

Graveyard spin  
Graveyard spiral  
Featureless Terrain  
Atmospheric Illusions  
Ground lighting, illusions  
Runway width  
Runway Slope

## Compass Errors

Variation  
Deviation  
Magnetic dip  
Oscillation

Northerly turning error ----->  
Acceleration Error ----->

Accelerate  
North  
Decelerate  
South

Undershoot  
North  
Overshoot  
South