

Acronyms

PAVE - Risk Awareness

Pilot - IMSAFE

Aircraft - ARROW/AV1ATES

en**V**ironment - NWKRAFT

External pressures - Company, Passengers, Schedule, Family, etc.

IMSAFE - Pilot Factors

Illness

Medication

Stress

Alcohol

Fatigue

Eating, **E**motions, **E**verything **E**lse

NWKRAFT - enVironment/Preflight Action

Notams

Weather

Known ATC delays

Runway lengths

Alternates

Fuel requirements

Takeoff/Landing performance

DIE - Aircraft Preflight

Documents

Inspections

Equipment needed

30FTDUC - Registration Becomes Invalid When:

30 days after death of owner

Foreign Registration

Transfer of ownership

Destroyed

Loss of US Citizenship

Cancelled

ARROW - Required Documents on Plane

Airworthiness Certificate

Registration

Radio License (if applicable)

Operating Manuals

Weight & Balance

AVIATES - Required Inspections

Annual (12 calendar months)

VOR (30 days for IFR operations)

100 hour inspection (if applicable)

Altimeter (24 calendar months)

Transponder (24 calendar months)

ELT (12 calendar months)

Static (24 calendar months)

ATOMATOF LAMES - 91.205 (b) Required Equipment VFR Day

Airspeed indicator

Tachometer for each engine

Oil pressure gauge each engine

Magnetic direction indicator

Altimeter

Temperature gauge each liquid-cooled engine

Oil temperature gauge each air-cooled engine

Fuel gauge each tank

Land gear position indicator if retractable gear

Anti-collision lighting

Manifold pressure gauge each engine

ELT- Emergency locator transmitter

Seatbelts/Shoulder harnesses

and sometimes...

Floatation gear each occupant if for hire and beyond glide distance from shore

FLAPS or CLAPS - 91.205 (c) Required Equipment VFR Night

Fuses - extra set or 3 of each kind OR **C**ircuit breakers

Landing light if for hire

Anti-collision lighting

Position lighting (nav lights)

Source of electricity (Alternator/generator)

ATAPER/PDLL - Inoperative Equipment 91.213

Check if equipment is required:

Airworthy?

Type Certificate Data Sheet (TCDS)

Airworthiness directives (ADs)

POH (Pilot Operating Handbook)

Equipment list

Regulations

If equipment is not required:

Placard

Deactivate

Log inoperative equipment in maintenance book

Legal to fly

MCPRAWN (STAT)- Special Use Airspace

MOA - Military Operations Area

Controlled Firing Area

Prohibited Area

Restricted Area

Alert Area

Warning Area

National Security Area

additional airspaces...

SFRAS/**S**ATR - Special Flight Rules Area, Special Air Traffic Rules

TRSA - Terminal Radar Service Area

ADIZ - Air Defense Identification Zone

TFR - Temporary Flight Restriction

5 C's - Lost Procedures

Confess to yourself you're lost

Climb for better view of surroundings

Conserve fuel

Call ATC for help

Comply with instructions

RADVAG - VOR Checks

Repair station ($\pm 4^\circ$ From)

Airborne checkpoint ($\pm 6^\circ$)

Ground ($\pm 4^\circ$)

VOT ($\pm 4^\circ$)

Airway ($\pm 6^\circ$)

Dual VOR (Up to 4° Variation)

DVMONA - Compass Errors

Deviation

Variation

Magnetic dip

Oscillation

North/South turning errors (UNOS)

Acceleration/Deceleration (ANDS)

UNOS - North/South Turning Errors

Undershoot

North

Overshoot

South

ANDS - Acceleration/Deceleration Error

Accelerate

North

Decelerate

South

ICEFLAGS - Illusions

Inversion

Coriolis

Elevator

False Horizon

Leans

Autokinesis

Graveyard Spiral

Somatogravic

ABCD Hypoxia

Airway - Hypoxic

Blood - Hypemic

Circulation - Stagnant

Drugs - Histotoxic

ABCDE Engine Out Emergency Procedure

Airspeed (Best Glide)

Best place to land

Checklists (engine out checklist OR GAS flow)

Declare emergency

Execute plan

GAS - Quick Memory Item Checklist For Engine Out

Gas - Switch to tank with fuel, fuel pump on, mixture rich)

Air - Carb heat or alternate air

Spark - Cycle mags, starter switch if needed

IFR Acronyms

GRABCARD - 91.205 (d) Required Equipment IFR

Generator/Alternator

Radio - Two-way radio

Attitude indicator

Ball - slip/skid indicator

Clock installed w/ hours, minutes, seconds

Altimeter - adjustable for barometric pressure

Rate of turn indicator

Directional gyro

AVEF MEA Lost Coms - IFR

Route:

Assigned

Vectored

Expected

Filed

Altitude:

Minimum IFR Altitude

Expected

Assigned