



IFR-Checklist

PA-28-181 Archer III VH-OKY

BEFORE STARTING ENGINE

- Parking brake set
- Preflight check completed
- Technical status/ Maint. Releasesigned
- Tacho time..... note
- Seat..... adjust
- Circuit breakers..... check
- Electrical equipment..... OFF
- Fuel caps.....secured
- Compass deviation card..... check

STARTING ENGINE

- Battery Master ON
- Fuel pump..... ON
- Magnetos..... ON
- Carburetor heat..... OFF
- Mixture..... full RICH
- Throttle 1 cm OPEN
- Fuel pressure..... check
- Primer..... 3-4 seconds
- Prop area.....clear
- Starterengage
- Throttle 1000 RPM
- Oil pressure check
- Alternator/Load ON/check
- Fuel pump OFF

TAXIING

- Belts/harnessfasten
- Fin Strobe.....ON
- Radio Master ON
- Aspen ON
- Autopilot Master.....ON
- Aviation Database..... valid
- ATISchecked

- Altimeter set
- Autopilot..... check
- Taxi area.....clear
- Brakes check
- Flight instruments..... check in turn

GROUND CHECK

- Throttle2000 RPM
- Magnetos..... check
- Carburetor heat..... check
- Engine gauges..... check
- Alternator load..... <25
- Alternate static port..... check
- Throttle idle check, 1000 RPM
- Annunciator panelpress-to-test
- Mixture.....RICH
- Fuel pump..... ON
- Fuel selector desired tank
- Trim tabs set
- Flaps check - set
- Controls free
- Directional gyro..... check
- Door/window latch
- Flight/engine instruments check
- Clearance received
- NAV-aids/departure briefing set/give
- Strobe / Nav lightON/ if required
- Emergency procedures review

ON RUNWAY

- Directional Gyro check RWY HDG
- Transponder.....ALT
- Landing light..... ON
- Pitot heat.....as required
- Takeoff time note

NORMAL TAKEOFF AND CLIMB

- Cruise climb 80-90 KIAS
- Flaps.....retract slowly
- Fuel pump..... OFF
- Landing light..... OFF

CRUISE

- Power..... SET
- Mixture adjust
- Carburetor heat check
- Icing check
- Fuel selector..... change every hour

BEFORE DESCENT

- Directional gyro set
- Fuel quantity check
- NAV-aids..... set & identify
- RAIM-checks (if applicable)
- Arrival/Approach.....set up*
- Plates and GPS.....match*

APPROACH BRIEFING

- Airport & approachname, type & RWY
- MSA..... check
- IAF & Entry..... decide
- Initial altitude decide
- Inbound track set
- OM/MM altitude..... check
- Minima/DP check
- Missed APCH procedure check

APPROACH AND LANDING

- Altimeter..... set
- Mixture full RICH
- Fuel selector..... proper tank

- Fuel pump ON
- Landing light..... ON
- Carburetor heat ON if required
- Flap set airspeed < 103 KIAS

- Carburetor heat OFF on short final
- Flaps as required

AFTER LANDING

- Flaps..... retract
- Fuel pump OFF
- Lights OFF
- Pitot Heat OFF
- Transponder..... STBY
- Landing time note

STOPPING ENGINE

- Electrical equipment & Radio Master.. OFF
- AspenOFF
- Autopilot Master.....OFF
- Mixture..... idle cut-off
- Magnetos OFF
- Battery Master & AlternatorOFF