

PA28 IFR CHECKLIST



BEFORE START

PRE-FLIGHT INSPECTION..... COMPLETED
TOWBAR.....REMOVED
SEATS, SEATBELTS..... ADJUSTED & LOCKED
PARKING BRAKE.....SET
FUEL SELECTOR.....RIGHT TANK
ELECTRICAL EQUIPMENT..... OFF
CIRCUIT BREAKERS..... CHECK CLOSED
FUEL PRIMER..... AS REQUIRED, THEN LOCKED
CARBURETOR HEAT..... OFF

ENGINE START

THROTTLE..... 1 CM OPEN
MIXTURE..... RICH (**ARM FOR WARM ENG**)
MASTER SWITCHES..... ON
FUEL PUMP..... ON
STROBE..... ON
PROP AREA..... CLEAR
MAGNETOS..... START
MIXTURE..... RICH AFTER IGNITION
OIL PRESSURE.....CHECK
THROTTLE..... 1000 RPM
FUEL PUMP..... OFF

BEFORE TAXI

ALTIMETERS..... SET QNH
COM / NAV.....SET
DEPARTURE BRIEFING..... COMPLETED
FLAPS..... CHECK → 0° / 25°
EXTERNAL LIGHTS..... AS REQUIRED

TAXI

BRAKES.....CHECK
INSTRUMENTS.....CHECK

TAKE-OFF BRIEFING

- ➔ Runway & Name of SID
- ➔ First turn
- ➔ First cleared altitude
- ➔ Transition altitude
- ➔ Radar frequency & when to contact
- ➔ Emergency briefing according e.g.
WX, terrain, RWY, performance, procedures...

RUN-UP

T/O & EMERGENCY BRIEFING..... COMPLETED
FLIGHT CONTROLS..... FREE & CORRECT
TRIM..... SET
MIXTURE.....RICH
THROTTLE..... 2000 RPM
MAGNETOS. CHECK (max – 175 RPM; max Diff 50)
CARBURETOR HEAT.....CHECK
ENGINE INSTRUMENTS.....CHECK
AMPEREMETER.....CHECK
LOADING
THROTTLE..... 1000 RPM

LINE-UP

DOOR & WINDOW..... LOCKED
FUEL PUMP..... ON
LANDING LIGHT..... ON
PITOT HEAT..... ON
TRANSPONDER.....ALT
GYRO..... CHECK RWY HDG
TIME.....NOTE

AFTER TAKE-OFF

FUEL PUMP..... OFF
LANDING LIGHT..... OFF
FLAPS..... 0°
ALTIMETERS.....QNH / 1013 hPa

APPROACH

CARBURETOR HEAT.....AS REQUIRED
FUEL SELECTOR..... FULLEST TANK
APPROACH-BRIEFING.....COMPLETED
NAV SETTING.....COMPLETED
ALTIMETER..... QNH

FINAL

FUEL PUMP..... ON
LANDING LIGHT..... ON
CARBURETOR HEAT..... ON
FLAPS..... AS REQUIRED

AFTER LANDING

FUEL PUMP..... OFF
LANDING LIGHT..... OFF
CARBURETOR HEAT..... OFF
TRANSPONDER.....SBY
FLAPS..... 0°
TRIM.....NEUTRAL
LANDING TIME.....AUFZEICHNEN

PARKING

PARKING BRAKE.....AS REQUIRED
ELEC. CONSUMERS..... OFF
LIGHTS (EXC. AUSSER STROBE)..... OFF
MIXTURE.....CUT-OFF
MAGNETOS..... OFF
MAIN SWITCHES..... OFF

BETRIEBSGRENZEN & MEHR

GESCHWINDIGKEITEN
V_x.....63 kt
V_y.....79 kt
Bestes Gleiten.....73 kt
Massen
Leermasse..... 695 kg
max Startmasse..... 1055 kg
max Zuladung..... 360 kg