

PA-32RT-300 Normal Checklist

Before Start

Walk Around..... Completed
Seat Belts..... Fastened
PIC Established

Engine Start

Parking Brake..... Set
Fuel Desired Tank
Alternate Air..... Off
Master Switch On
3-in-the-green Check
Fuel Pump On
Throttle ¼"
Mixture (Prime)..... Full Rich
CLEAR/Starter Engage
Throttle Idle
Mixture..... Lean for Taxi
Oil Pressure Check
Load Meter Check
Fuel Pump Off
Fuel Pressure Check

After Start

Avionics Master On
Transponder..... Set
Circuit Breakers..... Check
GPS Database Valid
ATIS Check

Before Taxi

Transponder..... Set
Initial Altitude Set
Initial Heading Set
COM/NAV..... Set

Taxi

Exterior Lights..... Set
Brakes..... Check
Heading Indicator $\pm 5^\circ$
Attitude Indicator..... Check
Turn Coordinator Check

Engine Run-Up

Parking Brake..... Set
Mixture..... Full Rich
Prop Full Forward
Throttle 2000 RPM
Mags..... Check L & R
(max drop 175; max Δ 50)
Alternate Air..... Check
Prop Cycle
(↓ RPM ↑ Man pres ↓ Oil pres)
Vacuum 4.9"-5.1"
Load Meter Check
Fuel Pressure Check
Oil Pressure/Temp Check
Alternate Static Check
Annunciator Lights Check
Throttle Idle

PA-32RT-300 Normal Checklist

Before Take Off

Flight Controls Check
Flight Instruments Check
Alternate Air Off
Flaps Set
Trim Set

Take Off Distance Briefed
Take Off Minimums Briefed
Departure Procedure ... Briefed
Lost Comms Briefed

---- ENTERING RUNWAY ----

Time Off Noted
Doors and Windows Closed

Exterior Lights Set
Fuel Pump On
Mixture Full Rich
Prop Full Forward

After Take Off

Landing Gear Up
Mixture Constant EGT

Cruise

Fuel Pump Off
Throttle & Prop ... \leq 65% Power
Mixture 100-150°F ROP

Approach & Landing

Altimeter Set
DA/MDA Bugged in MSL

Airspeed < 129 KIAS
Landing Gear Down
Throttle 17"
Prop 2400 RPM
Mixture Constant EGT
Pitch 100 KIAS

Go Around

Throttle Full Power
Prop Full Forward
Landing Gear Up

---- WHEN CALM ----

Fuel Pump On
Mixture Full Rich

V-Speeds

V_A 112-132 KIAS
V_{LE} 129 KIAS
V_{LO} 106 KIAS
V_X 68 / 87 KIAS
V_Y 87 / 92 KIAS
V_{CC} 104 KIAS
V_{REF} (Normal) 95 KIAS
V_{REF} (Short Field) 75 KIAS