

OFFICIAL PILOT'S CHECK LIST

ANTONOV AN-2, SHVETSOV ASH-62 nine cylinder radial engine

BEFORE ENGINE START

All Doors [OPEN](#)

Battery Switch [ON](#)

Nav Lights [ON](#)

Air System Charging Valve [OPEN](#)

Parking Brake [ON](#)

Check Local ATIS Information

USE [LOAD MANAGER](#) TO LOAD PASSENGERS, CARGO & FUEL

Contact ATC for Flightplan Clearance

Electrical Switches [ON \(6 switches right of Battery\)](#)

Oil Shutter Circuit Breaker [ON](#)

Engine Cowl Circuit Breaker [ON](#)

Anti Fire System Circuit Breaker [ON](#)

Chip Monitoring Button [PRESS ONCE TO TEST, THEN SWITCH OFF](#)

External Stairs [STOWED \(Ctrl+Shift+2 from VC\)](#)

Doors [CLOSED](#)

Contact ATC for Start Up and Pushback Clearance

ENGINE START

Propeller Lever [FORWARD](#)

Mixture Lever [BACKWARD \(Full Rich\)](#)

Fuel Valve [OPEN](#)

Magnetos [1+2 ON](#)

Fuel Pump Switch [ON](#)

Starter Circuit Breaker [ON](#)

Primer Pump Lever [5 TIMES](#)

Inertial Clutch Switch [INERTIAL](#)

Inertial Clutch Switch [CLUTCH \(When Ampmeter shows 8\)](#)

Throttle Lever [SET 700 RPM](#)

PRE TAXI

Generator Switch **ON**
Power Inverter Switch **MAIN**
Avionics Switches **ALL ON (Except GPS)**
Fast Slave Buttons **PRESS**
Altimeter **SET**
Directional Gyro **SET**
Taxi Lights **ON**
Pitot Heat Switch **ON IF OAT BELOW 0°**

Contact ATC for Taxi Clearance

Throttle Lever **REDUCE BEFORE TAXI OUT**
Parking Brake **OFF**

HOLD SHORT

Trim Switches **SET**
Flaps **SET (15°)**
Cowl Flaps Switch **OPEN**
Oil Cooler Shutter Switch **OPEN**
External Lights **TAXI OFF**
External Lights **LANDING ON**
External Lights **STROBE ON**

TAKE OFF

Rotate **90 Km/h (If Flaps 15° - otherwise 140 Km/h)**

CLIMB

Above 150 Ft **FLAPS 10°**
Above 140 Km/h **FLAPS 0°**
Climb Rate **600 Ft/Min OR 150 Km/h**
Lights **AS REQUIRED**

CRUISE

Monitor Engine Performance

Oil Temperature **60-75°**
Cylinder Head Temperature **150-215°**

50nm from destination - Check ATIS Information

DESCENT

Contact ATC for Descent Clearance

Rate of Descent 190 - 220 Km/h (Turbulent - Calm)
Carburetor Heat ON IF OAT BELOW -15°
Flaps AS REQUIRED

APPROACH

Propeller Lever FORWARD
Approach Speed MAX 140 Km/h
Flaps AS REQUIRED (15°)
Landing Lights ON
Tail Wheel Lock ON

TAXI TO GATE

Contact ATC for Parking Information

Tail Wheel Lock OFF
Landing Lights and Strobe Light OFF
Taxi Lights ON
Flaps UP

ARRIVAL AT GATE

Parking Brake ON
Doors OPEN
External Stairs LOWERED (Ctrl+Shift+2 from VC)
Pitot Heat Switch OFF
Avionics Switches OFF
Throttle Lever SET 800 RPM
Cylinder Head Temperature ALLOW TO COOL TO BELOW 120°
Electrical Switches OFF
Throttle Lever SET 1700 RPM, THEN 800 RPM
Fuel Valve CLOSED
Throttle Lever SET 0 RPM
Cowl Flaps Switch CLOSED
Oil Cooler Shutter Switch CLOSED
Air System Charging Valve OPEN
Oil and Air System Purge DONE
Lights OFF