LSVR-Checklist Piper PA-28-181 Archer III D-EXHV

COCKPIT CHECKLIST

APPROACH

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APPROACH

HANGARING

NAVLIGHT Kevs AVAILABLE AS REQUIRED Towing Bar **STOWED** STROBES AS REQUIRED Preflight Inspection COMPLETED (acc. POH) Avionic Master ON Passenger Briefing COMPLETED Transponder STANDBY Papers ON BOARD Altimeter SET Seats LOCKED SET Gyro **FASTENED** AS REQUIRED Seat Belts Mixture Parking Brake SET TAXI Circuit Breakers CHECKED, ALL IN

Cabin Door CLOSED/LATCHED

Brakes CHECKED
Flight Controls FREE and CORRECT
Flaps DOWN and UP
Flight Instruments CHECKED
Flight Instruments CHECKED

RUN UP BEFORE START-UP Parking Brake SET Avionic Master OFF Magnetos Check TROTTLE 2000 RPM ON Battery + Alt Master --> RPM DROP < 175 MAG 1 + 2 ON --> RPM DIFF < 50 ON Carburetor Heat --> RPM DROP < 75 OFF Eng. Instruments CHECKED CHECKED Suction **CHECKED FULLEST TANK** Amperemeter CHECKED CHECKED Annunciator Panel Throttle IDLE then 1000 RPM

> **BEFORE TAKEOFF** Engine Run up COMPLETED Fuel Pump ON Mixture RICH DEP/EMER-Brief. COMPLETED Flight Controls CHECKED Trim SET FOR T/O ATC-Clearance **RECEIVED** COM/NAV SET FOR DEP

CLEARED FOR TAKEOFF
Landing Light ON
Transponder Mode ALT
Pitot Heat ON for IFR-Flights
Gyro CHECKED

AFTER TAKE OFF
Flaps UP
Landing Light OFF
Cruise Climb 87 kt

 CRUISE

 Throttle
 2200 - 2500 RPM

 Fuel Pump
 OFF

 Trim
 ADJUST

 Mixture
 LEAN TO MAX RPM

 (Smooth operation)
 THEN MINUS 50° F

Emergency Procedures POH Section 3

Normal Procedures POH Section 4

APPROACH SEATS UPRIGHT Seat Belts **FASTENED** ATIS / WX COPIED Altimeter SET ONH Gyro CHECKED Fuel Pump ON (Temperature < 13° C) FULLEST TANK Fuel Selector Mixture RICH COM / NAV SET FOR APPR

FINAL CHECKLIST

Landing Light ON

Mixture RICH

Carburetor Heat ON

Flaps SET

Approach Speed 75 kt

Final Speed 66 kt (Full Flaps)

AFTER LANDING
Flaps UP
Transponder STAND BY
Landing Light OFF
Pitot Heat OFF

PARKING Avionic Master OFF IDLE CUT OFF Mixture Nav Lights OFF Strobes STAYS ON MAG 1 + 2 OFF Magnetos / Keys OFF & OUT Battery + Alt Master OFF Fuel Selector LEFT or RIGHT Throttle IDLE

Cher III D-EXHV
HANGARING
Aircraft & Cabin

Malfunctions
Documents

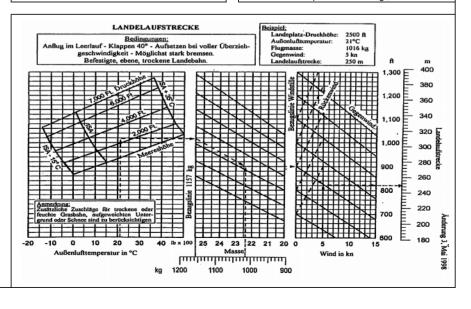
REPORTED
COMPLETED

Reservations

TERMINATED

Typical Airspeeds (KIAS) VR Rotation Speed 55 kt VA Maneuvering Speed Normal Operation At 1157 kg 113 kt VGL Best Glide 76 kt VX Best Angle of Climb 64 kt VY Best Rate of Climb 76 kt VNE Never Exceed 154 kt VNO Max Struct Cruise 125 kt Vs Stall Speed 50 kt Vso Landing Conf 45 kt VFE Flaps 10° 102 kt VFE Flaps 10-40° 102 kt Max Xwind Component Start: 17 kt

Max Xwind Component Landung; 17 kt



Strobes Autopilot Fuel Quantity Fuel Selector **Engine Startup Engine COLD?** Only in this case Prime **ENGINE NOT START!** Throttle PUSH IN (OPEN) 6 mm Fuel Pump ON Mixture RICH Propeller AREA CLEAR IGNITION START Pump Trottle rapidly TWO STROKES Return Throttle PUSH IN (OPEN) 6 mm THROTTLE 1000 RPM When Engine starts OFF Fuel Pump Oil Pressure CHECKED Engine WARM? Only in this case Throttle PUSH IN (OPEN) 13 mm Fuel Pump ON **RICH** Mixture Propeller AREA **CLEAR** IGNITION START Pump Trottle rapidly TWO STROKES Return Throttle PUSH IN (OPEN) 13 mm When Engine starts THROTTLE 1000 RPM Fuel Pump OFF Oil Pressure CHECKED If Engine is flooded Throttle **FULL** Fuel Pump OFF Mixture IDLE / CUTOFF CRANK ENGINE When Engine starts:

FULL RICH

Full Startup Procedure - see POH!

THROTTLE 1000 RPM

MIXTURE

THROTTLE