

# NORMAL CHECKLIST PA 28-161 „CADET“

PREFLIGHT
Outside check .....completed
Inside Check.....completed
Batterie & Alternator .....on
Fuel Selector ..... fullest Tank

ENGINE START
Strobe lights.....on
Electr.Fuel pump.....on
Mixture .....rich
Throttle..... 0,5cm open
Propeller area ..... clear
Engine starter ..... Start
Oilpressure .....green arc
Amps Meter.....checked

AFTER STARTING ENGINE
Coms- & Navs .....on
Electr.Fuel pump..... off
All Instruments ..... set & checked

DURING TAXIING
Brakes .....checked
Instruments .....checked
Controls ..... check free

This Checklist is a summary from the Pilots Operating Handbook, and as such does not replace the normal procedures.

RUN - UP
Magnetos .....checked @ 2000 RPM
Carburator Heat .....checked @ 2000 RPM
Oil pressure.....checked @ 2000 RPM
Suction .....checked @ 2000 RPM
Idle Speed .....checked, then 1000 RPM

BEFORE TAKEOFF
Dep. & Emer. Briefing ..... completed
Magnetos ..... Both
Carburator Heat ..... off
Trim..... neutral
Mixture ..... rich
Door & Window ..... closed
Flaps.....set

CLEARED FOR TAKEOFF
Electr.Fuel Pump ..... on
Transponder.....ALT
Directional Gyrol .....geprüft

SPEEDS
VX..... 63 KIAS
VY..... 79 KIAS
Cruise Climb..... 87 KIAS
VREF Flaps 40° ..... 63 KIAS
VREF Flaps 0° ..... 69 KIAS
Best Glide..... 73 KIAS

# WESTFLUG AACHEN

AFTER TAKEOFF
Flaps ..... up
Throttle..... max Power
Carburator Heat..... off
Electr.Fuel Pump..... off

BEFORE LANDING
Appr. Briefing..... completed
VREF/VTGT ..... /_ Kts
Electr. Fuel Pump..... on
Fuel Selector ..... fullest Tank
Mixture ..... rich

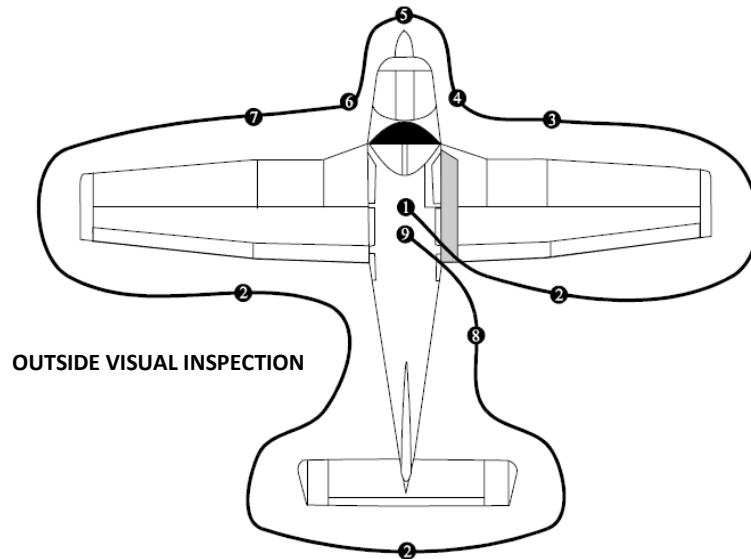
FINAL
Electr. Fuel Pump..... on
Carburator Heat..... as required
Mixture ..... rich
Flaps ..... set

AFTER LANDING
Electr.Fuel Pump..... off
Carburator Heat..... off
Transponder ..... SBY
Flaps ..... up

SHUTDOWN
Com - & Navs ..... off
Mixture .....closed
Magnetos..... off
All Lights & switches ..... off
Parking Brake..... as required

## OUTSIDE CHECK PA 28-161 „CADET“

## WESTFLUG AACHEN



OUTSIDE VISUAL INSPECTION

### Attention!

Check the overall condition of the airplane during the walk around and visual inspection. In cold weather even the slightest patches of snow or ice should be removed from wing, tail and control surfaces. Also make sure there is no ice or debris at the inside of the rudder.

1. a) Master switch and magnetos ..... off
2. a) connections and hinges. Condition of Surface of wing.. checked.
3. a) Fuel quantity, fuel cap ..... visual checked  
b) Fuel drainer ..... drain, check for water  
c) Fuel vent ..... check open  
d) Main Landing gear strut .....check pressure (approx.. 5 cm out)  
e) Brake and brake lines ..... check for leaks.  
f) Wheels, tire, tire pressure, thread .....visual inspection.
4. a) Engine oil .....check level, colour  
b) Overall view of engine area ..... check for oil- or fuel leaks.  
c) Cowling ..... proper closed
5. a) Windscreen ..... clean, no cracks  
b) Propeller and spinner .....check for cracks and notch  
c) Air intakes .....visual inspection  
d) Nosewheel, tire, pressure, thread .....visual inspection  
e) Nose gear strut .....check pressure (approx.. 7 cm out) (ca. 7 cm ausgefahren).
6. a) Fuel system ..... drain
7. a) Same as No 3 in addition Pitot tube ..... check open
8. a) Control locks and tie downs ..... check removed  
b) Luggage ..... stowed
9. a) Inside cabin .....check controls free  
b) Cabin door ..... closed  
c) Papers ..... on board