

DEAN INTERNATIONAL INC.

305-259-5611

Web: <http://www.flymiami.com>

THIS CHECKLIST IS THE STANDARD FOR PILOT TRAINING AT DEAN INTERNATIONAL, INC.

(This checklist is not intended to replace the POH)

V/R - Verbal Response Only

C/R - Challenge & Response

N/R - Non-Response

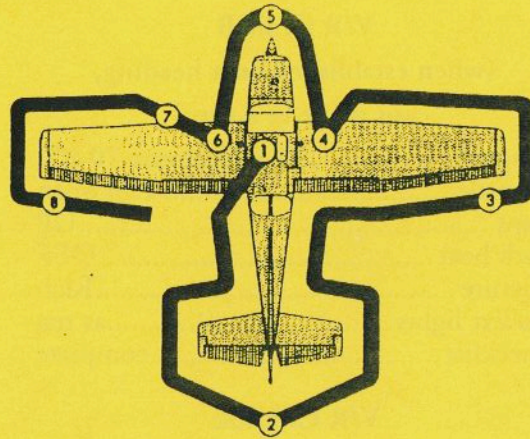
V/R AIRCRAFT ACCEPTANCE

- Maintenance status.....checked
- Emergency & Safety equip.....checked
- Hobbs meter.....recorded
- Tachometer time.....recorded
- A.R.R.O.W.....checked
- Checklist.....complete

CESSNA 172 N

“V” SPEEDS (KIAS)

- VSO41
- VS47
- VR.....55
- VX.....60
- VY.....76
- VFE 0° - 10°110
- VFE 10° - 40°85
- VA.....97
- VNO128
- VNE.....160
- MAX CROSS WIND15
- BEST GLIDE65



WALK-AROUND

NORMAL PROCEDURES CHECK LIST

PREPARATION

- Airplane status .airworthy, papers on board
- Weathersuitable
- Baggage.....weighed, stowed, tied
- Weight and C.G.within limits
- Navigationplanned
- Charts and navigation equipment on board
- performance and range.computed and safe

N/R PREFLIGHT CHECK

1 CABIN

- Airplane flight manual.....in airplane
- Control wheel lockremove
- Ignition switchOFF
- Avionics power switchOFF
- Master switchON
- Flaps.....down
- Fuel Quantity indicatorscheck
- Master switchOFF
- Static Pres Alt Source ValueOFF
- Empty seats.....fasten belts

2 EMPENNAGE

- Baggage door.....check/lock
- Rudder gust lock.....remove
- Tail Tie-down.....disconnect
- Control Surfaces.....check

3 RIGHT WING TRAILING EDGE

- Aileron & Flapchecked

4 RIGHT WING

- Wing tie-downdisconnected
- Main Wheel tire.....check
- Strut, tire & brakechecked
- Fuel drainchecked
- Fuel quantitychecked visually

5 NOSE

- Engine oil level.....checked
- Fuel strainer.....checked
- Propeller and Spinnerchecked
- Alternator Beltchecked
- Landing Light(s).....checked
- Carburetor Air Filter.....clear
- Nose Wheel Strut and Tirechecked
- Static Source opening (left side)....checked

6 LEFT WING

- Main Wheel Tirechecked
- Fuel Drainchecked
- Fuel Quantity.....checked visually
- Fuel Filler Cap.....secured

7 LEFT WING LEADING EDGE

- Pitot Tube Cover.....removed
- Fuel Tank Vent.....clear
- Stall Warning.....clear
- Wing Tie-down.....disconnected

8 LEFT WING TRAILING EDGE

- Aileron & Flapchecked

C/R BEFORE STARTING ENGINE

- Preflight.....complete
- Passenger brief.....complete
- Seat/seat beltsadj/lock
- Parking brakesset
- Charts/Equip.....ready
- Avionics/Elect switches.....OFF
- Circuit breakerscheck
- Alt static sourceOFF
- Fuel selectorsBOTH
- Checklistcomplete

C/R STARTING ENGINES

- Carb heat.....off
- Mixture.....rich
- Cold engine/throttle.....2 strokes
- Hot engine/throttle.....1 stroke
- Primer.....locked
- Beacon lighton
- Battery switchon
- Panel lightingas required
- Propeller areaclear
- Magneto switch.....to start
- Throttle.....1000 rpm
- Oil pressure.....within 30 sec
- Engine Gaugescheck
- Alternator.....on
- Ammetercheck
- Night ops/nav lgtsON
- Flapsup, ck at 10°
- Mixturelean for taxi
- Checklist.....complete

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C/R BEFORE TAXI

Clocks/timers.....set and check
Avionics/masterON
Atis/clearancesas required
Nav/Special EquipON/test
Freqs/coursesset
Transpondercode set/stby
GPS.....set
Altimeterset
Gyro/flight instrset
Def/Cabin heatcheck
Brakes (Both sides)release/test
Radio Callsas required
Checklistcomplete

C/R DURING TAXI

Flight controlsfor wind
Alt Static Sourcecheck/OFF
Magnetic compassfluid full,
.....swings freely, $\pm 10^\circ$
Airspeed indicatoron zero
Attitude indicator set, max prec 5° in turns
Turn Coordinator shows turns, race full, ball free
Directional Gyroset to compass,
.....shows turns
VSIindicates zero
Checklistcomplete

C/R BEFORE TAKEOFF/ RUN UP

Brakesset (nosewheel straight)
Doors and Windows.....closed and latched
Throttles1000 rpm
Primers.....check locked
Fuel selectorBoth
Clearanceas required
Avionics/Chartsprepared
Freq/Courses/Xpdrset
Flight inst'scheck/set
Run up Mixturerich
Throttle.....1700 rpm
Carb heatcheck ON
.....(note drop in rpm), turn OFF
Mag Dropcheck (max 125/ \pm 50 L-R)
Engine gauge/Ammetercheck
Vacuum gaugecheck (between 4.5-5.4)
Circuit breakerscheck
Mixturefor density alt
Throttle.....1000 rpm
Flight Controlsfree & correct
Flapsset $0^\circ / 10^\circ$ check
Trimset for t/o
Int/Ext lightsset
Pitot heatas req
Seats/beltssecured
Take off Strobe lightsON
TransponderON/ALT (Code set)
MixtureSet for t/o
Parking Brakereleased
T/O TimeNote as req
Flight controlsfor wind
.....verbally note the direction of wind
Self briefpower loss
Trafficcheck
Contact towercheck
Checklistcomplete

V/R CLIMB

(when established on a heading,
not while in a turn)

Airspeed70-80(enroute 70-85)
Throttle Full open
FlapsUP
Carb heatOFF
MixtureRich
Int/Ext lightsas req
Checklistcomplete

V/R CRUISE

Powerset
MixtureLean
Flight inst'sset as req
Gauges/breakersscan
Checklistcomplete

C/R DESCENT

ATIS/AWOSacquire
Flt & Nav instrumentsset/ident
Altimeterset
Headingset
Approach Briefingcomplete
Fuel selectorBOTH
MixtureEnrich as req
Carb heaton
Throttleas required
Checklistcomplete

C/R BEFORE LANDING

Seat/beltssecured
Fuel selectorBoth
MixtureRich
Carb Heaton
Airspeed60-70kts
Int/Ext lightsset
Autopilot/air condOFF
Checklistcomplete

C/R GO AROUND

ThrottleFull on
Carb heatoff
Flapsup, step by step
AirspeedVy (76kts)
Checklistcomplete

V/R AFTER LANDING

FlapsUp
Carb heatOFF
Strobes/Pitot heatOFF
Transponderstby or OFF (set 1200)
MixtureLean for taxi
Trimreset neutral
Landing lightas req/OFF
Radio callsas required
Flight controlsfor wind
Checklistcomplete

V/R SHUTDOWN

Throttles1000 rpm
UNICOMcall for fuel
Avionics (master)OFF
Elec SW's /air condOFF
Mixturesidle cutoff
MagnetoOFF, key out
AlternatorOFF
Master switchOFF
Checklistcomplete

V/R SECURING

Logs/Squawksnote as req
Controls/windowsecure
Belongingsremove
Master switchverify OFF
Lock/chocks/tieas req
VFR Flight Planclose

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