

## Cockpit Pre-Flight

1. Documents on board - AROW
2. Master Switch - ON
3. Fuel Gauges - CHECK
4. Flaps - DOWN
5. Master Switch - OFF
6. Control Lock - REMOVE

## Exterior Inspection

1. Left Wing Flap - CHECK
2. Left Wing Aileron - CHECK
3. Pitot Tube - CHECK
4. Stall Warning Opening - CHECK
5. Left Wing Fuel Qty - CHECK
6. Left Wing Fuel Sump - DRAIN
7. Left Main Gear - CHECK
8. Left Tire & Brake - CHECK
9. Baggage Compartment - CHECK
- 9a. Fuselage - Left Side - CHECK
10. Tail Control Surfaces - CHECK
11. Fuselage - Right Side - CHECK
12. Right Wing Flap - CHECK
13. Right Wing Aileron - CHECK
14. Right Wing Fuel Qty - CHECK
15. Right Wing Fuel Sump - DRAIN
16. Right Main Gear - CHECK
17. Right Tire & Gear - CHECK
18. Engine Cowling - SECURE
19. Engine Fuel Strainer - DRAIN
20. Engine Oil Qty - CHECK  
Max 6 qts - Min 4 qts of A/S 15W-50
21. Engine Area - CHECK
22. Propeller Condition - CHECK
23. Landing/Taxi Lights - CHECK
24. Carb Air Filter - CHECK
25. Nose Gear Strut & Tire - CHECK
26. Static Port - CHECK

*Skyhawk*

# Cessna 172N

## Checklist

*For Training Purposes Only*

Revision 01-2008

## Before Starting

1. Brakes - SET
2. Seats - SECURE
3. Seat Belts - SECURE
4. Avionics - OFF
5. Lights & Electrical Equip - OFF
6. Circuit Breakers - IN
7. Fuel Selector - BOTH

## Engine Starting

1. Master Switch - ON
2. Mixture - RICH
3. Carburetor Heat - COLD
4. Prime - AS REQUIRED
5. Primer - LOCK
6. Throttle - OPEN 1/8"
7. Area - CLEAR
8. Magnetos/Starter - ENGAGE
9. Throttle - 1000 RPM's
10. Oil Pressure - CHECK
11. Low voltage light out - VERIFY
12. Lights - Strobes & Beacon AS REQ'D
13. Avionics - ON
14. Flaps - UP
15. GPS - PRESS ENTER TWICE  
AFTER SELF-TEST

## Before Take-Off

1. Brakes - SET
2. Doors/Windows - LOCK
3. Seats & Seat Belts - SECURE
4. Flight Controls - CHECK
5. Flight Instruments - SET
  - Altimeter
  - Directional Gyro
  - Attitude Indicator
6. Mixture - RICH
7. Throttle - 1700 RPM's
8. Magnetos - CHECK
  - Max Drop 125 RPM's
  - Max Diff 50 RPM's
9. Carburetor Heat - CHECK
10. Ammeter/Low Volt Light - CHECK
11. Suction - GREEN ARC
12. Engine Instruments - CHECK
13. Throttle - IDLE
14. Trim - SET
15. Fuel Selector - BOTH
16. Transponder - ALT
17. Radios - SET

## Normal Take-Off

1. Flaps - 0-10°
2. Mixture - AS REQUIRED
3. Carburetor Heat - COLD
4. Throttle - MAX POWER
5. Rotate - 55-60 Knots
6. Climb Speed - 74 Knots

## Short Field Take-Off

1. Flaps - 10 DEGREES
2. Brakes - APPLY FULL
3. Mixture - RICH
4. Carburetor Heat - COLD
5. Throttle - MAX POWER
6. Brakes - RELEASE
7. Rotate - 55 Knots
8. Climb Speed - 59 Knots
9. Obstacles - CLEAR
10. Flaps UP, Climb 73 Knots

## Before Landing

1. Seats/Seat Belts - SECURE
2. Fuel Selector - BOTH
3. Mixture - RICH
4. Carburetor heat - ON
5. Lights - AS REQUIRED
6. Approach Speed - 60-70 Knots

## Aborted Landing

1. Throttle - FULL
2. Climb - ESTABLISH
3. Flaps - Retract to 20°
4. Climb Speed - 59 Knots
5. Carb Heat - OFF
6. Flaps - RETRACT

## After Landing

1. Flaps - UP
2. Carburetor Heat - OFF

## Shut Down

1. Lights - OFF
2. Avionics - OFF
3. Mixture - CUT-OFF
4. Magnetos - OFF
5. Master Switch - OFF
6. Noise Red. Headset - TURN OFF
7. Control Lock - INSTALL

V<sub>so</sub> - 42 Knots  
V<sub>x</sub> - 59 Knots  
V<sub>y</sub> - 74 Knots  
Best Glide - 65 Knots