

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

CESSNA 172 N

PILOT'S CHECKLIST EMERGENCY PROCEDURES

ENGINE FAILURES

V/R Engine Failure During Takeoff Run

Throttle IDLE
Brakes APPLY
Wing Flaps RETRACT
Mixture IDLE CUT-OFF
Ignition Switch OFF
Master Switch OFF

V/R Engine Failure Immediately After Takeoff

NOSE DOWN
Airspeed 65 KIAS (flaps up)
..... 60 KIAS (flaps down)
Mixture IDLE CUT-OFF
Fuel Selector OFF
Wing Flaps AS REQUIRED
Master Switch OFF

V/R Engine Failure During Flight

Airspeed 65 KIAS
Best place to land
Checklist:
Seatbelts LOCKED
Fuel Selector BOTH
Mixture RICH
Carb Heat ON
Ignition Switch BOTH
(or START if propeller is stopped)
Primer IN and LOCKED
Declare Emergency 121.5
Transponder 7700

FORCED LANDINGS

V/R Emergency Landing Without Engine Power

Airspeed 65 KIAS (flaps up)
..... 60 KIAS (flaps down)
Mixture IDLE CUT-OFF
Fuel Selector OFF
Ignition Switch OFF
Wing Flaps AS REQUIRED
..... (40° recommended)
Master Switch OFF
Doors UNLATCHED prior to touchdown
Touchdown Slightly TAIL LOW
Brakes APPLY HEAVILY

V/R Precautionary Landing With Engine Power

Airspeed 60 KIAS
Wing Flaps 20°
Selected Field FLY OVER
Avionics Power Switch OFF
Electrical Switches OFF
Wing Flaps 40°
Master Switch OFF
Doors UNLATCHED prior to touchdown
Touchdown Slightly TAIL LOW
Ignition Switch OFF
Brakes APPLY HEAVILY

V/R Ditching

Radio TRANSMIT MAYDAY
Heavy Objects SECURE
Approach:
High Winds, Heavy Seas INTO WIND
Light Winds, Heavy Swells
..... PARALLEL TO SWELLS
Wing Flaps 20° to 40°
Power (300 feet/minute descent) .. 55 KIAS
If No Power:
0° Flaps 65 KIAS
10° Flaps 60 KIAS
Doors UNLATCHED
Touchdown (300 feet/minute descent)
..... LEVEL ALTITUDE
Face CUSHION
Airplane EVACUATE
Life Vest and Raft INFLATE

FIRES

V/R During Start On Ground

Ignition CONTINUE CRANKING

If Engine Starts:

Power 1700 RPM for a few minutes

Engine SHUTDOWN

If Engine Fails to Start

Ignition ... CONTINUE CRANKING

Throttle FULL OPEN

Mixture IDLE CUT-OFF

Fire Extinguisher OBTAIN

Engine SECURE

Master Switch OFF

Ignition Switch OFF

Fuel Valve OFF

Fire EXTINGUISH

V/R Engine Fire In Flight

Mixture IDLE CUT-OFF

Fuel Selector OFF

Cabin Heat and Air OFF

..... (except overhead vents)

Airspeed 100 KIAS+

Forced Landing EXECUTE

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V/R Electrical Fire In Flight

Master SwitchOFF
Avionics Power SwitchOFF
All Other Switches (Except Ignition) .OFF
Vents/Cabin Air/HeatCLOSED
Fire ExtinguisherACTIVATE
Cabin.....VENTILATE
If fire is out and electrical power is needed:
Master SwitchON
Circuit BreakersCHECK
RadiosOFF
Avionics Switch.....ON
Radio and Electrical (one at a time)ON
Vents/Cabin Air/Heat.....OPEN

V/R Cabin Fire

Master SwitchOFF
Vents/Cabin Air/HeatCLOSED
Fire ExtinguisherACTIVATE
Cabin.....VENTILATE
Land The Airplane
.....AS SOON AS POSSIBLE

V/R Wing Fire

Navigation Light SwitchOFF
Pitot Heat Switch.....OFF
Strobe Light Switch.....OFF
Side SlipEXECUTE
Land the AirplaneAS SOON AS POSSIBLE

ICING

V/R Inadvertant Icing Encounter

Pitot Heat Switch.....ON
Altitude.....ADJUST
Cabin HeatON
Throttle.....INCREASE
Carb Heat.....AS REQUIRED
Land the AirplaneAS SOON AS POSSIBLE
Forward Slip(for visibility)AS REQUIRED
Flaps.....UP
Airspeed (depending on ice) ...65-75 KIAS
Landing AttitudeLEVEL

V/R Static Source Blockage

(Erroneous Instrument Reading Suspected)

Alternate Static Source.....PULL ON
AirspeedCONSULT POH

LANDING WITH A FLAT MAIN TIRE

Approach.....NORMAL
TouchdownGOOD TIRE FIRST

CESSNA 172 N

ELECTRICAL POWER SUPPLY SYSTEM MALFUNCTIONS

V/R Ammeter Shows Excessive Rate of Charge (Full Scale Deflection)

AlternatorOFF
Alternator Circuit BreakerPULL
Nonessential Electrical EquipmentOFF
Flight.....TERMINATE

V/R Low -Voltage Light Illuminates During Flight (Ammeter Indicates Discharge)

Avionics Switch.....OFF
Alternator Circuit BreakerCHECK IN
Master SwichOFF (both sides)
Master Swich.....ON
Low-Voltage Light.....CHECK OFF
Alternator Power Switch.....ON
If low-voltage light illuminates again:
AlternatorOFF
Nonessential Electrical EquipmentOFF
FlightTERMINATE

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