

## NORMAL CHECKLIST

Piper 28-140

### PRESTART CHECKLIST

- 1.Preflight Inspection . . .COMPLETED
- 2.Parking Break . . . . . ON
- 3.Seat & belts . . . . . ADJ/LOCKED
- 4.Radio/El.Equipment . . . . .OFF
- 5.Circuit Breakers . . . . . CHECK
- 6.Maps & Flightplan . . . . .READY

### START ENGINE CHECKLIST

- 1.Fuel Selector . . . . . FULLEST TANK
- 2.Mixture . . . . . RICH
- 3.Carb. Heat . . . . . OFF
- 4.Prime . . . . . AS REQ
- 5.Throttle . . . . . OPEN 1cm
- 6.Master . . . . . ON
- 7.Beacon . . . . . ON
- 8.Fuel Pump . . . . . ON
- 9.Magnetos . . . . . LEFT
- 10.Propeller Area . . . . .CLEAR

### **START ENGINE**

### AFTER START CHECKLIST

- 1.Throttle . . . . . 1000RPM
- 2.Oil Pressure . . . . .**CHECK**
- 3.Magnetos . . . . . BOTH
- 3.Fuel Pump . . . . . OFF
- 3.External Lights . . . . . AS REQ
- 4.Radio/Intercom/ATIS . . . . .ON

### TAXI CHECKLIST

- 1.Taxi Light . . . . . AS REQ
- 2.Brakes . . . . . TEST
- 3.Gyros . . . . . CHECK

### ENGINE RUN-UP CHECKLIST

- 1.Parking Brake. . . . .ON
- 2.Taxi Light . . . . .OFF
- 3.Throttle . . . . . 1700RPM
- 4.Magnetos . . . . .CHECK
- 5.Carb. Heat . . . . . CHECK
- 6.Engine Instruments . . . . .**CHECK**
- 7.Ammeter . . . . .CHECK
- 8.Suction Gage . . . . .CHECK
- 9.Idle . . . . .CHECK

### BEFORE TAKEOFFCHECKLIST

- 1.Cabin Door . . . . .LOCKED
- 2.Flight Contr. . . . . FREE
- 3.Flight Instruments . . . . . SET
- 4.Flaps . . . . . SET
- 5.Fuel Selector . . . . . FULLEST TANK
- 6.Mixture . . . . . RICH
- 7.Carb. Heat . . . . . OFF
- 8.Fuel Pump . . . . . ON
- 9.Magnetos . . . . . BOTH
- 10.Trim . . . . . NEUTRAL
- 11.TO&Emerg.Brefing. COMPLETED

### LINEUP CHECKLIST

- 1.Landing Light . . . . . AS REQ
  - 2.Gyro . . . . . CHECK RWY
  - 3.Transponder . . . . . AS REQ
- Vr 60mph, Vx 74mph, Vy 85mph

### CLIMB CHECKLIST

- 1.Flaps . . . . . UP
- 2.Landing Light . . . . . AS REQ
- 3.Fuel Pump . . . . . OFF

## EMERGENCY CHECKLIST

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### ENGINE FAILURE

- 1.Glide speed . . . . . 85MPH
- 2.Head for emergency field.

### **RESTART**

- 1.Primer . . . . . LOCKED
- 2.Master . . . . . ON
- 3.Magnetos . . . . . BOTH
- 4.Fuel Pump . . . . . ON
- 5.Carb. Heat . . . . . ON
- 6.Mixture . . . . . RICH
- 7.Fuel Selector . . . . .CHANGE TANK

### **IF NO START**

- 1.Mayday Call.
- 2.ELT . . . . . ON
- 3.Fuel Selector . . . . . OFF
- 4.Mixture . . . . . CUT-OFF
- 5.Magnetos . . . . . OFF
- 6.El. Equipment . . . . . OFF

Secure loose objects.  
Fasten seatbelts.  
Inform passengers.

### **SHORT FINAL**

- 1.Master . . . . . OFF
- 2.Doors . . . . . OPEN

### ENGINE FIRE IN FLIGHT

- 1.Fuel Selector . . . . . OFF
- 2.Mixture . . . . . CUT-OFF
- 3.Magnetos . . . . . OFF
- 4.Cabin Heat/Air . . . . . CLOSE
- 5.Glide speed . . . . . 100KTS
- 6.Head for emergency field.

If fire is not extinguished,  
Increase glide speed.

- 1.Mayday Call.
- 2.ELT . . . . . ON
- 3.Fuel Selector . . . . . OFF
- 4.Mixture . . . . . CUT-OFF
- 5.Magnetos . . . . . OFF
- 6.El. Equipment . . . . . OFF

Secure loose objects.  
Fasten seatbelts.  
Inform passengers.

### **SHORT FINAL**

- 1.Master . . . . . OFF
- 2.Doors . . . . . OPEN

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### CRUISE CHECKLIST

- 1.Cruise Power . . . . .SET
- 2.Mixture . . . . .LEAN
- 3.Gyro . . . . .CHECK
- 4.Engine Instruments . . . . .**CHECK**

### LANDING CHECKLIST

- 1.Primer . . . . . LOCKED
- 2.Master . . . . .ON
- 3.Fuel Pump . . . . .ON
- 4.Magnetos . . . . . BOTH
- 5.Mixture . . . . .RICH
- 6.Fuel Selector . . . . FULLEST TANK
- 7.Seatbelts . . . . .ON
- 8.Parking Break . . . . .OFF
- 9.Landing Light . . . . .AS REQ

### FINAL CHECKLIST

- 1.Flaps . . . . . FULL
- 2.Carb. Heat . . . . .OFF

### AFTER LANDING CHECKLIST

- 1.Flaps . . . . . UP
- 2.Landing Light . . . . .OFF
- 3.Fuel Pump . . . . .OFF
- 4.Transponder . . . . . STANDBY

### SHUTDOWN CHECKLIST

- 1.Throttle . . . . . 1000RPM
- 2.Radio/External Lights . . . . . OFF
- 3.Mixture . . . . . CUT-OFF
- 4.Magnetos . . . . . OFF/KEY OUT
- 5.Beacon . . . . . OFF
- 6.Master . . . . . OFF

### Airspeed Limitations

- Vr .... 60 MPH  
Vx .... 74 MPH  
Vy .... 85 MPH  
  
Vfe ....115 MPH  
Vs0 ... 54 MPH  
Vs1 ... 63 MPH  
  
Vld .... 85 MPH  
Vat .... 60 MPH  
X-wind .....15 KTS

## EMERGENCY CHECKLIST

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### ENGINE FIRE ON GROUND

- 1.CONTINUE CRANKING

### IF START

- 2.Throttle . . . . . 1700RPM
- 3.Run Engine . . . . .3min
- 4.SHUT DOWN

### IF NO START

- 2.Throttle . . . . . FULL OPEN
- 4.Mixture . . . . . CUT-OFF
- 3.Fuel Selector . . . . .OFF
- 5.Magnetos . . . . .OFF
- 6.Master . . . . . OFF
- 7.Evakuete aircraft & extinguish fire!

### ELECTRICAL FIRE

- 1.Master . . . . . OFF
- 2.Radios . . . . .OFF
- 3.Magnetos . . . . . **ON**
- 4.All Other Switches . . . . .OFF
- 5.Cabin Air/Heat . . . . . CLOSE
- 6.Fire Extinguisher . . . . .ACTIVATE

When fire appears out, vent cabin.

Land as soon as possible.

If electrical power is necessary for continuance of flight:

- 7.Master . . . . .ON
- 8.Circuit Breakers . . . . . CHECK  
(Do NOT reset faulty circuit !)
- 9.Radio/El.Equipment . . . . . AS REQ  
(One at a time.)
- 10.Land as soon as possible!