



P180 Avanti II

Quick Reference Handbook

Revision: 03
Date: Friday 22nd May, 2015

This document must not be used in real aviation.

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EMERG CHECKLIST

III

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| COLD AND DARK | |
|-------------------------------------|---------------------------------|
| PARK BRAKE | ON |
| BATTERY | ON |
| BATTERY VOLTAGE | CHECK |
| AVIONICS | ON |
| ANNUNCIATORS TEST | PRESS |
| NAV LIGHT | ON |
| FUEL | CALCULATED & REFUELED & CHECKED |
| ATC CLEARENCE FOR FLIGHT PLAN | OBTAINED |
| FMC | SET |
| RADIOS | SET |
| CABIN PRESSURE | SET |
| V-SPEEDS | CALCULATED |

ENGINE STARTUP

DOORS CLOSED
FASTEN BELTS SIGNS ON
ATC CLEARENCE FOR ENGINE STARTUP OBTAINED
THROTTLE IDLE
BEACON LIGHT ON
FUEL PUMP 1 & 2 ON

For each engine first eng.2 then eng.1:

ENGINE AREA CLEAR
FUEL VALVE ON
ENGINE IGNITION START (hold 10 s.)
ENGINE PARAMETERS CHECK & WAIT STABILIZED
ENGINE GENERATOR ON
IGNITER 1 & 2 ON
PROP SYNC ON
BLEED AIR BOTH

| PRE-TAXI | |
|------------------------|---------|
| INVERTER 1 & 2 | ON |
| WINDOW HEAT | ON |
| PITOT HEAT | ON |
| ENGINE/WING HEAT | AS REQ. |
| AUTOPILOT | SET |

| TAXI | |
|---------------------|-------------|
| TAXI LIGHT | AS REQ. |
| PARK BRAKE | OFF |
| GROUND SPEED | BELOW 20 kt |
| During taxi: | |
| BARO | SET |
| FLAPS | MID |
| TAKEOFF TRIM | SET |
| AUTOBRAKES | RTO |
| HYD PRESSURE | CHECK |

PRE-TAKEOFF

ANNUNCIATORS NO ERRORS
FLAPS CHECK

During lineup:

LANDING LIGHTS ON
STROBE LIGHTS ON
TRASPONDER TA/RA

ATC CLEARENCE FOR TAKEOFF OBTAINED

AFTER-TAKEOFF

GEAR UP/NO LIGHTS
TAXI LIGHTS OFF

@ 150kt:

FLAPS UP

CLIMB

@ 10.000ft / FL100:

| | |
|----------------------|------------------|
| PRESSURIZATION | CHECK INCREASING |
| IGNITER 1 & 2 | OFF |
| LANDING LIGHTS | OFF |
| FASTEN BELTS | OFF |

@ 15.000ft / FL150:

| | |
|-----------------------|-----|
| FUEL PUMP 1 & 2 | OFF |
|-----------------------|-----|

CRUISE

| | |
|------------------------|-------|
| CONDITION LEVERS | SET |
| AUTOPILOT | CHECK |
| FUEL | CHECK |

FLIGHT LEVEL CHANGE

| | |
|------------------------|-----|
| CABINE PRESSURE | SET |
| CONDITION LEVERS | SET |
| AUTOPILOT | SET |

DESCENT

ENGINE HEAT ON
WING HEAT AS REQ.
LANDING WEIGHT CALCULATED
DECISION HEIGHT SET

@ 10.000ft / FL100:

IGNITER 1 & 2 ON
FUEL PUMP 1 & 2 ON
AUTOBRAKE SET
LANDING LIGHTS ON
FASTEN BELTS ON

@ 5.000ft / FL050:

ENGINE HEAT OFF
WING HEAT AS REQ.
CONDITION LEVERS ON

@ 2.000ft:

LANDING GEAR DOWN
FLAPS CHECK AS REQ.
TAXI LIGHT AS REQ.

LANDING

LANDING GEAR DOWN 3 GREEN
FLAPS DOWN
ATC CLEARENCE FOR LANDING OBTAINED

AFTER LANDING

STROBE LIGHTS OFF
TRASPONDER STBY/AS REQ.
FLAPS UP
WING HEAT OFF
BLEED AIR OFF
IGNITER 1 & 2 OFF
AUTOPILOT OFF

| SHUTDOWN | |
|---|---------|
| PARK BRAKE | ON |
| LANDING & TAXI LIGHT | OFF |
| PITOT HEAT | OFF |
| WINDOW HEAT | OFF |
| INVERTER 1 & 2 | OFF |
| PROP SYNC | OFF |
| For each engine first eng.1 then eng.2: | |
| ENGINE GENERATOR | OFF |
| FUEL VALVE | OFF |
| ENGINE IGNITION | OFF |
| FUEL PUMP 1 & 2 | OFF |
| BEACON LIGHT | OFF |
| NAV LIGHT | AS REQ. |
| AVIONICS | OFF |
| BATTERY | AS REQ. |

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HIGH SPEED LANDING

BRACE ADVISED
RUDDER USE WITH CARE
REVERSE FULL JUST BEFORE TOUCHDOWN
BRAKES GENTLY WHEN HIGH SPEED

OVERWEIGHT LANDING

LANDING GEAR UNSAFE – FAILURE TO RETRACT

HYDRAULIC PRESSURE CHECK
LDG GEAR HANDLE DOWN then UP

if landing gear still fails to retract:

AUTOBRAKE OFF (DO NOT USE)
LDG GEAR HANDLE KEEP DOWN

LANDING GEAR UNSAFE – FAILURE TO EXTEND

LDG GEAR HANDLE CHECK DOWN
HYDRAULIC PRESSURE CHECK
LDG GEAR HANDLE UP then DOWN

if landing gear still fails to extend:

LDG GEAR HANDLE KEEP DOWN
EMERG LDG GEAR HANDLE PULL

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EMERG – ENGINE FIRE IN FLIGHT

If climbing:

| LEVEL OFF DONE
ATC ADVISED

On affected engine:

| THROTTLE IDLE
CONDITION LEVER FEATHERED
FUEL VALVE OFF
IGNITION OFF
IGNITER OFF

If tank leak suspected:

| FUEL PUMP (same side engine affected) OFF

If fire warning light still on:

| AFFECTED ENG FIRE BUTTON PRESS
BLEED AIR ENG NOT AFFECTED
PROP SYNC OFF

On affected engine:

| IGNITER ON
LAND ASAP LAND ASAP

EMERG – ENGINE FIRE ON GROUND

ATC ADVISED

If on runway and situation is safe:

| LEAVE RUNWAY DONE

THROTTLE IDLE

FUEL VALVE 1 & 2 OFF

IGNITION 1 & 2 OFF

IGNITER 1 & 2 OFF

BLEED AIR OFF

If fire warning light still on:

| AFFECTED ENG FIRE BUTTON PRESS

EVACUATION EVALUATE

EMERG – ENGINE FAIL IN FLIGHT

If climbing:

LEVEL OFF DONE
ATC ADVISED

On affected engine:

THROTTLE IDLE
CONDITION LEVER FEATHERED

IGNITER 1 & 2 ON

BLEED AIR ENG NOT AFFECTED

**If no damage suspected, on engine affected, repeat 3 times
with interval pauses of 30 s.:**

FUEL VALVE OFF then ON
IGNITION OFF then START (hold 15 s.)

OR **→ If relight**
CONDITION LEVER ADJUST WITH CARE
THROTTLE ADJUST WITH CARE
BLEED AIR BOTH
→ If NOT relight
FUEL VALVE & IGNITION & IGNITER OFF (affected eng)
PROP SYNC OFF
LAND ASAP LAND ASAP

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| EMERG – EVACUATION | |
|-------------------------------|----------|
| AIRPLANE | STOP |
| PARK BRAKE | ON |
| FUEL VALVE 1 & 2 | OFF |
| If any fire suspected: | |
| ENG FIRE BUTTON 1 & 2 | ON |
| BATTERY | OFF |
| PASSENGER/CREW | EVACUATE |

EMERG – BOMB ON BOARD

ATC NOTIFIED

DESCENT BELOW FL100

Below FL100:

AIRCRAFT DEPRESSURIZED

FOREIGN OBJECTS SEARCH

If a device is found:

PASSANGERS LEAD AWAY FORM BOMB

OBJECT: MOVE GENTLY AND MAINTAIN ATTITUDE IMMOBILIZED

OBJECT: COVER WITH PLASTIC MATERIAL DONE

OBJECT: COVER WITH WET MATERIAL DONE

If any fire suspected:

ENG FIRE BUTTON 1 & 2 ON

BATTERY OFF

PASSENGER/CREW EVACUATE