



# P180 Avanti II

## Quick Reference Handbook

Revision: 03  
Date: Monday 27<sup>th</sup> April, 2015

**This document must not be used in real aviation.**

Table of Content

NORMAL CHECKLIST	I
------------------	---

ABNORMAL CHECKLIST	II
--------------------	----

EMERG CHECKLIST	III
-----------------	-----

P180 II	NORMAL CHECKLIST	REV. 03 04/27/2015	1.01
---------	------------------	-----------------------	------

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
 <b>For each engine first eng.2 then eng.1:</b>	
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

P180 II	NORMAL CHECKLIST	REV. 03 04/27/2015	1.03
---------	------------------	-----------------------	------

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.

P180 II	ABNORMAL CHECKLIST	REV. 03 04/27/2015	2.01
---------	--------------------	-----------------------	------

HIGH SPEED LANDING

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

OVERWEIGHT LANDING

P180 II	EMERG CHECKLIST	REV. 03 04/27/2015	3.01
---------	-----------------	-----------------------	------

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.)

**If no relight:**

FUEL VALVE & IGNITION & IGNITER ..... OFF (affected eng)

PROP SYNC ..... OFF

LAND ASAP ..... LAND ASAP

**If relight:**

CONDITION LEVER ..... ADJUST WITH CARE

THROTTLE ..... ADJUST WITH CARE

BLEED AIR ..... BOTH