

## PMDG 737 NGX – DESK PILOT – FLIGHT PROCEDURES

*These procedures are made for use on Flight Simulator  
all tests have been performed online both computers are equiped with FSX / Hamachi / Desk Pilot / Ivap  
every lines [ATC // ADDONS] are fully optionals and depend on your gameplay*

FOR A COMPLETE TUTORIAL HOW TO SET UP A SHARED COCKPIT SEE : [http://hbe66.com/system/files/PILOT%2520\\_COPILOT\\_IVAO.pdf](http://hbe66.com/system/files/PILOT%2520_COPILOT_IVAO.pdf)

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PRE-FLIGHT 1  
PRE-FLIGHT 2  
PRE-FLIGHT 3  
PRE-FLIGHT 4  
FMC prog 1  
FMC prog 2  
STARTUP  
STARTUP / TAXI  
TAKE OFF  
DESCENT  
LANDING

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This is a beta version of the checklist, all returns and comments are welcome on this forum <http://www.pilote-virtuel.com/viewtopic.php?id=58417>



<http://members.optuszoo.com.au/desk.pilot/>

Desk Pilot is an independant software developped by Michael Harders  
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FLIGHT PROCEDURES MANUAL FOR PMDG 737-800 NGX DESK PILOT\_\_ ONLY FOR FLIGHT SIMULATOR USE \_\_ EUROPE Airlines travels 2013

### BEFORE START

Starting here, i assume you are familiar with the online game and the use of Hamachi to connect your both computers, so i won't tell about this only the important stuff is the setup of the multiplayer session with Desk Pilot as describe follow :

*As said in Desk Pilot manuals, be sure to have a session as this follow to have a good experience*

1. Make sure boths pilots have the same Airac Version, Scenery, Livery and panel states
2. Both pilots must change their default startup to NGX CLDDRK before sharing cockpits and join sessions
3. Both pilots must also have same weather. If one user updates weather, the other must do the same
4. Both users **must also add the following to their « 737NGX\_Options.ini » file**

[SDK]

EnableDataBroadcast=1

### SERVER CONFIG & FSX SETUP (CAPTAIN)

- 1 : Run FSX
- 2 : Go to multiplayer
- 3 : Host a session
- 4 : Choose your preferred preferences
- 5 : Change your aircraft to the pmdg 737, choose location & gate
- 6 : enable voice if you wish
- 7 : Enable share my aircraft
- 8 : click fly now and let the flight simulator load up and initialize the pmdg 737
- 9 : Run ngx Desk Pilot (SERVER)
- 10 : Press the « start server » button

### CLIENT SETUP (FIRST OFFICER)

- 1 : Run FSX
- 2 : Go to multiplayer
- 3 : Join the session created by the other user
- 4 : Change your aircraft to the pmdg 737 (same as host)
- 5 : Click join aircraft and join session. Let the flight simulator load up and initialize the pmdg 737
- 6 : ignore the flight simulator prompt click ok
- 7 : Run the client Ngx Desk Pilot (CLIENT)
- 8 : Click inside the « IP » entry box and type the ip address of the server
- 9 : Press the « Connect » button on he client

Once everything set up, Captain can Enable share cockpit, FO should see a message in Desk pilot debug window « connect to Flight Simulator successfully »  
*for more information, see manuals of Desk Pilot*

After that, Captain can run IVAP and connect, FO should run IVAP after Captain and should appears connected

**Keep in mind that lights can blink if one player is looking in external view. Also, some controls may not be seen by other pilot but must be set as indicated in the checklist (ex : APU valve)**

**Flaps are delayed between fo action and Captain visual on instruments, so flaps set must be anticipated.**

**when setting alt, MFD should be unstable until both set correctly. Panel lights must be set individually by both pilots.**

*good flight !!*

Boutons	who	Action	Position	quotes
<b>COLD AND DARK CPT &amp; FO START WITH BOTH SAME EXACT PARAMETERS (SEE DP SHARED COCKPIT CREW MANUAL ann.1)</b>				
<b>PRE-FLIGHT</b>				
L RECIRC FAN	FO	CHECK	OFF	
R RECIRC FAN	FO	CHECK	OFF	
L PACK	FO	CHECK	OFF	
R PACK	FO	CHECK	OFF	
APU BLEED	FO	SET	OFF	
ENGINE BLEED	FO	SET	OFF	BOTH 1 AND 2
ELECTRIC HYDRAULIC PUMPS	FO	CHECK	OFF	BOTH 1 AND 2
ENGINE HYDRAULIC PUMPS	FO	SET	OFF	BOTH 1 AND 2
APU START	CPT	CHECK	OFF	
POSITION LIGHT	CPT & FO	SET	OFF	
<b>PREFLIGHT/ ELECTRIC STARTUP</b>				
BATTERY	CPT	SET	ON	GUARD CLOSED
APU START	CPT	SET	START	AFTER STARTUP, CHECK OIL PRESSURE
APU GEN	CPT ***	SET ***	ON ***	*** VIA DP MENU
LANDING GEAR	CPT & FO	CHECK	DOWN	CHECK 6 LIGHTS GREEN
IRS MODE SELECTOR	CPT	SET	ALIGN	BOTH 1 AND 2
FMC	CPT & FO	PUSH	MENU	
FMC	CPT & FO	PUSH	FMC	
FMC	CPT & FO	PUSH	POS INIT	
FMC	CPT & FO	PUSH	LSK1R	To Select Last Position of aircraft / Appears in Scratchpad
FMC	CPT & FO	PUSH	LSK4R	To Set the position
IRS MODE SELECTOR	CPT	SET	NAV	LIGHT SWITCH OFF AFTER 30 SEC
FMC	CPT & FO	PUSH	MENU	
FMC	CPT & FO	PUSH	FS ACTIONS	
FMC	CPT & FO	PUSH	FUEL	
FMC	CPT & FO	PUSH	SET ou VALEUR	
<b>START FS AIRLINE AND SET FUEL</b>				
FMC	CPT & FO	PUSH	RETURN	
FMC	CPT & FO	PUSH	PAYLOAD	
FMC	CPT & FO	PUSH	SET ou VALEUR	
<b>START AND SET FS PASSENGER</b>				
FMC	CPT & FO	PUSH	RETURN	
AVIONICS & INSTRUMENTS          ATC // ADDONS           ENGINES           ELECTRICS & LIGHTS				

Boutons	who	Action	Position	quotes
<b>PREFLIGHT / PRELIMINARY PROCEDURE</b>				
FLIGHT DECK ACCESS SYSTEM	CPT & FO	CHECK	AUTO	
SERVICE INTERPHONE	CPT & FO	CHECK	OFF	
REVERSER LIGHT 1	CPT & FO	CHECK	LIGHT OFF	
REVERSER LIGHT 2	CPT & FO	CHECK	LIGHT OFF	
ENGINE CONTROL LIGHT 1	CPT & FO	CHECK	LIGHT OFF	
ENGINE CONTROL LIGHT 2	CPT & FO	CHECK	LIGHT OFF	
EEC	CPT & FO	CHECK	ON	BOTH 1 AND 2
PASSENGER OXYGEN	CPT & FO	CHECK	NORMAL	GUARD CLOSED
CREW OXYGEN	CPT & FO	CHECK	CHECK	
LANDING GEAR INDICATOR LIGHTS	CPT & FO	CHECK	CHECK	ALL GREEN
FLIGHT RECORDER SWITCH	CPT & FO	CHECK	NORMAL	GUARD CLOSED
<b>FLIGHT CONTROL PANEL CHECKLIST</b>				
FLT CONTROL SWITCHES	CPT & FO	CHECK	CHECK	GUARD CLOSED
FLIGHT SPOILER	CPT & FO	CHECK	CHECK	GUARD CLOSED
YAW DAMPER	CPT	SET	ON	ALL LIGHTS ON THE RIGHT MUST BE SWITCH OFF
ALTERNATE FLAPS MASTER	CPT & FO	CHECK	SET	GUARD CLOSED
ALTERNATE FLAPS POSITION BUTTON	CPT & FO	CHECK	OFF	ALL LIGHTS ABOVE MUST BE SWITCH OFF
<b>NAVIGATION CONTROL PANEL CHECKLIST</b>				
VHF NAV	CPT & FO	CHECK	NORMAL	
IRS TRANSFER	CPT & FO	CHECK	NORMAL	
FMC TRANSFER	CPT & FO	CHECK	NORMAL	
<b>DISPLAY CONTROL PANEL CHECKLIST</b>				
SOURCE SELECTOR	CPT & FO	CHECK	AUTO	
CONTROL PANEL	CPT & FO	CHECK	NORMAL	
<b>FUEL PANEL CONTROL CHECKLIST</b>				
ENG VALVED CLOSED	CPT & FO	CHECK	LIGHT ON	BOTH 1 AND 2
SPAR VALVED CLOSED	CPT & FO	CHECK	LIGHT ON	BOTH 1 AND 2
FILTER BYPASS	CPT & FO	CHECK	LIGHT OFF	BOTH 1 AND 2
CROSS FEED	CPT & FO	CHECK	CLOSE	
VALVE OPEN	CPT & FO	CHECK	LIGHT OFF	
FUEL PUMP	CPT	SET	OFF	
<b>     AVIONICS &amp; INSTRUMENTS           ATC // ADDONS           ENGINES           ELECTRICS &amp; LIGHTS     </b>				

Boutons	who	Action	Position	quotes
<b>ELECTRIC PANEL CONTROL CHECKLIST</b>				
BAT DISCHARGE LIGHT	CPT & FO	CHECK	LIGHT OFF	
TR UNIT LIGHT	CPT & FO	CHECK	LIGHT OFF	
ELEC LIGHT	CPT & FO	CHECK	LIGHT OFF	
CAB UTIL POWER	CPT & FO	CHECK	ON	
IFE PASS	CPT & FO	CHECK	ON	
STANDBY POWER OFF LIGHT	CPT & FO	CHECK	LIGHT OFF	
GENERATOR DRIVE SWITCH	CPT & FO	CHECK		GUARD CLOSED BOTH
DRIVE LIGHT	CPT & FO	CHECK	LIGHT ON	BOTH 1 AND 2
BUS TRANSFER	CPT & FO	CHECK		GUARD CLOSED
TRANSFER BUS OFF	CPT & FO	CHECK	LIGHT OFF	BOTH 1 AND 2
SOURCE OFF	CPT & FO	CHECK	LIGHT OFF	BOTH 1 AND 2
GEN OFF BUS	CPT & FO	CHECK	LIGHT ON	BOTH 1 AND 2
<b>NORMAL CHECKLIST</b>				
EQUIP COOLING	CPT & FO	CHECK	NORMAL	
EMERGENCY EXIT LIGHT	FO	SET	ARMED & GUARD CLOSE	GUARD CLOSED
PASSENGER SEAT BELT	CPT & FO	SET	AUTO	
WINDOW HEAT SWITCHES	FO	SET	ON	LIGHTS ON
PROBE HEAT SWITCHES	CPT & FO	CHECK	OFF	LIGHTS ON
WING ANTI ICE	FO	CHECK & SET	AS NEEDED	
ENGINE ANTI ICE	FO	CHECK & SET	AS NEEDED	LIGHTS OFF
ENGINE HYDRAULIC PUMPS	FO	SET	ON	
ELECTRIC HYDRAULIC PUMPS	FO	CHECK	OFF	
L RECIRC FAN	FO	SET	AUTO	
R RECIRC FAN	FO	SET	AUTO	
L PACK	FO	SET	AUTO	
R PACK	FO	SET	AUTO	
ISOLATION VALVE	FO	SET	OPEN	
ENGINE BLEED	FO	CHECK	OFF	BOTH 1 AND 2
APU BLEED	FO	SET	ON	
AUTO FAIL LIGHT	CPT & FO	CHECK	LIGHT OFF	
OF SCHED DESCENT LIGHT	CPT & FO	CHECK	LIGHT OFF	
FLT ALT	CPT & FO	SET	AS NEEDED	Insert CRUISE ALT
LAND ALT	CPT & FO	SET	SET	Insert LANDING ALT
AVIONICS & INSTRUMENTS            ATC // ADDONS             ENGINES             ELECTRICS & LIGHTS				

Boutons	who	Action	Position	quotes
<b>NORMAL CHECKLIST -SUITE-</b>				
ALTN LIGHT	CPT & FO	CHECK	LIGHT OFF	
MANUAL LIGHT	CPT & FO	CHECK	LIGHT OFF	
Landing RWY TAXI	CPT	CHECK	OFF	
Logo A Col Wing Wheel lights	FO	CHECK	OFF	
OXYGEN	CPT & FO	CHECK	CHECK	
RESET/TEST SWITCH	CPT & FO	TEST	TEST	PUSH AND HOLD
EMERGENCY OXYGEN TEST	CPT & FO	TEST	TEST	PUSH RED BUTTON AND TEST DURING 5sec
CLOCK	CPT & FO	SET	SET	GMT TIME
NOSE WHEEL STEERING	CPT	CHECK	SET	GUARD CLOSED
MAIN PANEL BUTTON	CPT & FO	CHECK	NORMAL	
LOWER DISPLAY UNIT	CPT & FO	CHECK	NORMAL	
SYS TEST	CPT & FO	PUSH	PUSH	RIGHT SIDE OF FMS 2
N1 SET BUTTON	CPT & FO	CHECK	AUTO	IF NO FMC USE, SET N1 THRUST USING KNOB
SPD REF BUTTON	CPT & FO	CHECK	AUTO	IF NO FMC USE, SET V1 / VR / VR USING KNOB
FUEL FLOW	CPT & FO	CHECK	RATE	
DET SELECT BUTTON	CPT & FO	CHECK	NORMAL	
TEST BUTTON	CPT & FO	CHECK	PUSH	START CHECK / HEAR RING
MASTER FIRE WARN LIGHT	CPT & FO	CHECK	LIGHT ON	
MASTER FIRE WARN LIGHT	CPT & FO	CHECK	PUSH	RING STOP
AFD LIGHT	CPT & FO	CHECK	LIGHT ON	
FWD LIGHT	CPT & FO	CHECK	LIGHT ON	
DETECTOR FAULT	CPT & FO	CHECK	LIGHT OFF	
EXT LIGHT	CPT & FO	CHECK	LIGHT ON	STILL GREEN
DISH LIGHT	CPT & FO	CHECK	LIGHT ON	
TEST BUTTON	CPT & FO	CHECK	PUSH	TO CLOSE CHECK
<b>ASK FOR CLEARANCE</b>				
AVIONICS & INSTRUMENTS              ATC // ADDONS              ENGINES              ELECTRICS & LIGHTS				

[illegible]

[illegible]



[illegible]

Boutons	who	Action	Position	quotes
<b>ENGINE START</b>				
L PACK	FO	SET	OFF	
R PACK	FO	SET	OFF	
IGNITION ENGINE LEFT	FO	SET	GRD	GRD
IDLE 1	CPT ***	SET ***	UP ***	At 20% of N2 (***VIA DP MENU)
IGNITION ENGINE LEFT	CPT & FO	CHECK	OFF	CHECK AUTO OFF AFTER START
IGNITION ENGINE RIGHT	FO	SET	GRD	GRD
IDLE 2	CPT ***	SET ***	UP ***	At 20% of N2 (***VIA DP MENU)
IGNITION ENGINE RIGHT	CPT & FO	CHECK	OFF	CHECK AUTO OFF AFTER START
GEN BUTTON	CPT ***	SET ***	ON ***	ELEC PANEL (***VIA DP MENU)
PILOT HEAT SWITCHES	FO ***	SET ***	ON ***	LIGHTS OFF (***VIA DP MENU)
WING ANTI ICE	FO	SET	AS NEEDED	AS NEEDED
ENGINE ANTI ICE	FO	SET	AS NEEDED	AS NEEDED
L PACK	FO	SET	AUTO	
R PACK	FO	SET	AUTO	
ISOLATION VALVE	FO	SET	AUTO	
ENGINE BLEED	FO	SET	ON	
APU BLEED	FO	SET	OFF	
APU START	CPT	SET	OFF	
FLAPS	FO	SET	5	To 5
TAXI LIGHTS	CPT	SET	ON	
<b>IF COMAND TRANSFER, DO IT NOW (↑+T)</b>				
FLIGHT CONTRLS		CHECK	CHECK	PUSH SYS in MFD et TRY TO MOVE AXES
<b>TAXI to HP (N1 max 23%)</b>				
MASTER CAUTION LIGHT	CPT & FO	CHECK	OFF	
DATA	CPT & FO	PUSH	DATA	Adds labels below each waypoints
LANDING LIGHTS	CPT	SET	ON	Move bar to switch the 4 lights
POSITION LIGHTS	CPT & FO	SET	STRB & STDY	
TCAS	CPT	SET	TA/RA	
ENG START SELECTORS	FO	SET	CONT	BOTH 1 AND 2
AVIONICS & INSTRUMENTS            ATC // ADDONS             ENGINES             ELECTRICS & LIGHTS				

[illegible]

Boutons	who	Action	Position	quotes
<b>DESCENT</b>				
INIT REF	CPT & FO	PUSH	FMS 1	When Stabilize in Descent
SELECT LANDING FLAP MODE	CPT & FO	SET		PUSH 2 TIMES TO SET / Appears in PFD
ILS Freq	CPT & FO	SET	COM PANEL	BOTH 1 AND 2
RWY	CPT & FO	PUSH	HGS ( Above TCAS )	Until EL>0 and set Altitude of the Rwy
RWY	CPT & FO	PUSH	HGS ( Above TCAS )	Until LN>10000 and set real Lenght Rwy
COURSE	CPT & FO	SET	MCP	ILS RWY / IN CAPTAIN AND FO MCP
DES	CPT & FO	PUSH	FMS 1	
FORECAST	CPT & FO	PUSH		LSK6L
SCRATCH PAD	CPT & FO	WRITE		Enter TRL LVL
LSK1L	CPT & FO	PUSH		TRANS LVL now set
LEGS	CPT & FO	PUSH		
AUTOBRAKES	CPT & FO	SET	2	
BAROMETRE STD	CPT & FO	SET STD	EFIS	After passing TRL
RADIO	CPT & FO	SET	EFIS LEFT BUTTON	Min feet in Pub. Appr. Cat / See in PFD
LANDING LIGHTS	CPT	SET	ON	Passing 10000ft
<b>IN RANGE</b>				
FLAPS	FO	SET	1	
SPEEDBRAKE	CPT	SET		FLIGHT DESC / After Passing DECEL in ROUTE
VOR/LOC	CPT THEN FO	SET	ON	On ILS Range
FLAPS	FO	SET	5 / 10 AS NEEDED	
<b>ON LOC</b>				
APP BUTON	FO	SET	ON	On LOC
CMB B	FO	SET	ON	ON GS
MCP SPEED	CPT	SET	AS NEEDED	Depend on descent procedure
ENG START SELECTORS	FO	SET	CONT	BOTH 1 AND 2
FLAPS	FO	SET	15	
LANDING GEAR	FO	SET	DOWN	
FLAPS	FO	SET	30	
SPEEDBRAKE	CPT	SET	ARMED	
<div> <div>     AVIONICS &amp; INSTRUMENTS    </div> <div>     ATC // ADDONS     </div> <div>     ENGINES     </div> <div>     ELECTRICS &amp; LIGHTS     </div> </div>				

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