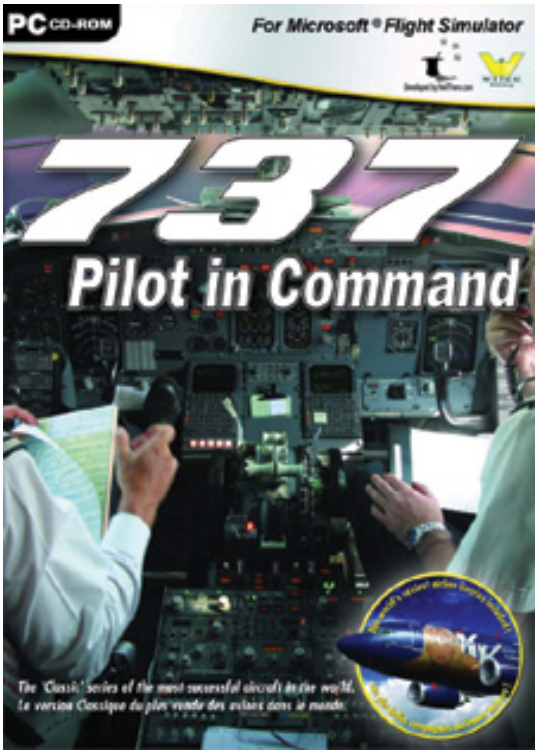
A SAMPLE FLIGHT FOR WILCO FEELTHERE BOEING 737 -300/400/500

EGCC TO EGLL

By

N HERRERA

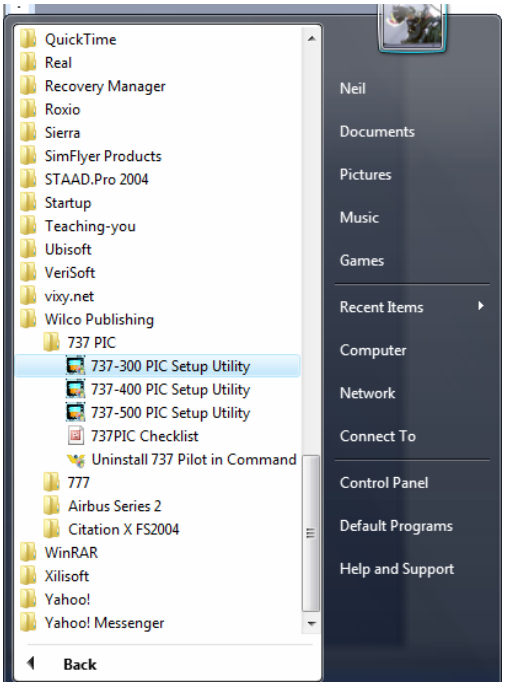


Sample flight of Boeing 737 /300/400/500 develop by Wilco Publishing and feelthere.com

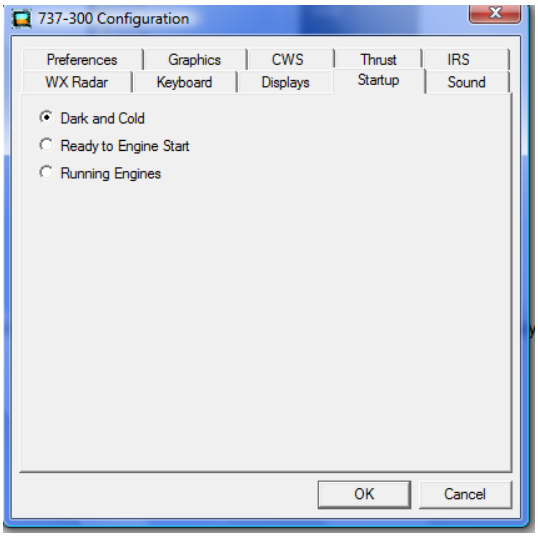
Author: Herrera

Adding Feelthere Wilco 737 to my Simulator collection is perhaps the best gift on my Birthday in 2008. I think the only things missing in this simulator add on is the smell of jet fuel. If you want to know more about 737, I recommend that you purchase Mike Ray 737 simulator check ride. This Sample flight will just teach the basics on how this Beautiful Airplane set up take off, cruise on high altitude and then perform an auto landing. I suggest that always press P to pause and read the instructions.

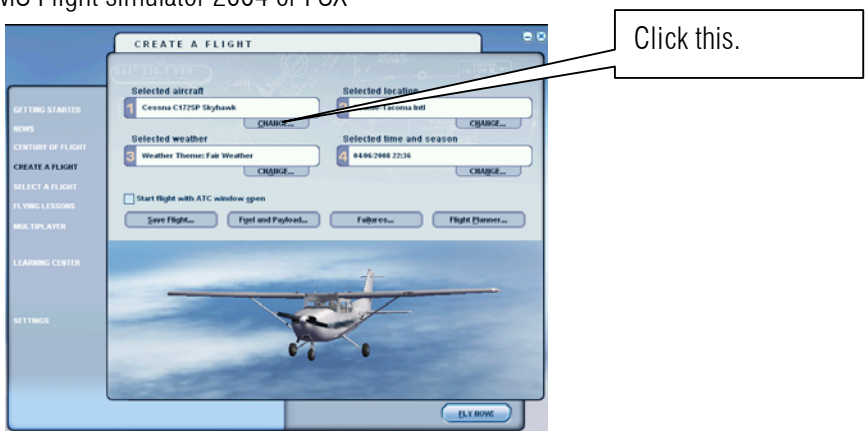
1. Enough talking let us begin. Here is how to start cold and dark stage of Wilco Feelthere737. Go to start the click Wilco Publishing then 737 PIC then select one of the three models in this example I shall select the 737-300 PIC Setup Utility.



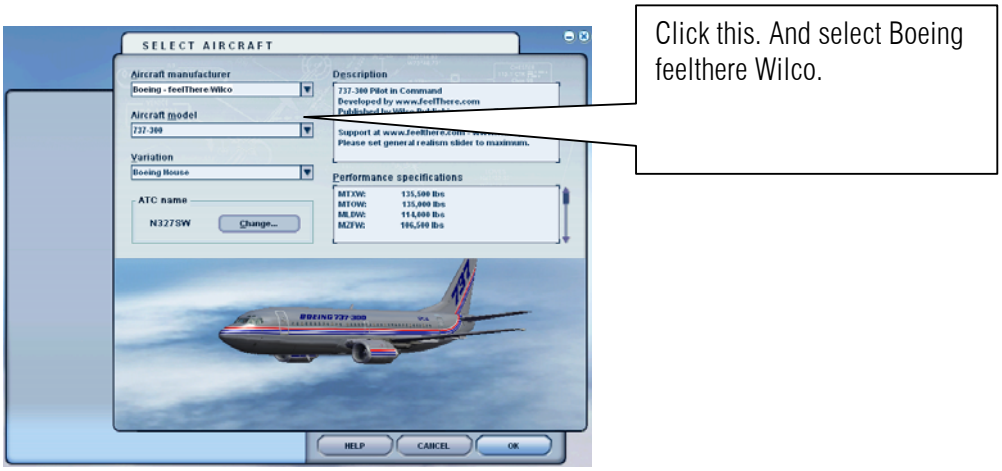
2. Select start-up tab the click the Dark and Cold button click okay button.



3. Start MS Flight simulator 2004 or FSX

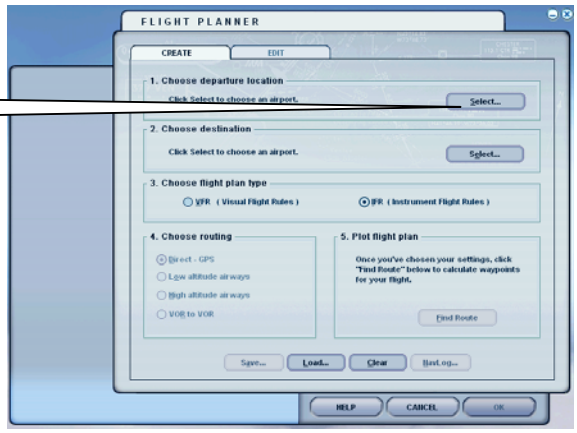


4. Change the setting as shown below. Select Boeing feelthere Wilco. Aircraft model 737-300 .Click ok.

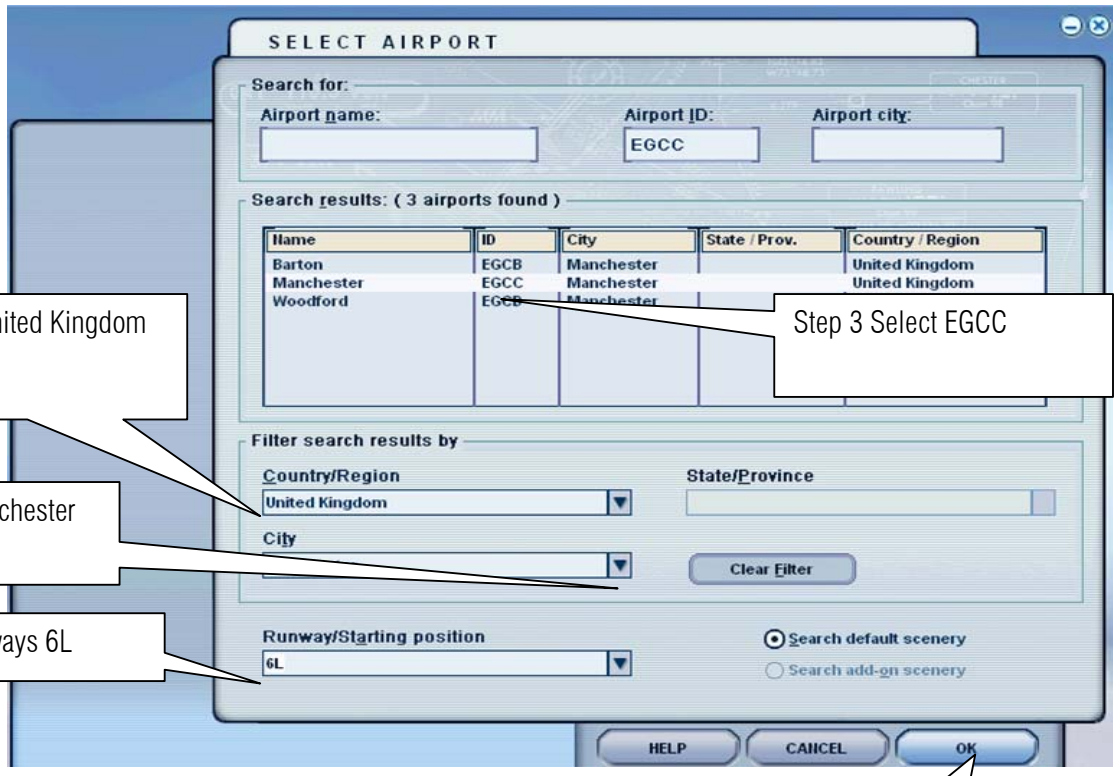


5. Click the flight planner button 

. I want to fly from Manchester UK to London Heathrow



6. Select the departure Airport so I want to depart from Manchester international airport the Airport ID code is EGCC and the runway is 6L



Step 1 Select United Kingdom

Step 2 Select Manchester

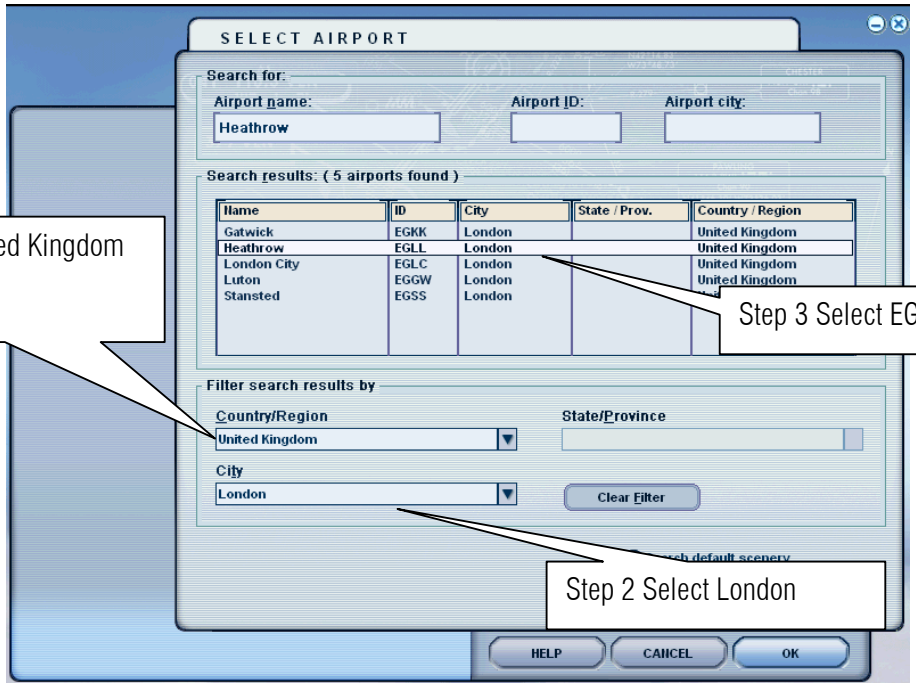
Step 3 Select EGCC

Step 4 Select runways 6L

Step 5 Click ok when finish

(I saw a lot of bad comment in youtube regarding starting on Runways, HEY! This is a Example remember? You can start To the any gate you want.)

7. Select the Destination Airport.

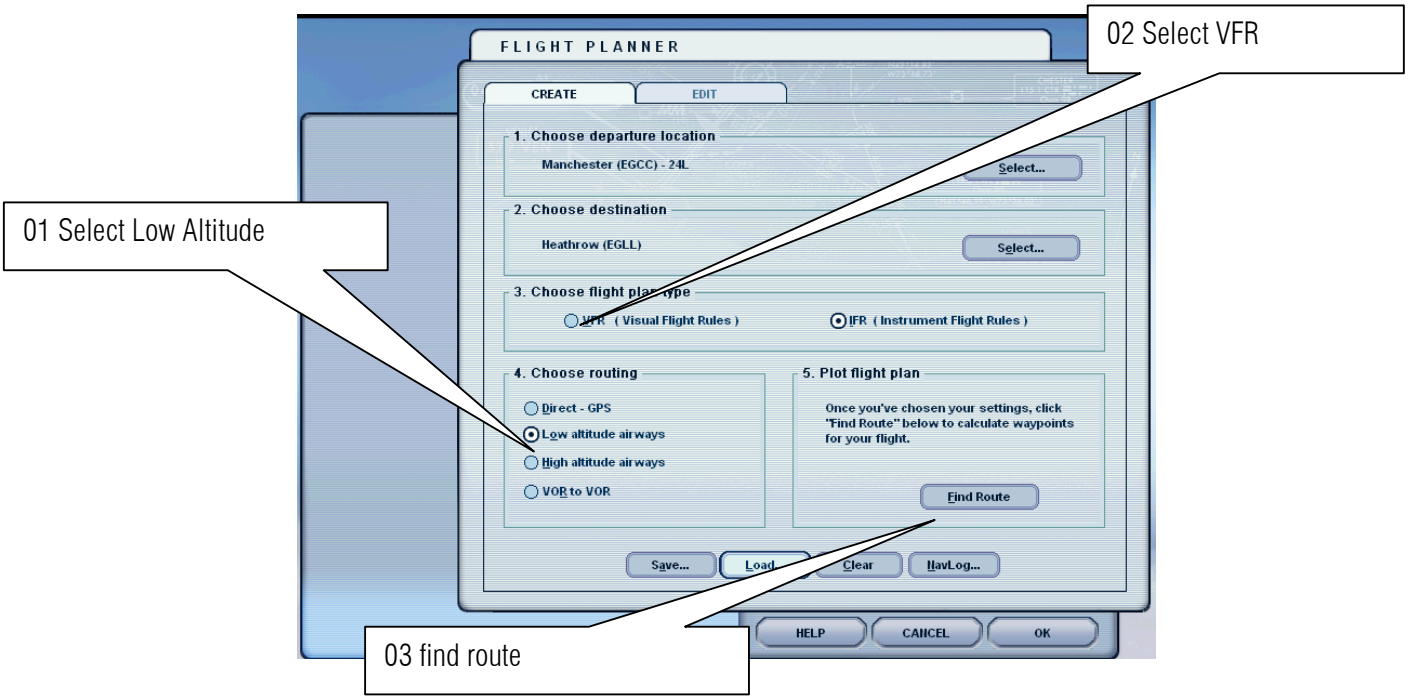


Step 1 Select United Kingdom

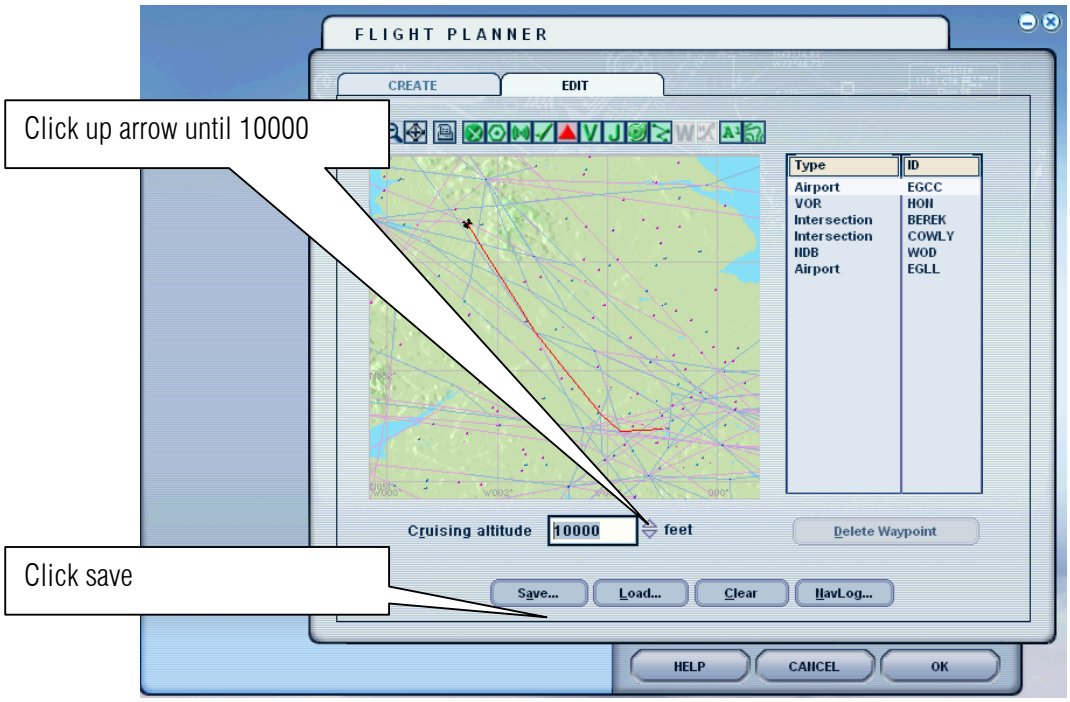
Step 2 Select London

Step 3 Select EGLL

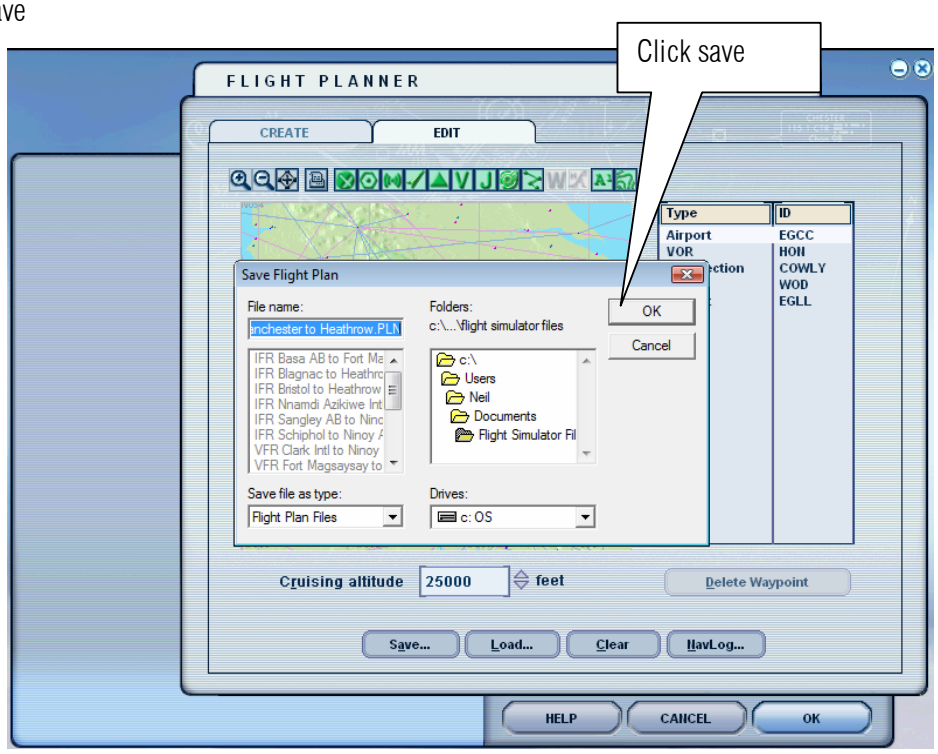
8. Since it not so far I want to select the low altitude because it's a 30 min Ride



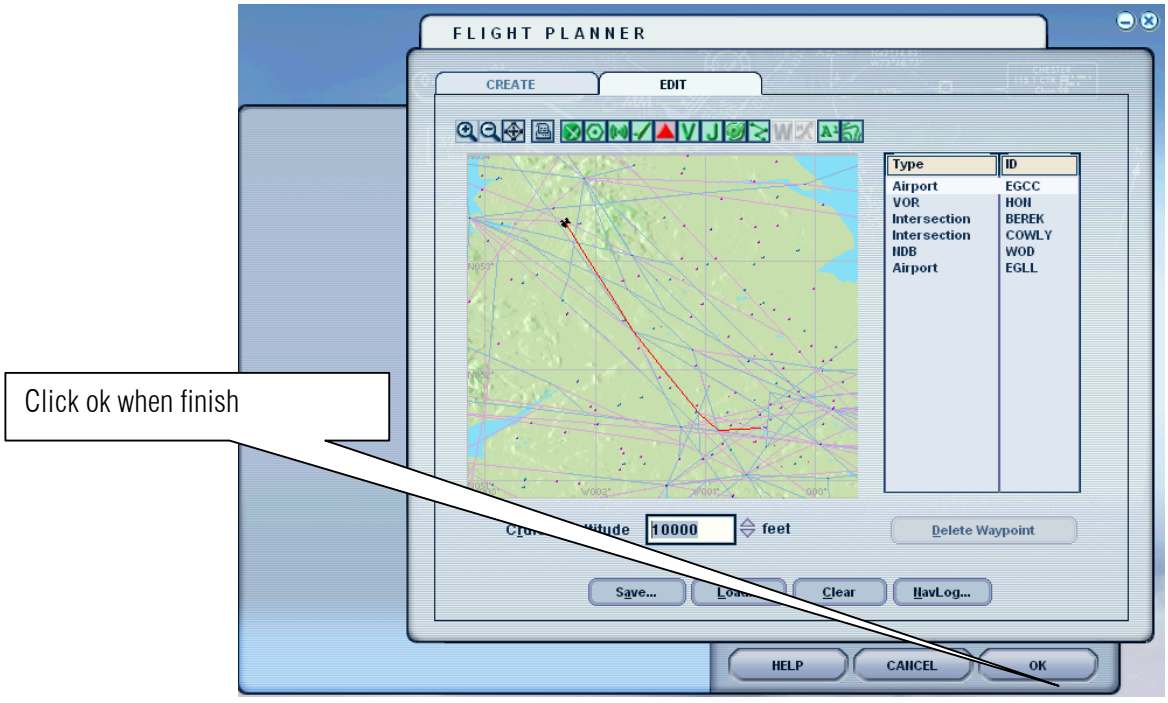
9. The flight planner will show your Waypoints let us save it for future games.



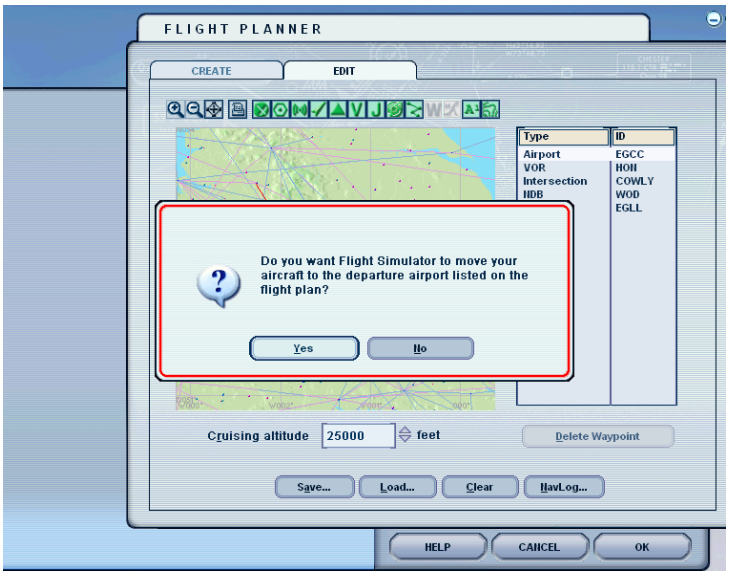
10. Click save



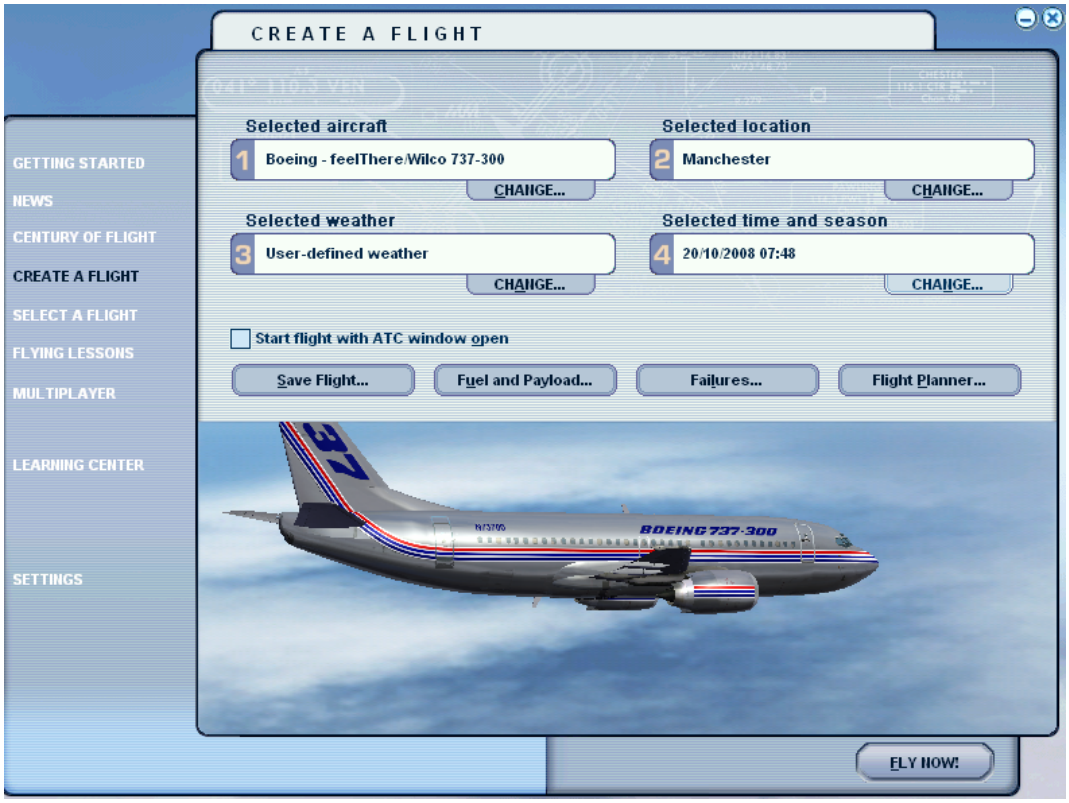
11. Select ok button.



12. Click the Yes button.



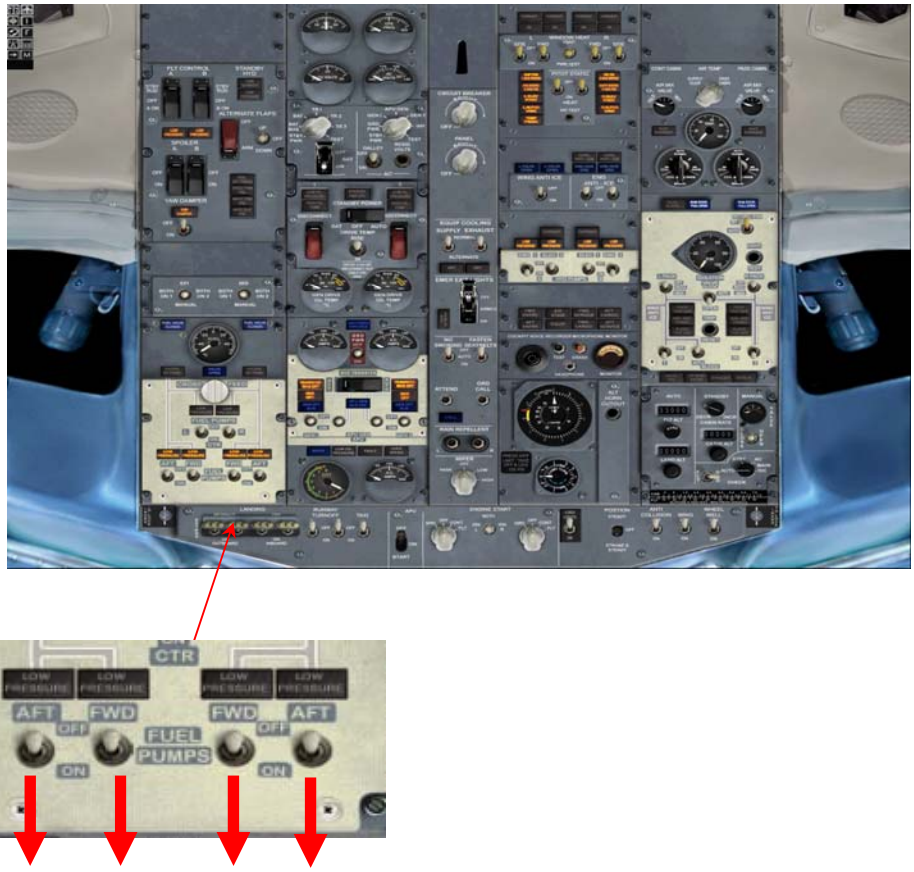
13. click fly now



14. Oh No! nothing is running press **Shift+2** or click the icon of the overhead panel as shown below.

15. Here is the beautiful overhead control panel let us **turn on the battery** first click the battery button.

16. Turn on the both "AFT" FWD fuel pump.



17. Located below this Overhead Control Panel (let us call it OCP) is the APU or auxiliary power. Let us START it turn by clicking it two times down ward

Before

After

then it goes back to on

18. Wait until the EGT goes down and point to 4 then you will see the APU GEN light turn on.

HERE WHAT IT LOOKS LIKE BEFORE THE TURN ON OF APU

THEN AFTER APU TURNS ON.

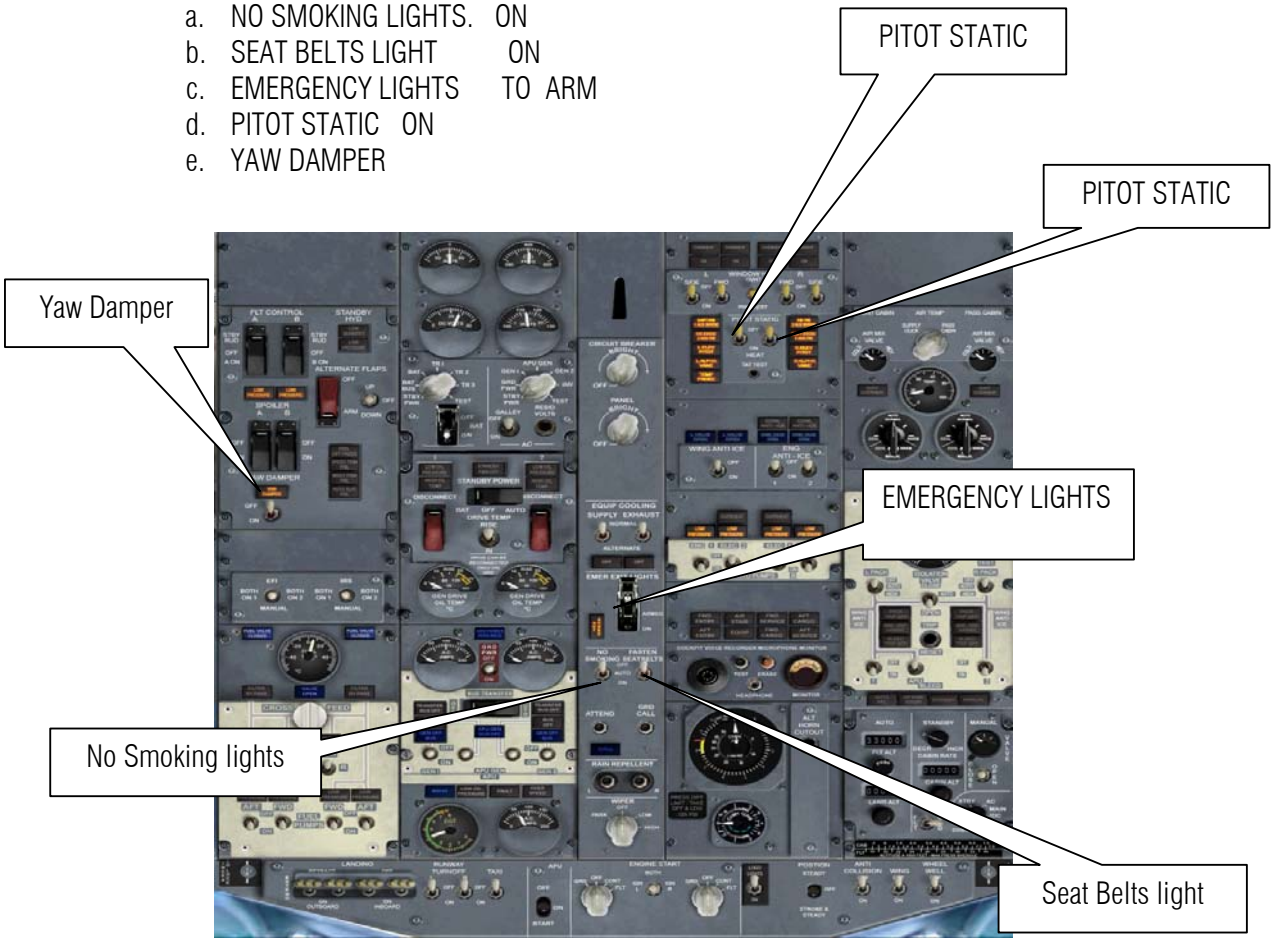
19. Turn on the APU GEN to ON. The button will just go back in the middle, and the APU BUS GEN LIGHT IS OFF. But look at the AC AMPS you GOT POWER!!!

BEFORE

AFTER

20. Turn ON the following in no particular order.

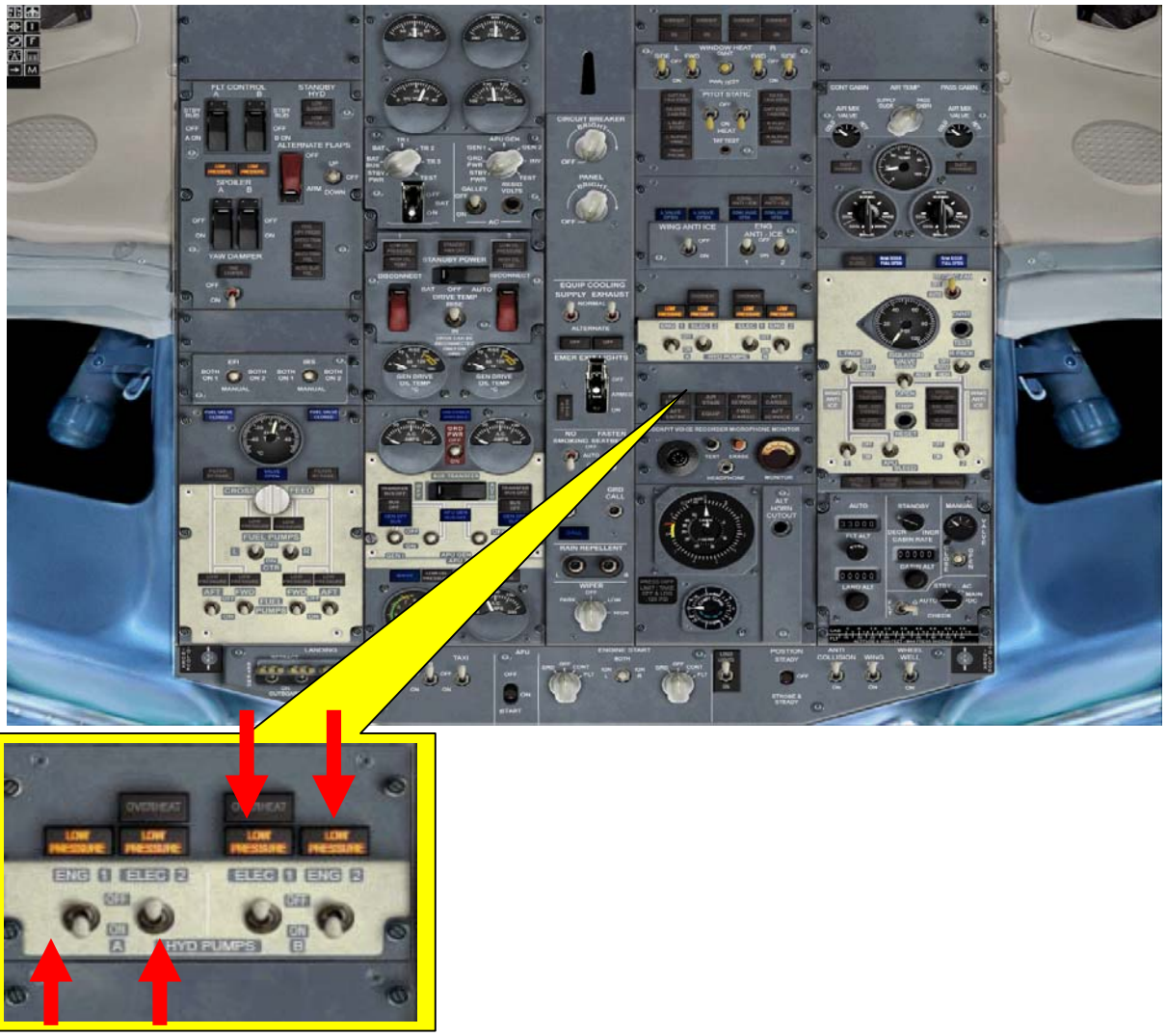
a. NO SMOKING LIGHTS. ON
b. SEAT BELTS LIGHT ON
c. EMERGENCY LIGHTS TO ARM
d. PITOT STATIC ON
e. YAW DAMPER



BEFORE

AFTER

21. locate the Hydraulic pumps

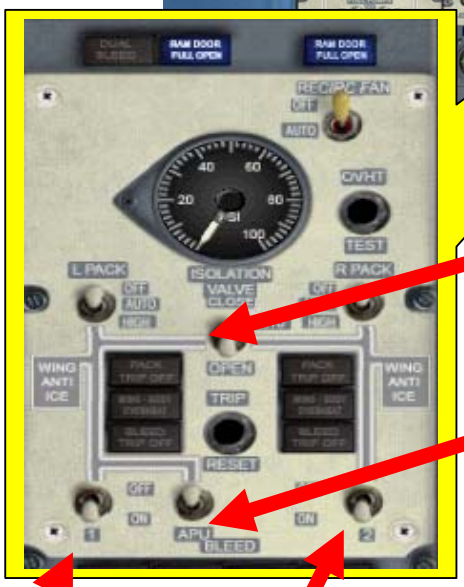


Do the following

a. Turn OFF ENG 1 AND ELEC 2
b. Turn ON ELEC 1 AND ENG 2

HERE WHAT IT SHOULD LOOK LIKE

22. Time to give our APU an air to breath. Do the following:



ISOLATION VALVE TO OPEN

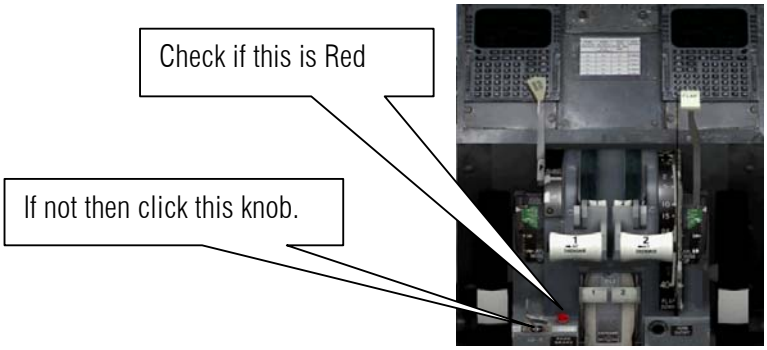
APU BLEED ON

R PACK OFF

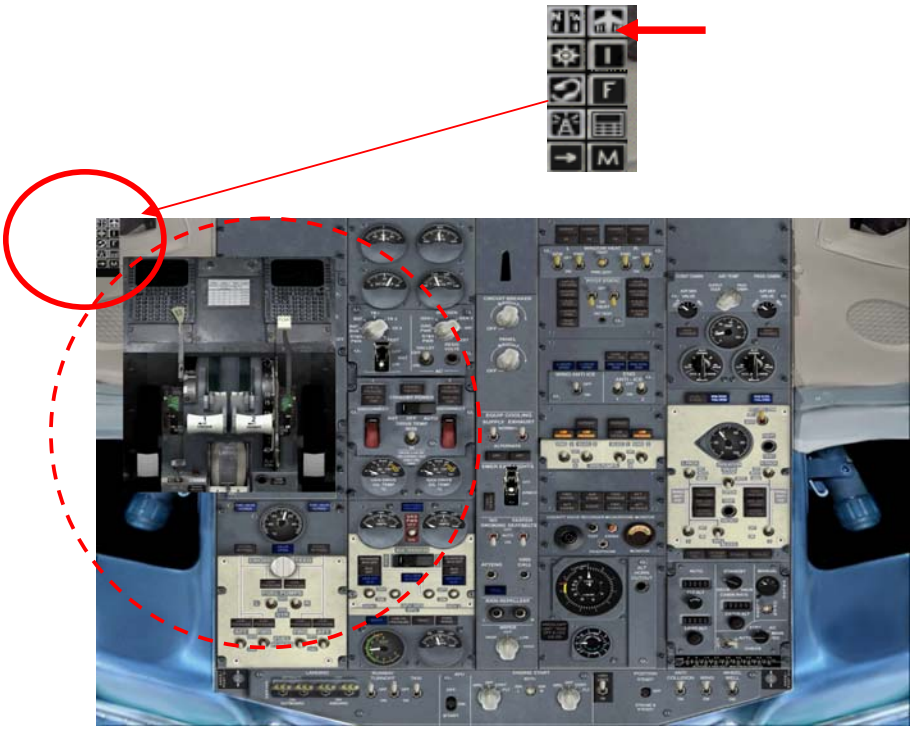
L PACK OFF

HERE IS THE RESULT

23. Let us check if the Brake is engage, it's vital before starting the engines. Press Ctrl + . (Period)



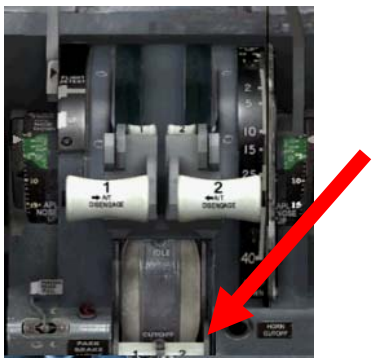
24. Let us start the Engine. Press **Shift +5** on the keyboard or click the Throttle Icon on the upper left side of the screen. This shows you the throttle control.



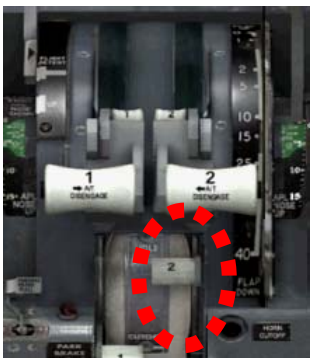
As you can see the throttle is in **idle** make sure that your joy stick also is in the idle position. On the lower part of the overhead is the engine start. Its normal to start Engine Right to Left (don't ask me why) so turn the knob of Right engine to GND and you will hear engine spooling.

Wait for at least 10 seconds as the engine runs then click the lower part of the throttle click the lever so it will go from CUTOFF to IDLE.

BEFORE

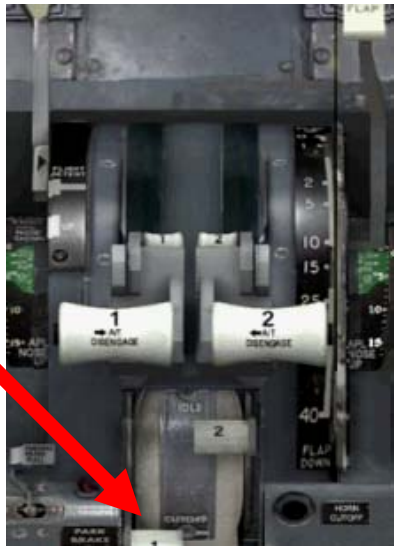


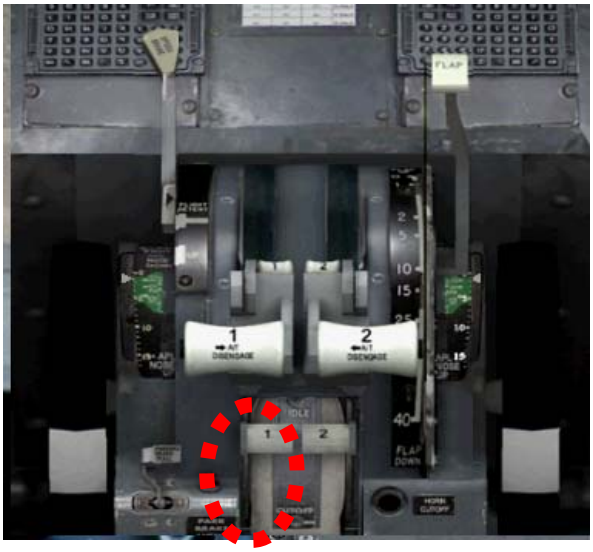
AFTER



25. As you can see the knob comes back to OFF position. Now start the Left Engine by clicking the knob of Engine Start to GND.

Just like right engine it as you hear its running wait for 10 seconds before clicking the lever of Left Engine on the throttle control to IDLE.





26. Now let us turn on the GEN switches to ON position this will turn OFF the lights of GEN OFF BUS. As shown below. It turns on the APU GEN BUS OFF light.

BEFORE

2nd

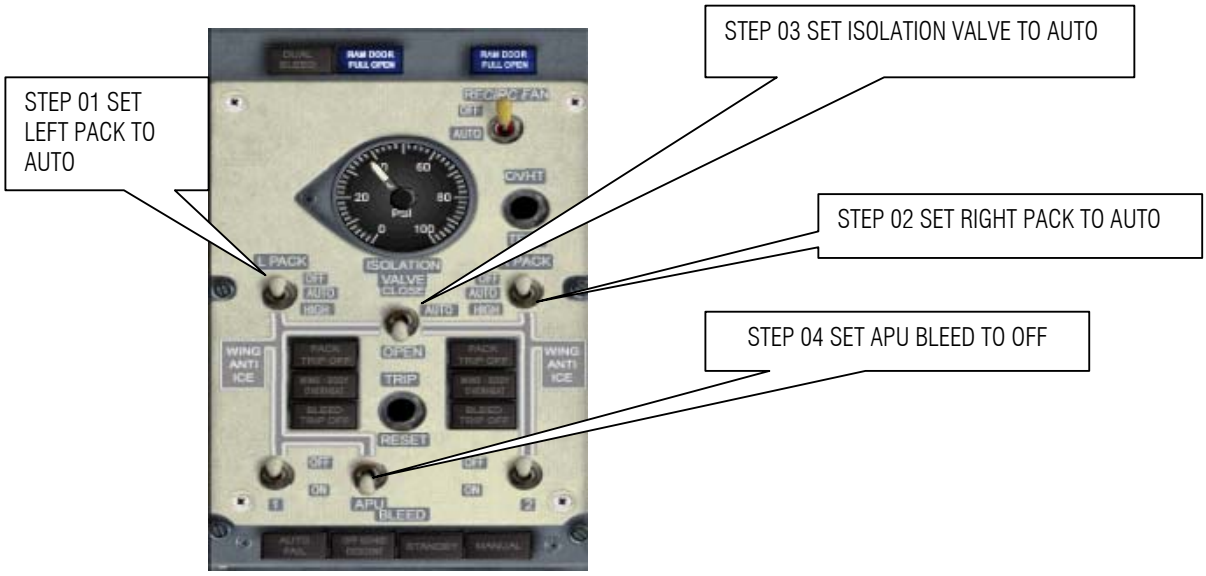
AFTER

27. Now go back to hydraulics and turn on the ENG 1 and ELEC 2

BEFORE

AFTER

28. Let us Turn OFF the APU



BEFORE

AFTER

29. Let us turn on the lights.

BEFORE

AFTER

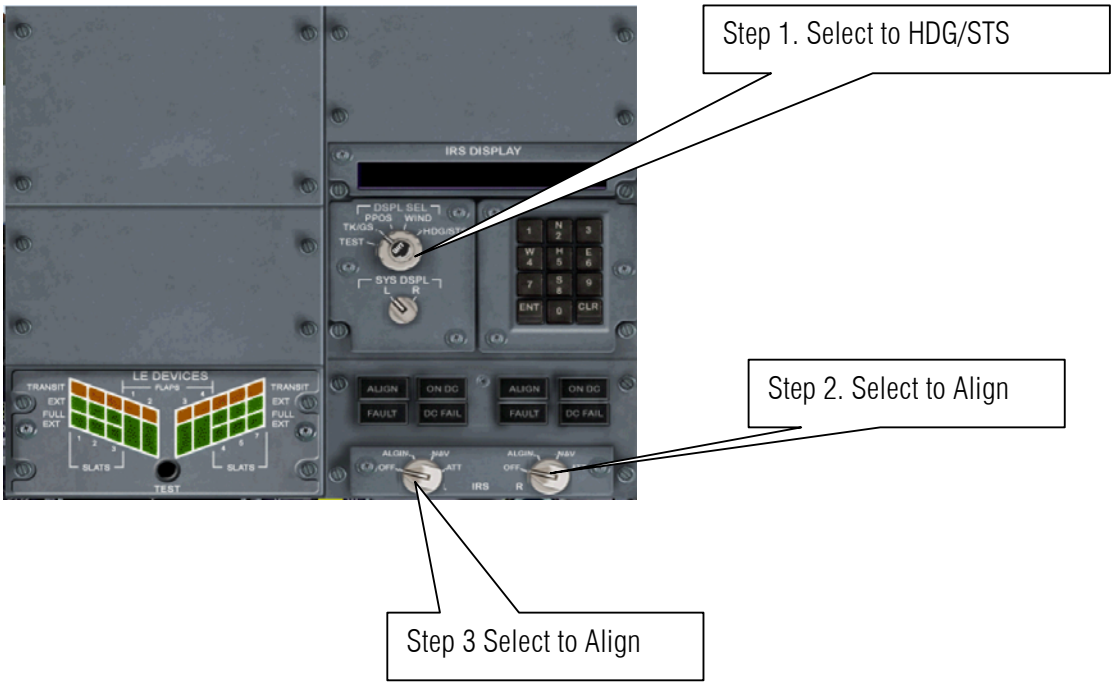
30. Turn on the window heat.

BEFORE AFTER

31. Press **Shift + 2** on the keyboard or click the icon on upper left corner to remove the OCP. Then Press **Shift + 5** or click also the icon for throttles to remove it back to the screen as show below

32. Let us now take advantage of the time to align our position to the IRS. Press **Shift + 3** or click the icon

33. Do the following:



34. The number on the IRS display is 3 means 3 minutes.

35. After 3 Minutes later it's align as the number disappear. Then press Shift + 3 to hide the IRS panel.

Step 2 Select to NAV

Step 1. Select to NAV

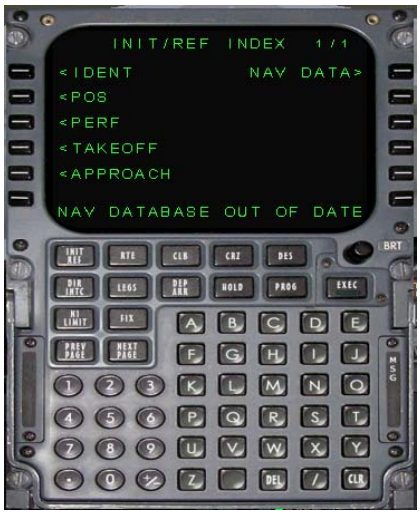
36. Time to program the CDU press Shift + 4 to show the CDU.

37. INTRODCUTION ON **CDU** BUTTON

Show below is the keypad name for example 1L means 1st button on Left. 5R means 5th button on Right on so on.

38. Now click **6L** to show the index menu.

BEFORE



AFTER

39. Click 2L or POS to align our position. Press CLR on the CDU key pad twice to clear out data entry

click 2 x

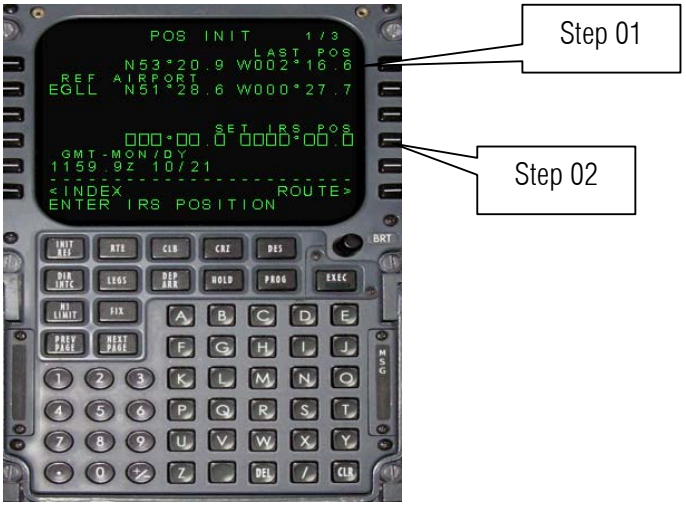
BEFORE AFTER

40. Using the CDU key pad Type in the position where you are now in this case Manchester also know as EGLL by Pilots and Navigators.

41. Then click 2L to enter it on the CDU

BEFORE AFTER

42. click 1R then click 4 R



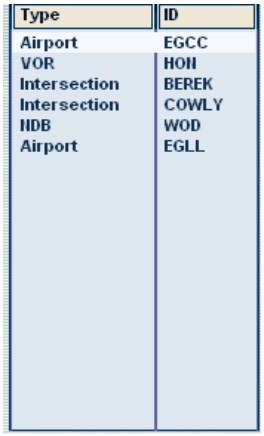
BEFORE AFTER

43. Let us tell him the Routes.

ENTER THE ROUTES

On step 11 The routes are the following

i. EGCC DEParture
ii. HON
iii. BEREK
iv. COWLY
v. WOD
vi. EGLL **ARR**ival



44. Click **6 R** to go on RTE page

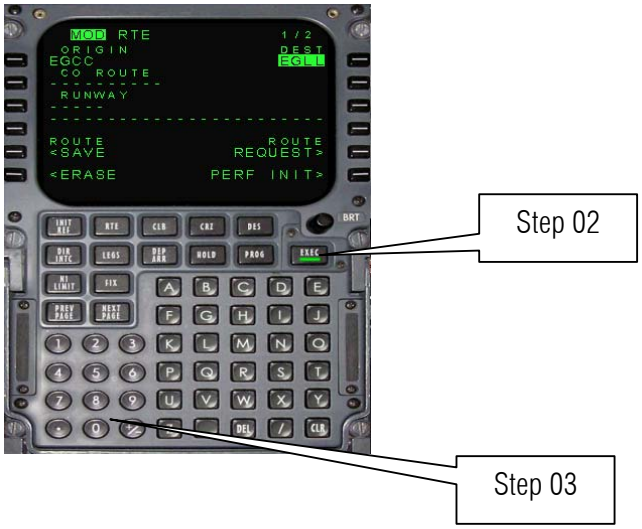
BEFORE AFTER

OPTION 1 ENTERING ROUTES

I. Here is the fastest option on entering routes. Click 5R

BEFORE AFTER

II. Click 6R to activate. Then click EXEC button to execute after that click LEGS.



III. When you compare to the data on step 11.

Type	ID
Airport	EGCC
VOR	HON
Intersection	BEREK
Intersection	COWLY
NDB	WOD
Airport	EGLL

OPTION 2 ENTERING ROUTES

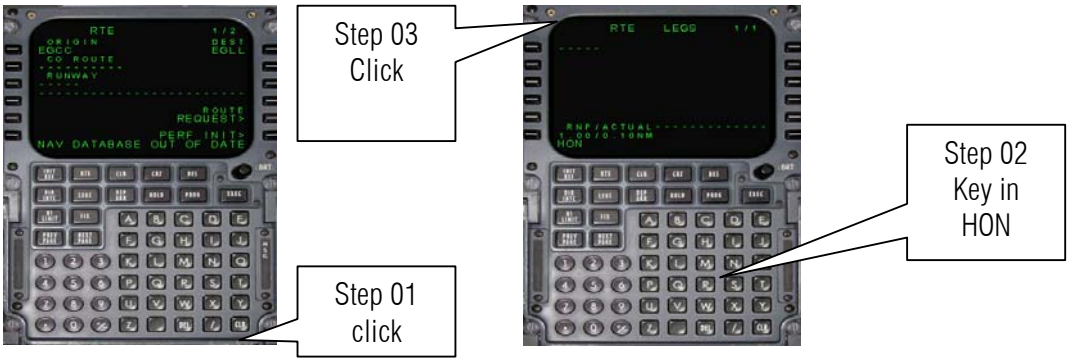
I. Here is the realistic and slow option on entering routes. Type in EGLL then click 1L. Afterwards Key EGLL click 1R.

BEFORE AFTER

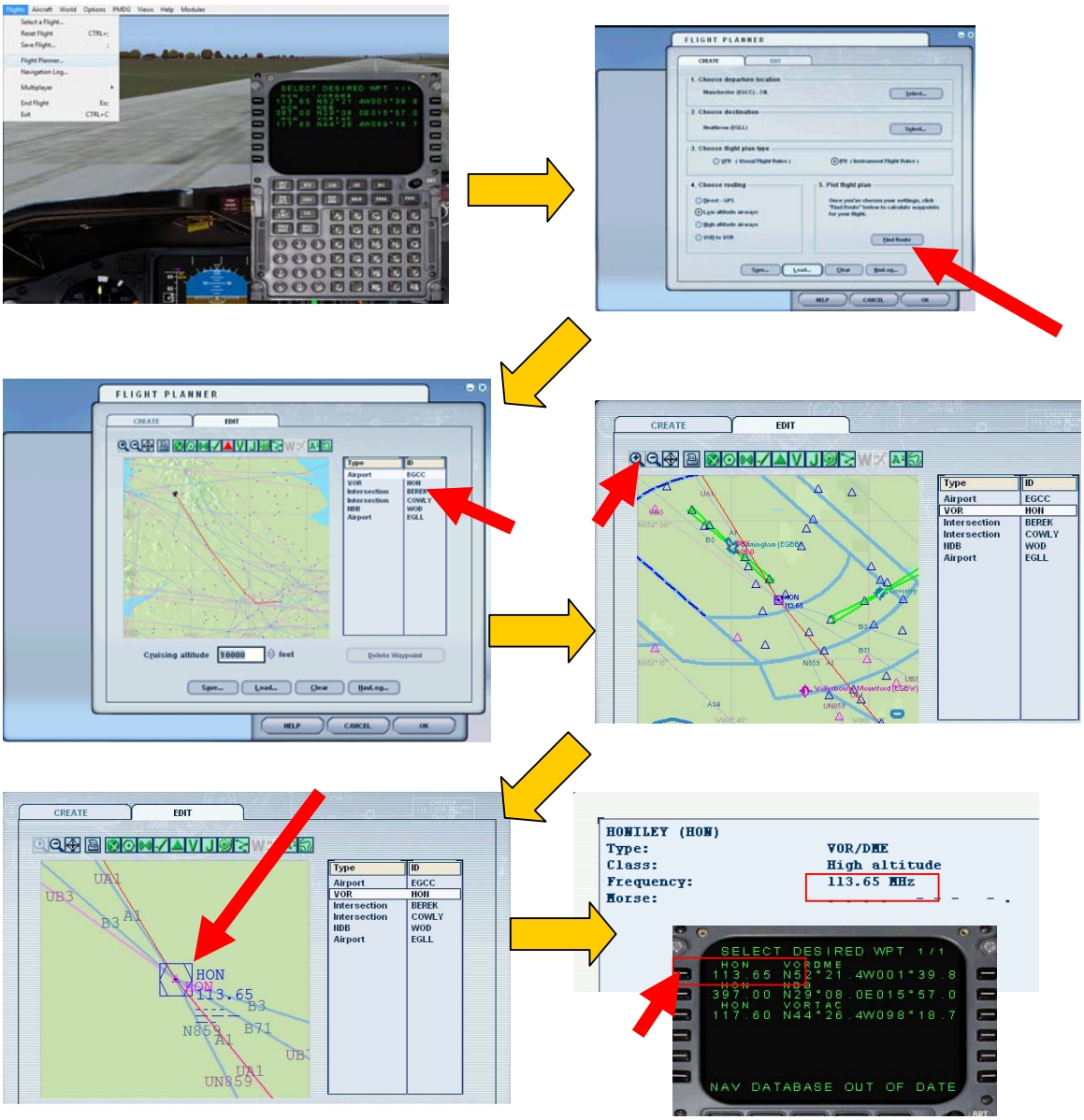
II. Click LEGS. Check Step 11 and make a list of Routes of waypoints on the piece of paper.

Type	ID
Airport	EGCC
VOR	HON
Intersection	BEREK
Intersection	COWLY
NDB	WOD
Airport	EGLL

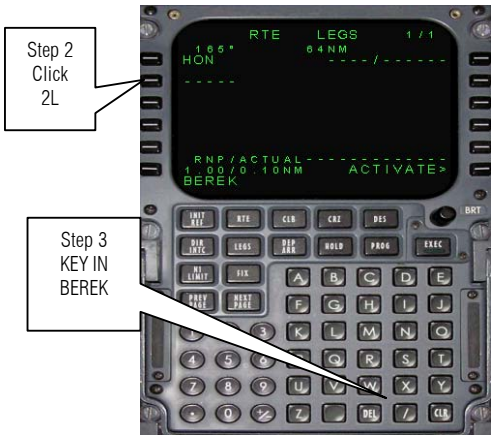
III. Click CLR twice then type in HON on the CDU keypad then click 1 R



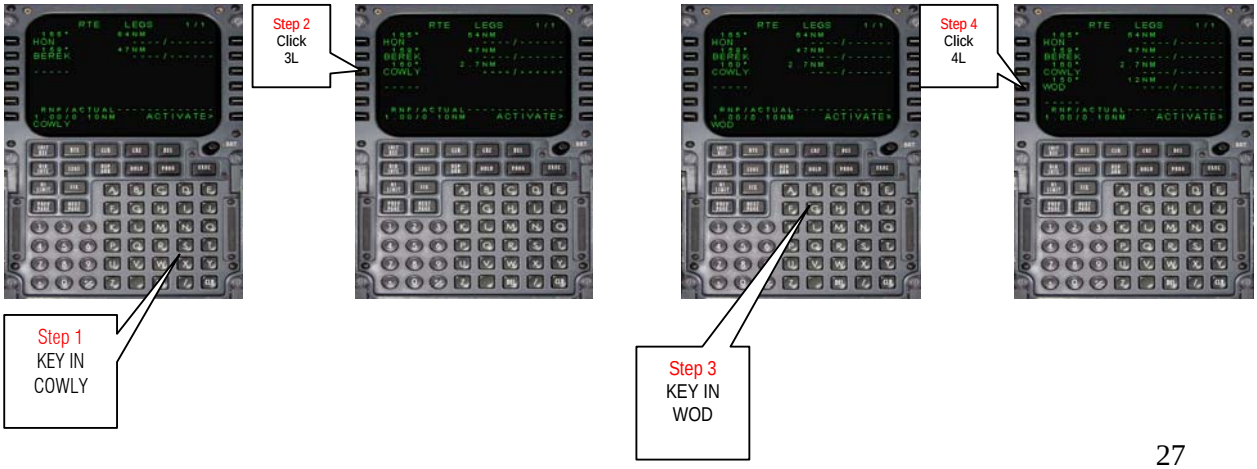
IV. Oh uh! what is this? This means there is duplication. Go to Flight plan. Press ALT on the keyboard then Flight then flight plan. Click Find Route then on the list box click HON. Zoom in to HON by clicking the icon. Then click the icon of **HON**. It's fortunate that **HON** is a VOR/DME it means it transmits a radio frequency 113.65 MHz. So the choice is 1L. DO NOT CLICK LOAD! PRESS CANCEL ON THE FACILITY INFORMATION DIALOG AND CANCEL ON FLIGHT PLANNER DIALOG AND RETURN TO FLIGHT SIM.



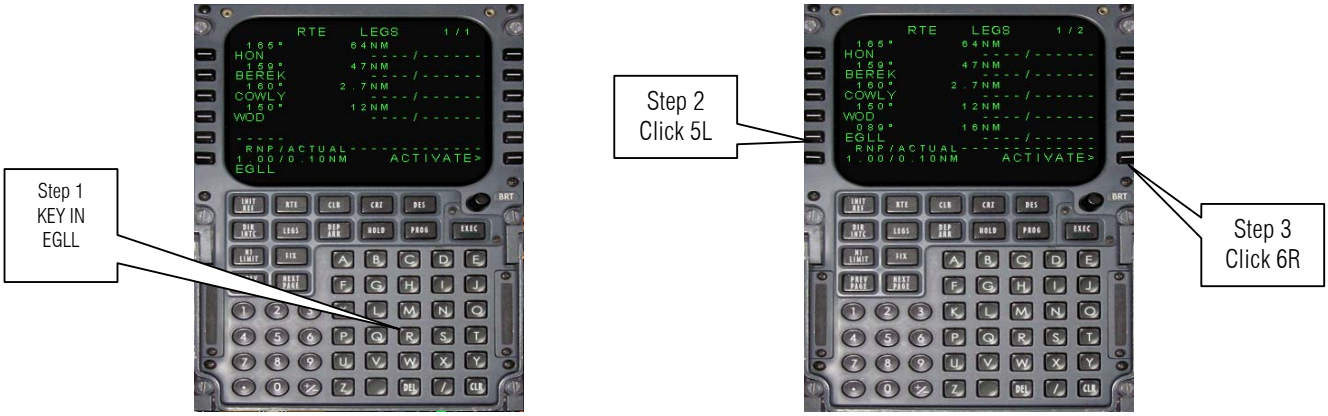
V. Click 1 R Now if have not. Using CDU key pad Type **BEREK** and click **2R**. Just like **HON**, **BEREK** also have a duplicate Waypoint. This time the way point is not a DME/VOR so just like preceding step open the flight planner and click B**EREK** and check the coordinates. Just like before it's the first one. Then its **1L** again.



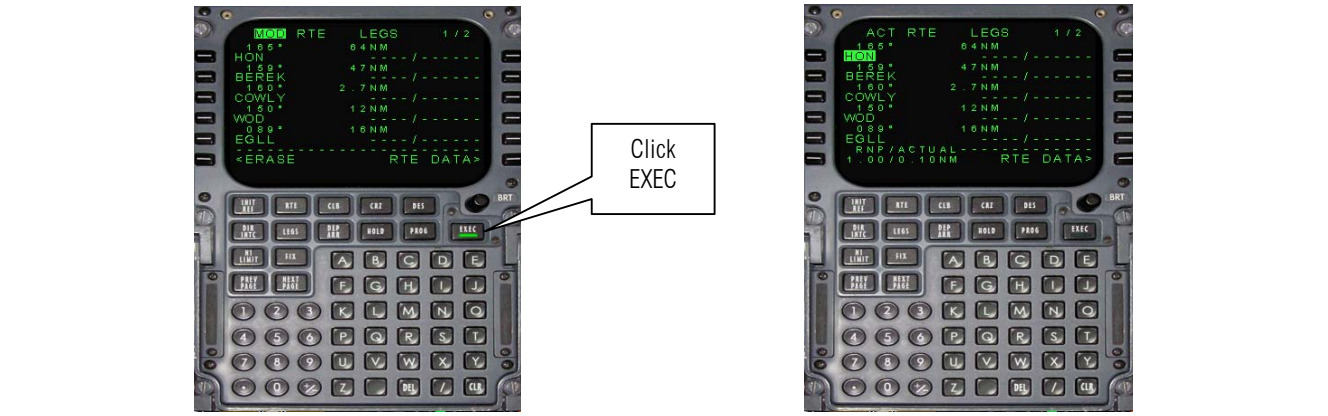
VI. Then type in the remaining way point. Using CDU key pad type COWLY and press 3L. Using CDU and press to 4L.



VII. Finally Enter EGLL (London Heathrow) to finished our route. By typing EGLL using CDU key pad then click 5L to enter it. Then click 6R to activate the route.

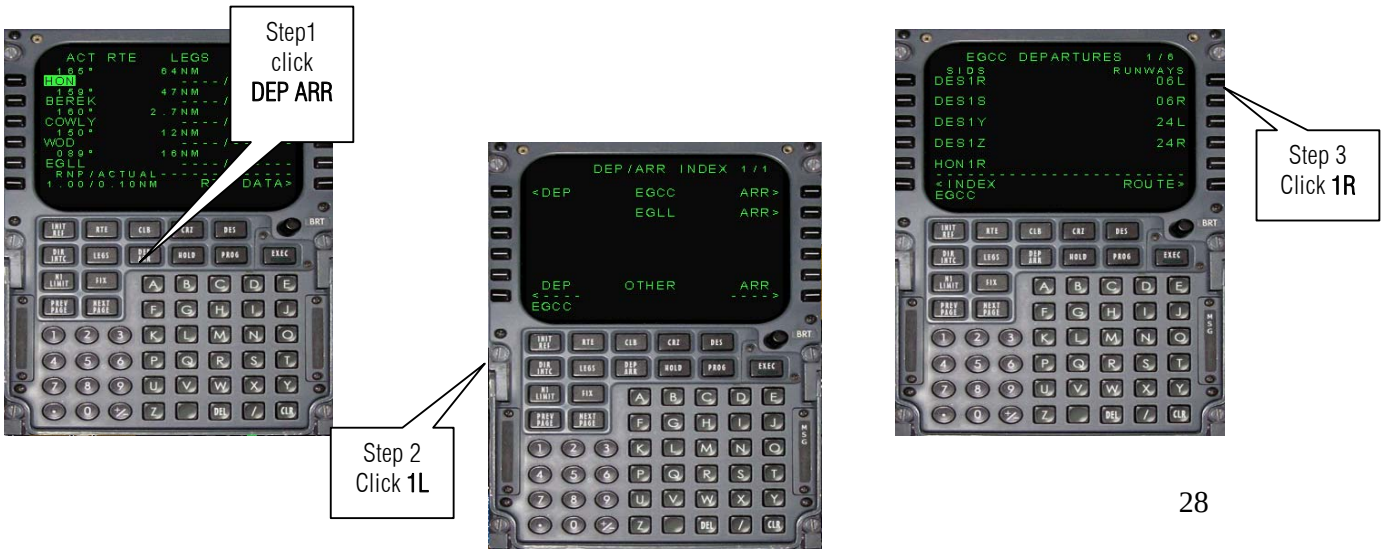


VIII. Then click EXEC on the CDU keypad



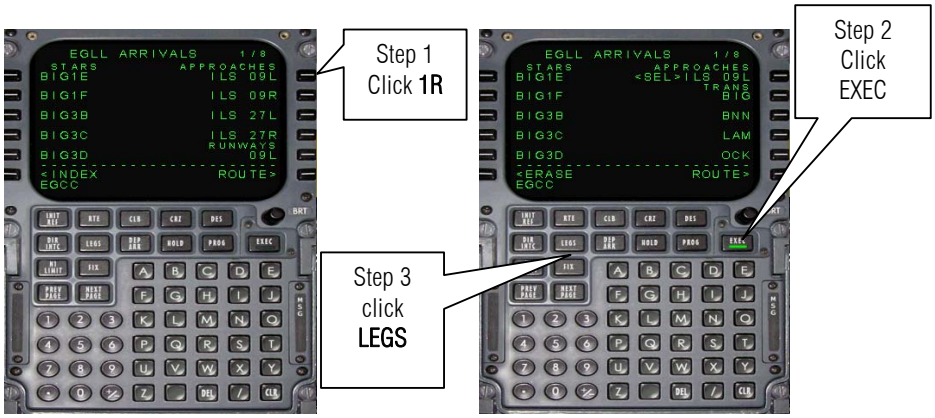
THAT IS IT FOR **OPTION 2** !!! If you check Step III on Option 1 you will see that they look identical.

45. It's your choice option 1 or Option 2 in entering the routes or waypoints. So let us continue entering the stuff in the CDU. Click the **DEP ARR** button on the CDU then click **1L** for **DEP**arture. If you can remember Step 6 we select to depart from *runway 6L* so we select **1L**

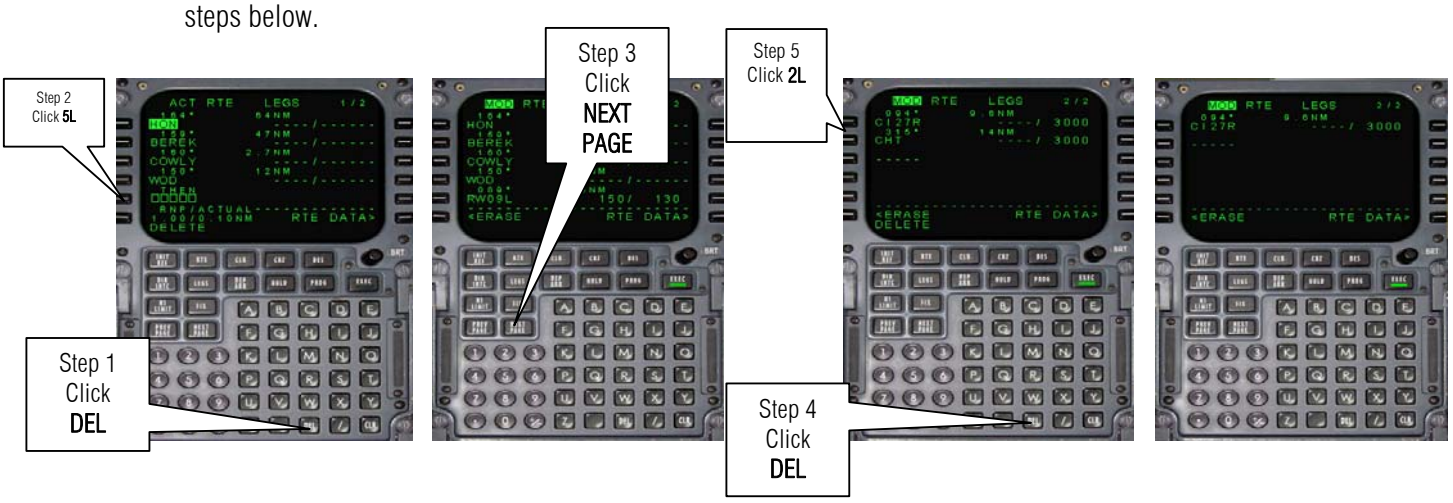


46. Click **EXEC** button then click **DEP ARR** button again. Then click **2R** for **ARR**ival

47. In the real world ATC directs you to the runway for Arrival. But since this is a simulation let me select what FS2004 always choose, that is runway 09L. Click **1R** then click **EXEC** button then go back to LEGS to check the routes again.

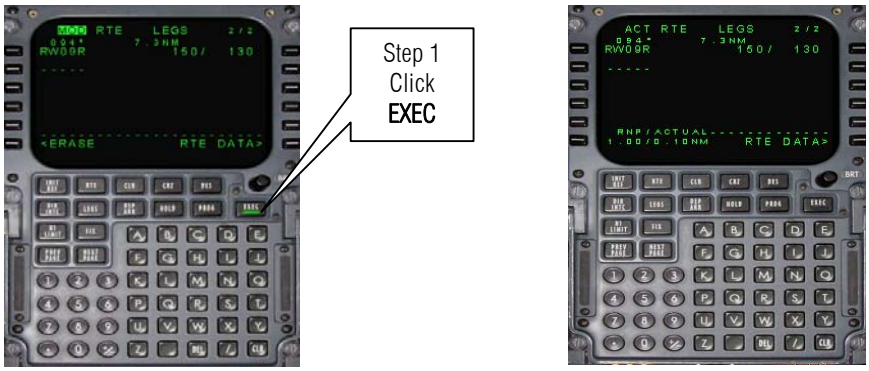


48. As you can see the computer adds new waypoints. We must remove the unnecessary waypoints. Follow the steps below.



49. Continue to remove the last unnecessary waypoints.

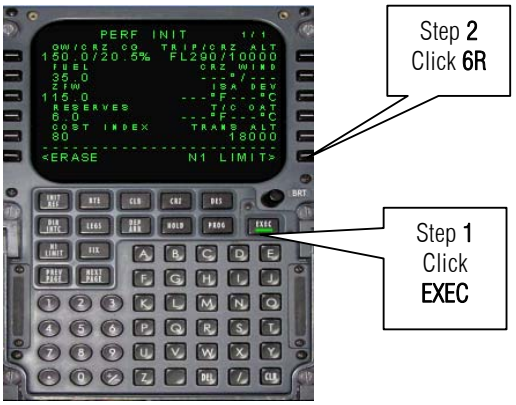
50. Let us enter the Data to the aircraft by clicking EXEC.



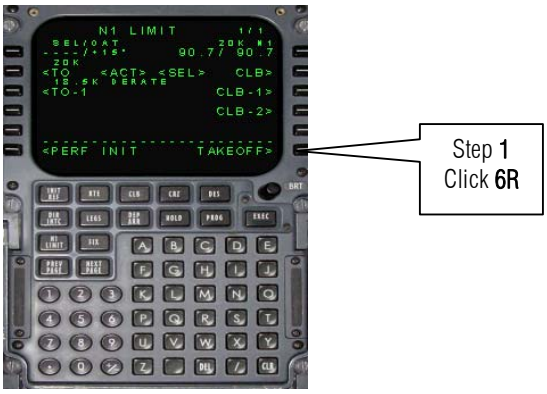
51. Let us enter the Weight of Fuel (you can learn more of this in the manual by Capt Mike Ray)

52. Using the CDU numeric key pad enter the following: On 1L enter 150. On 1R enter 10000. On 4L enter 6. On 5L enter 80.

53. Now let us enter it again to the CDU.



54. Let us enter the Take off data.

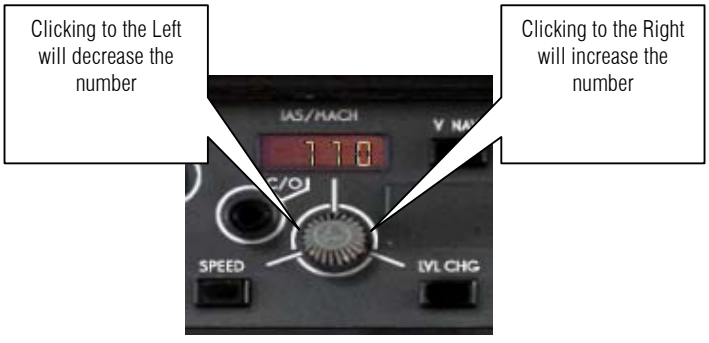


55. Again using the CDU Numeric Key Pad Enter the following V speeds

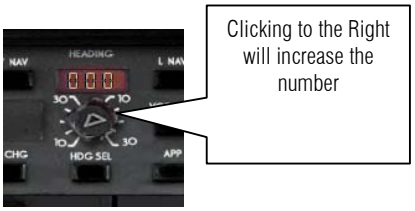
56. So that's it for CDU for the meantime. Press **Shift +4** to hide it.

57. Let us set up the MCP.

58. Increase the Speed to **144** as indicated on the CDU

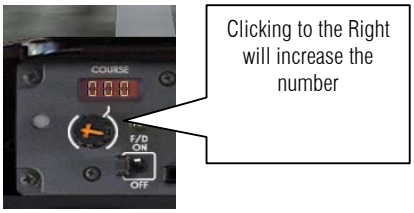


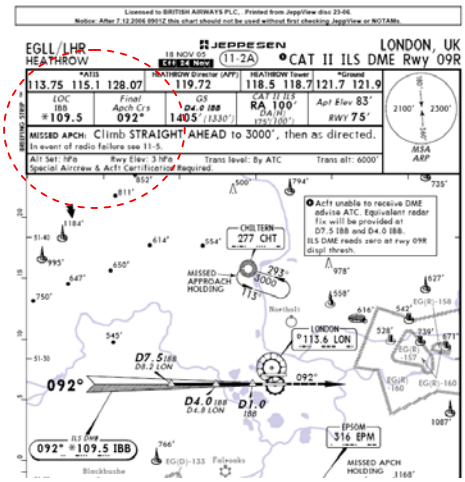
59. Just like Speed, Heading must also be programmed.



60. That includes also the Cruising Altitude 10000

61. Although we are not landing yet let us program the course check the flight plan or if you have a SIM chart, Jeppesen Chart to check the COURSE. We are landing on runway 9 Right.

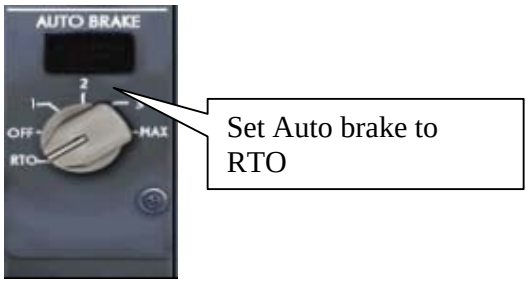




62. Press **Shift +7** and **Shift + 5** to show the landing gear stick and throttles.

63. Let us increase the flaps to 15 as per CDU

64. In case of unsuccessful take off we must arm the auto brake to RTO

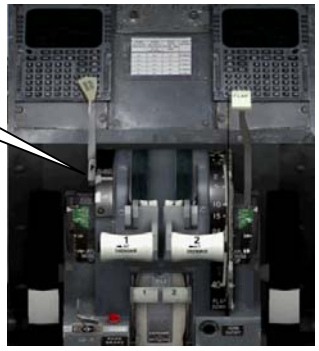


65. YOU ARE READY TO TAKE OFF!! Call ATC and tell them you are ready to rock and roll.

RADIO
1123 , cleared for takeoff runway 6L, departing straight-out approved.
1123 , taxi to and hold short of runway 6L via taxiway runway 6L. Contact tower on 118.625 when ready.

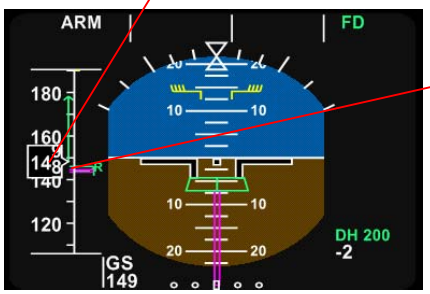
66. Release the brakes. Press **Crtl + .** or do as figure shown below.

OR click this knob.

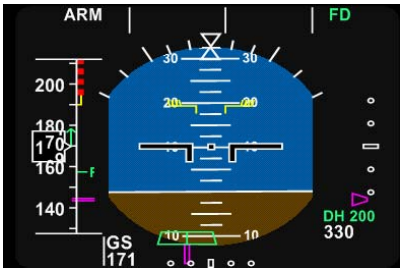


67. Press **F4** or if you have a throttles in your Joystick push it up to the max.

68. watch your speed as you near or surpass VR or Rotate



69. Pull the nose UP 10 Degrees there no turning back FLYYYYY!!



70. Gear up. Press G on the keyboard.

71. Press the following in sequence.

72. Retract the Flaps to Null press F5 on the keyboard.

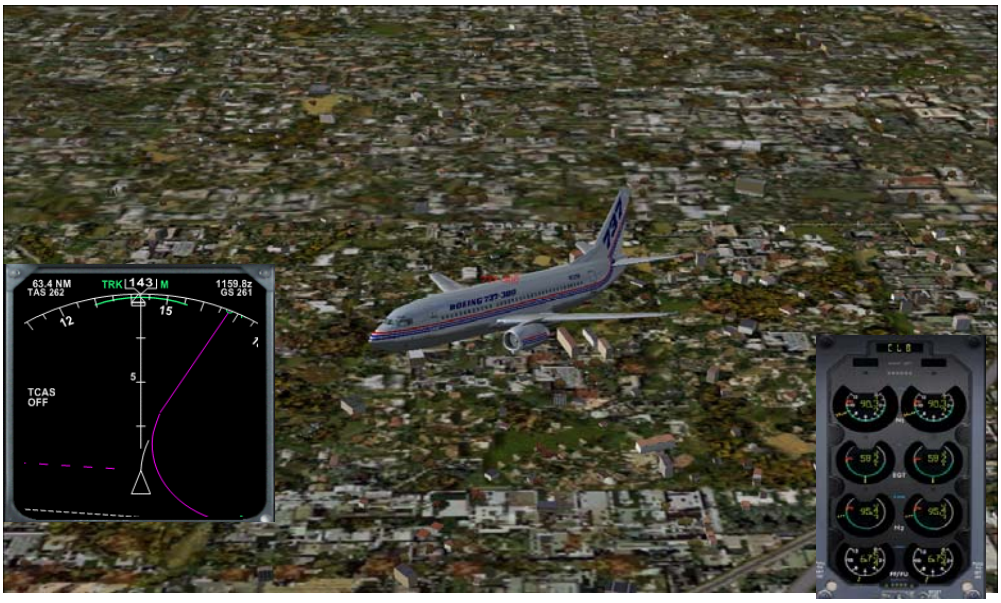
73. On the overhead panel Turn OFF the APU by clicking that switch to OFF. It will shut down the APU

STEP 04 SET APU TO OFF

BEFORE

AFTER

74. Now look how intelligent this aircraft is. It will climb as it turns to the first way point.



75. Now let us see the CDU on LEGS page and track our flight. Press Shift+8 to show the EFIS control panel.

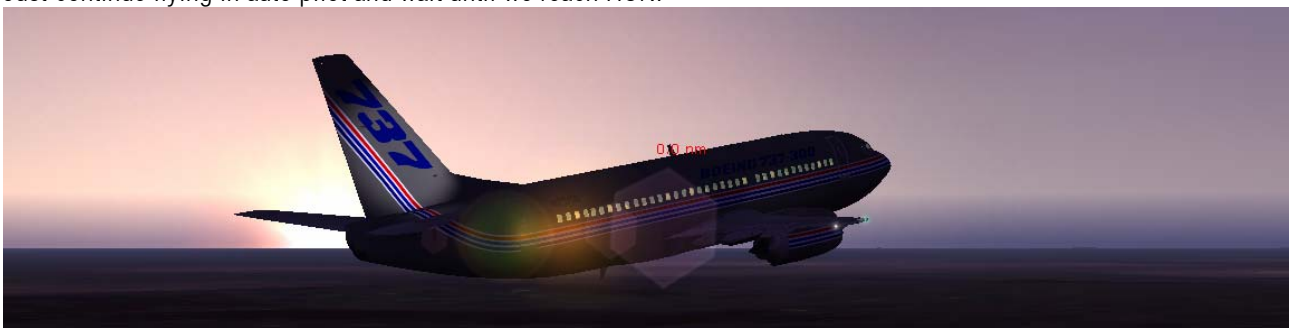
76. Let us increase the range

77. The triangle represent your airplane the magenta is the route. You can see waypoint HON.

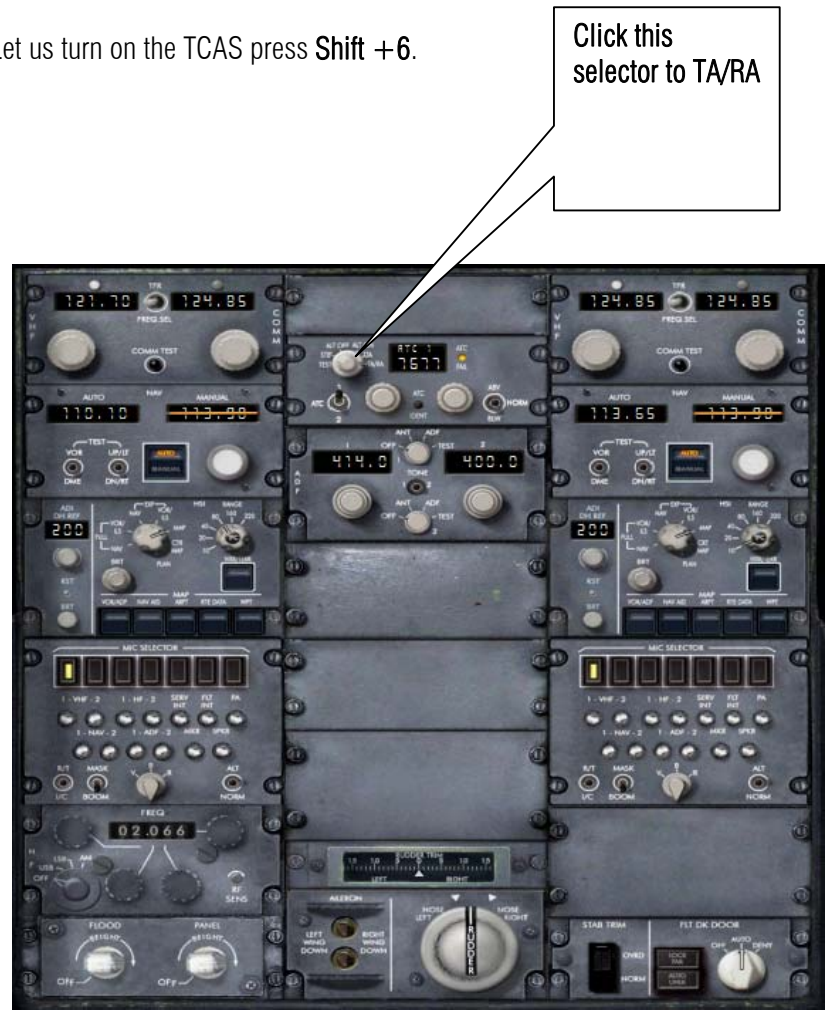
78. Let us check what the **CDU** is saying press **Shift+4** then click the LEGS button.

As you can see the route is predicting that on BEREK your Altitude must be 9600 ft.

Just continue flying in auto pilot and wait until we reach HON.



79. Let us turn on the TCAS press **Shift +6**.



80. By this time you have pass HON and the aircraft is turning toward waypoint BEREK. Its time to descent.

81. On the left outer side of the altitude knob click it until it reaches 5000. Why 5000? Because we are too close to the arrival by the time we reach BEREK.

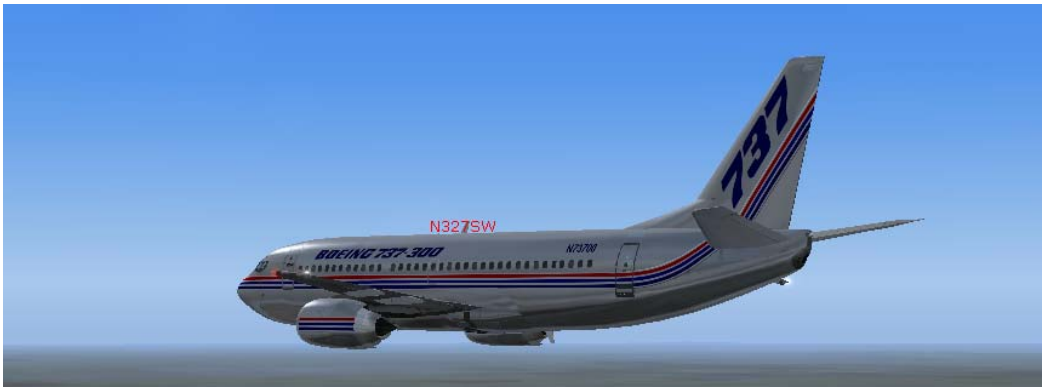
BEFORE

AFTER

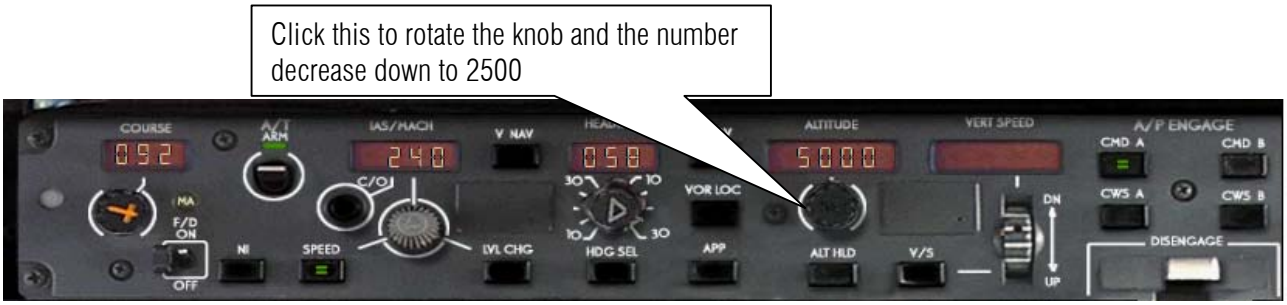
82. This will not take effect until you click LVL CHG button.

83. As you observe the Altimeter and Vertical Speed is moving.

84. Continue flying towards BEREK.



85. So by this time you are going toward COWLY let us reduce altitude again.



86. Let us radio Heathrow tower that we want to land on Runway 9R. He will say 9L but you can request 9R.

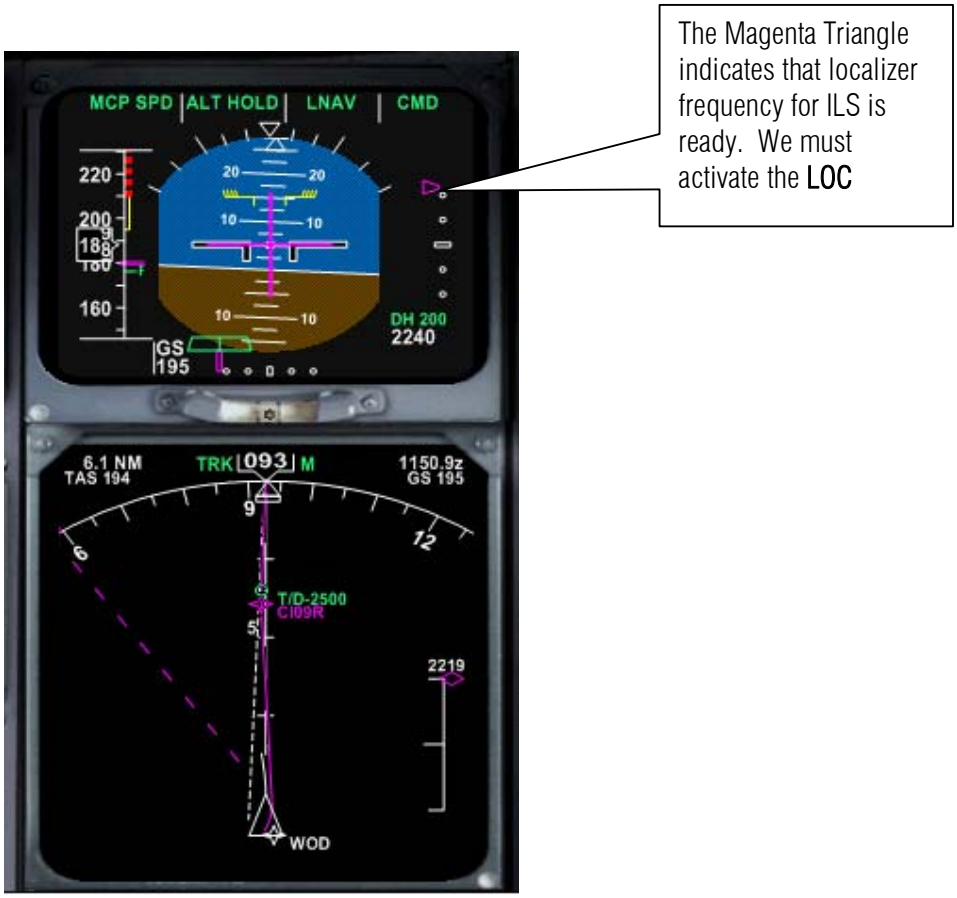
87. By the time you are in **WOD** Let us prepare for landing by slowing down a bit.

BEFORE

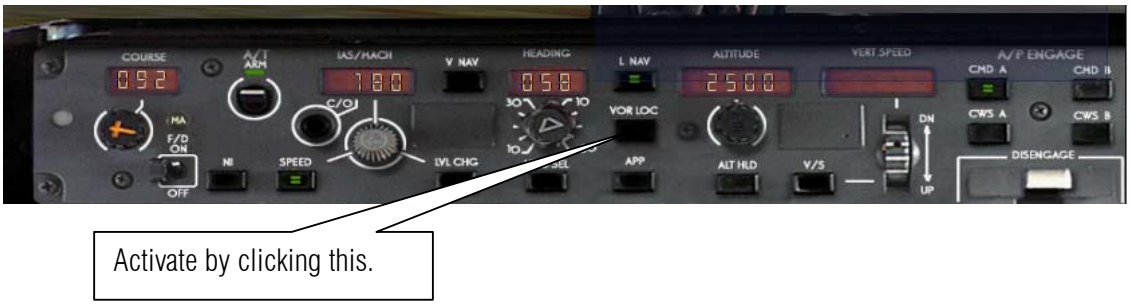
AFTER

88. At 200 knots set the Flaps to 10 Degrees press **F7** four times .

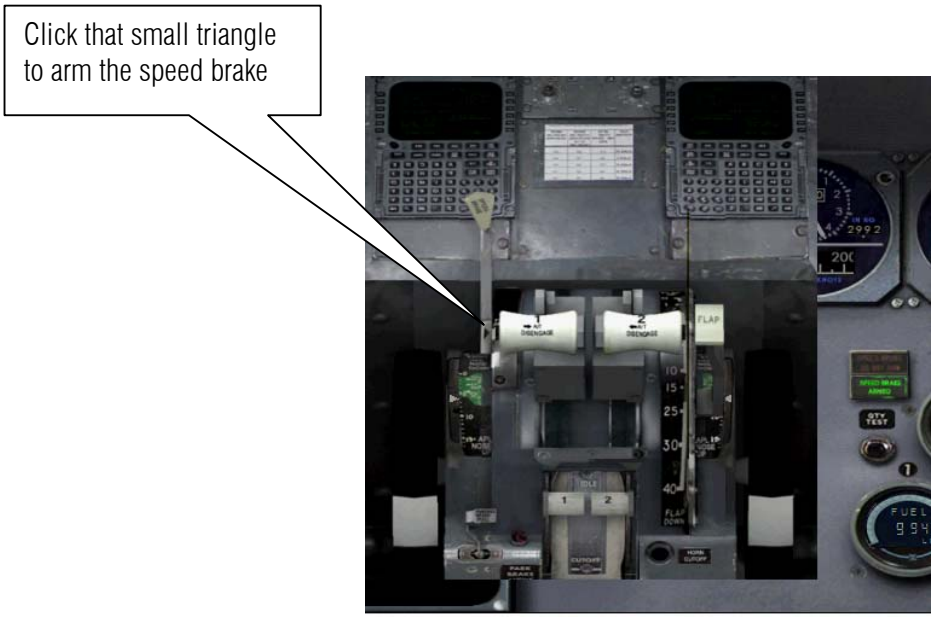
89. As we are aligning to the runway for Final approach. We shall see if the localizer is alive.



90. Let us activate the Localizer.



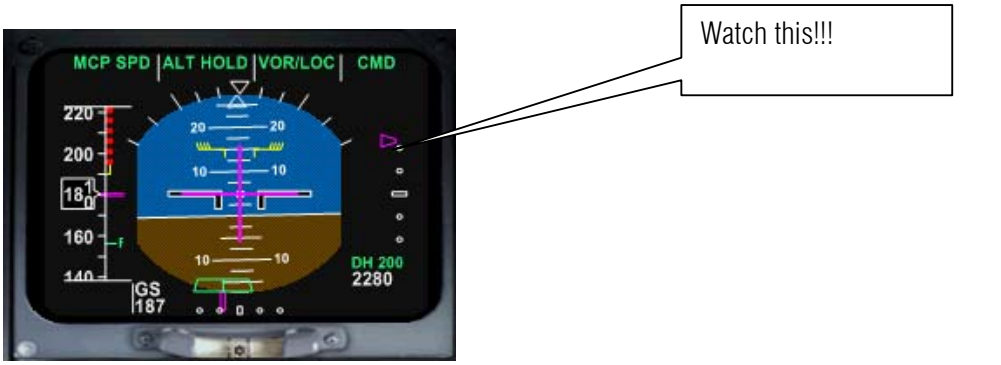
91. Let us Arm the Speed bakes



92. Set Auto brake to 3

93. Press **F7** again as we reach 180 knots

94. Now your hand must be fast and watch the Magenta triangle as it approach the middle.

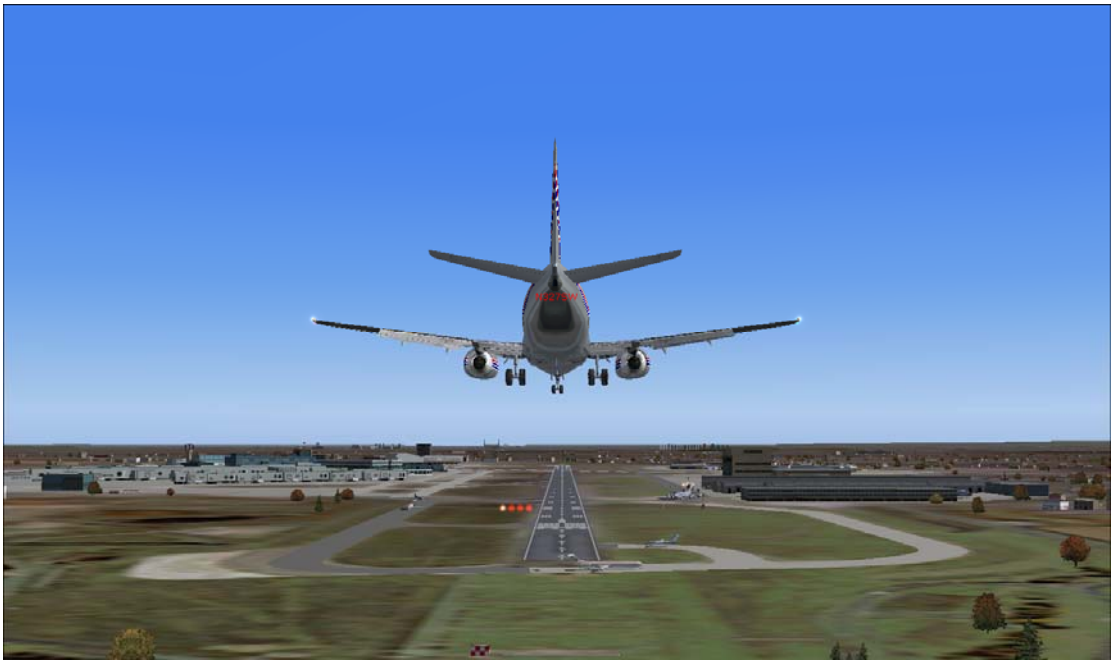


95. Once the magenta triangle is on the middle line click APP !!! and then CMD B.

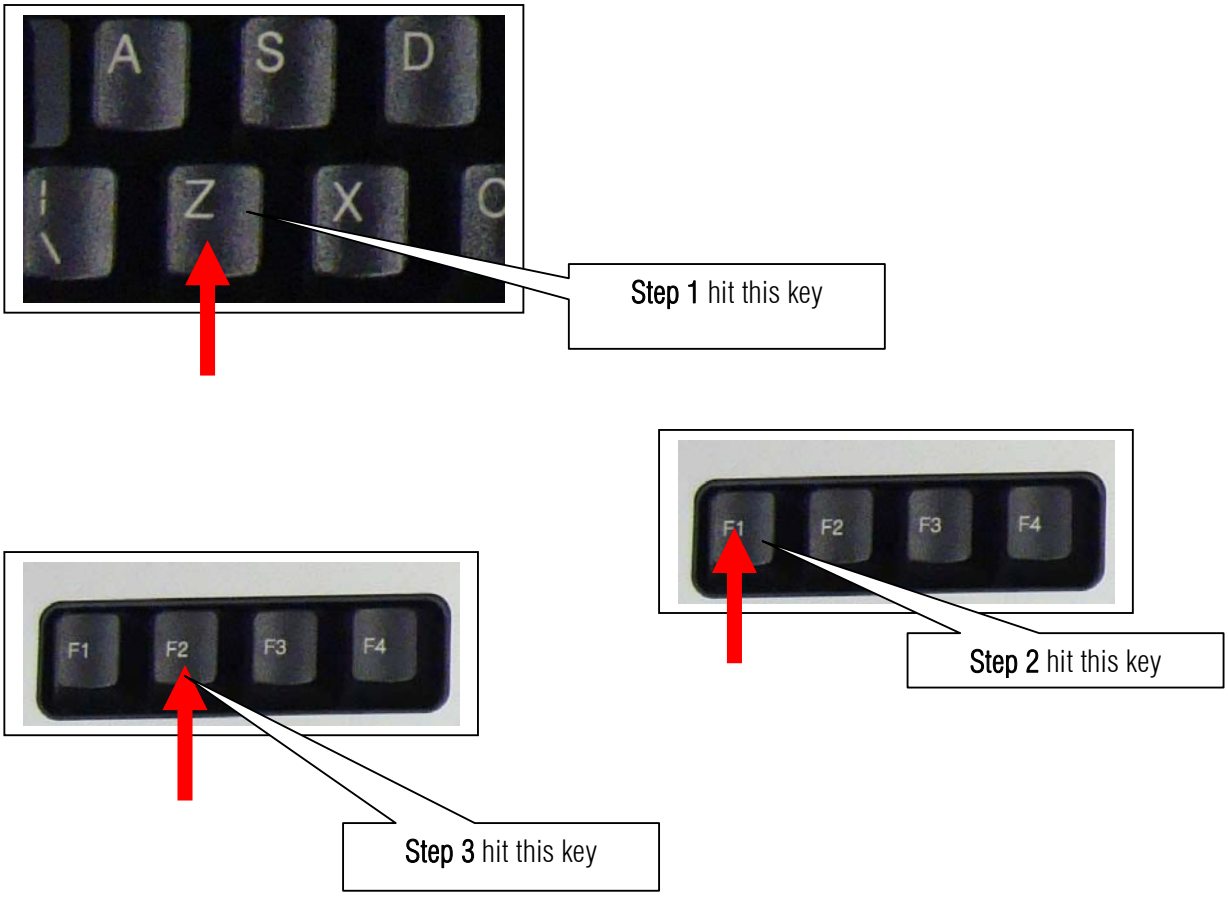
96. Now press G to deploy Gear down!!

97. Wait until your altitude is around 1000 Ft. then deploy the flaps to full by pressing F8

98. Sit back and relax as the Aircraft will Autoland.

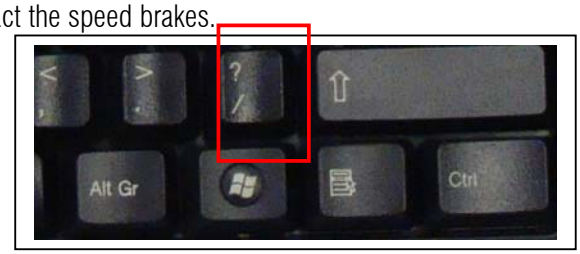


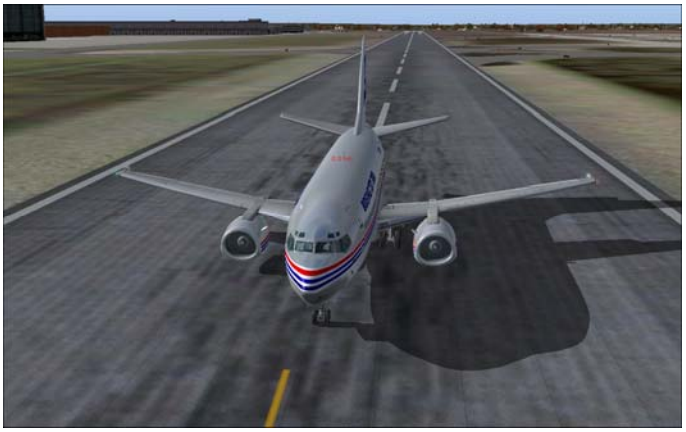
99. When the gear touches down press z



100. Retract the flaps by pressing **F5**. Then full stop by press. (Period)

101.Press Slash to retract the speed brakes.





Nice Landing!!! Call ATC and taxi to your Gate. I am going to London to see my daughter.

I am not a 737 pilot and this manual is Microsoft Flight Simulator only. This sample flight is dedicated to my beloved daughter Beatrice Joy. Many thanks to Mr. Christophe Modave. Thank you to Wilco Publishing and www.Feelthere.com.

Recommended software: