A SAMPLE FLIGHT FOR CITATION X

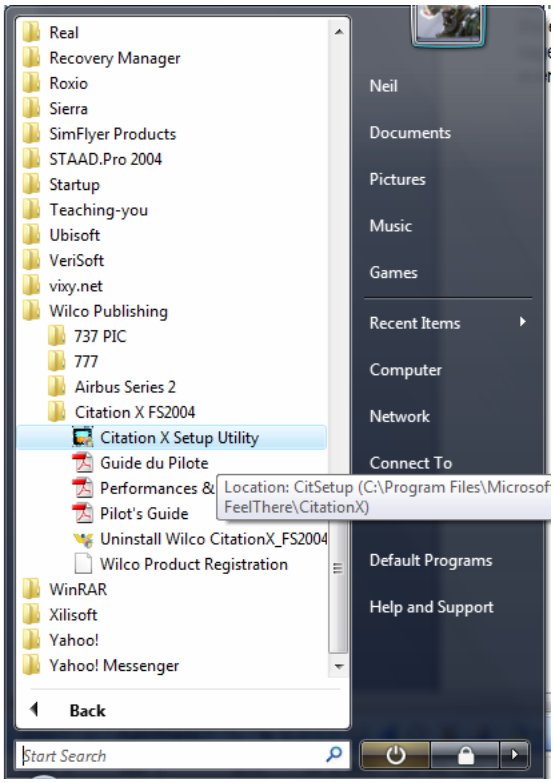
EGCC TO EGLL

BY

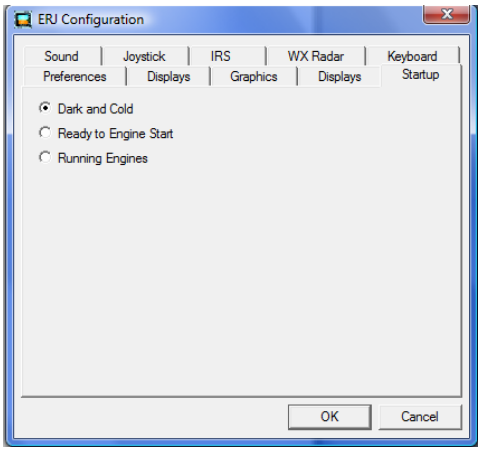
N HERRERA

Hello fellow simmer. Citation X is my third add on when I start flying Flight simulator again. The most difficult part receiving and flying of a new aircraft is how to start everything. I find my self making a lot of trial and error. If you are a beginner and just recently added Citation X to your collection this sample flight shall help you. I SUGGEST THAT WHEN YOU ARE INSIDE THE FLIGHT SIMULATOR ALWAYS PRESS P WHEN READING THE INSTRUCTION.

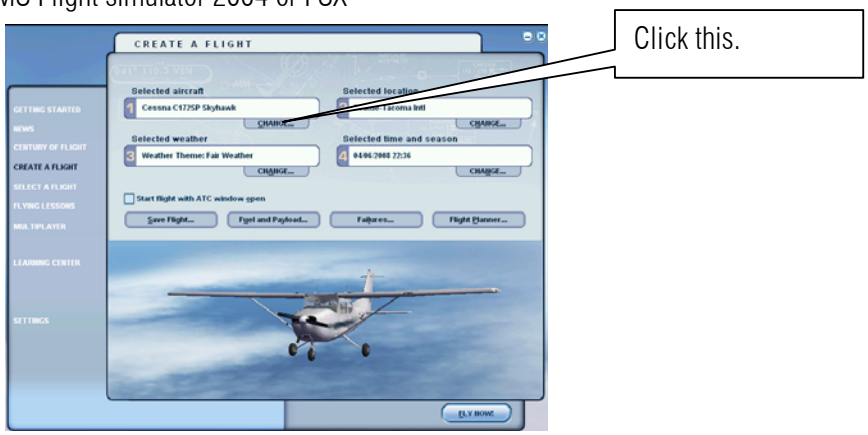
1. Okay so much for talking let us begin. Here is how to start cold and dark stage of Wilco Feelthere citation X. Go to start the click Wilco Publishing Citation X then citation X setup utility.



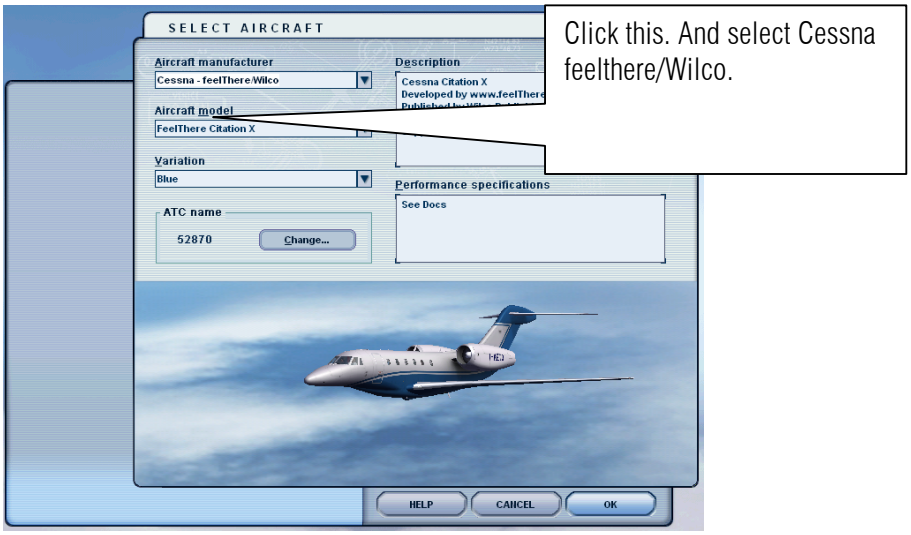
2. Select startup tab the click the Dark and Cold button click okay button.



3. Start MS Flight simulator 2004 or FSX

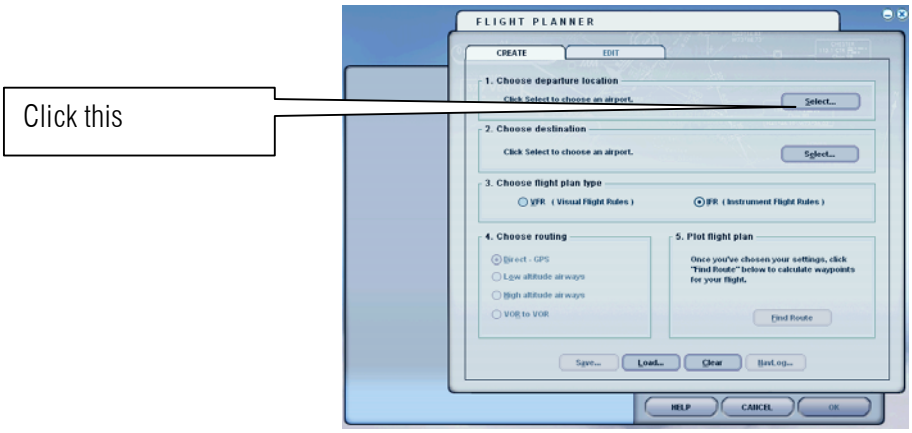


4. Change the setting as shown below. Select Cessna feelthere /Wilco.Click ok.

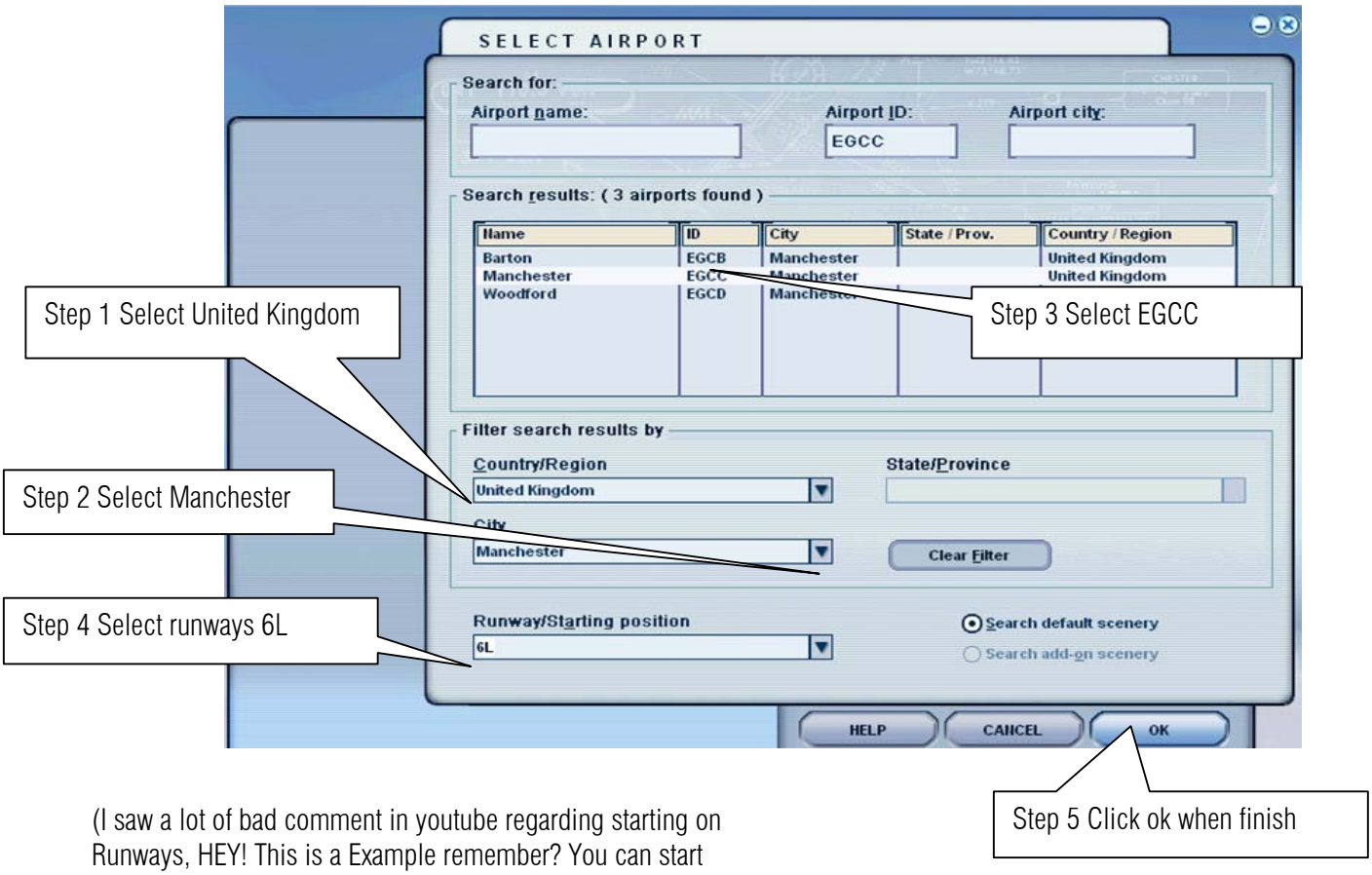


5. Click the flight planner button 

. I want to fly from Manchester UK to London Heathrow

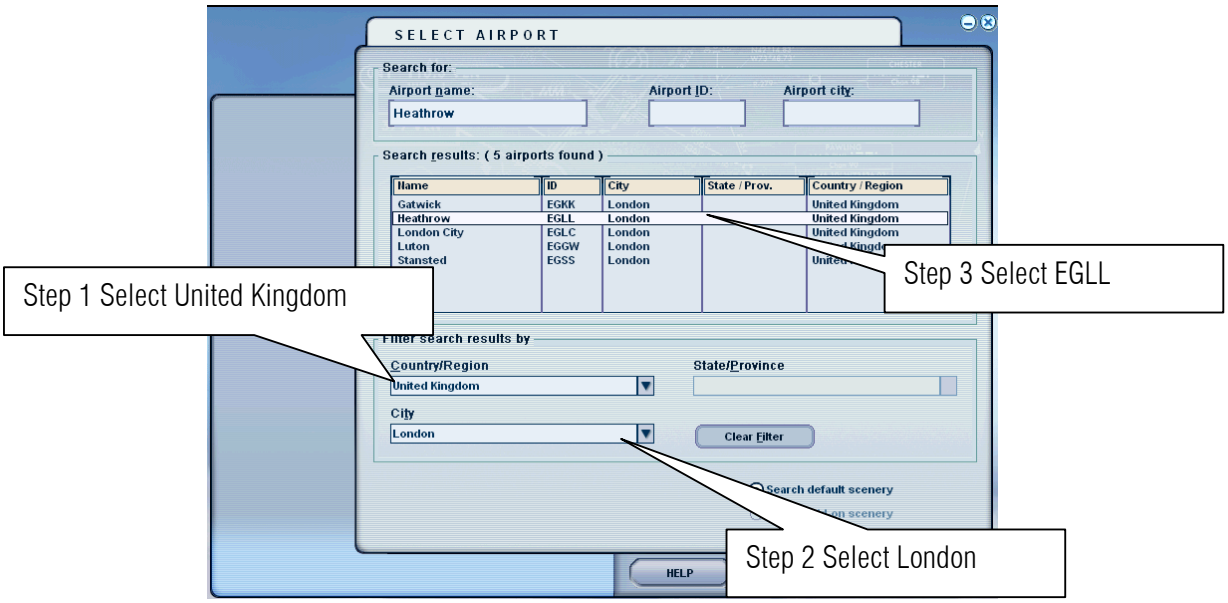


6. Select the departure Airport so I want to depart from Manchester international airport the Airport ID code is EGCC and the runway is 6L

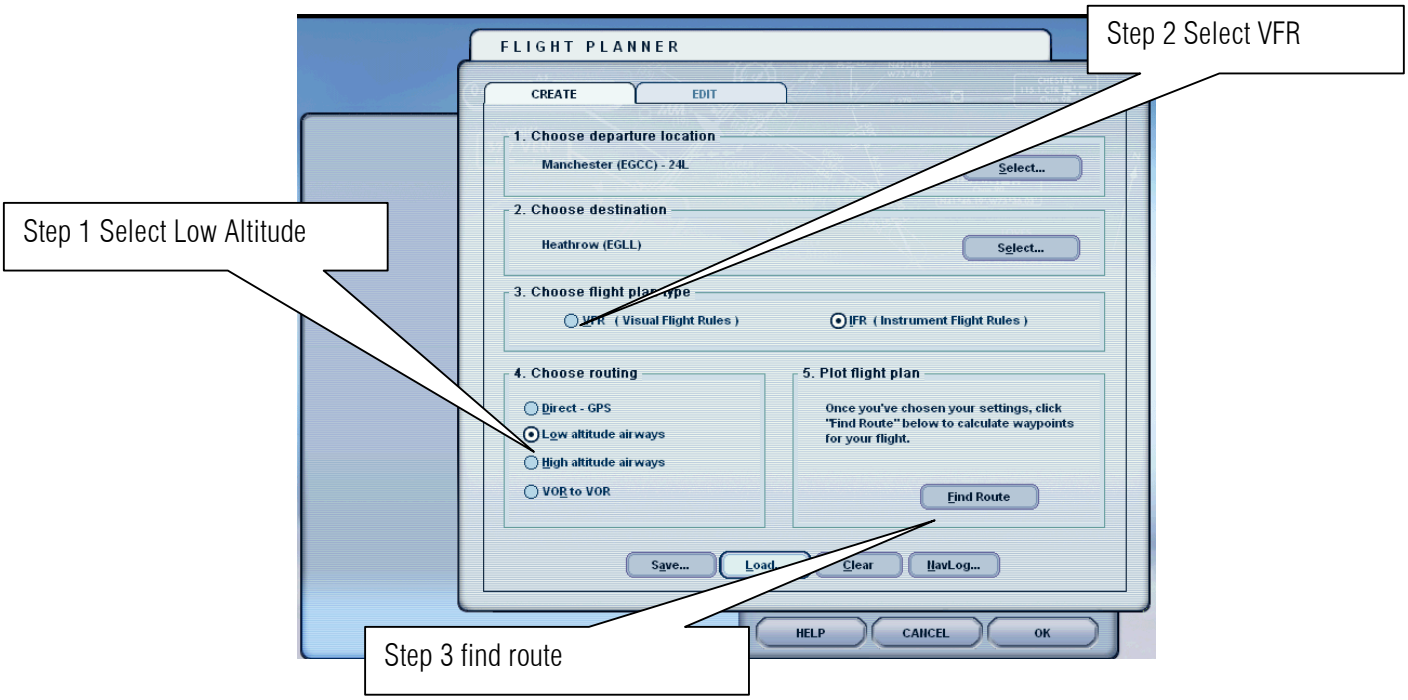


(I saw a lot of bad comment in youtube regarding starting on Runways, HEY! This is a Example remember? You can start To the any gate you want.)

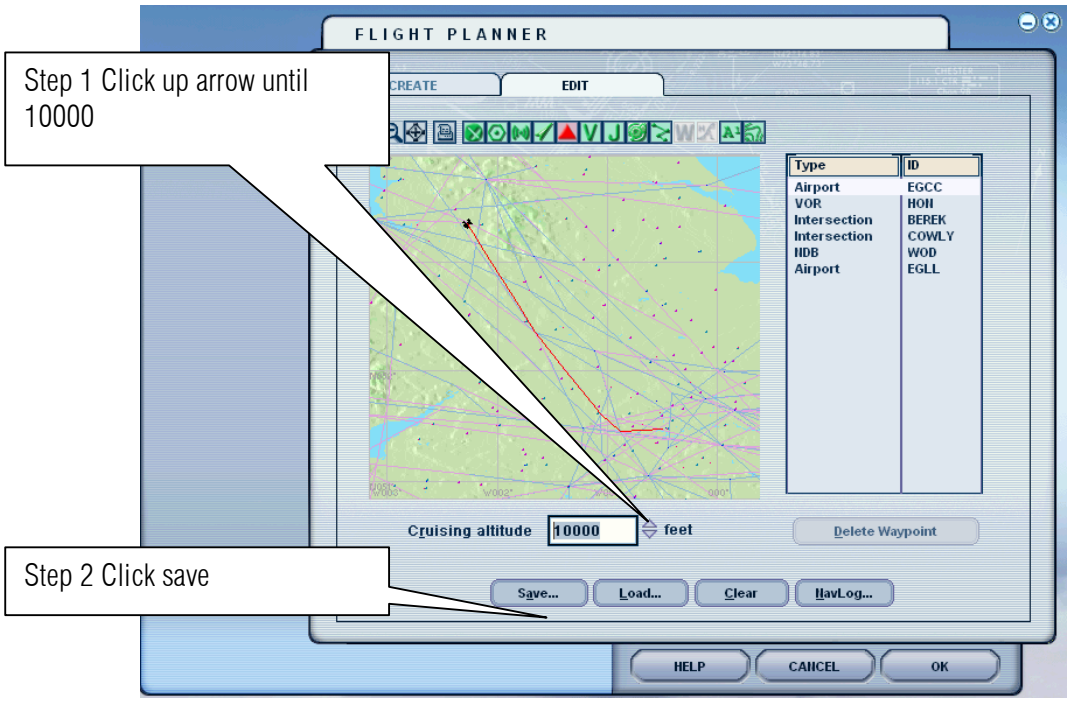
7. Select the Destination Airport.



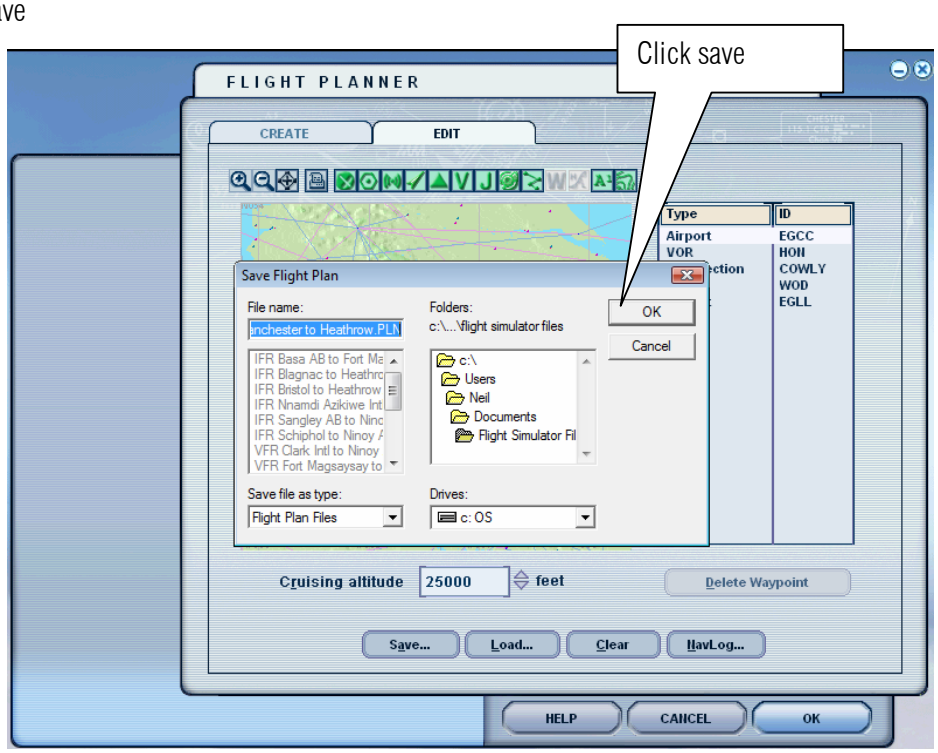
8. Since it not so far I want to select the low altitude because it's a 30 min Ride



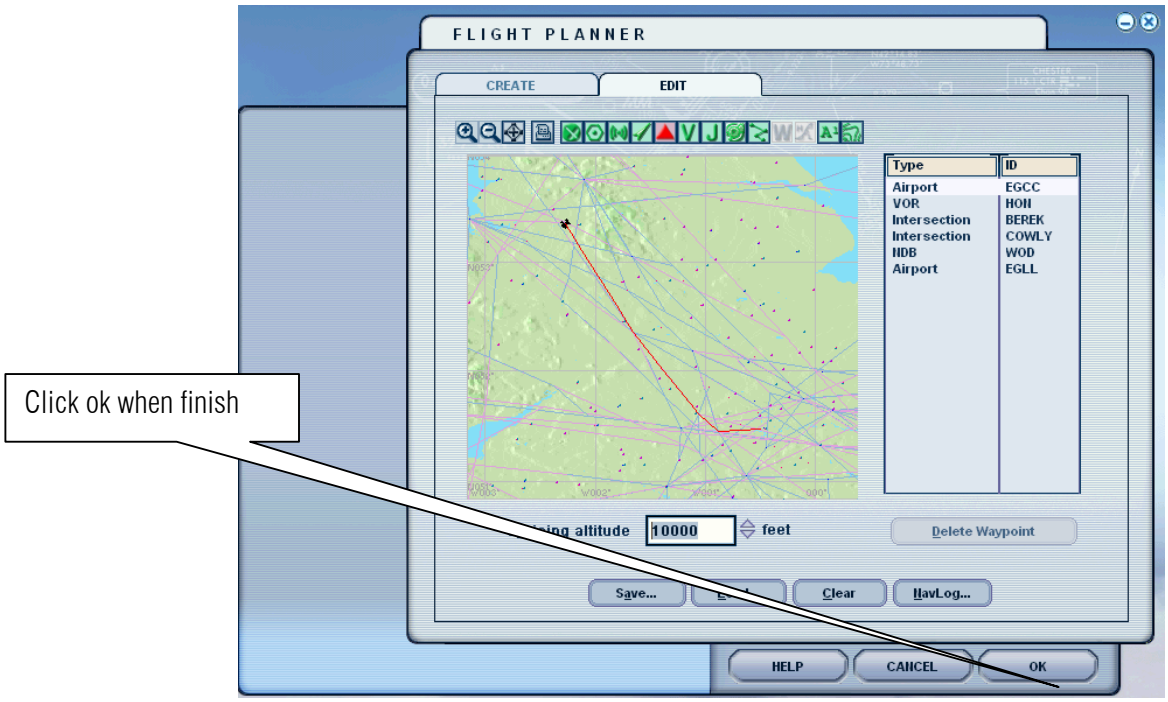
9. The flight planner will show your Waypoints let us save it for future games.



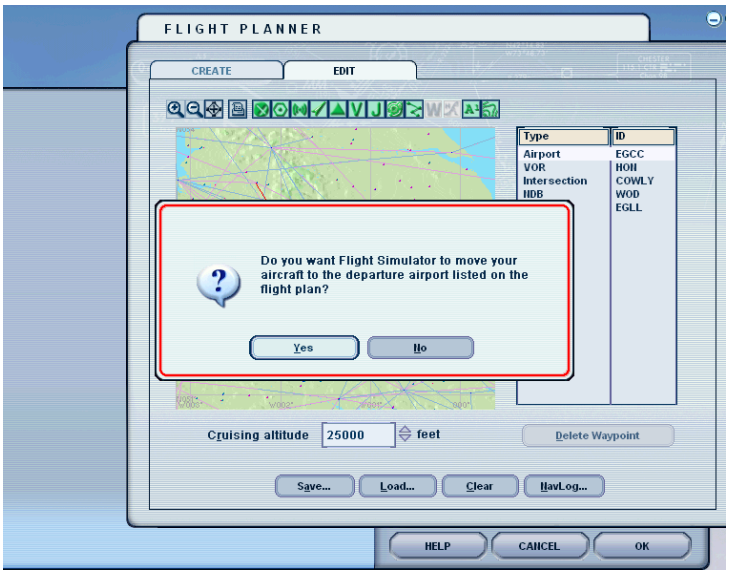
10. Click save



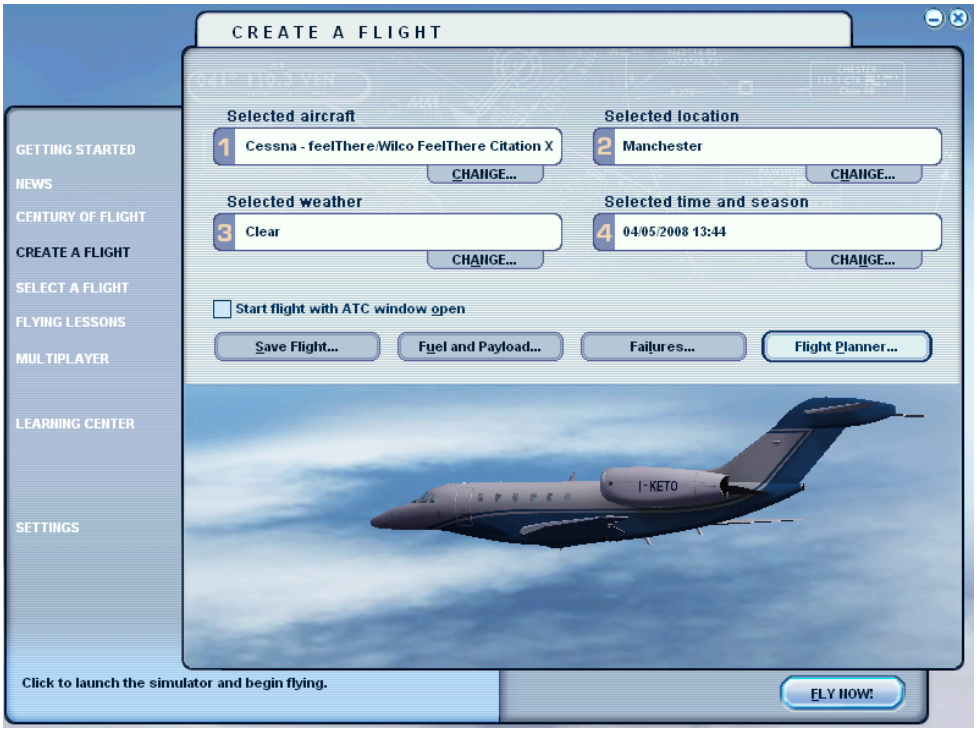
11. Select ok button.



12. Click the Yes button.



13. click fly now

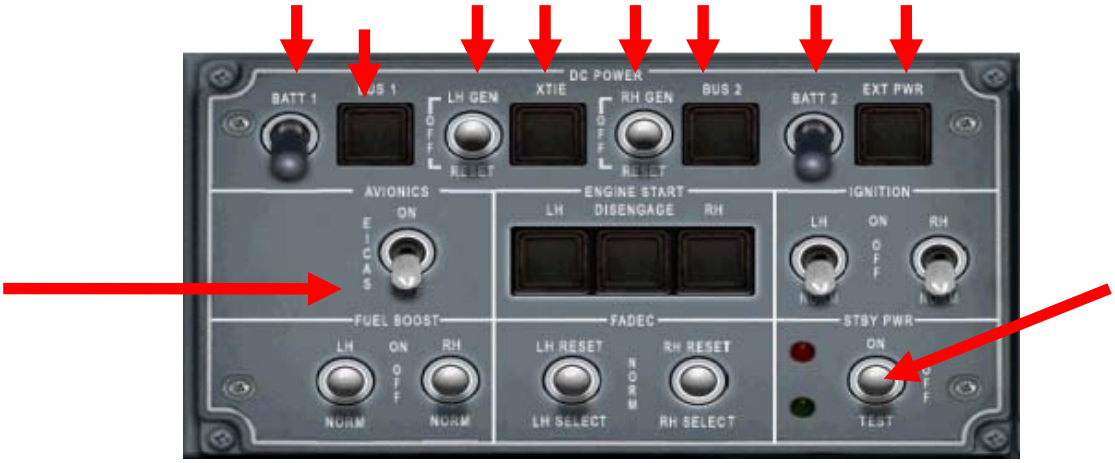


14. Here in this example we are starting on a runway 6 Left. It's forbidden in the real world.

15. Press **Shift + 2** on the keyboard to show the system panel.

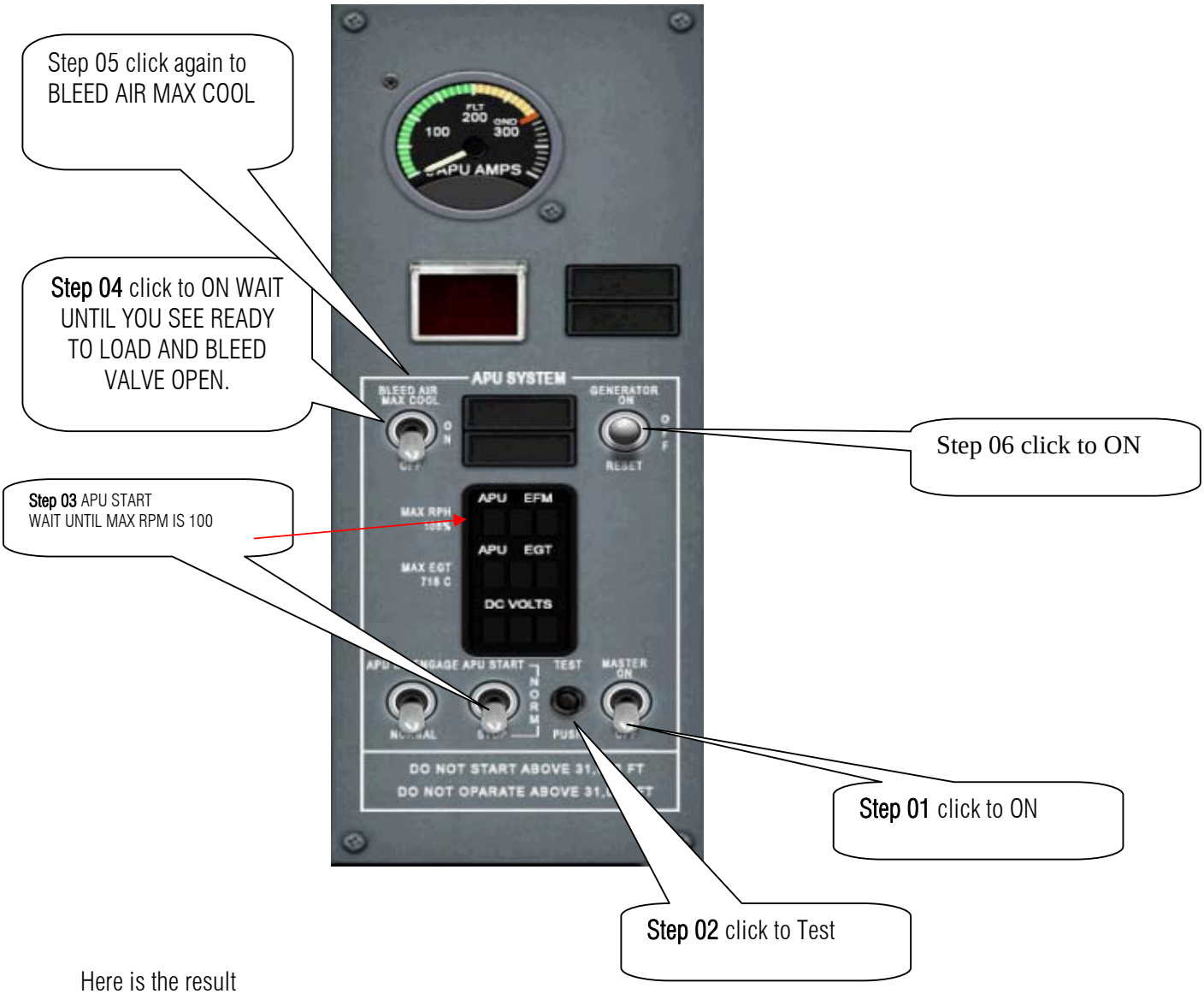
16. On the DC POWE SECTION panel turn on the following
    a. BATT1
    b. BUS 1
    c. LH GEN
    d. XTIE
    e. RH GEN
    f. BUS 2
    g. BATT 2
    h. EXT PWR
    i. AVIONICS
    j. STDY PWR

BEFORE



AFTER

17. Prepare to start APU



Here is the result

Best case is you have current flowing.

Worst case is you have NO current flowing. Proceed to Step 18

18. By this time the word avail is show on the DC power let us turn it off

Before

After

OR

19. HERE IS HOW TO START THE ENGINE

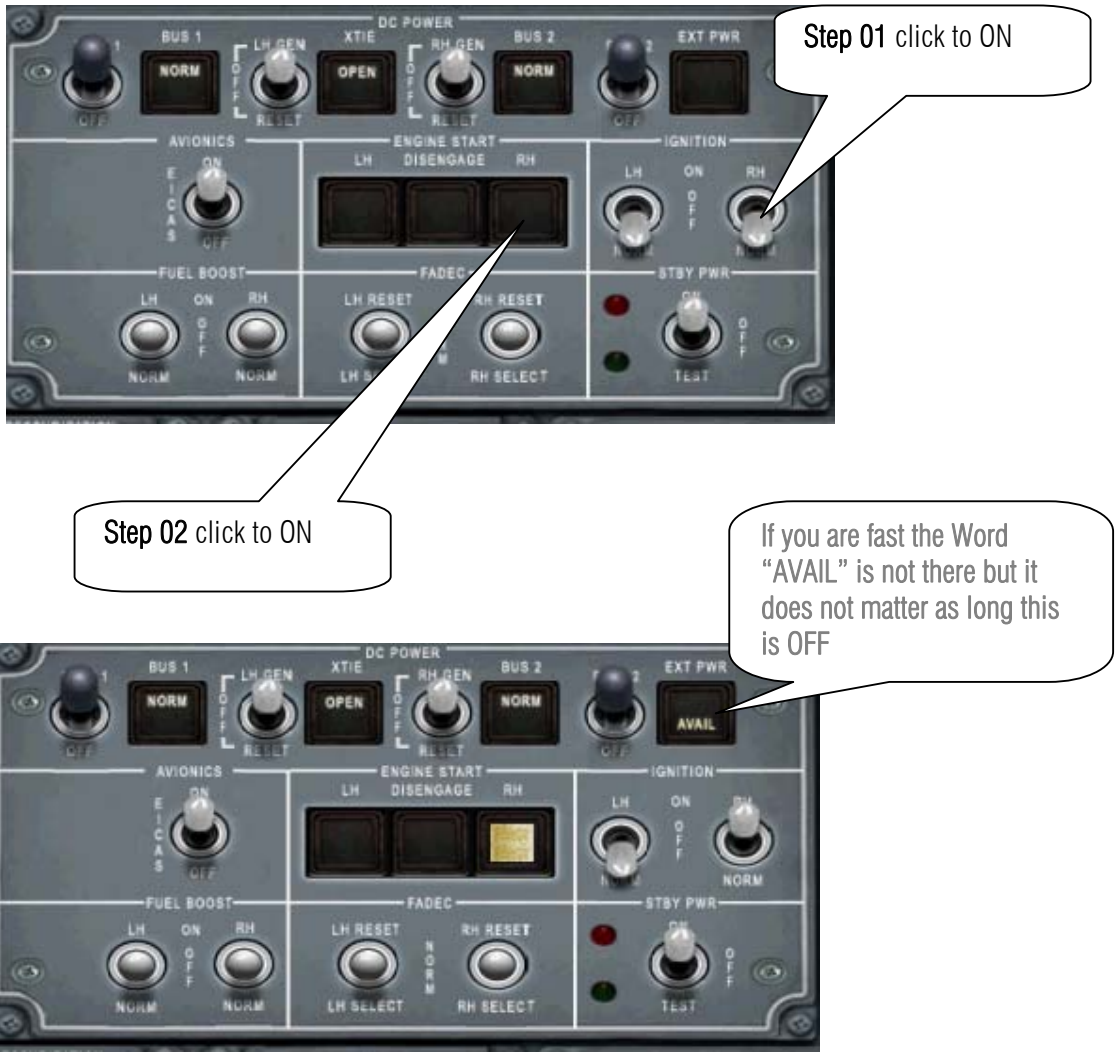
On the fuel section turn on the FUEL CUT OFF TO ON so the fuel will start flowing to engine Left and right. ARM the EMER LT

BEFORE

AFTER

20. Before starting the Engine make sure the brake is set. If not then set it by pressing Ctrl+ Period

21. Switch the IGNITION RH to ON then click RH button on the Engine Start.



You shall hear engine starting follow the progress on the right EICAS.

Before start

After start

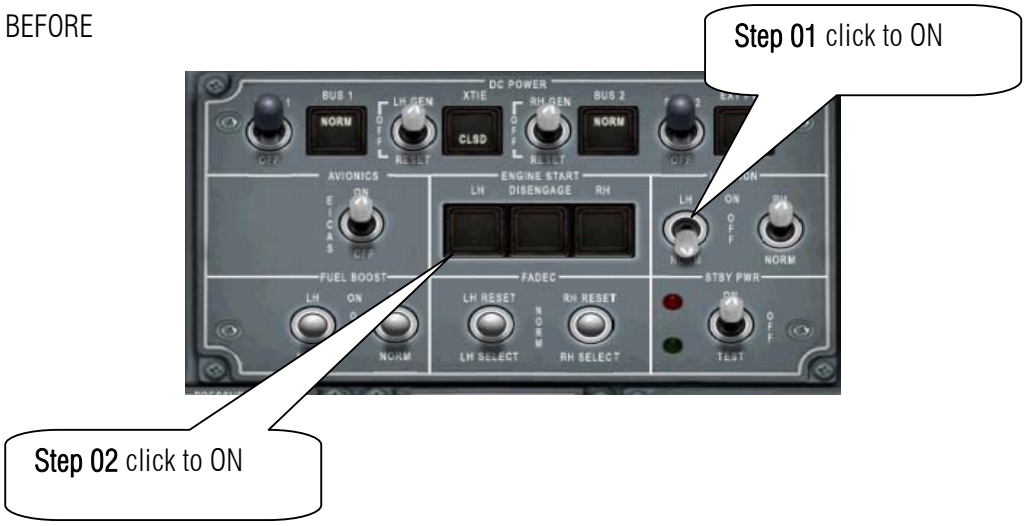
22. On DC POWER turn of the OFF the XTIE button to CLSD and turn on the CABIN PAC to ON. In addition turn the knob of R ENG BLD AIR to HP/LP

BEFORE

AFTER

23. Time to start Engine Left. Turn the on the IGNTION for LH

BEFORE



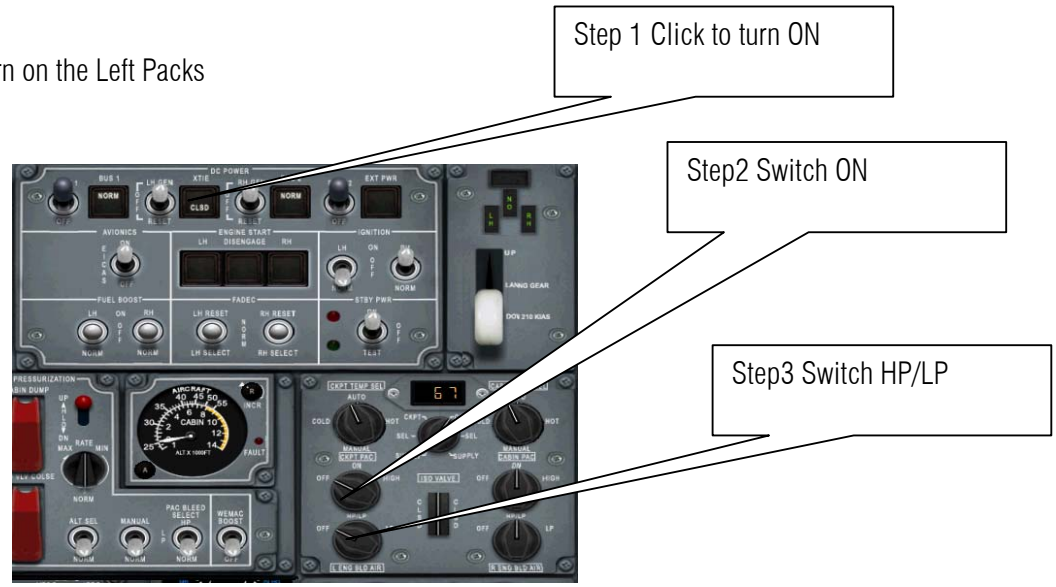
AFTER

You shall hear engine starting follow the progress on the right EICAS.

Before start

after start

24. Turn on the Left Packs

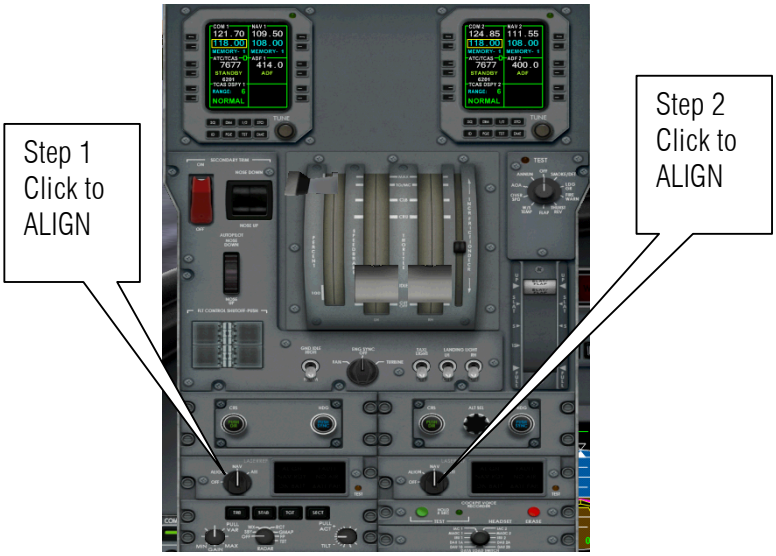


BEFORE

AFTER

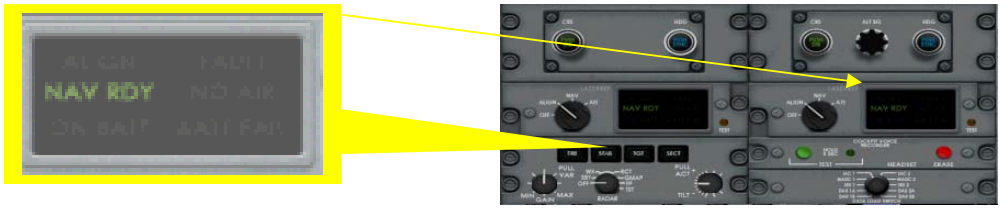
25. Let us align the aircraft. Press **Shift+2** to hide the overhead panel Press **Shift+4** to show pedestal.

26. Switch the knob to ALGIN

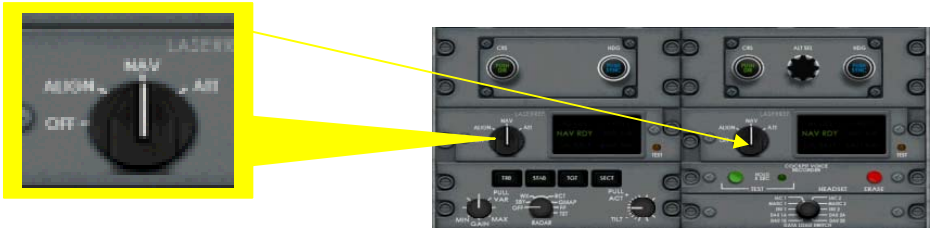


27. Wait for few minutes to align our navigation instrument.

28. Now its aligned

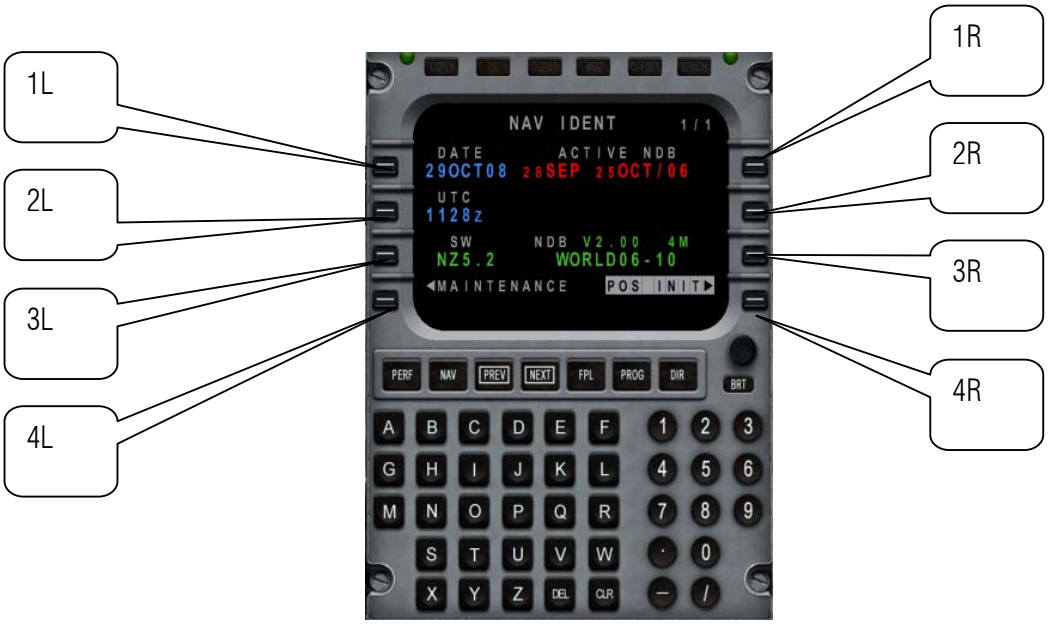


29. Switch back to NAV.



30. Press **Shift+4** to hide the control panel. Let us programme the CDU press **Shift + 3**

31. Let us check what is that button on the left and right side.

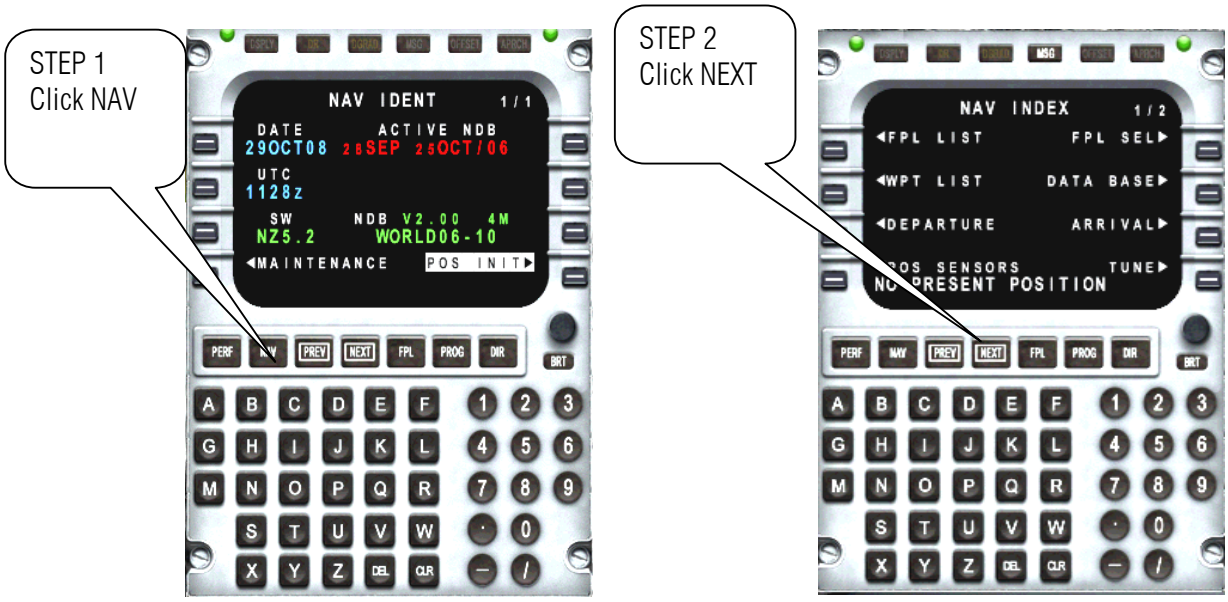


1L means 1st button to the left 3 R means 3rd button to the right and so on…

Let us enter the routes

OPTION 1 MANUAL ENTERING OF ROUTES

32. click NAV button



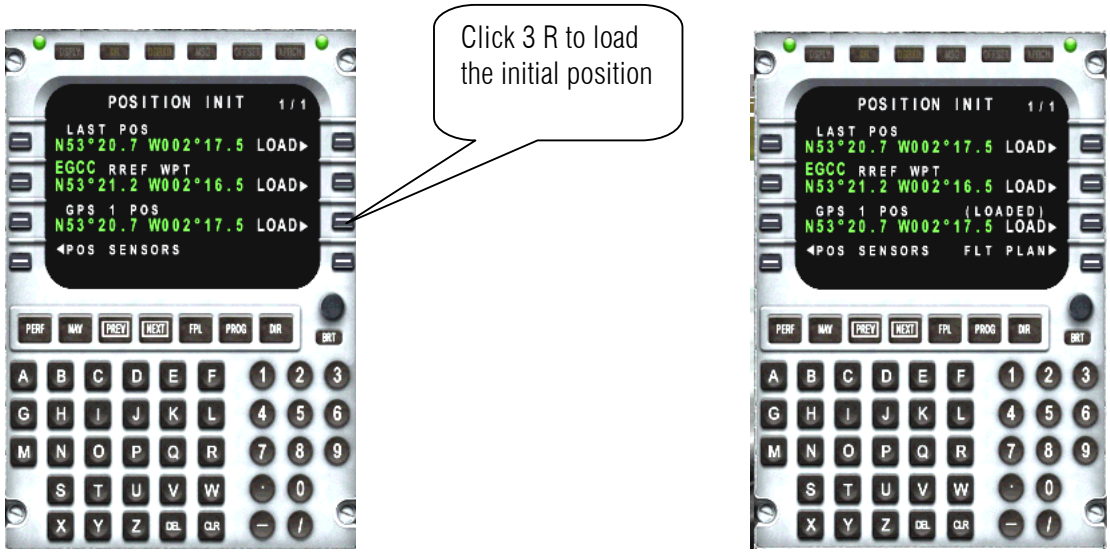
33. Let us enter our initial position which is Manchester also know in by all pilot as EGCC

34. Now where are we??? Which one is it??

35. Press Y key in the keyboard to show your present position.

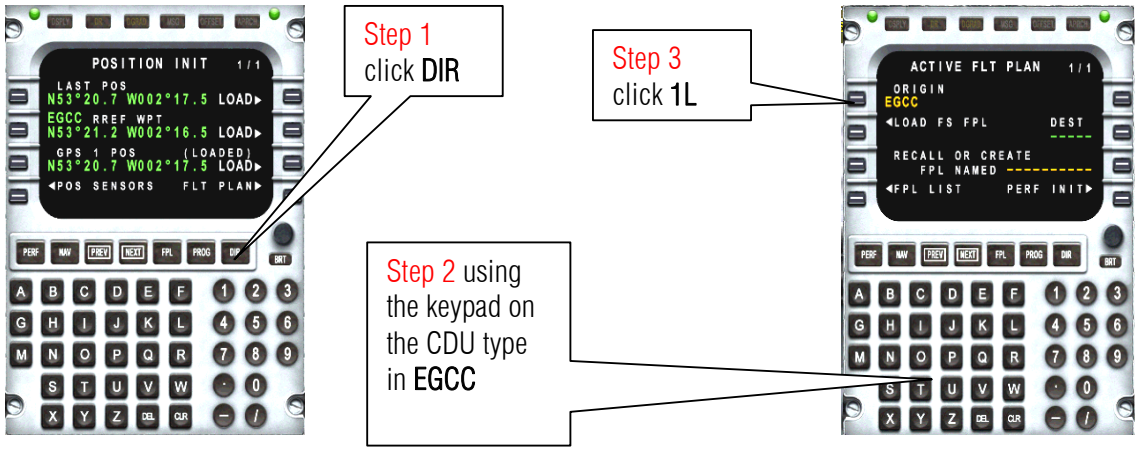
36. Press Y again to remove that number and resume to programming.

37. So GPS position will not lie in the real world let us choose **3 R**



38. Press CLR and click NAV again

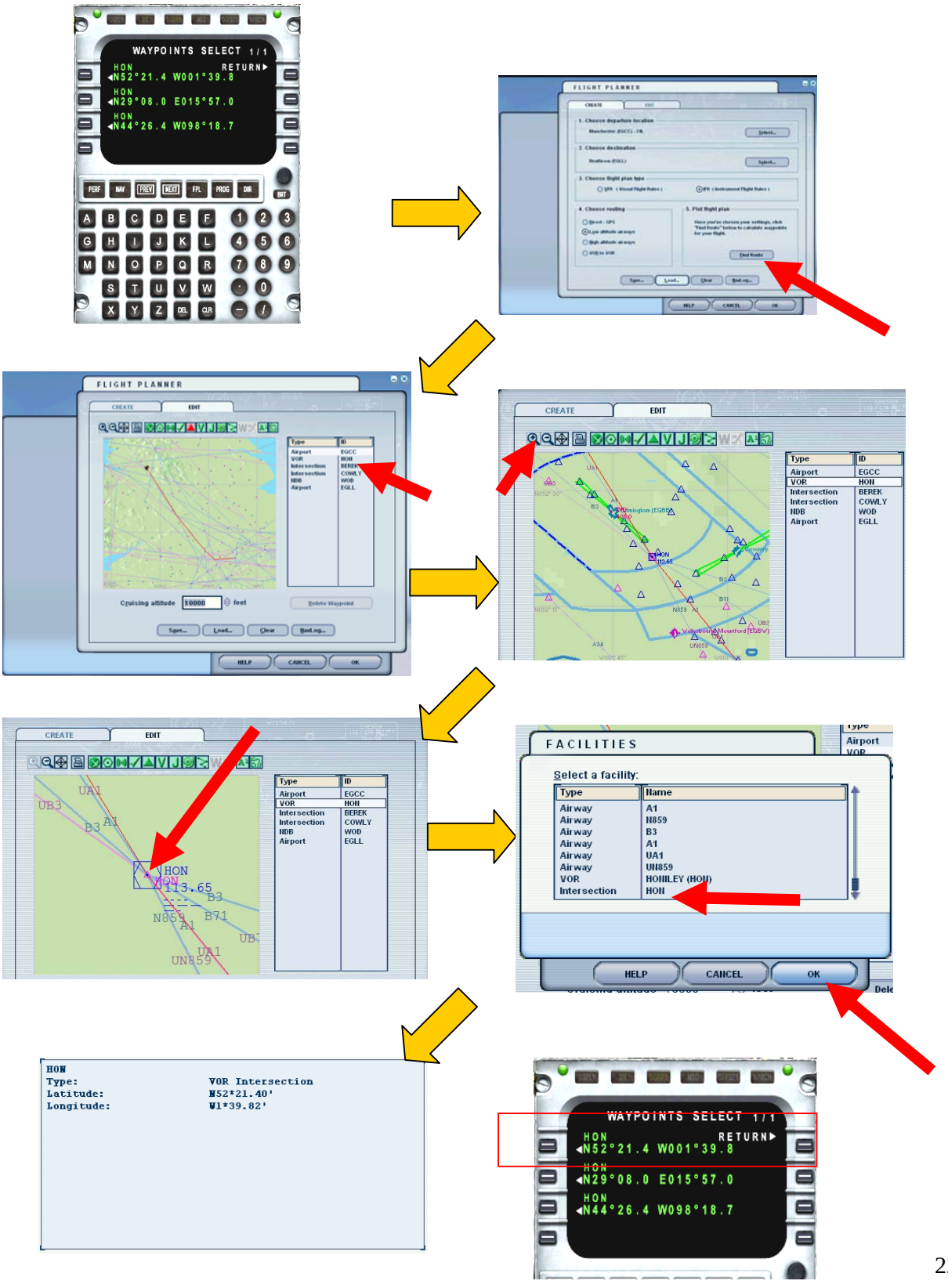
39. Let us enter the Origin EGCC (Manchester international)



40. Let us enter our destination EGLL (London Heathrow)

41. Please have a look on you flight plan in step No 9 on page 5. A list of waypoints is shown on the flight planner dialog box. First on the list is HON.

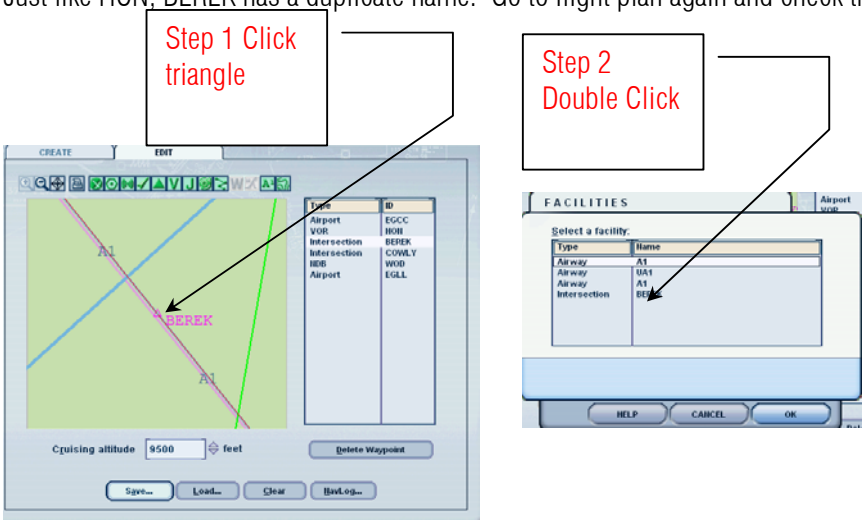
42. Oh uh! What is this? This means there is duplication. Go to Flight plan. Press ALT on the keyboard then Flight then flight plan. Click Find Route then on the list box click HON. Zoom in to HON by clicking the icon. Then click the icon of HON. So the choice is 1L. DO NOT CLICK LOAD! PRESS CANCEL ON THE FACILITY INFORMATION DIALOG AND CANCEL ON FLIGHT PLANNER DIALOG AND RETURN TO FLIGHT SIM.



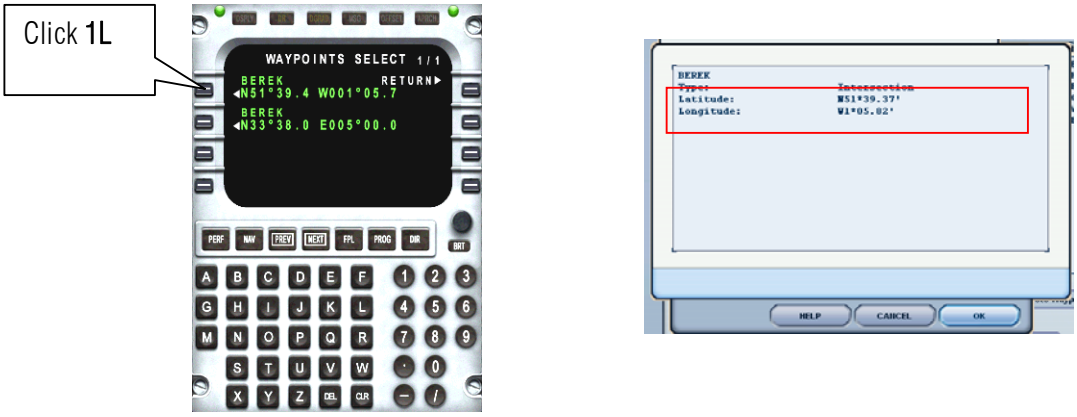
43. So the obvious choice is 1L

44. Now according to the flight plan after HON is BEREK so enter BEREK now.

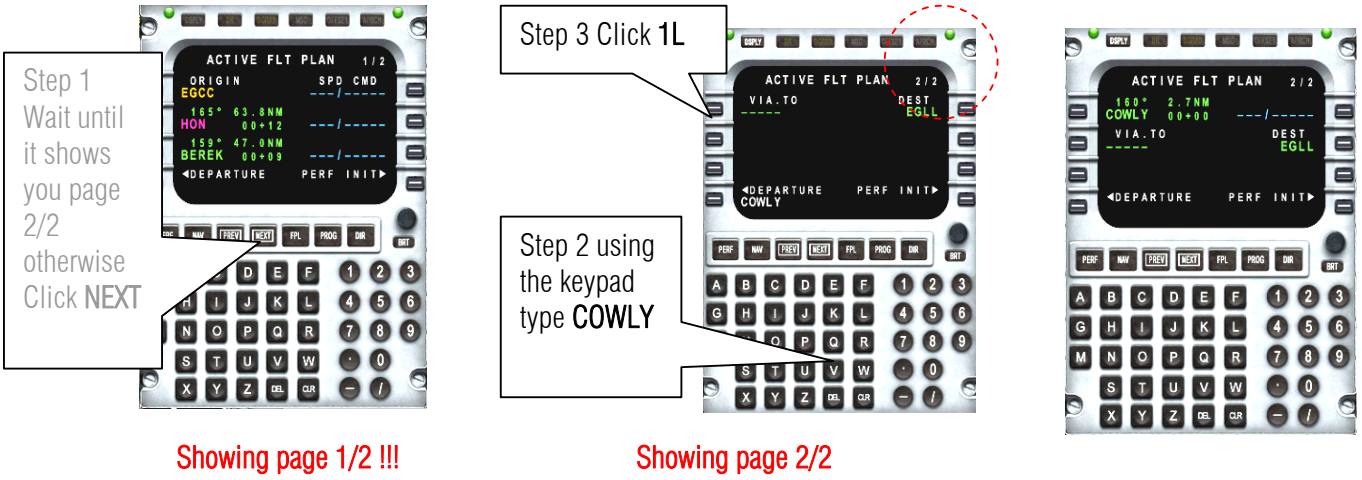
45. Just like HON, BEREK has a duplicate name. Go to flight plan again and check the coordinates of BEREK



46. So the choice is 1L



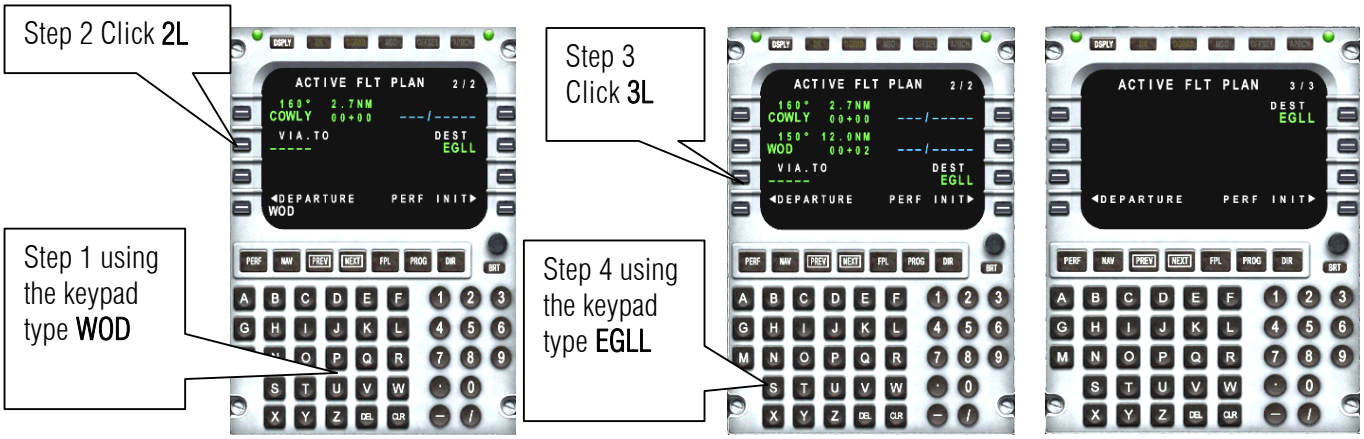
47. Click the next page to add more waypoint. Then type COWLY and click 1L



Showing page 1/2 !!!

Showing page 2/2

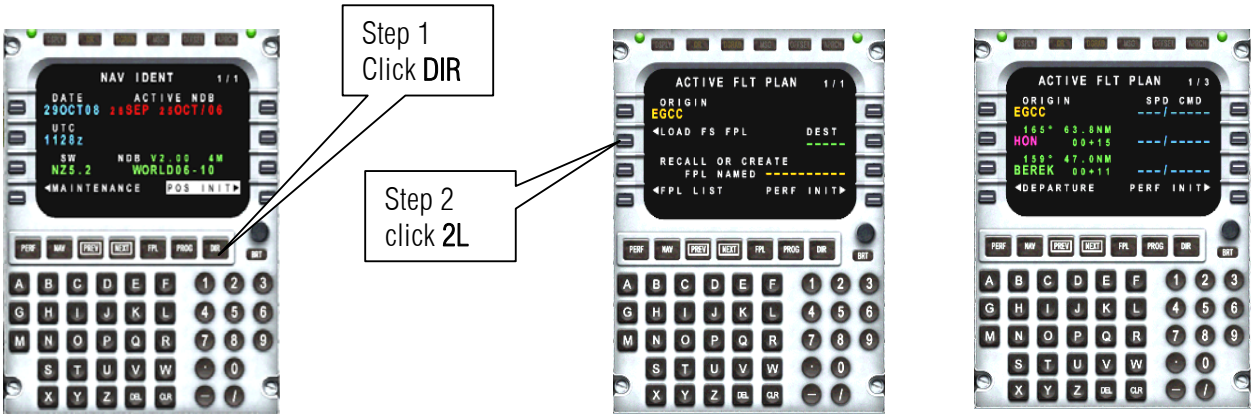
48. Let us enter the last waypoint **WOD**. Finally EGLL



DONE!!!

OPTION 2 AUTOMATIC ENTERING OF ROUTES

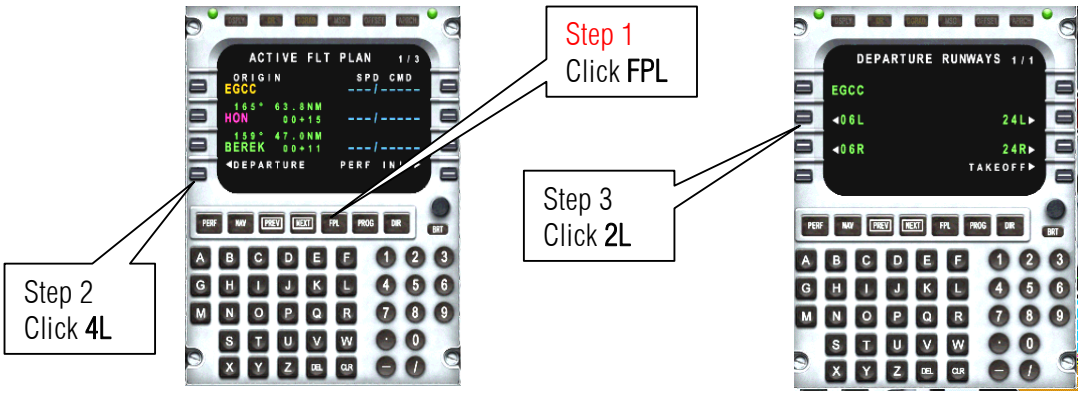
49. Here is the fast way of entering the routes.



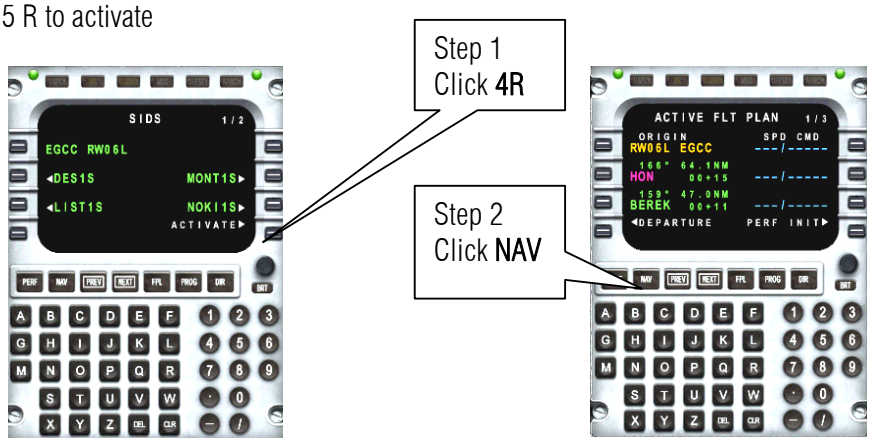
DONE!!!

50. So it's your choice Option 1 or Option 2. So let us continue..

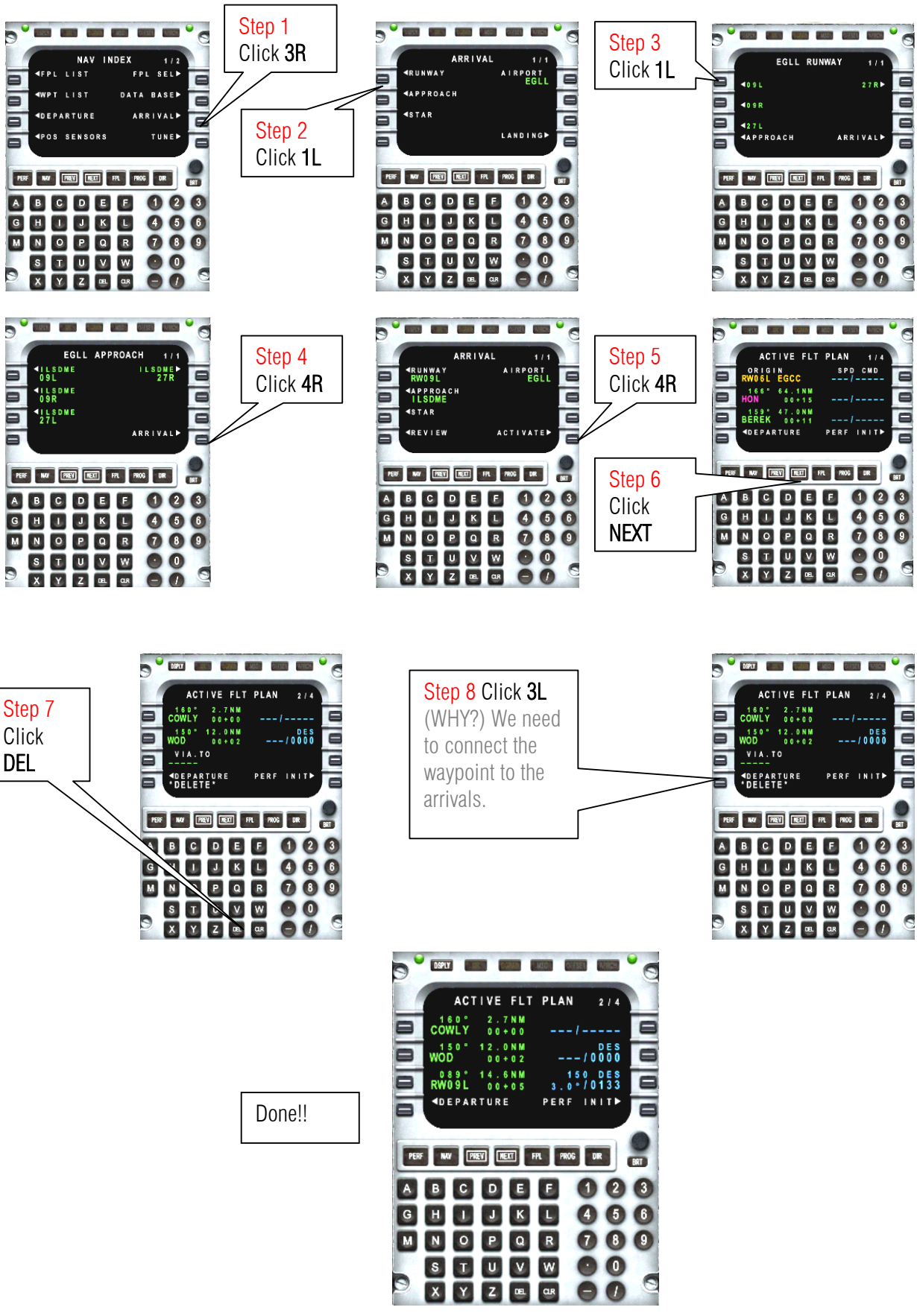
51. (I used the Manual entering) . Let us enter our Departure which is runway 6 Left.



52. Click 5 R to activate

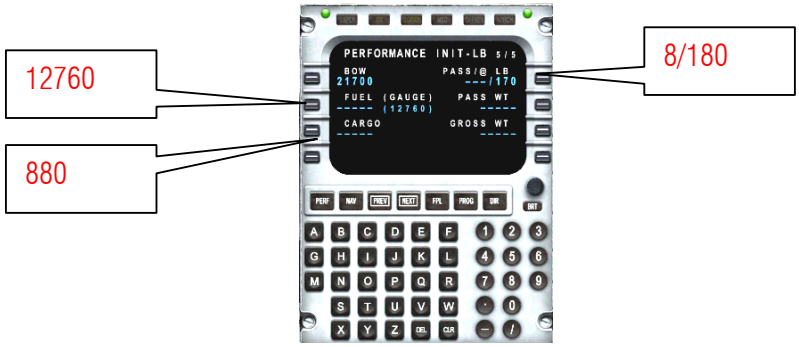


53. Let us put in Arrival. Let me choose Runway 9L as our arrival.

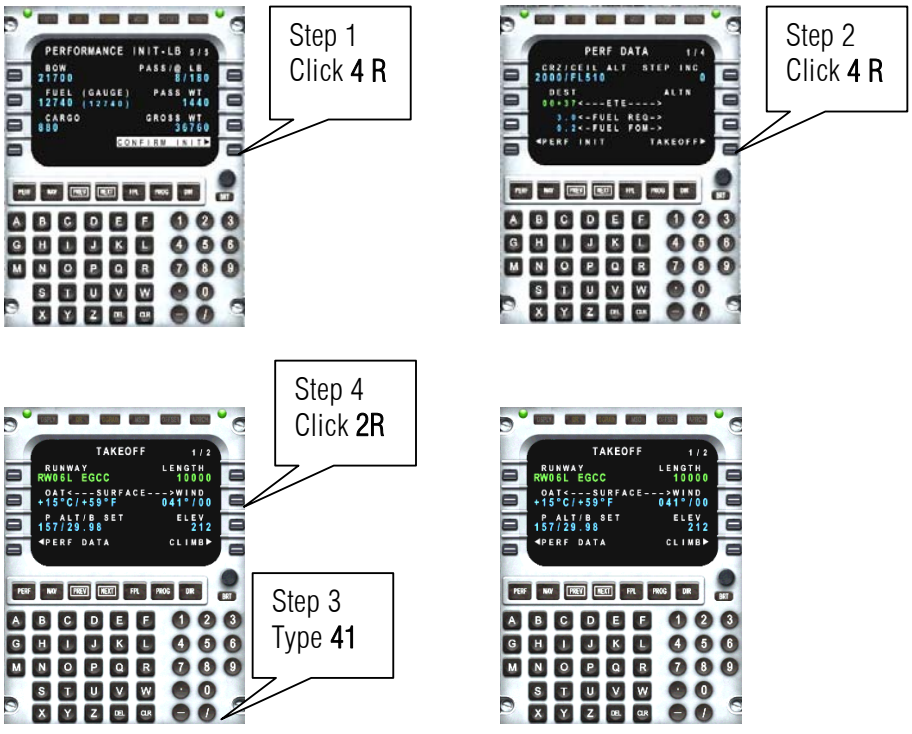


54. Let us go for the performance.

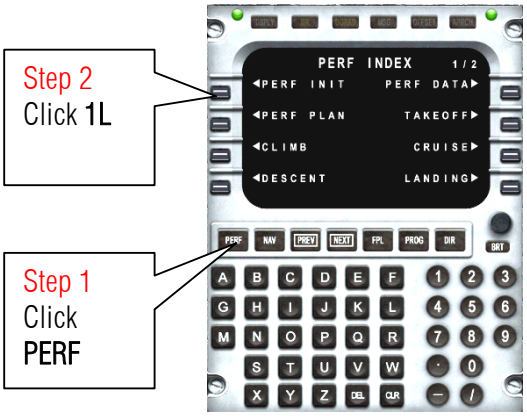
55. Let us fill up the blanks. Using the Numeric key pad of the CDU

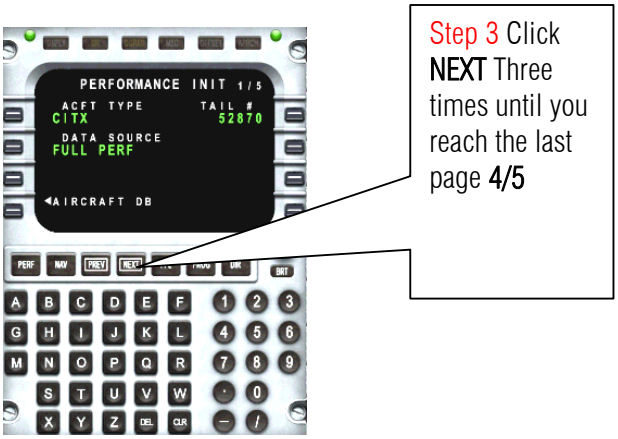


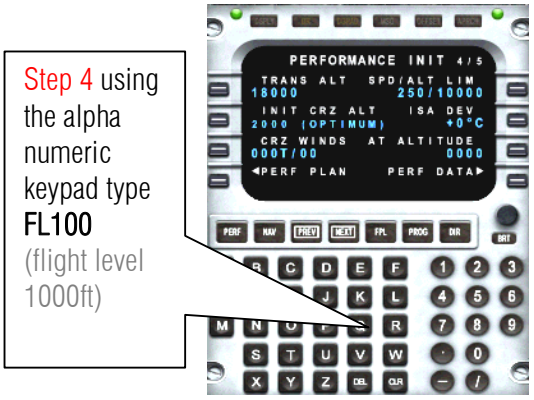
56. Let us confirm.

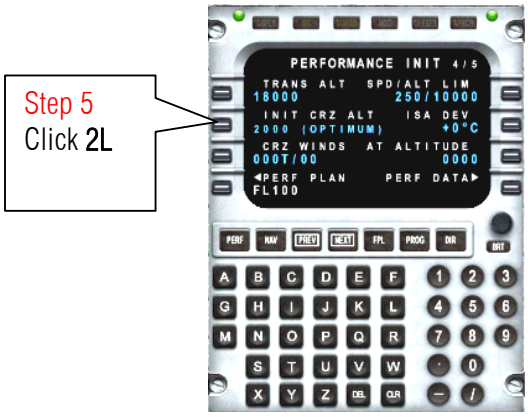


57. Let us enter the cruising altitude.









58. Now hide again the CDU by pressing Shift +3 and let us set up the FMS knob.

59. Click the bearing knob to select FMS1 and FMS2

Before

After

60. click the FMS so that our aircraft will navigate using the waypoints entered in the CDU

61. Let us set up the V Speed on the Navigation Display or ND. Shown below it is 5 buttons.

Step 1 Click the **VSPEED**

Step 2 Click the T/O SPEEDS

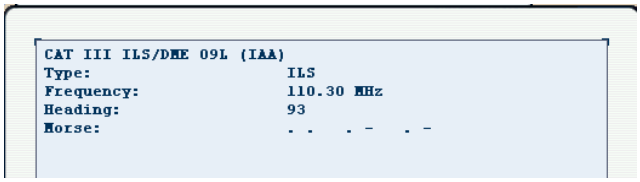
Step 3 Click the **V1**

Step 4 Click the **knob** increase or decrease the number on V1 set it to 120

Step 6 Click the **button** to activate

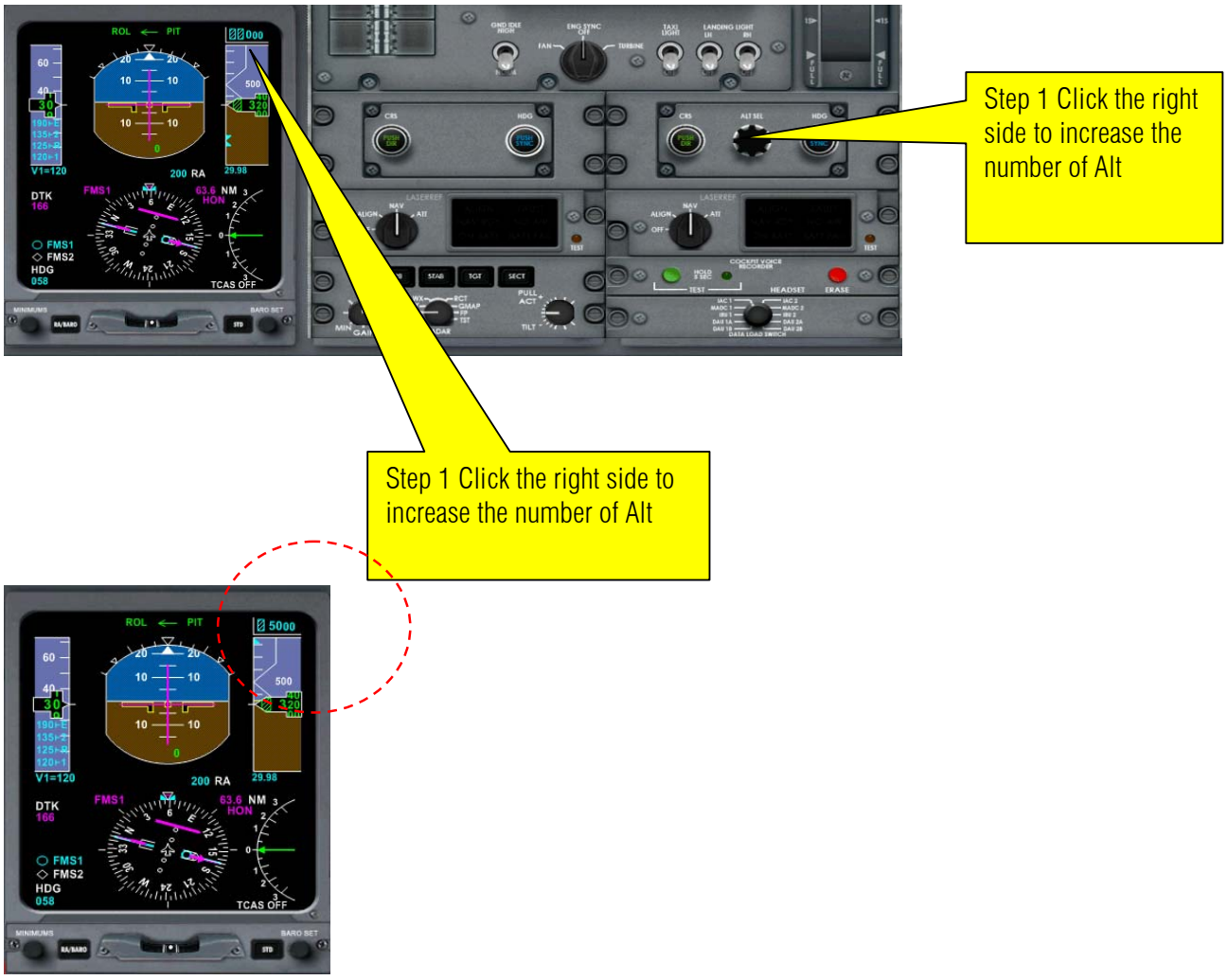
62. Let us do the same procedure for V2 and V3 as shown in the figure below.

63. Let us set up the CRS and HDG. CRS is for Landing we are landing on EGLL runway 9L. If you look on the flight planner again and click EGLL zoom in and click the runway you shall see the Course of runway 9L



64. Press Shift+4 to show the pedestal again. The click the HDG button and watch the ND as it adjust

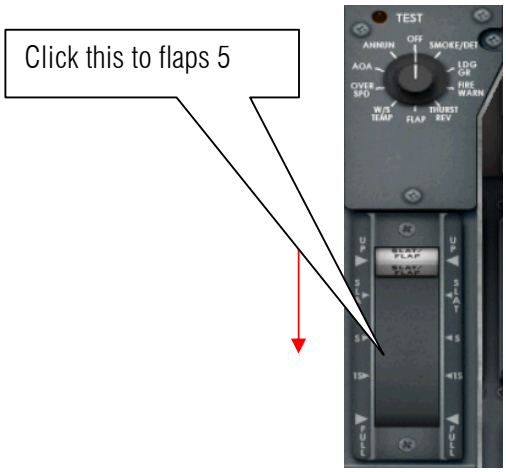
65. Then set up the initial altitude say 5000 Ft.



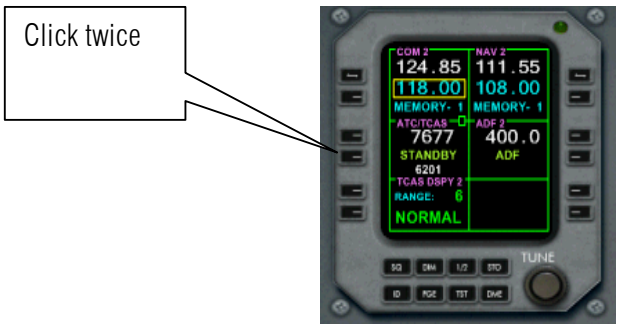
66. Let us radio tower to give a go ahead to take off

RADIO
KLM 6201 heavy, cleared for takeoff runway 6L, straight-out departure approved.
KLM 6201 heavy, taxi to and hold short of runway 6L using taxiway runway 6L. Contact tower on 118.625 when ready.

67. Set the flaps to 5

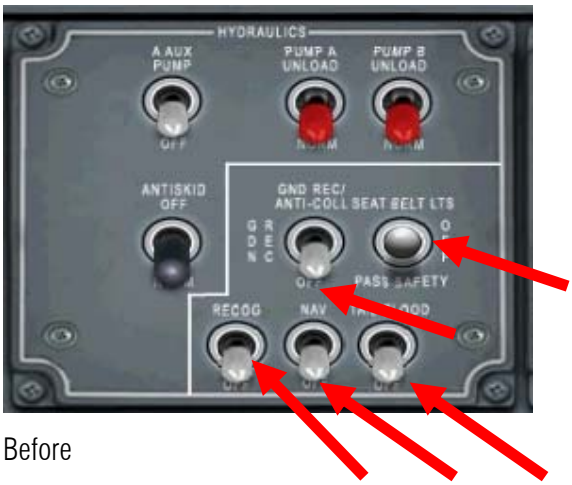


68. Set the TCAS.



69. turn on the taxi light

70. Press Shift + 4 to hide the pedestal. Then press Shift+2 to show the system panel. Let us turn on some lights.



Before

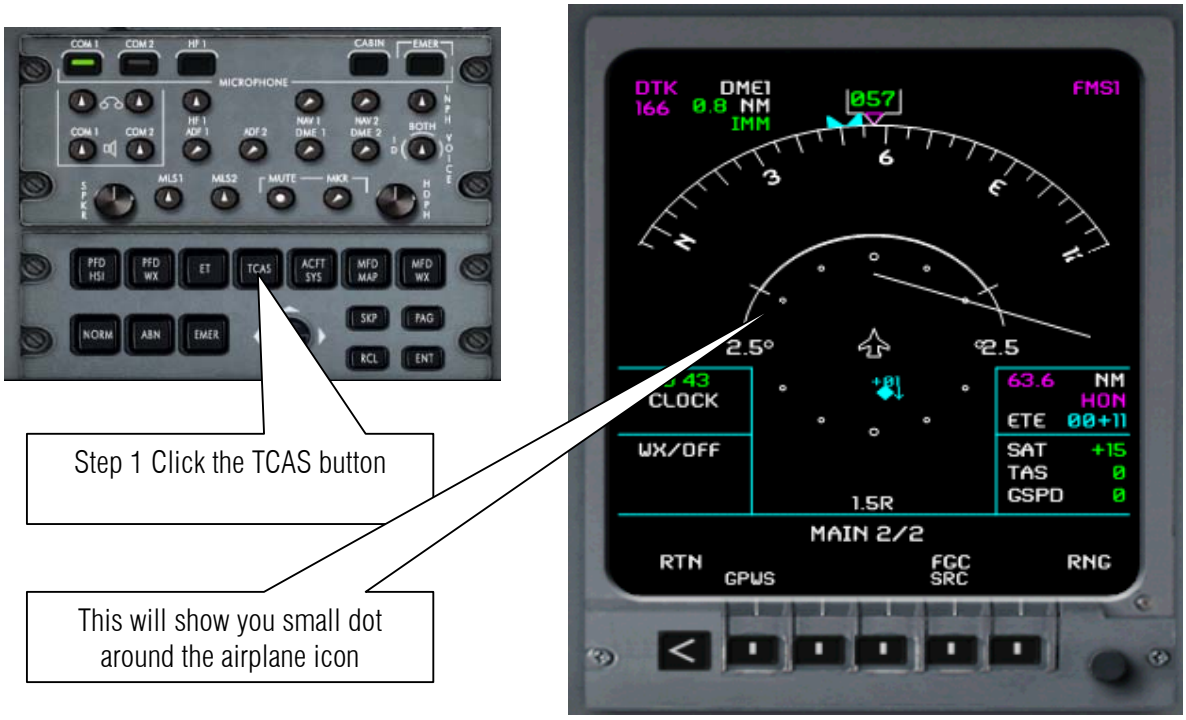
After.

71. Turn on the CTR WING XFER

72. Let us configure the STAB to 6.0

To do this press **End** key to increase the number or **Home** to decrease the Number

73. Let us turn on the TCAS

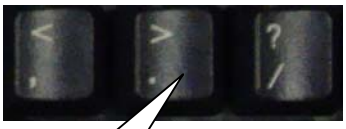


74. Let us turn on the Navigation buttons and other stuff.

75. Now we let us call the tower and request for take off.

RADIO
KLM 6201 heavy, cleared for takeoff runway 6L, straight-out departure approved. KLM 6201 heavy, taxi to and hold short of runway 6L via taxiway runway 6L. Contact tower on 118.625 when ready.

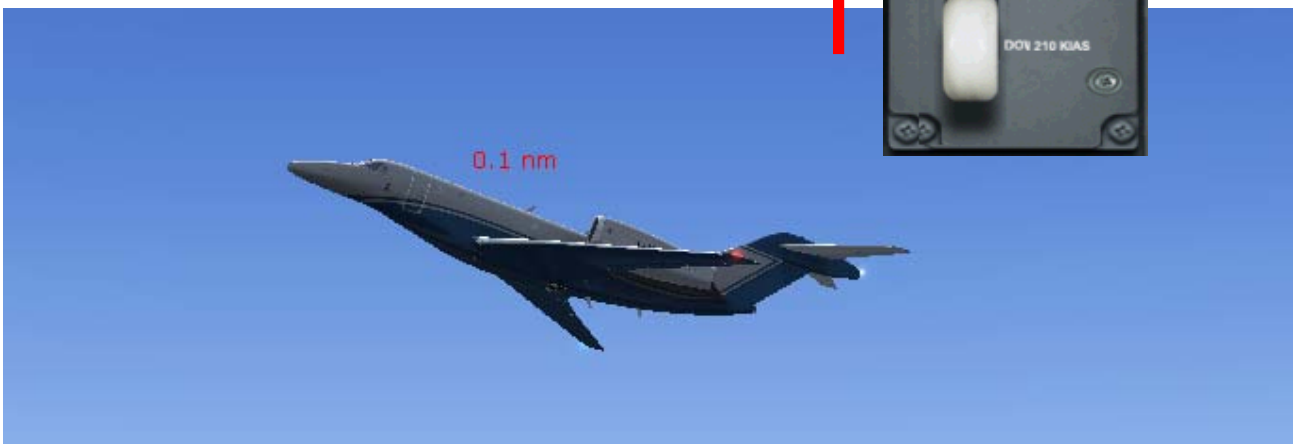
76. Release the parking brake by pressing the period key and hit F4 key for full throttles.



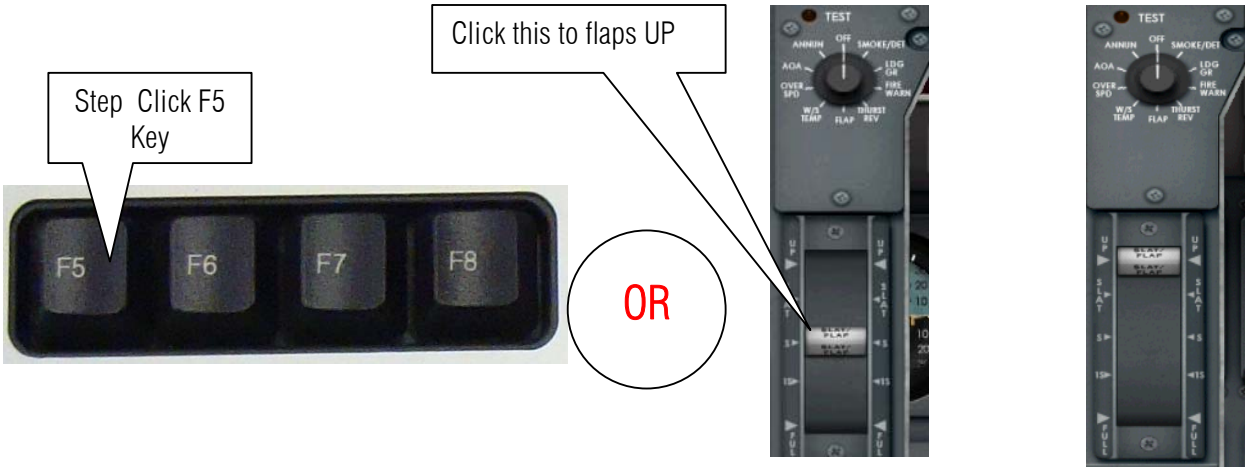
77. After reaching VR speed pull up the joystick nose up 15 Degress.

78. After reaching 1000 feet pull up the gear by pressing G. You can also found the landing gear lever from pressing Shift+2 and click it up.

OR



79. Retract the flaps. Press **F5** or show the pedestal panel by **shift+ F4**.



80. Press all the Auto pilot button.

81. The FMS take effect as our citation turns to the first way point **HON.**

82. Encountering High speed!!! Slow down by pulling the throttle back to almost idle and let the red tape go.

83. Now as it goes down it may go below 250 knots so we increase the throttle back to the middle or optimum

84. Now let us change our Altitude as per our CDU up to 10000 feet press Shift F4 and adjust altitude knob.

85. Now as we have reached the altitude marker we must be on a cruising speed (this is the hardest part)

Here is how I do it.

Step 1 as we reach 10,000 ft press ALT to hold altitude.

Step 2 by adjusting your throttles in you joystick slowly up or down.

Step 3 as you adjusting your throttles in you joystick slowly up or down watch if this is stabilizing.

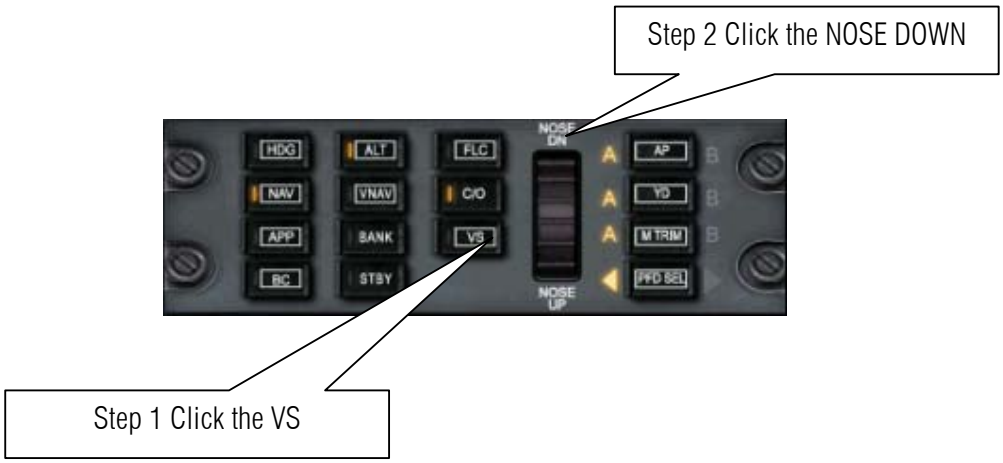
Step 4 once the speed is stable stop adjusting the throttles and click the CO to ON to OFF to ON again until you see the maintaining speed and the current speed is almost equal. (the airspeed in the unit measurement MACH it can also show you KNOTS)

86. Now get a cup of tea call the flight attendant her name is Candy.

87. According to our CDU on to our waypoint BEREK we should be descending to around 9600 ft. Then passing to COWLY but we must be down to 2500 Ft by COWLY Due to its so close to the airport.

88. Press Shift +4 to show the pedestal.

89. Immediately hide the pedestal by pressing shift+4 then click VS also known as vertical speed .



If we encounter the over Speed warning we should put the throttle to idle.

90. As show below the vertical speed is -1600 as we approaching WOD we must be on level 2500 ft.

91. Our speed is falling down to less than 200 Knots let us maintain between 180 and 185 knots by pushing UP an DOWN the throttles to balance it.

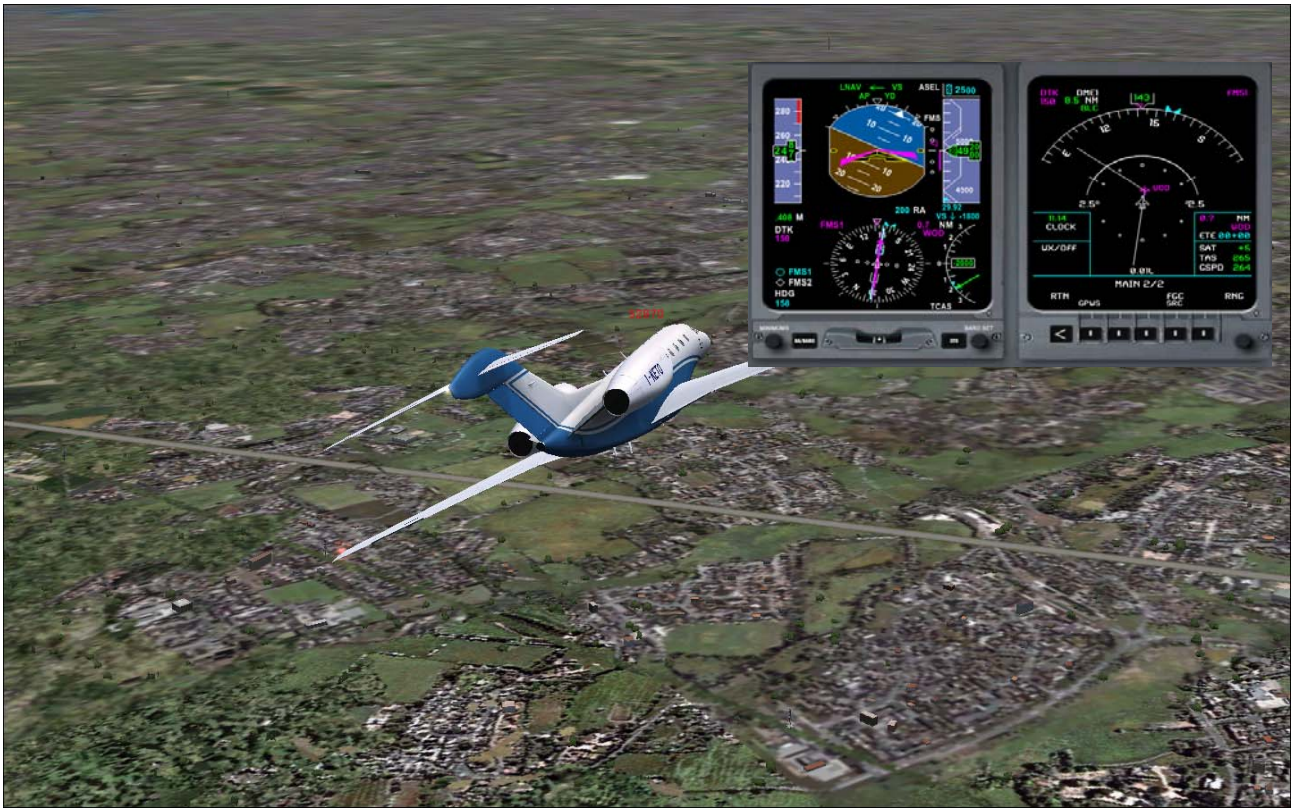
92. Let us contact Heathrow tower and get clearance for arrival at runway 9 Left.

RADIO

KLM 6201 heavy, cleared to land runway 9L.

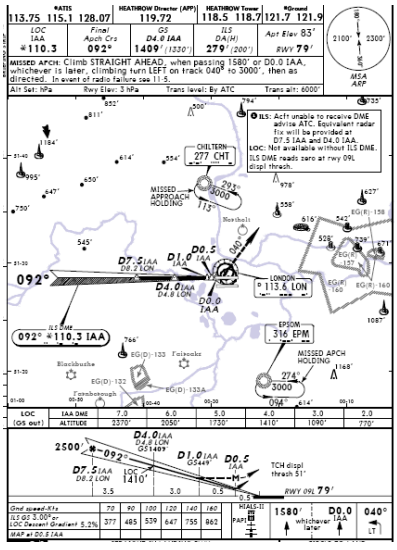
KLM 6201 heavy, Heathrow Tower. Make straight in, runway 9L. Altimeter 2992.

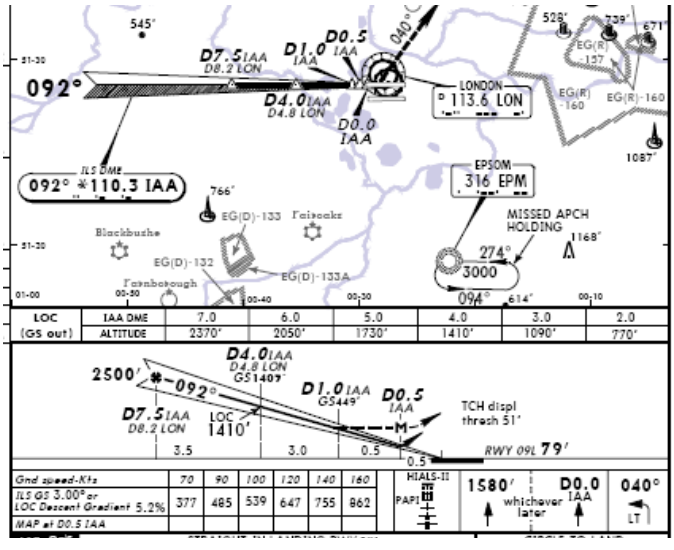
93. Citation X slowly turn to final approach as it descent to 2500 ft. Press Shift +4 to hide pedestal.



(Non precision approach)

94. Well unlike 747, 737 and Airbus, Citation X has no Autoland instead you can perform a similar autoland by as we center the runway 9L. Let us check our approach plate. It show us that we start gliding down to earth 7.5 NM away from the runway threshold.





95. Press G on the keyboard to deploy the landing Gear.

96. We are definitely near Heathrow. Let us maintain our speed to between 145 to 155 knots

97. Watch closely the distance from the runway 09L by looking at Navigation display. Remember we are looking for 7.50 NM. To make sure that we will be in the runway, let us watch it on 7.30 NM.

98. Now it's down to 7.3 NM let us hit the VNAV.

99. Watching our speed that it will not exceed 155 and below 145 knots. While looking for the 500 ft altitude relative to the ground. Looking forward at the runway.

100. We should Disengage Autopilot by 500 ft above the runway so we can align to the runway manually.

The altitude relative to the ground .

101. Looking outside view you can see that we are **not aligned,** so we should do it ourselves.

102. Deploying the flaps to SLATS by pressing F7

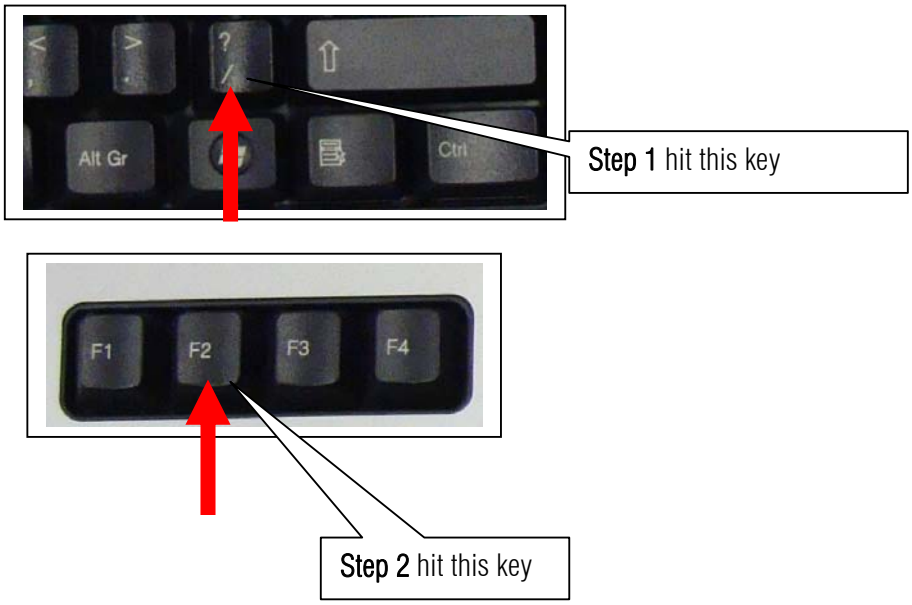
103. Disengage the autopilot by pressing **Z** on the keyboard

104. Now you are in control. Please align to the runway. Use you a little rudder so that you will not bank too much.

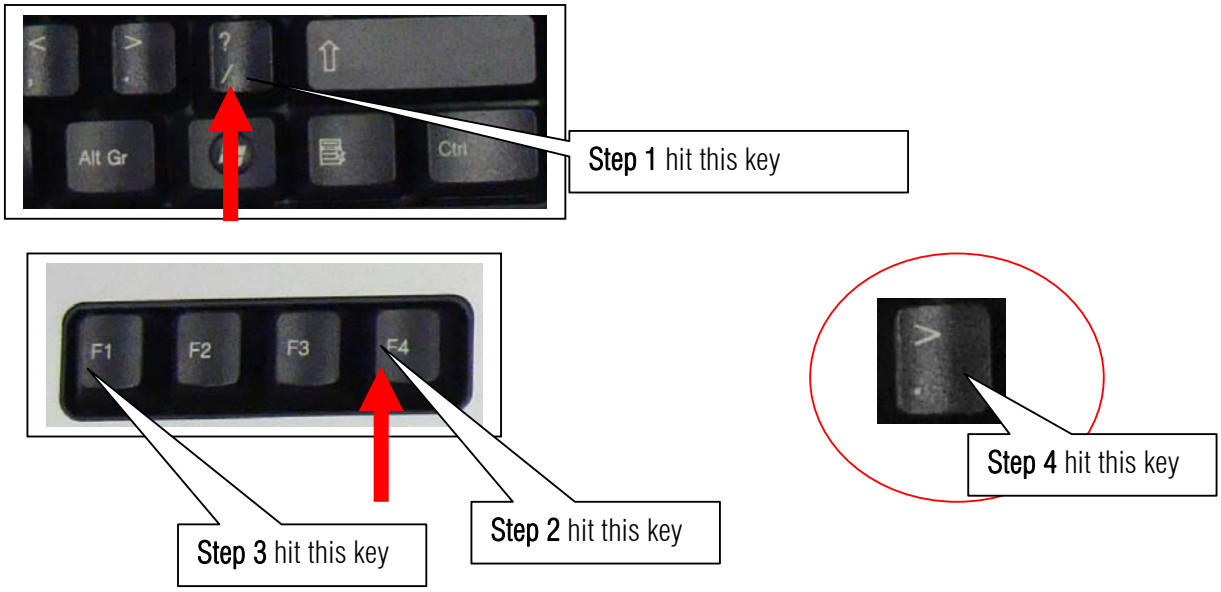
105. Check your speed you don't want to stall when you are about to land. It must be between 140 to 150 knots.

106. Nose up a little bit.

107. Touch down!!! Deploy the speed brakes and reverse thrusters!!!



108. As you stop press



Call ATC and get your assign taxiway to Gate. I am going to see my daughter Beatrice in London and enjoy the rest of the day. Thank you for a nice landing.

I am not a Citation X pilot and this manual is for Microsoft Flight simulator only. This sample flight is dedicated to my beloved daughter Beatrice. Thanks to Mr. Christophe Modave. Thank you to Wilco Publishing and www.Feelthere.com. Please do more!

Recommended Software: