

PREMIER AIRCRAFT DESIGN

INSTALLATION AND QUICK START GUIDE

Boeing KC-135R Stratotanker for Microsoft Flight Simulator X/SP2

Aircraft, panel and sound package
including dynamic VC with custom gauges.

For more detailed information look inside the MANUALS folder.

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MAIN CREDITS

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Panel design and XML gauge programming	Jean-Pierre Brisard
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Pushback/taxi speed gauge	Rob Barendregt
Sound files	Aaron Swindle
Multi Function Navigation Display	Ken Mitchell
Various gauges	Steve Southey & Doug Dawson
File packaging & PAD webmaster	Bob May

PACKAGE INSTALLATION:

Extract ALL (Repeat ...***ALL***) the files within the zip file into the FSX **MAIN** folder using **WINZIP*** in Classic Mode. Do not use the Wizard.

Make sure the "Use Folder names" BOX is checked in WINZIP.

Do NOT install to the airplanes folder, the simobjects folder, or any other folder !

New folders will be created and all files automatically installed.

** Other unzip utilities may work as well, we have only tested WinZip.*

Vista & Win7 users may need to temporarily disable the **UAC** (User Account Control) to enable automatic creation of new folders.

Here's how to install by the numbers...

1. Navigate to where you downloaded the zip file
2. Double click with your mouse on the zip file.
3. The zip file will open and show all the files inside the zip.
4. Use keyboard shortcut 'CTRL-A' , this will select ALL the files.
5. Click on upper 'Extract' button in the main tool bar above.
6. Type in your path in the pop-up dialog box, the default location is C:\program files\microsoft games\microsoft flight simulator X . **OR** (better) browse to your FSX Location...
7. Open the FSX main folder.
8. Now click on the 'Extract' button in the upper right.....you're done...go flying.

OPERATING TIPS & KEYBOARD COMMANDS

* **Gauge compatibility.** This model contains many custom (i.e. non MS default) gauges. These gauges are calibrated in the U.S. measurement system (non-metric) If you have your Flight Sim program set up for metric measurements these gauges may cause FS to crash. If you get crashes of FS after starting one of our models go to the 'Settings-International' screen and ensure that 'U.S.measurements' is set.

* **Compatibilité des Gauges.** Ce modèle contient des instruments de vol ajoutés (gauges). Ces gauges sont étalonnées dans le système de mesure des États-Unis (non métriques) Si vous avez votre Flight Sim programme mis en place pour les mesures métriques ces gauges peuvent causer FS 'crash'. Si vous rencontrez des 'crashes' de FS avec l'un de nos modèles aller à l'écran 'Paramètres-international' et veiller à ce que 'US measurements' est sélectionné.

*Check list and reference list available from the cockpit kneeboard command.

*Essential reading ... **"Flying Tips" on page 4 of this document.**

1. Turn on' Tool Tips', lots of panel information available by hovering your mouse over the panels.

Go to Options - Settings - General....Click the "Show Tool Tips" box.)

2. **SHIFT-E** opens/closes the crew door.

3. **SHIFT-E2** opens cargo door. The external doors will not open in flight.

4. **Shift-Q** (tail hook command) lowers/raises the air to air refuelling probe in flight.

5. To raise your seat higher press **SHIFT-ENTER** (VC only)

6. In the VC, **Ctrl-W** key toggles yoke on/off. There is also a yoke icon on the VC panel

7. Some gauges have magnified pop-ups, see panel map in manuals folder.

8. Guide lights on the belly come on with RECOG lights switch.

LAST, AND MOST IMPORTANT ... TO GET THE BEST FROM THE AVIONICS AND THE PANEL
READ THE DOCS IN THE MANUALS FOLDER

MOVING AROUND IN THE COCKPIT :

Quick Reference - VC EYEPOINT KEY COMMANDS

Move eyepoint back

CTRL+ENTER (press and hold)

Move Eyepoint Down

SHIFT+BACKSPACE

Move Eyepoint Forward

CTRL+BACKSPACE

Move Eyepoint Left

CTRL+SHIFT+BACKSPACE

Move Eyepoint Right

CTRL+SHIFT+ENTER

FLYING TIPS

ENGINE START

There are 3 ways to start the engines:

1. Use keys Ctrl-E All settings will be made automatically and all 4 engines will start in sequence 1,2,3,4
2. Use the Autostart switch on the panel. This mimics the CTRL-E action exactly.
3. Manually start each engine, in any required sequence, by using the 4 start switches on the panel.

NOTE If you previously stopped the engines using the fuel cut-off levers and then attempt a manual start you must ensure that the battery switch and fuel levers are in the ON position.

Also, ensure that the 4 generator switches are switched ON after a manual start.

ENGINE SHUT DOWN

Before stopping the engines set the parking brake and switch off all lights and beacons.

Use the fuel cut-off levers on the panel. When the engines have stopped switch off avionics, generators and battery.

TAXIING

There is a taxi speed/pushback gauge on the panel, read the instructions in the manuals folder for full operation details.

The taxi speed gauge controls speed by using throttle and brakes. You can use the taxi speed gauge in spot view by pressing keys Shift-4

Use of the parking brake (Ctrl + .) will cancel the taxi speed operation.

If taxiing without use of the gauge be very gentle with the power !

TAKE-OFF

Set 10° (one notch) or 20° (2 notches) of flap, depending on take-off weight, and a small amount of nose up trim.

Use no more than 90% power for take-off. At 130kts -150kts (depending on weight) rotate the nose up gently until the **Angle of Attack indicator** on the panel reads .6

Don't exceed this angle of attack or the tail will strike the ground.

Initial climb rate is 3000 ft/min. The steep initial climb keeps the airspeed within flap and undercarriage limits. Raise the u/c and flaps after take-off, climb to 3,000 ft above ground level, reduce power, adjust the trim, or turn on the autopilot, and then climb to cruise altitude at 1800 ft/min.

FUEL NOTES: (1) By default this model initializes with a heavy fuel load. To reduce take off run and improve performance, you can reduce the fuel load in FSX 'aircraft/fuel & payload' menu.

(2) In real life this aircraft would not attempt to land with a full, or nearly full, fuel load. On this model it is almost impossible to land with a full fuel load without damaging the tires and/or undercarriage.

You can use autothrottle to take off:

1. Set the parking brake
2. Set the speed control to 250 kts
3. Arm the Autopilot
4. Arm the Autothrottle
5. Click the 'SPD' button
6. Allow the engine to spool up to 80% power and release the brakes.

CRUISE

Normal medium range cruise altitude is 32,000-35,000 ft. but short haul routes may have a lower cruise altitude. Normal cruise speed is 260 kts IAS (indicated air speed) at 32,000 ft. An indicated air speed of 260 kts at 35,000 ft translates into a ground speed of about 430 kts (500 mph), depending on wind speed and direction.

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(We will not give permission to upload modified panels or gauges)

We recommend 'Textures Only' uploads due to the file size. We do not normally withhold permission for repaints but we reserve the right to check the files and documentation before publication.

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