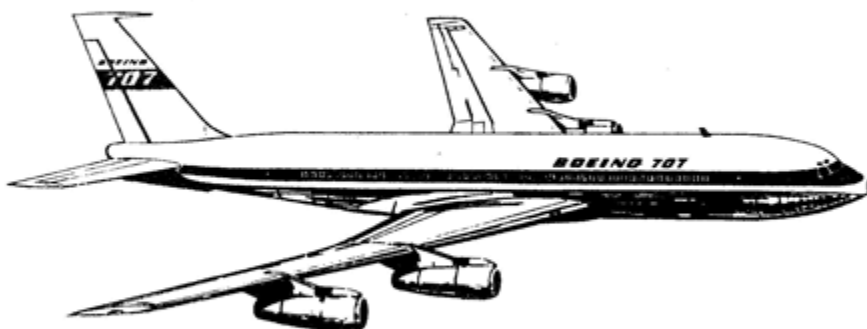


DO NOT USE FOR FLIGHT

707



FLIGHT MANUAL

PART I - User's Manual

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All trademarks are the property of their respective owners.

ABOUT THIS MANUAL

VERSION: 04 MARCH, 2011

WARNING: THIS MANUAL IS DESIGNED FOR MICROSOFT® FSX USE ONLY. DO NOT USE FOR FLIGHT.

The '707 Captain' FLIGHT MANUAL is organized into three Parts.
Each Part is provided as a separate Acrobat® PDF document:

Click START > Programs > Captain Sim > 707 Captain >

- **Part I – User's Manual** - this document.
 - o The User's Manual describes the '707 Captain' Sim product as a software title.
- **Part II – Aircraft and Systems**
- **Part III – Normal Procedures**

Adobe Acrobat® Reader Required

FOR GENERAL INFORMATION ON THE '707 CAPTAIN' PRODUCT PLEASE USE WWW.CAPTAINSIM.COM .
THIS MANUAL PROVIDES ADDITIONAL INFORMATION ONLY, WHICH IS NOT AVAILABLE ON THE WEB SITE.

707 Captain FLIGHT MANUAL

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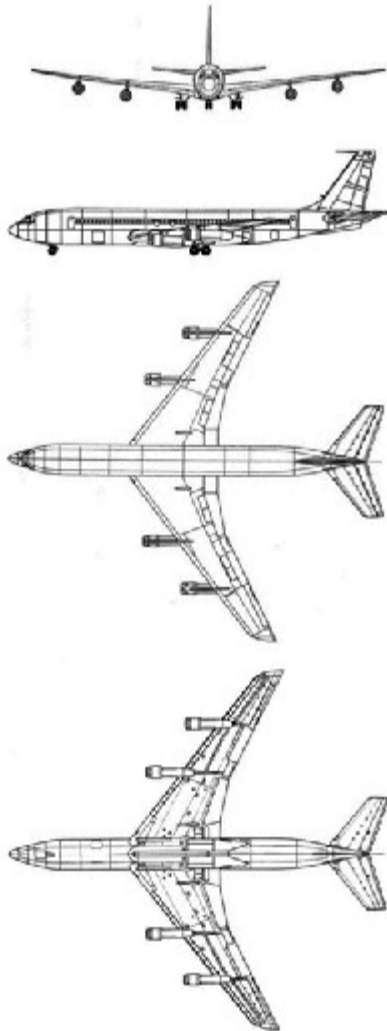
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THE BOEING 707 AIRCRAFT

America entered the age of the jet transport on July 15, 1954, when the Boeing 707 prototype, the model 367-80, made its maiden flight from Renton Field, south of Seattle. Forerunner of the more than 14,000 Boeing jetliners built since, the prototype, nicknamed the "Dash 80," served 18 years as a flying test laboratory before it was turned over to the Smithsonian Air and Space Museum in May 1972.



The **707-300** is a base product of the **707 Captain** family, and delivers the following features:

- 707-300 exterior models in 13 liveries.
- Interior model (VC and passenger cabin)
- 2D panels (no main 2D panel)
- Systems and flight instruments
- Authentic Sound Set

SPECIFICATION

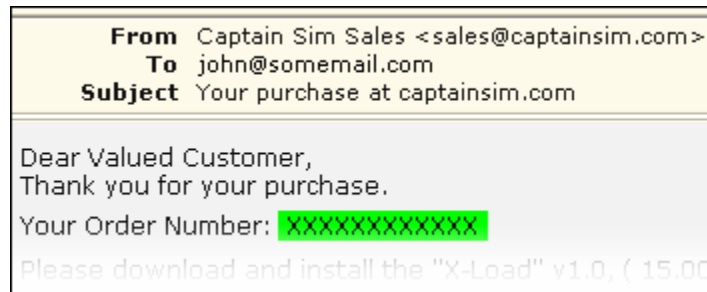
The 707-300 is available exclusively in Online Store at www.captainsim.com

File Name: csx701_XX00.exe

Size: ~133 Mb

INSTALLATION

1. Shortly after a purchase you will receive an email message from Captain Sim Sales with your Order Number and download links.



Note:

How to get the product download links if you have not received the email receipt?

- Please check-in to [Your Profile](#) (ORDER NUMBER REQUIRED)
 - In Your Profile click: **Product Name > Extended Download Service** and download the product.
 - Please keep your ORDER NUMBER safe. You will need it for future re-install, updates etc.
2. Download the .exe file to any folder. Please backup the file(s) to avoid an extra charge in future. Please keep your download and Check-in info safe.
 3. Run the .exe file (right click on the .exe file, select 'Run as Administrator') and follow the prompts.

DO NOT USE FOR FLIGHT

Note:

- YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.
- ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.
- The installation software will automatically add the '707-300' to your MSFS.
- Upon installing the models will appear as 'Boeing 707-300' under 'Boeing' manufacturer, 'Captain Sim' publisher in the MSFS aircraft selection menu.
- Links to Support, Updates, Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 707 Captain >

UNINSTALLATION

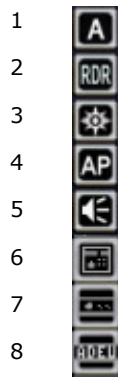
Click START > Programs > Captain Sim > 707 Captain > 707-300 > Uninstall

Note:

The *Expansion Models* will not work after the 707-300 deinstallation.

2D PANELS**'ICONS' CONTROL 2D PANEL**

Press Shift+1 to show/hide the 'ICONS' CONTROL PANEL. The Icons Control Panel designed to manage 2D panels and Views.

*The icons legend:*

- 1 -- Animations control
- 2 -- Weather radar
- 3 -- Custom map for doppler NAV ops
- 4 -- Autopilot
- 5 -- Crew messages player panel
- 6 -- INS control display unit*
- 7 -- INS mode selector unit*
- 8 -- INS ADEU*

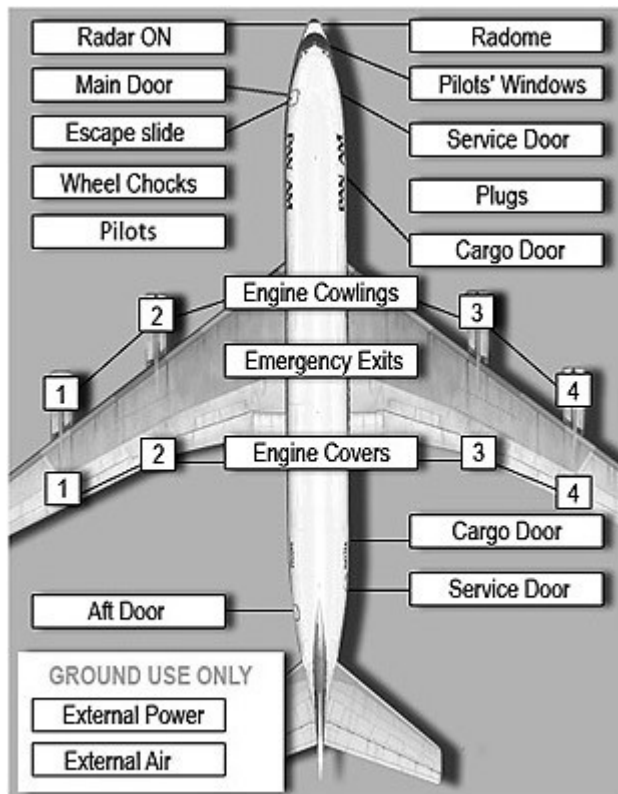
Keys

- Shift+2
- Shift+3
- Shift+4
- Shift+5
- Shift+6
- Shift+7
- Shift+8
- Shift+9

* Not available if Delco Carousel IV-A INS is not installed. Please see Manual Part II for details.

MODEL ANIMATION CONTROL PANEL

Press Shift+2 or its icon to show/hide the panel.



Press any white label/button to initiate the corresponding animation of the Exterior Model.

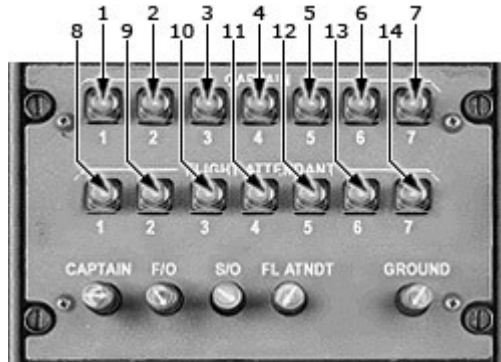
Notes:

- You cannot put the ENGINE COVERS if an engine is running.
- You cannot open ENGINE COWLINGS and put PLUGS inflight.
- If your speed is more than 0 KIAS you cannot set the WHEEL CHOCKS and ESCAPE SLIDES.
- You cannot hide PILOTS if engines are running
- You cannot put ESCAPE SLIDES if doors are closed.

Available animations key combinations:
Main Door - Shift+E+1

Pilots' Windows - Shift+E+2
Forward Cargo Door - Shift+E+3
Aft Cargo Door - Shift+E+4

CREW MESSAGES PLAYER PANEL



1-3. Captain Messages

4-7. Blank

8-14. Stewardess Messages

Captain Messages

1. Welcome Message
2. Ready for Pushback Message
3. Arrival Message

Stewardess Messages

8. Welcome Message
9. Refueling Message
10. Safety Briefing Message
11. Night Takeoff Message
12. Departure Message
13. Turbulence Message
14. Descent Message

3D CONTROLS ANIMATION (SWITCHES, BUTTONS, KNOBS, LAMPS)

1. Two-positions - left click.
2. Multi-position:
 - Counterclockwise (decrease) - left click or mouse wheel outwards oneself;
 - Clockwise (increase) - right click or mouse wheel towards oneself.
3. Three-position with middle spring-back position:
 - Down-left - left click;
 - Up-right - right click.
4. Levers and some wheels like trim and pitch trim wheels:
 - Decrease - left click + drag;
 - Increase - right click + drag.

MISCELLANEOUS FEATURES

EXTERIOR MODELS

ANIMATIONS

Hundreds of custom animations:



Aft passenger door



Engine cowlings (8)



Engine exhaust covers (4)



Engine intake covers (4)



Aft service door



Pilots' windows (2)



Wheel chocks (6)



Landing gear doors (8)



Escape slides (2)



Plugs (4)



Forward service door



Emergency exits (4)



Stewardess



Wipers (2)



Ailerons trim

DO NOT USE FOR FLIGHT



Elevators (2)



Rudder



Engine reversers (4)



Radome



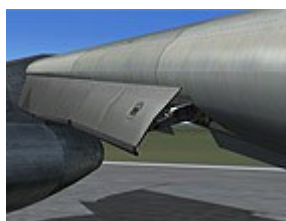
Radar antenna



Spoilers (14 sections)



Wing flaps (6 sections)



Wing slats (8 sections)



Forward cargo door



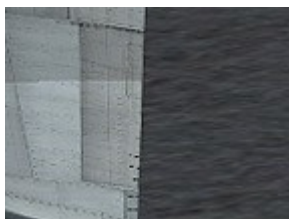
Elevator trim



Compressor fans (4)



Rudder trim



Ailerons (4)



Landing gears (3)



Retractable landing lights (2)



Aft cargo door



Main passenger door



Stabilizer

DO NOT USE FOR FLIGHT

Intake flaps (32)



Fuel dump chutes (2)



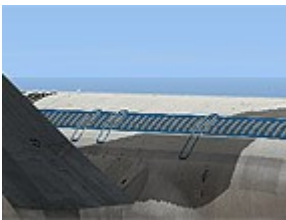
Ventral fin (707-320B Model)



Show/hide pilots

The 707-320B ADV (Advanced) is an improved version of the -320B aircraft, adding three-section leading-edge flaps. These reduced takeoff and landing speeds, and also altered the lift distribution of the wing, allowing the ventral fin found on earlier 707s to be removed. Nose landing gear and doors are also modified.

See *FLIGHT MANUAL Part II – Aircraft Systems* for details.

MISC FEATURES

Custom self-shade



Wing flex



Wing vortices



Passengers



Transparent windows



Fuel dump



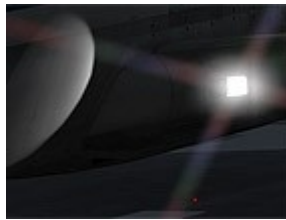
Engines smoke

DO NOT USE FOR FLIGHT

Independent lights control



Anti-collision lights



Landing lights – inboard



Landing lights - outboard



Navigation lights – red, green,
white



Taxi lights - inboard



Nose taxi light



Wing lights



Flight deck interior lights



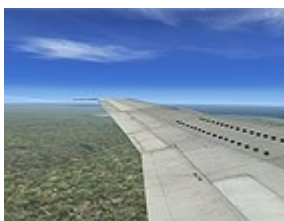
Passenger cabin interior lights

See FLIGHT MANUAL Part II – Aircraft Systems for details.

PRE-MAVED VIEWS



Right side window



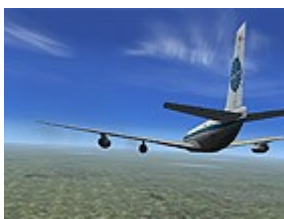
Left side window



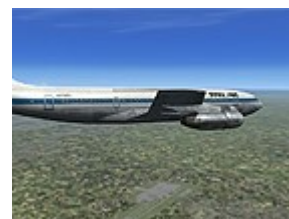
Landing gear



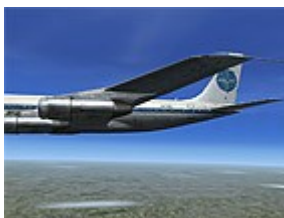
Nose



Tail



Right wing



Left wing

VIRTUAL COCKPIT

ANIMATIONS

Hundreds of custom animations:



Arm rests (6)



Pilot's seats (3) (up-down, fwd-bwd)



Sun shields (4)



Oxygen masks (4)



Pedals position and adjustment handles (4+2)



Pilots' windows (2)

DO NOT USE FOR FLIGHT



Books (4)



Second Officer's seat (forward-backward, up-down)



Checklists (2)



Flightbag



Nose steering wheel



Cabin air distribution lever



Wipers (2)



Control wheels and columns (2)



Overhead handles



Compass



Fuses (10)



Caps (2)



Windshield handles (2)



Lavatory doors (4)



Arm rests (4)

DO NOT USE FOR FLIGHT



Fwd service door



Passenger seats



Seat tables



Aft passenger door



Aft service door



Racks (4)



Forward passenger door



Blinds



Flight deck door



Seat belts (6)



Engine reversers (4)



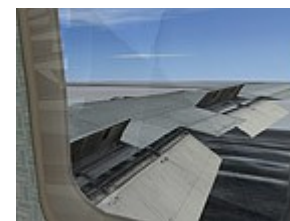
Nose wheel steering



Wing slats (8 sections)



Wing flaps (6 sections)



Spoilers (14 sections)

DO NOT USE FOR FLIGHT

Removable yoke (L-R)



Click 'Boeing 707' logo cap to hide the Yoke



Click the base to show the Yoke

In addition to the above:

- Switches (159)
- Guarded Switches (33)
- Buttons (16)
- Selectors (53)
- Knobs (38)

MISC FEATURES**Exclusive lighting effects and controls**

Most of the following lighting features work independently providing wide selection of flight deck lighting options.



VC self-shadow



Control stand white light



Glareshield lights



White dome lights



Red dome lights



Center forward panel backlight



Second officer flood lights



Panels backlight



System lights

DO NOT USE FOR FLIGHT



Spot lights (2)



Left forward panel backlight



Right forward panel backlight



Flight engineer lower panel
backlight



Flight engineer upper panel
backlight



Self-shadow



Lighting

See FLIGHT MANUAL Part II – Aircraft Systems for details.

PRE-MAVED VIEWS



Captain's seat



First Officer's seat



Flight Engineer's seat



Overhead



Pedestal



Galley



Passenger seat



Aft galley

SYSTEMS

See *FLIGHT MANUAL Part II – Aircraft Systems* for details.



707-300C Expansion Model

Expansion for 707-300 base pack.

707-300 base pack required.

This part of the manual describes the 300C specific features only.

BOEING 707-300C AIRCRAFT

The 707-300C is a convertible passenger–freight configuration which became the most widely produced variant of the 707. The 707-300C added a strengthened floor and a new cargo door to the -300B model. 335 of these variants were built, including a small number with uprated JT3D-7 engines and a takeoff gross weight of 336,000 lb (152,000 kg). Despite the convertible option, a number of these were delivered as pure freighters.

SPECIFICATION

The **300C Expansion Model** is available as a separate product at www.captainsim.com

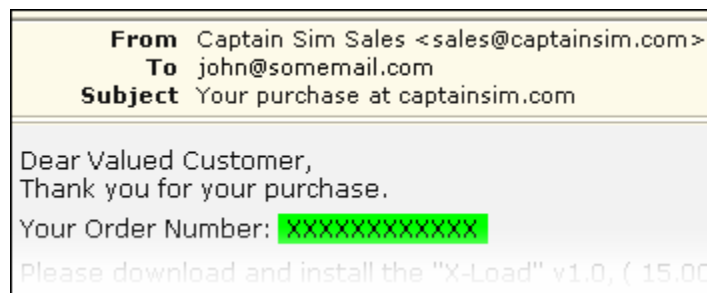
File Name: csx702_XX00.exe

Size: ~13 MB

INSTALLATION

BE SURE TO INSTALL LATEST VERSION (1.3) OF THE 707 CAPTAIN (707-300) BASE PACK FIRST, BEFORE THE EXPANSION MODEL INSTALLATION.

1. Shortly after a purchase you will receive an email message from Captain Sim Sales with your Order Number and download links.



Note:

How to get the product download links if you have not received the email receipt?

- Please check-in to [Your Profile](#) (ORDER NUMBER REQUIRED)
- In Your Profile click: **Product Name > Extended Download Service** and download the product.
- Please keep your ORDER NUMBER safe. You will need it for future re-install, updates etc.

DO NOT USE FOR FLIGHT

2. Download the .exe file to any folder. Please backup the file(s) to avoid an extra charge in future. Please keep your download and Check-in info safe.

3. Run the .exe file (right click on the .exe file, select 'Run as Administrator') and follow the prompts.

Note:

- YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.
- ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.
- The installation software will automatically add the '707-300' to your MSFS.
- Upon installing the models will appear as 'Boeing 707-300' under 'Boeing' manufacturer, 'Captain Sim' publisher in the MSFS aircraft selection menu.
- Links to Support, Updates, Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 707 Captain >

UNINSTALLATION

Click START > Programs > Captain Sim > 707 Captain > 707-300C Expansion Model > Uninstall

Note:






The *300C Expansion Model* will not work if the 707-300 is not installed.

SYSTEMS

See *FLIGHT MANUAL Part II – Aircraft Systems for details.*

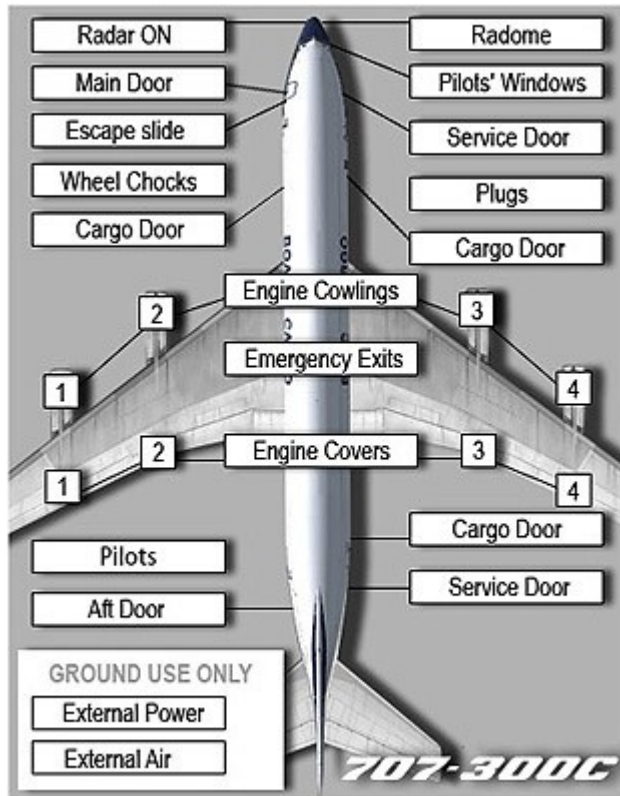
2D PANELS**'ICONS' CONTROL 2D PANEL**

Press Shift+1 to show/hide the 'ICONS' CONTROL PANEL. The Icons Control Panel designed to manage 2D panels and Views.

		<i>The icons legend:</i>	<i>Keys</i>
1		1 -- Animations control	Shift+2
2		2 -- Weather radar	Shift+3
3		3 -- Custom map for doppler NAV ops	Shift+4
4		4 -- Autopilot	Shift+5
5		5 -- Load manager	Shift+6

MODEL ANIMATION CONTROL PANEL

Press Shift+2 or its icon to show/hide the panel.



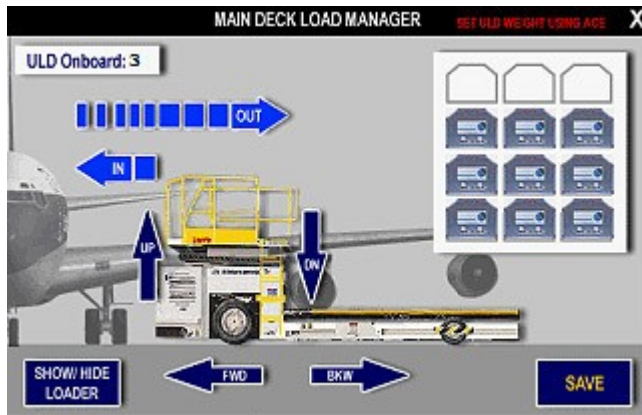
Press any white label/button to initiate the corresponding animation of the Exterior Model.

Notes:

- You cannot put the ENGINE COVERS if an engine is running.
- You cannot open ENGINE COWLINGS and put PLUGS inflight.
- If your speed is more than 0 KIAS you cannot set the WHEEL CHOCKS and ESCAPE SLIDES.
- You cannot hide PILOTS if engines are running
- You cannot put ESCAPE SLIDES if doors are closed.

MAIN DECK LOAD MANAGER

Load Manager Control panel provides real-time operation of the animated Aircraft Loader. Use 'ICONS' CONTROL PANEL (Shift+1) to show/hide Load Manager panel or press Shift+6.

**ULD Onboard**

Indicates the number of Unit Load Devices onboard.

IN/OUT Pointers

Press the corresponding pointer to upload/unload the units to/from the main cargo deck.

Note:

Main Cargo Door should be open for loading. Use Model Animation Control 2D Panel (Shift+3).

15 Units Selection

Click on any available unit to load it on the Aircraft Loader. The loader should be back on the loading area with a lift lowered.

UP/DN Pointers

Press the corresponding pointer to move the Lift up or down.

FWD/BKW Pointers

Press the corresponding pointer to drive the Loader between an aircraft and loading area.

Show/Hide Loader

Press the button to show/hide the Loader.

Note:

Make sure aircraft is on parking brakes. If an aircraft start rolling with the Loaders shown they will be hidden automatically.

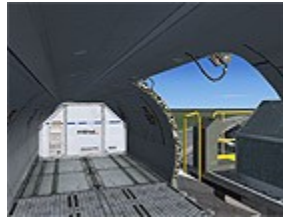
Press SAVE button to save changes in cargo settings.

HOW IS THE 707-300C MODEL DIFFERENT FROM 707-300 MODEL

Interior



Lower cargo deck



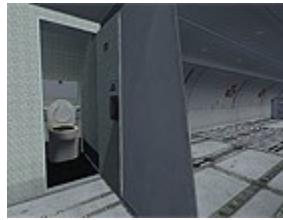
Main cargo deck with ULD



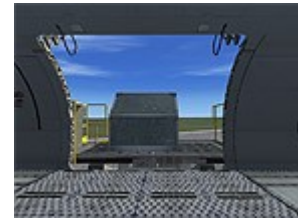
Cabin back wall



Cargo bulkhead



One lavatory



Cargo loader and ULD

Exterior



Cargo loader and ULD



Main cargo deck and ULD



Non transparent windows



Main cargo door

Pre-saved views



Lower cargo deck



Main cargo deck



Lighting

VC-137 Expansion Model

Expansion for 707-300 base pack.

707-300 base pack required.

This part of the manual describes the VC-137 specific features only.

BOEING AIR FORCE ONE AIRCRAFT

The long-range version of the Boeing 707-320 intercontinental became the most commonly ordered version of the 707 airliner. Its fuselage was 8 feet longer than the 707-120 and its wingspan was 12 feet longer.

With new turbofan jet engines, the B versions had a range of 6,000 miles, and in 1962, a 707-320B took over the role of U.S. government VIP and presidential transport, designated VC-137C. A second VC-137C was delivered in 1972. These were the first Air Force Ones.

President John F. Kennedy's wife, Jacqueline Kennedy, selected the colors of the first Air Force One, VC-137C. The 707s served as presidential aircraft until they were replaced by 747-200s in 1990.

SPECIFICATION

The **VC-137 Expansion Model** is available as a separate product at www.captainsim.com

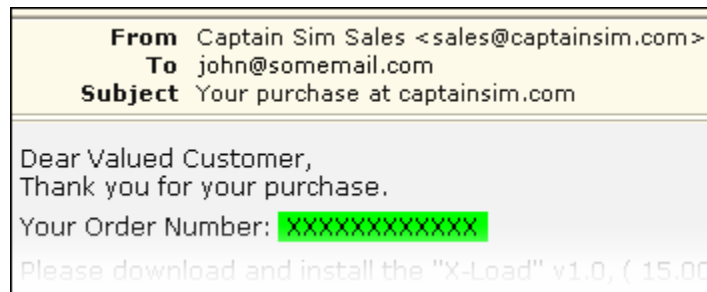
File Name: csx703_XX00.exe

Size: ~12 MB

INSTALLATION

BE SURE TO INSTALL LATEST VERSION (1.3) OF THE 707 CAPTAIN (707-300) BASE PACK FIRST, BEFORE THE EXPANSION MODEL INSTALLATION.

1. Shortly after a purchase you will receive an email message from **Captain Sim Sales** with your Order Number and download links.



Note:

How to get the product download links if you have not received the email receipt?

- Please check-in to [Your Profile](#) (ORDER NUMBER REQUIRED)
- In Your Profile click: **Product Name > Extended Download Service** and download the product.
- Please keep your ORDER NUMBER safe. You will need it for future re-install, updates etc.

2. Download the .exe file to any folder. **Please backup the file(s) to avoid an extra charge in future. Please keep your download and Check-in info safe.**

3. Run the .exe file (right click on the .exe file, select 'Run as Administrator') and follow the prompts.

DO NOT USE FOR FLIGHT

Note:

- YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.
- ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.
- The installation software will automatically add the '707-300' to your MSFS.
- Upon installing the models will appear as 'Boeing 707-300' under 'Boeing' manufacturer, 'Captain Sim' publisher in the MSFS aircraft selection menu.
- Links to Support, Updates, Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 707 Captain >

UNINSTALLATION

Click START > Programs > Captain Sim > 707 Captain > VC-137 Expansion Model> Uninstall

Note:

The *VC-137 Expansion Model* will not work if the 707-300 is not installed.

SYSTEMS

See *FLIGHT MANUAL Part II – Aircraft Systems* for details.

HOW IS THE VC-137 MODEL DIFFERENT FROM 707-300 MODEL



Extra body antennas (8)



Modified interior



Modified windows layout



78 EWSM aerial fairing



Wing Antennas (2)

Note: No VC interior of the VIP passenger cabin included.

E-3 Expansion Model

Expansion for 707-300 base pack.

707-300 base pack required.

This part of the manual describes the E-3 specific features only.

BOEING E-3 AIRCRAFT

The Boeing **E-3 Sentry** is an American military airborne warning and control system (AWACS) aircraft based on the Boeing 707 that provides all-weather surveillance, command, control and communications. It is used by countries such as the United States, the United Kingdom, France, Saudi Arabia, and NATO air defense forces. It is distinguished by the disc-shaped rotodome above the fuselage. Production ended in 1992 after 68 had been built.

SPECIFICATION

The **E-3 Expansion Model** is available as a separate product at www.captainsim.com

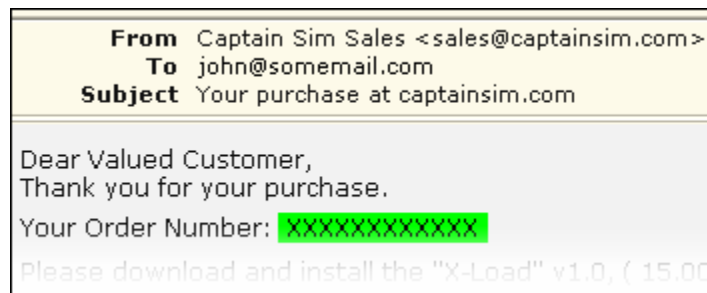
File Name: csx704_XX00.exe

Size: ~12 MB

INSTALLATION

BE SURE TO INSTALL LATEST VERSION (1.3) OF THE 707 CAPTAIN (707-300) BASE PACK FIRST, BEFORE THE EXPANSION MODEL INSTALLATION.

1. Shortly after a purchase you will receive an email message from **Captain Sim Sales** with your Order Number and download links.



Note:

- How to get the product download links if you have not received the email receipt?
- Please check-in to [Your Profile](#) (ORDER NUMBER REQUIRED)
 - In Your Profile click: **Product Name > Extended Download Service** and download the product.
 - Please keep your ORDER NUMBER safe. You will need it for future re-install, updates etc.
2. Download the .exe file to any folder. **Please backup the file(s) to avoid an extra charge in future. Please keep your download and Check-in info safe.**
 3. Run the .exe file (right click on the .exe file, select 'Run as Administrator') and follow the prompts.

DO NOT USE FOR FLIGHT**Note:**

- YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.
- ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.
- The installation software will automatically add the '707-300' to your MSFS.
- Upon installing the models will appear as 'Boeing 707-300' under 'Boeing' manufacturer, 'Captain Sim' publisher in the MSFS aircraft selection menu.
- Links to Support, Updates, Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 707 Captain >

UNINSTALLATION

Click START > Programs > Captain Sim > 707 Captain > E-3 Expansion Model > Uninstall

Note:

The *E-3 Expansion Model* will not work if the 707-300 is not installed.

SYSTEMS

See *FLIGHT MANUAL Part II – Aircraft Systems* for details.

2D PANELS**'ICONS' CONTROL 2D PANEL**

Press Shift+1 to show/hide the 'ICONS' CONTROL PANEL. The Icons Control Panel designed to manage 2D panels and Views.

*The icons legend:*

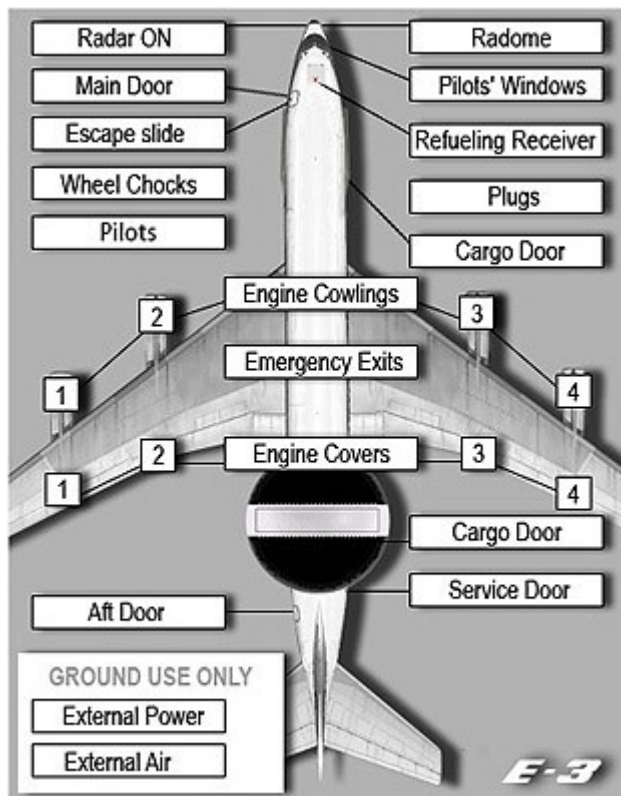
- 1 -- Animations control
- 2 -- Weather radar
- 3 -- Custom map for doppler NAV ops
- 4 -- Autopilot
- 5 -- Rotodome

Keys

- Shift+2
- Shift+3
- Shift+4
- Shift+5
- Shift+6

MODEL ANIMATION CONTROL PANEL

Press Shift+2 or its icon to show/hide the panel.



Press any white label/button to initiate the corresponding animation of the Exterior Model.

Notes:

- You cannot put the ENGINE COVERS if an engine is running.
- You cannot open ENGINE COWLINGS and put PLUGS inflight.
- If your speed is more than 0 KIAS you cannot set the WHEEL CHOCKS and ESCAPE SLIDES.
- You cannot hide PILOTS if engines are running
- You cannot put ESCAPE SLIDES if doors are closed.

Available animations key combinations:
Main Door - Shift+E

ROTODOME CONTROL PANEL

This panel is used for radome antenna spinning control. Use Icons Control Panel (Shift+1), press Shift+6 or go to FSX Main Menu > Views > Instrument Panel to show up Rotodome Control Panel.



1. Rotodome FAULT Light
2. Rotodome RUN Light.
3. Rotodome Control Switch – controls rotodome switching and rotation speed (revo)

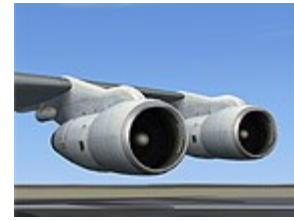
HOW IS THE E-3 MODEL DIFFERENT FROM 707-300 MODEL



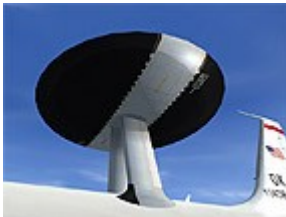
Additional bottom antennas (10)



2 emergency doors



TF33-P-100 engines (4)



Rotodome



Refueling unit



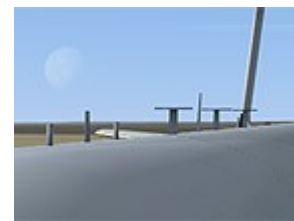
Electronic Support Measure



Electronic Support Measure



Radar warning antenna



C-band and voice&dara communication links (7)



Nose warning antenna



Navigation antenna (2)



No forward service door

Note:

No VC interior of the E-3 special equipment cabin included.

ACE (AIRCRAFT CONFIGURATION EDITOR) UTILITY**'FLEET' TAB****EXISTING**

The EXISTING tab helps you to manage existing (installed to FSX) '707 Captain' liveries:

**HOW TO EDIT LIVERY DESCRIPTION?**

- You can modify texts in description field and Aircraft variation field. You cannot change Aircraft type.
- When finished, press 'SAVE CHANGES' button to save the changes.

HOW TO DELETE A LIVERY?

- Select 'AIRCRAFT TYPE'.
- Select 'AIRCRAFT VARIATION'.
- Press 'DELETE VARIATION' button. Pressing 'OK' button will delete the selected variation from your '707 Captain' fleet. No backup copy will be saved..

MODEL SELECTION:**1. VC – Flight Deck Only**

If checked – no passenger cabin will be loaded for 707-300B ADV, 707-300B and 707-300 models.

Note:

The 707-300C always loads with cargo cabin.

DO NOT USE FOR FLIGHT

E-3 and VC-137 always loads with flight deck only. No cabin.

2. Exterior Model Selection

Feel free to change exterior model type for selected aircraft variation. Note, if you'll switch from ADV or B to C – new variation with same name will be added for 707-300C aircraft.

You cannot change the exterior models for the 707-300C , VC-137 and E-3 aircraft.

Press SAVE CHANGES to save all settings.

'ADD NEW' BUTTON

The ADD NEW button helps you to add new '707 Captain' livery to FSX.

HOW TO ADD NEW XYZ LIVERY?

- Make sure your Flight Simulator is not running.
- Download new 707 livery archive to any folder at your computer (e.g. XYZ).
- Unzip all content of the downloaded archive to the same folder. All files should be in one folder, NO SUBFOLDERS.
- Make sure all textures .dds files, *Description.txt* and *thumbnail.jpg* files are present and located in the XYZ folder.
- Start ACE: go START>PROGRAMS>CAPTAIN SIM> 707 CAPTAIN> ACE.
- Press 'ADD NEW' button.
- Select path to description.txt of the variation you want to add. Press OPEN.

You will see window with all information about variation you re going to add.

- Press OK button.

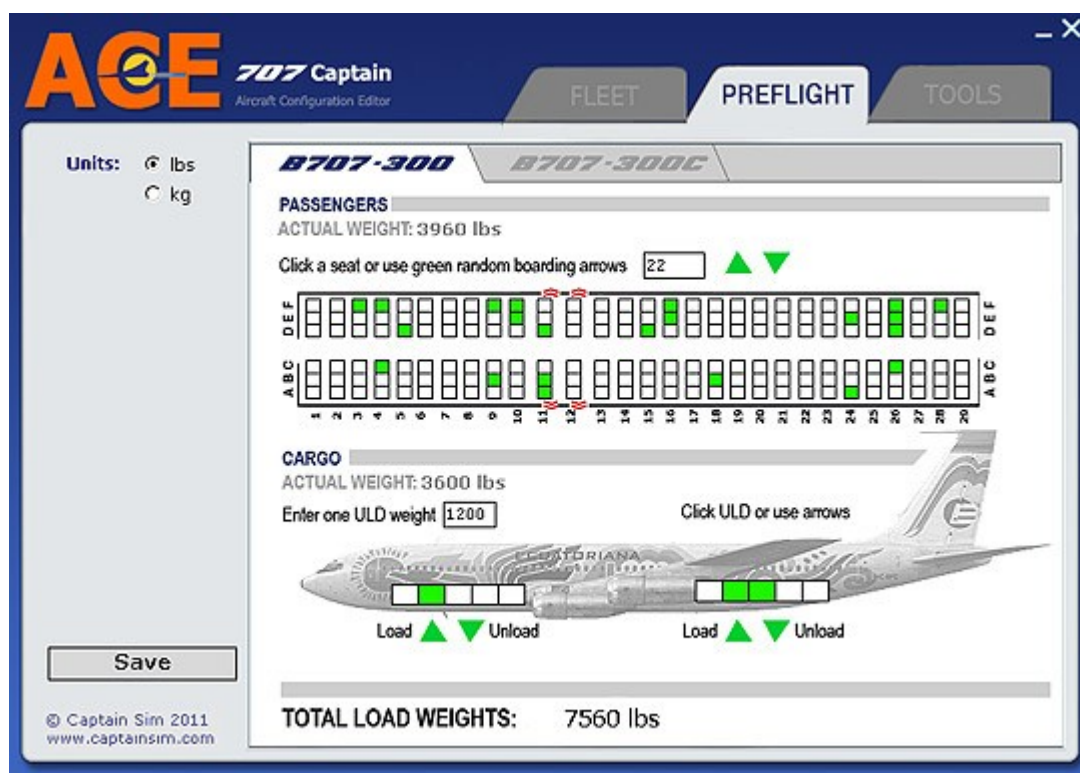
Done! The new variation will appear in your FSX under BOEING manufacturer, CAPTAIN SIM publisher.

'PREFLIGHT' TAB

Use for payload settings of the 707 models available in 707-300 and 707-300C Expansion Model.

Note:

When you open this tab ACE always reads 0 KG/LBS regardless of your previous load settings.

B707-300 TAB

Use radio button to select Measurement System – LBS (pounds) or KG (kilograms).

Passengers

Click a seat or use green random boarding arrows or enter a number of passengers in the field. Actual weight will be displayed.

Cargo

Enter one ULD weight. Click ULD section image or use green arrows to load/unload cargo on the lower deck. Actual cargo weight will be displayed.

Total Load Weights – displays current total load weight (PAX + Cargo).

Note:

No fuel included/calculated. For fuel load management use FSX default utilities.

Press 'SAVE' Button. Load settings apply to 707-300B ADV, 707-300B and 707-300 models.

DO NOT USE FOR FLIGHT**B707-300C TAB**

ACE 707 Captain
Aircraft Configuration Editor

FLEET **PREFLIGHT** **TOOLS**

B707-300 **B707-300C**

MAIN CARGO DECK

Enter one ULD weight lbs

LOWER CARGO DECK

Enter one ULD weight lbs

Save

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FOR REALTIME ANIMATED LOADING RUN MS FS AND USE THE '707-300C' LOAD MANAGER

Use radio button to select Measurement System – LBS (pounds) or KG (kilograms).

Enter one ULD weight for Main Cargo Deck.

Press 'SAVE' Button. Load settings apply to 707-300C model.

FOR REALTIME ANIMATED LOAD MANAGEMENT RUN FSX AND USE THE '707-300C' LOAD MANAGER.

'TOOLS' TAB**TROUBLESHOOTING**

SET CORRECT PATH tool. If the 'FLEET' and 'PREFLIGHT' tabs ACE are unavailable please press 'BROWSE' button, set the path to FSX.exe and your MS FS flight files (*.FLT) and press 'SAVE' button. 'FLEET' and 'PREFLIGHT' tabs should be available activated.

TEST '707 CAPTAIN' SIM button.

Please use this tool at Captain Sim support request ONLY.

Click this button to run safe system diagnostic tool and save the data to 'test.txt' file. No personal information collected.

REPAINT KIT

Prior to using the Repaint Kit please read Captain Sim [Copyright Policy](#).

1. DOWNLOAD 707 Captain REPAINT KIT

Available via: [Your Profile](#)

In Your Profile click: Product Name > Repaint Kits

2. CREATE NEW LIVERY

- Texture files should not be renamed
- Texture files must be in DDS format as follows:
 - b707_b1_t.dds - DXT3 WITH ALFA
 - b707_b2_t.dds - DXT3 WITH ALFA
 - b707_b5_t.dds - DXT1 NO ALFA
 - b707_b6_t.dds - DXT1 NO ALFA

Note:

_Bump and _LM files are *model* specific. See "Expansion models specifics" section.

_Spec files are *livery* specific.

3. CREATE DESCRIPTION.TXT

Do not modify text shown in bold font!

Do not type text shown in grey.

[texture]

model = *for the 707-300 and 707-300C can be one of the following below:*

- adv
- b
- c
- 300

E-3 must be model=e3

VC-137 must be model=137

ui_variation = Unique variation name. Should include full name and year when the livery was current AND repaint artists' initials. For example: Lufthansa 1980 JS

description = **707 Captain** (Your description of the livery). **Free livery, repaint by** Your Name. E-mail address is recommended. \n (c) 2010 Captain Sim www.captainsim.com

atc_id = XXXXXX (any numbers & characters)

atc_airline = XXXXXX (any numbers & characters)

atc_flight_number = XXXXXX (any numbers & characters)

EXAMPLE OF THE DESCRIPTION.TXT FILE:

[texture]

model = adv

ui_variation=Lufthansa 1980

description=707 Captain (Lufthansa, 1980). Free livery, repaint by John Smith. \n (c) 2010 Captain Sim www.captainsim.com.

atc_id=1234

atc_airline=1234

atc_flight_number=1234

4. PACK TO ZIP ARCHIVE THE FOLLOWING FILES:

1. Texture sheets. DDS files. Include modified sheets only.
2. description.txt file
3. 256x128 pixels thumbnail.jpg image (screenshot) of the new livery.

DO NOT USE FOR FLIGHT

IMPORTANT: All files must go the archive root without any intermediate folders.

5. TEST NEW LIVERY IN MSFS

Try to add your livery to MSFS using ACE to make sure the livery is valid and ACE compatible.

6. PUBLISH NEW LIVERY USINGNG [THIS FORM](#)

Please make sure file description complies to Captain Sim [Copyright Policy](#).

EXPANSION MODELS SPECIFICS

If you are creating a repaint for the 300C, VC-137 or E-3 models please make sure you take into account the following specifics:

-300C

All texture sheets are DXT1 NO ALFA (as there are no transparent windows on the freighter)

The following files are specific for 300C model:

b707_c1_Bump.dds
B707_c1_Spec.dds
B707_c2_Spec.dds
b707_c3_LM.dds
b707_c4_LM.dds
b707_c7_Bump.dds
b707_c7_LM.dds
b707_c7_Spec.dds
b707_c7_T.dds

VC-137

All texture sheets except #3 and #4 use "v" (not "b") in the names. For example b707_v6_t.dds

The following files are specific for VC-137 model:

b707_3_t.dds
b707_4_t.dds
b707_v6_Bump.dds
b707_v6_LM.dds
b707_v6_Spec.dds
b707_v6_t.dds
b707_v7_T.dds

E-3

All texture sheets except #3 and #4 use "e" (not "b") in the names. For example b707_e6_t.dds

All texture sheets are DXT1 NO ALFA.

The following files are specific for E-3 model:

b707_e1_Bump.dds
b707_e1_LM.dds
B707_e1_Spec.dds
B707_e2_Spec.dds
b707_e3_LM.dds
b707_e4_LM.dds
b707_e6_Bump.dds
b707_e6_LM.dds
b707_e6_Spec.dds
b707_e7_Bump.dds
b707_e7_LM.dds
b707_e7_Spec.dds
b707_e7_T.dds

HOW TO CONVERT LEGENDARY 707 (FS9) LIVERIES?

We advisedly used Legendary 707 exterior textures layout on the 707 Captain to provide maximum of compatibility with the Legendary 707 free liveries.

The following steps will help you to convert and add the Legendary 707 free liveries to the 707 Captain:

1. Take bmp files b1, b2, b5, b6 from any Legendary 707 free livery zip.
2. Create new texture.yournewliveryname subfolder in ...\\SimObjects\\Airplanes\\CS_B707-300 and copy the b1, b2, b5, b6 files there.
3. Create and copy 256x128 thumbnail.jpg into the same subfolder.
4. Convert the b1,b2,b5,b6 bmps into DDS as follows:
b707_b1_t.dds - DXT3 WITH ALFA
b707_b2_t.dds - DXT3 WITH ALFA
b707_b5_t.dds - DXT1 NO ALFA
b707_b6_t.dds - DXT1 NO ALFA
5. Add new [fltsim.XX] section to aircraft.cfg

FREE LIVERIES

Free Liveries Catalog is available at our web site. Please [check-in](#) to Your Profile, click Product name link and use Get Free Liveries link.

CUSTOMER CARE

FORUM

You are invited to join Captain Sim [community forum](#)

DAILY NEWS

For Captain Sim *daily* news please follow us at [Twitter](#) or [Facebook](#).

VIDEO CHANNEL

For Captain Sim videos please watch our YouTube [channel](#).

TECH SUPPORT

The '707 Captain' is the most advanced, complete and accurate digital replica of the B707 ever available for any game platform.

Our product is not perfect (unfortunately nothing is). But we are working on improvements. If you have some important issue to report, please check-in to [Your Profile](#) then click Product Name > Customer Support > and use the Trouble Ticket System. We process all tickets and consider the most significant issues for the next service packs.