

DO NOT USE FOR FLIGHT



FLIGHT MANUAL

PART I - User's Manual

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ABOUT THIS MANUAL

VERSION: 10 JULY, 2014

WARNING: THIS MANUAL IS FOR MS FSX®/LOCKHEED MARTIN P3D EXPANSION ONLY. DO NOT USE FOR FLIGHT.

The '1011 Captain' FLIGHT MANUAL is organized into three Parts. Each Part is provided as a separate Acrobat® PDF document:

- **Part I – User's Manual** - this document.
The User's Manual describes the '1011 Captain' product as a software title.
- Part II – Aircraft and Systems
- Part III – Normal Procedures

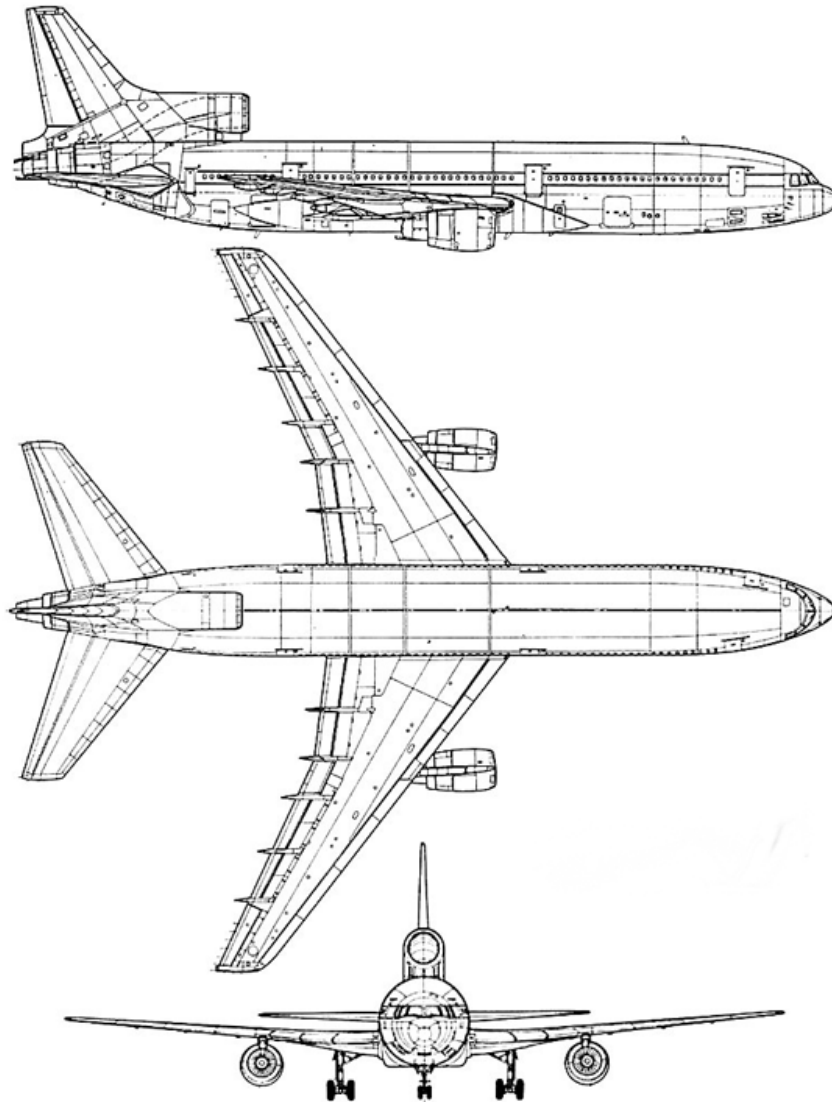
The Manuals are available free of charge [online](#).

THIS MANUAL IS SUPPLEMENTAL TO THE ['1011 CAPTAIN' WEB SITE](#) WHICH WE HIGHLY RECOMMEND TO READ BEFORE USING THIS MANUAL.

1011 Captain FLIGHT MANUAL

CONTENTS

4	THE L-1011-1 AIRCRAFT
5	1011 CAPTAIN BASE PACK
5	SPECIFICATION
5	INSTALLATION
6	UNINSTALLATION
6	EXTERIOR MODEL
6	ANIMATIONS
8	MISC FEATURES
9	VARIOUS AIRLINES UNIFORMS
10	PRE-MAVED VIEWS
11	INTERIOR (VIRTUAL COCKPIT)
11	<u>FLIGHT DECK</u>
11	ANIMATIONS
12	VC 3D ANIMATIONS (SWITCHES, BUTTONS, KNOBS ETC) CONTROL STANDARDS
12	CLICKABLE AREAS
13	LIGHTING
13	MISC FEATURES
14	PRE-MAVED VIEWS
15	<u>2D PANELS</u>
15	SIMICONS PANEL
15	INS CONTROL DISPLAY UNIT 2D PANEL
16	ANIMATION CONTROL PANEL
16	<u>SYSTEMS</u>
17	ACE (AIRCRAFT CONFIGURATION EDITOR) UTILITY
17	<u>'FLEET' TAB</u>
17	INSTALLED
18	'ADD NEW' BUTTON
19	<u>'PREFLIGHT' TAB</u>
20	REPAINT KIT
22	1011 FREIGHTER EXPANSION MODEL
22	SPECIFICATION
22	INSTALLATION
22	UNINSTALLATION
23	<u>2D PANELS</u>
23	ANIMATION CONTROL PANEL
24	LOAD MANAGER
26	CUSTOMER CARE

DO NOT USE FOR FLIGHT**THE L-1011-1 AIRCRAFT**

The L-1011-1 (FAA certification L-1011-385-1) was the first production model of the L-1011, designed for short and medium-range flights. This variant served as the basis for subsequent variants. This type was purchased by Air Canada, ANA, Cathay Pacific, Eastern and other operators with regional trunk routes requiring a widebody aircraft.

The L-1011-1 was first delivered to Eastern Air Lines on April 5, 1972. A total of 160 L-1011-1 TriStars were built before production ended in 1983, although the majority of these, 119 or 75% of the total, were completed during a four year period between 1972 and 1975. Most sales of the L-1011-1 were to US operators with just three airlines, Delta, Eastern, and TWA taking delivery of 110 combined. A further two aircraft were placed with a fourth US airline, Pacific Southwest Airlines.

1011 Captain



SPECIFICATION

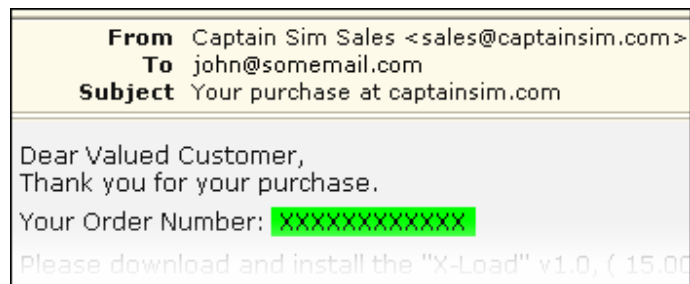
The 1011 Captain is available exclusively as a download in Online Store at www.captainsim.com

File Name: csl112_XX00.exe

Size: ~296 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.

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 '1011 Captain' to your MSFS.
- Upon installing the models will appear as 'L-1011' under 'Lockheed' 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 > 1011 Captain >

UNINSTALLATION

Click START > Programs > Captain Sim > 1011 Captain > Base Pack > Uninstall

EXTERIOR MODEL

The product delivers highly detailed and accurate digital replica of L-1011-1 exterior model.

ANIMATIONS

The model features hundreds of realistic animations:



Aft cargo door



Engines #1 and #3 reversers



Aft cargo door



Wing slats (4 sections)



Passenger doors (4)



Forward cargo door



Engine intake covers (2)



Engine #2 cowling



Engines #1/3 cowlings (L-R)



Wheel chocks (6)



Plugs (4)



Compressor blades

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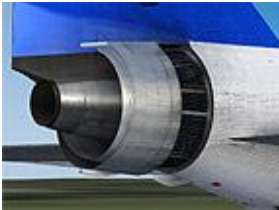
Pilots (show/hide)



Service access doors



Escape slides (8)



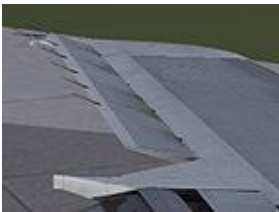
Engine #2 reverser



Right outflow valve



Left outflow valves (2)



Outboard ailerons (2)



Inboard ailerons (2)



Nose wheel steering



Nose landing gear



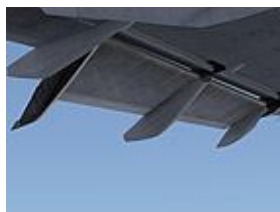
Landing gear doors (10)



Landing gears (2)



Spoilers (8 sections)



Wing flaps (4 sections)



Service doors (8)



Elevators (2)



Rudder



Emergency exit

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Radome



Radar antenna



Stewardess



Stabilizer

MISC FEATURES



Transparent windows



Logo light



Light bloom



Self-shade



Wing flex

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VARIOUS AIRLINES UNIFORMS



Trans World Airlines



Cathay Pacific Airways



Eastern Air Lines



All Nippon Airways



LTU



Air Transat



Saudia Airlines



British Airways



Air Canada



Delta Air Lines



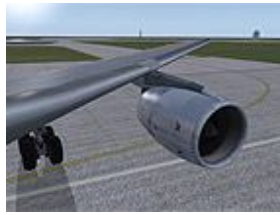
Air Canada (old)

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PRE-AVED VIEWS



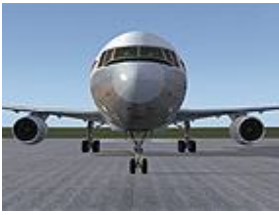
Right side window



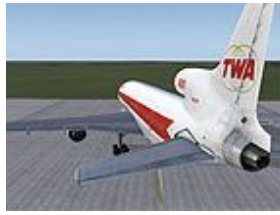
Left side window



Landing gear



Nose



Tail



Right wing



Left wing

INTERIOR (VIRTUAL COCKPIT)

The product delivers highly detailed and functional flight deck.

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

ANIMATIONS

Hundreds of custom animations:



Wipers (2)



Control wheels and columns (2)



Emergency exit



Seat arm rests (5)



Pedals (4)



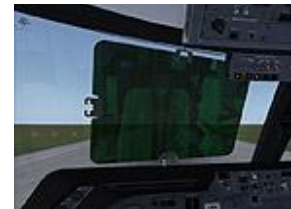
Pilot's seats up-down adjustment (2)



Nose wheel tillers (2)



Pedals position adjustment handles (2)



Removable fwd sun shields (2)



Windscreen paper chart (2)



Pilots' windows paper charts (2)

In addition to the above:

- Switches (180)
- Guarded Switches (39)
- Buttons (298)
- Selectors (46)
- Knobs (80)
- Levers (9)

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

VC 3D ANIMATIONS (SWITCHES, BUTTONS, KNOBS ETC) CONTROL STANDARDS

1. Two-positions controls - left click or mouse wheel.
2. Multi-position controls:
 - Counterclockwise/decrease - left click or mouse wheel DOWN (towards).
 - Clockwise/increase – right click or mouse wheel UP (outwards).
3. Three-position controls with middle spring-back position:
 - Down/left - left click or mouse wheel.
 - Up/right – right click or mouse wheel.
4. Levers and other click-n-drag controls:
 - Decrease - left click+drag or mouse wheel.
 - Increase - right click+drag or mouse wheel.
5. For some selectors:
 - Pull up - middle mouse button click (if the feature is modeled).

CLICKABLE AREAS

The most of animated objects' clickable areas are very straight forward (just click, roll or drag what you see). But some objects might need some extra explanations (click area is shown in blue):



Show-hide windscreen paper chart (2)



Show-hide pilots' windows paper charts (2)



Show-hide sun shields (2)

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

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LIGHTING



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

MISC FEATURES

Self shade

The self shade works in DirectX 10 mode only.



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PRE-MAVED VIEWS

Flight Simulator Menu > Views > View Mode > Cockpit > Virtual Cockpit then cycle A key or press S key until you get virtual cockpit view then cycle A key.



Captain's seat



Autopilot and engine gauges



Overhead



Pilot's center console



Second Officer's Lower Panel



Second Officer's Upper Panel



First Officer's seat

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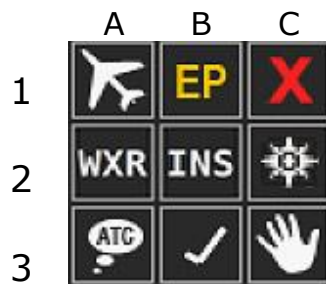
2D PANELS

For better usability the following 2D panels are included:

- Animations Control
- Weather radar screen

SIMICONS PANEL

Press Shift+2 to show/hide the panel.



The icons legend:

- 1A – Animations control
- 1B – External Power Control*
- 1C – Exit the Simicons panel
- 2A – Weather Radar
- 2B – INS
- 2C – Map
- 3A – ATC
- 3B – Kneeboard
- 3C – Simicons panel drag area

Keys

- Shift+3
-
- Shift+2
- Shift+5
- Shift+4
- Shift+6
-
- Shift+F10
-

* By default no external power connected.

- EP icon first click connects primary external power.
- EP icon second click connects secondary external power.
- EP icon third click connects both (primary and secondary) external power.
- EP icon fourth click disconnects all external power.

INS CONTROL DISPLAY UNIT 2D PANEL

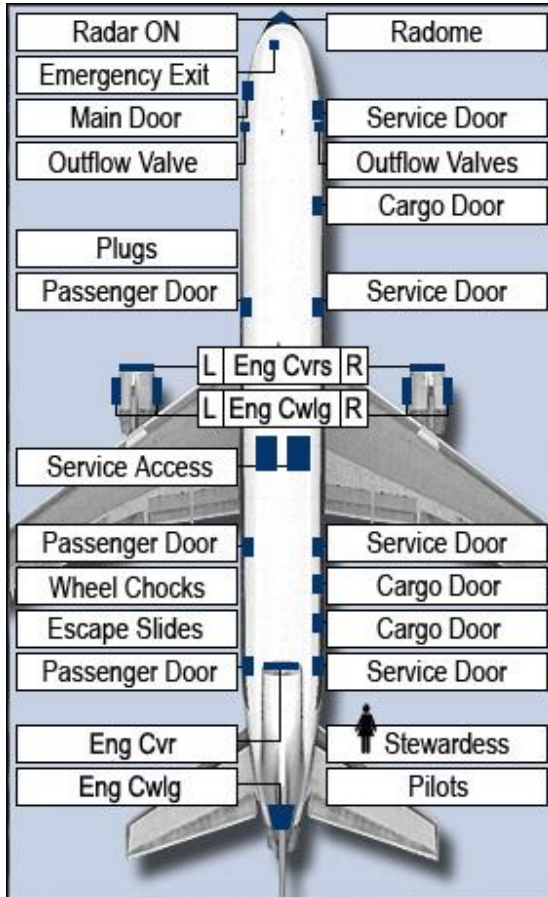


See FLIGHT MANUAL Part II – Aircraft Systems for details.

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ANIMATION CONTROL PANEL

Press Shift+2 to show/hide the panel.



Click any white button to control animations of the Exterior Model.

Notes:

- You cannot put the ENGINE COVERS if the engines are running.
- The following animations are INOP inflight:
 - Passenger doors
 - Service access
 - Cargo doors
 - Plugs
 - Radome
 - Wheel chocks
 - Escape slide
- You cannot hide PILOTS if the engines are running.
- You cannot inflate ESCAPE SLIDE if the doors are closed.

Animations hotkeys:

Main Door - Shift+E+1

Forward Cargo Door - Shift+E+3

Aft Cargo Door - Shift+E+4

SYSTEMS

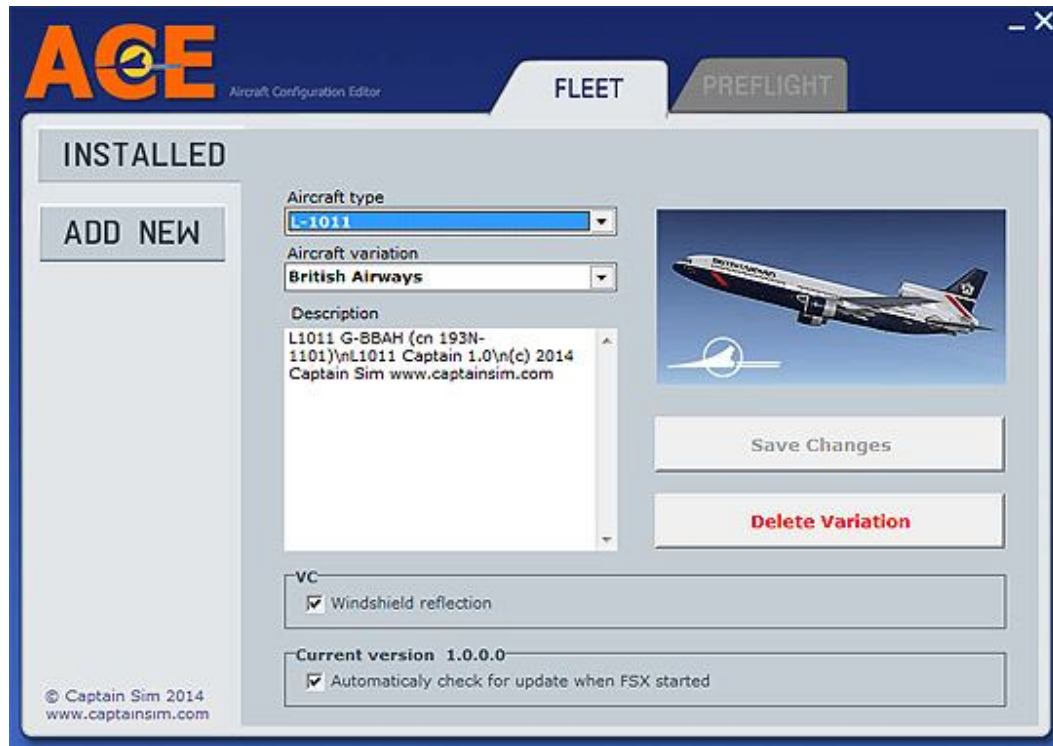
See *FLIGHT MANUAL Part II – Aircraft Systems for details.*

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ACE (AIRCRAFT CONFIGURATION EDITOR) UTILITY

FLEET TAB

INSTALLED



The INSTALLED tab helps you to manage existing (installed) '1011 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 '1011 Captain' fleet. **No backup copy will be saved.**

WINDSHIELD REFLECTION

Tick the box if you want to add/remove windshield reflection.

CHECK FOR UPDATES

Current version number is shown. Tick the 'Automatically check for update when Flight Simulator started' box if you want to enable automatic check.

Press SAVE CHANGES to save all settings.

'ADD NEW' BUTTON

The ADD NEW button helps you to add new '1011 Captain' livery.

HOW TO ADD NEW LIVERY?

1. Make sure Flight Simulator is not running.
2. Download and unzip new '1011 Captain livery' archive to any folder.
3. Make sure all textures *.dds files, *description.txt* and *thumbnail.jpg* files are located in one folder. NO SUBFOLDERS!

Note: If no *description.txt* and *thumbnail.jpg* files found, ACE will add default ones.

4. Start ACE: START > PROGRAMS > CAPTAIN SIM > 1011 Captain > ACE.

6. Press 'ADD NEW' button.

7. Find the folder and select *description.txt* file. Click OPEN. You will see a window with all information about the livery you are going to add.

Note: If no *description.txt* found, select any *.dds or *.txt file. In this case the livery will be added as Unknown Free Livery. You can rename it later.

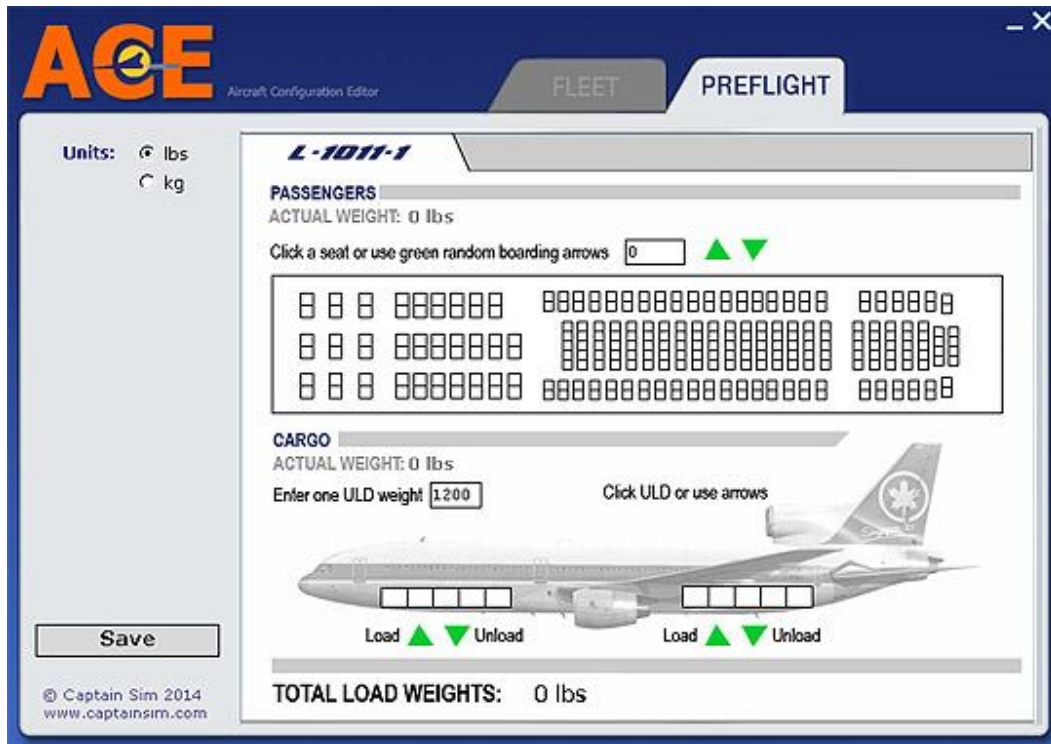
8. Press OK button. The new livery will appear in Flight Simulator under Lockheed manufacturer, CAPTAIN SIM publisher.

'PREFLIGHT' TAB

Use for payload settings of the L-1011.

Note:

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



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 Flight Simulator default utilities.

Press 'SAVE' Button. Load settings apply to L-1011 model.

REPAINT KIT

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

1. DOWNLOAD 1011 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
- L-1011 texture files must be in DDS format as follows (DXT1, no ALPHA):

CS_L1011_01_T.dds
CS_L1011_02_T.dds
CS_L1011_03_T.dds
CS_L1011_04_T.dds
CS_L1011_05_T.dds
CS_L1011_06_T.dds
CS_L1011_07_T.dds
CS_L1011_08_T.dds
CS_L1011_09_T.dds
CS_L1011_19_T.dds

3. CREATE DESCRIPTION.TXT

Do not modify text shown in bold font!

Do not type text shown in grey.

ui_type = one of the following:

L-1011
L-1011 Freighter

ui_variation = Unique variation name. Should include full name and year when the livery was current AND repaint artists' initials. For example: Lufthansa 2000 JS

description = **1011 Captain** (Your description of the livery). **Free livery, repaint by** Your Name. E-mail address is recommended. \n (c) 2014 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:

```
ui_variation= British Airways
description=1011 Captain (British Airways). Free livery, repaint by John Smith. \n (c) 2014 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.

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

5. TEST NEW LIVERY IN MSFS

Try to add your livery to MSFS.

6. UPLOAD THE NEW LIVERY ZIP TO ANY HOSTING SERVER.

7. PUBLISH NEW LIVERY

Please [check-in](#) to Your Profile, click Product name link, then Get Free Liveries link. On the page click 'Got a new livery or mod? Publish it here' link.

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

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.

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1011 Freighter Expansion Model

Expansion for 1011Captain base pack.

The 1011 Captain base pack required.

Delivers highly detailed and accurate digital replica of Lockheed 1011 Freighter aircraft. This part of the manual describes the 1011 Freighter Expansion Model specific features only.

SPECIFICATION

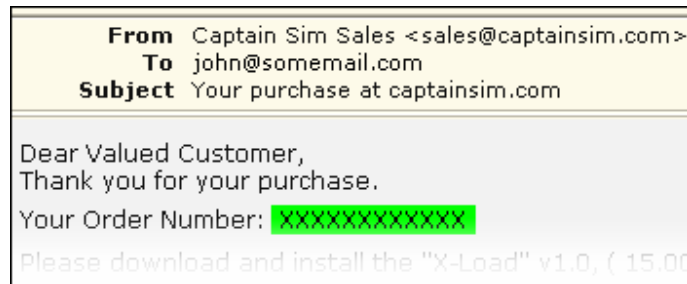
The 1011 Freighter Expansion Model is available exclusively as a download in Online Store at www.captainsim.com

File Name: csl114_XX00.exe

Size: ~37,4 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.

Note:

- YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.
- ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.

DO NOT USE FOR FLIGHT

- The installation software will automatically add the '1011 Freighter' to your MSFS or P3D.
- Upon installing the models will appear as '1011 Freighter' under 'Lockheed' manufacturer, 'Captain Sim' publisher in the MSFS/P3D aircraft selection menu.
- Links to Support, Updates, Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 1011 Captain >

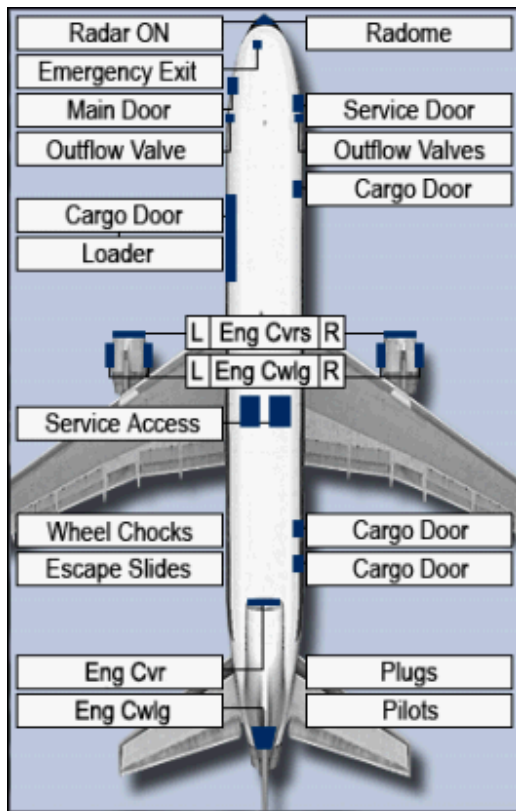
UNINSTALLATION

Click START > Programs > Captain Sim > 1011 Captain > 1011 Freighter Expansion model > Uninstall

2D PANELS

ANIMATION CONTROL PANEL

Press Shift+3 to show/hide the panel.



Click any white button to control animations of the Exterior Model.

Notes:

- You cannot put the ENGINE COVERS if the engines are running.
- The following animations are INOP inflight:
 - Service access
 - Main door
 - Cargo doors
 - Plugs
 - Aft access door
 - Radome
 - Ground power hatch
 - Fwd equipment center
 - APU cowling
 - APU intake
 - Wheel chocks
 - Escape slides
 - Stabilizer compartment access door
- You cannot hide PILOTS if the engines are running.
- You cannot inflate ESCAPE SLIDES if the doors are closed.
- You cannot show LOADERS inflight.

Animations hotkeys:

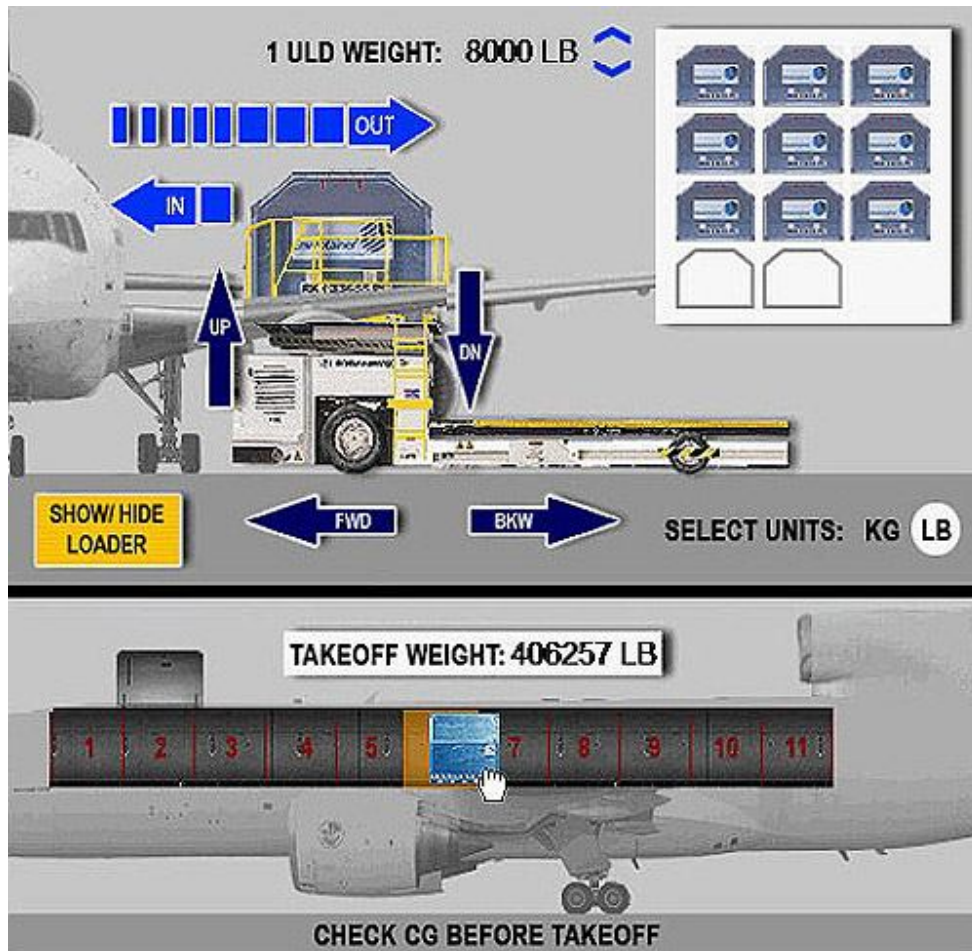
Main Door - Shift+E+1

Forward Cargo Door - Shift+E+3

Aft Cargo Door - Shift+E+4

DO NOT USE FOR FLIGHT**LOAD MANAGER**

Two Load Manager Control panel provides real-time operation of the aircraft cargo management. Use 'ANIMATION CONTROL PANEL (Shift+3) to show/hide Load Manager panels.

LOADING PROCEDURE**1. SELECT UNITS**

Click to select kilograms or pounds for both main deck and lower deck loaders.

2. CALL THE LOADER

Click SHOW/HIDE LOADER button to show/hide the loader model.

3. SET AN ULD WEIGHT

Click 1 ULD WEIGHT arrows to increase/decrease an ULD weight. Step is 100 units. All ULDs will have the same weight. Maximum ULD weight is 90000 pounds (40860 kilograms).

4. LOAD ULD ON THE LOADER

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

5. DRIVE THE LOADER

Click FWD/BKW arrows to drive the Loader to and from the aircraft/loading area.

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Note:

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

6. LOADER LIFT

Click UP/DN arrows to move the lift up or down.

7. MOVE AN ULD IN OR OUT

Click IN/OUT arrows to move an ULD in/out of the aircraft.

Note:

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

8. MANAGE THE ULDS ON THE CARGO DECK

As soon as an ULD is loaded into aircraft it is ready for cargo deck management. You can drag the ULD and drop it to any of available spots using left mouse button. The utility performs all calculations automatically. The aircraft weight, CG and visual appearance get updated realtime according to the calculation.

Note:

Check CG and trimmer position before takeoff.

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CUSTOMER CARE

FORUM

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

DAILY NEWS

For Captain Sim *daily* news please follow us at [Twitter](#), [Facebook](#) and [Google](#)

VIDEO CHANNEL

Please watch our YouTube [channel](#)

TECH SUPPORT

The '1011 Captain' is the most advanced, complete and accurate digital replica of the 1011 ever made 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.

SPECIAL THANKS TO

Mark Fletcher
Ron Horn
Lou Thieblemont