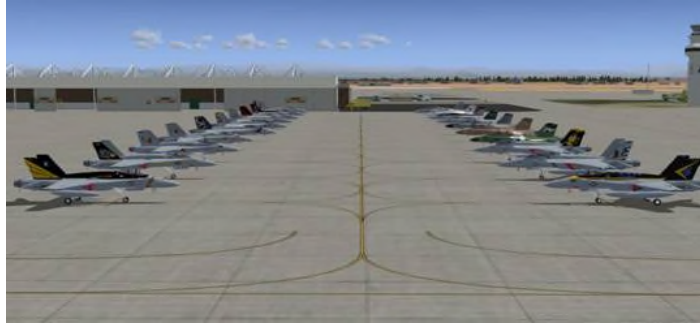


NOTE: If you receive a security warning, the "active content" used in this file enables the internet and document hyperlinks. To allow this, click the security banner (if present) and click "allow blocked content."



### **Military AI Works NAS Lemoore V2 Complete AI Package**



**Version: 2.0**  
**For FS 2004 / FS9**  
**Initial Release: May 2010**  
**Project Manager: Mark Campbell**

This freeware AI package, produced by [Military AI Works](#) contains all Sixteen squadrons based at NAS Lemoore as of November 2009, which are assigned to the Carrier Air Wing CVW-2 USS Abraham Lincoln, Carrier Air Wing CVW-9 USS John C Stennis, Carrier Air Wing CVW-11 USS Nimitz, Carrier Air Wing CVW-14 USS Ronald Reagan and also three land based squadrons. Included is individual Carrier Wing and land based squadrons flightplans, custom scenery from John Stinstrom for NAS Lemoore as well as custom Afcads and Voicepacks. **Note** NAS Lemoore will never have all 16 squadrons on the ground together in real life due to carrier deployments, so we have provided individual squadron traffic files so you can pick and choose how many squadrons you want on base at any time.

This is version 2 of this package which fixes several issues that were found in the original release of this package.

**IMPORTANT:** If you have already installed the original MAIW Special Use Mentors Package, originally released in August of 2008, then there are two files which you **must** delete for this new package to display the scenery correctly, please see below for details.

Program Files/Microsoft Games/Flight Simulator 9/Addon Scenery/MAIW NAS Lemoore (KNLC)/scenery/Lemoore Landclass.bgl **←Delete this file.**  
Program Files/Microsoft Games/Flight Simulator 9/Addon Scenery/MAIW NAS Lemoore (KNLC)/scenery/MAIW\_AF2\_KNLC\_Custom.bgl **←Delete this file.**

Note: As of the release of the **MAIW NAS Lemoore V2 package**, this original **MAIW Special Use Mentors Package** is no longer available for download, it has been replaced by an updated version 2 to ensure that the scenery files are exactly the same between these two packages.

**IMPORTANT:** If you have already installed the **MAIW Special Use Mentors V2 package** then the custom scenery components for NAS Lemoore from these two packages are exactly the same. However you should be aware that the auto installer **WILL** overwrite the current NAS Lemoore scenery files as long as you have not altered the associated folder names in any way.

This should result in no visible changes to your setup **UNLESS** you have made modifications to these files on your own. If you **DO NOT** want the auto installer to overwrite you current NAS Lemoore scenery files, we recommend selecting a different directory to install this package into, we would suggest a temporary folder and then manually installing the package's components one at a time.

There are several different waypoint AFCAD files for each package so please make sure that all of those files from each package get installed into their correct folder. They are located in the FS9/Addon Scenery/Scenery folder.

Also for your added enjoyment of this package it is recommended you download and install **carr2006.zip** which can be found on [Flightsim.com](http://Flightsim.com). If you choose to do this there is an optional Traffic file included to add 3 Static aircraft to the USS Abraham Lincoln. The AI from NAS Lemoore will also use the USS Abraham Lincoln to perform wave off approaches. At this time there is no true wet aircraft FDE ready for the NBAI F/A-18 so proper carrier operations is not yet possible.

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## 1. About MAIW

Military AI Works (MAIW) is a loosely affiliated, international group of flightsim enthusiasts who share the common goal of seeing realistic military AI traffic in MS Flightsim. Our goals:

- 1) Produce only high-quality, freeware packages and products
- 2) Create military AI traffic accurately within the bounds of MS Flightsim
- 3) Promote new freeware military AI models, scenery and products
- 4) Advance military AI modeling of countries around the globe
- 5) Respect the rights of designers and contributors

To learn more about MAIW or to become a contributor, visit our website at <http://militaryaiworks.com/>.



## 2. Credits

### AFCADs:

- Desmond Burrell
- Paul Stevens
- John Stinstrom
- Mark Campbell
- Tony Dalton

### Custom Scenery and Objects:

- John Stinstrom
- IFLOLS Meatball Scenery Macro, Copyright 2007 by Marcel Ritzema. Used with permission

### Models:

- Nick Black NBAI

### Repaints:

- Graham King
- Lewis Magruder
- Aaron Haase

### FDE/Effects:

- Mike MacIntyre
- Nick Needham
- Steve Holland

Voicepacks:

- Desmond Burrell
- Mark Campbell
- Stewart Pearson

Flightplans:

- Mark Campbell

Beta Testing:

- Steve Holland
- Tony Dalton
- Lewis Magruder
- Edith Black
- Nick Black
- Matthew Ciao
- Willy Elliker
- Les Heinke

Real World Base Information:

- LCDR Bryan "Rolex" Ramsey



### 3. Units Included in this Package

<p><a href="#">CVW-2 USS Abraham Lincoln</a></p>	<p><a href="#">VFA-2</a></p>	<p><a href="#">VFA-137</a></p>	<p><a href="#">VFA-151</a></p>	
<p><a href="#">CVW-9 USS John C Stennis</a></p>	<p><a href="#">VFA-154</a></p>	<p><a href="#">VFA-146</a></p>	<p><a href="#">VFA-147</a></p>	
<p><a href="#">CVW-11 USS Nimitz</a></p>	<p><a href="#">VFA-14</a></p>	<p><a href="#">VFA-41</a></p>	<p><a href="#">VFA-97</a></p>	



## 4. Installation

### Step 1) Install this package

1) Install the package in accordance with the on-screen prompts

### Step 2) Remove duplicate AFCAD files

Open your "Flight Simulator 9/Addon Scenery/scenery" folder and remove any previously installed AFCAD's for the following airports (e.g. "AF2\_XXXX.bgl," "AF2\_XXXX\_DEFAULT\_XX.bgl" or "PAI\_AF2\_XXXX\_DEFAULT.bgl") NOTE: LEAVE ALL AFCADS BEGINNING WITH "MAIW" as they were installed with step 1:

KNLC  
KNSI  
KNUC

NOTE: Failure to remove these duplicate files may result in problems with AI aircraft parking and operation. It is recommended you move these to a temporary folder instead of deleting them; however, you should not need them again as the AFCADs included in this package are thoroughly researched and highly detailed. If you are using add-on scenery for one of the above airfields, it is recommended you do NOT remove the AFCAD for the add-on scenery, but instead remove the MAIW AFCAD file (e.g. MAIW\_XXXX\_DEFAULT.bgl) after installation.

### Step 3) Install callsign voicepacks

3a) If you don't have the EditVoicepack 3.1 freeware installed, download it and install it by [clicking here](#).

3b) Run EditVoicepack and import all vcpmo files included in with this installation

3c) Choose "Import" from the "File" menu

3d) Find the folder "Flight Simulator 9/Military AI Works/USA/USN/NAS Lemoore/Voicepack Callsigns" in the "Look in:" window

3e) Click "open" for each file

1ABE, Bullet, Falcon, Switch, Black Knight, Diamond, Jason, Camelot, Fast Eagle, Warhawk, BEEF, FIST, STINGER, TALON, EXPERT, HOBO, RAIDER, 2LSV, 3LSV, 4LUF, 5LSV, BG02, MA10, MA11, MA31, MAI6, MAI7, MAI8, MAI9, NR6A, NR61, NR64, MAI6, MA13

3f) Update the Voicepack for FS9 by choosing "Update Voicepack" from the "File" menu—ensure the "Custom/Callsigns" box is checked in the left hand window. (note: the update may take a few minutes—do not attempt to start FS9 until the update is complete. Look for "Ready" in the lower left corner)

3g) When ready press save to keep the modifications

#### Step 4) Scenery Installation:

Included in this package is the excellent freeware scenery for NAS Lemoore by John Stinstrom. This scenery will be automatically placed into the correct directory for installation when you install this package.

1) The folders "MAIW NAS Lemoore (KNLC)", "MAIW Scenery Library Objects" and "MAIW Land Class" have already been installed into the "Addon Scenery" folder of your FS directory. In order to activate this scenery you must start FS9, go to Settings and find the Scenery Library.

2) Click on "ADD AREA" and navigate to the "MAIW NAS Lemoore (KNLC)", "MAIW Scenery Library Objects" and "MAIW Land Class" folders which should be, by default after installation, located in "Flight Simulator 9\Addon Scenery". **\*\*\*Note it is important that you place the "MAIW Land Class" folder and "MAIW Scenery Library Objects" folder as far down your addon scenery list as possible by using the Move Down button. Ideally they should be lower than any other scenery you may have added and just above the default FS9 scenery libraries. The "MAIW Land Class" folder should be below the "MAIW Scenery Library Objects" folder. This will assure that you do not have any missing scenery or land class.**

3) Shut down FS and then when you restart the scenery will be installed and ready to use.

***That's it! You've successfully installed this package. Your AI traffic files will be automatically updated the next time you run FS9***



## 5. Troubleshooting

### Problems addressed:

["I've installed the package, but there are no Military AI aircraft at the airports"](#)

["When I go to an airport, there are AI planes parked on top of one another"](#)

["I can't find the aircraft in the aircraft selection menu"](#)

["When the Military AI planes talk to ATC, they use only numbers, not callsigns"](#)

["I'm following the Military AI aircraft, and they won't come back for touch-and-gos"](#)

**Problem: "I've installed the package, but there are no Military AI aircraft at the airports"**

Potential issue: FS9 AI traffic density set too low

Fix action: In FS9, set the AI traffic density slider to at least 10%.

**Problem: "When I go to an airport, there are AI planes parked on top of one another"**

Potential issue: Multiple AFCADs active for the same airport

Fix action: Using Windows Explorer, open the folder "Flight Simulator 9\Addon scenery/scenery." Look for duplicate entries for the following airport identifier:

KNLC  
KNSI  
KNUC

Files may be named in several ways. The most common are "AF2\_KXXX.bgl," "AF2\_KXXX\_DEFAULT\_XX.bgl" and "PAI\_AF2\_DEFAULT.bgl." Keep the file names starting with MAIW and remove all others with duplicate airport identifiers.

**Problem: "I can't find the aircraft in the aircraft selection menu"**

Issue: These are AI aircraft and have been programmed to not show up in the flyable aircraft selection menu

Fix action: If you simply must select these aircraft, use an editing program such as AirEd and change the Aircraft type from "2" to "0"

**Problem: "When the Military AI planes talk to ATC, they use only numbers, not callsigns"**

Potential issue: Callsign Voicepacks were not installed correctly

Fix action: Run the EditVoicepack software. Look for the following callsigns in the "custom modifications/callsigns" section of the program:

1ABE, Bullet, Falcon, Switch, Black Knight, Diamond, Jason, Camelot, Fast Eagle, Warhawk, BEEF, FIST, STINGER, TALON, EXPERT, HOBO, RAIDER, 2LSV, 3LSV, 4LUF, 5LSV, BG02, MA10, MA11, MA31, MAI6, MAI7, MAI8, MAI9, NR6A, NR61, NR64, MAI6, MA13

If any of these are missing, choose "File/import" and open the appropriate .vcpmo file in the folder:-

Flight Simulator 9/Military AI Works/USA/USN/NAS Lemoore/Voicepack Callsigns

Once this is complete, or if all callsigns are present, ensure the "Custom/Callsigns" box is checked in the left hand window and choose "File/Update Voicepack" to install them into FS9 (this may take a few minutes, do not open FS9 until the lower left of the EditVoicepack screen says "Ready.")

### **Problem: "I'm following the Military AI aircraft, and they won't come back for touch-and-gos"**

Potential issue: You're following your AI aircraft

Fix action: Stop following your AI aircraft. For some reason, a watched AI aircraft does not always behave the way it is programmed to. If you wait for the aircraft at the airport, it will arrive on schedule



## **6. Notes and Resources**

This package was built by the [Military AI Works](#) online community. If you are interested in making Military AI traffic more realistic, visit this site!

### Flightplans:

The flightplans are fictional, but have been researched via Internet and message forums. We have tried to make the plans as "realistic" as possible and have had to use our own judgment

All flightplans were created using Notepad.

Flightplans were installed using Lee Swordy's [TrafficTools](#) freeware traffic compiler.

### Callsigns:

The callsigns used in this package are actual callsigns used by these units, based on information obtained in manuals and on internet.

All callsigns were created using the ingenious [EditVoicepack](#) freeware. This program is extremely simple and fun to use—if you need a new AI callsign, give it a try!

### AFCADs:

AF2 files for waypoints in this package were created using Lee Swordy's [AFCAD v2.21](#).

AFX file for KNLC was created using Flight 1 Software's Payware Airport Facilitator X ([AFX](#))

**Note: We do not recommend you try to open AFX files using AFCAD v2.21; the two applications are not fully compatible with each other when editing and you may lose data created by AFX if opened with Afcad.**



## **7. Permissions and Disclaimers**

### Adverse Effects:

The contents of this package should not adversely affect your FS9 or computer operation if installed according to the instructions. The authors make no guarantee and bear no responsibility for adverse operation or lost/overwritten files on your computer.

### Use of Contents:

THESE FILES MAY ONLY BE UPLOADED TO AVSIM or FLIGHTSIM.COM BY THE AUTHOR(S)

THESE FILES MAY NOT BE UPLOADED TO ANY OTHER SITE WITHOUT THE AUTHOR'S WRITTEN PERMISSION. THESE MODELS, REPAINTS AND FLIGHTPLANS ARE FREeware AND MAY NOT BE SOLD, OR PUT ON ANY SITE THAT CHARGES FOR DOWNLOADING FREE FILES. THE FILES FOUND IN THIS ARCHIVE MAY NOT BE DISTRIBUTED ON CD OR ANY MEDIUM FOR ANY KIND OF FEE, INCLUDING THE COST OF PRODUCTION, MATERIALS OR POSTAGE. THE MODELS, REPAINTS AND FLIGHTPLANS OWNERSHIP REMAIN WITH THE AUTHORS AS MENTIONED IN THE PACKAGE

Upload to FSPLANET.com will never be allowed by Military AI Works.

Any questions, suggestions and feedback on the contents may be directed to the forums at <http://www.militaryaiworks.com/>

Sources:

All information used to create this package was obtained via online, open-source research and firsthand accounts from active duty service members. All flight plans and schedules, while reasonable for military units, are fictional.

