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***Military AI Works United States Navy & United States Marine Corps Airliners Complete Package***



**Version: 1.0**  
**For FS 2004 / FS9**  
**Initial Release Date: Aug 2008**  
**Project Managers: Desmond Burrell**

This freeware AI package, produced by [Military AI Works](#), contains everything needed to fully activate the United States Navy's and United States Marine Corps fleet of C-40A, C-

9 and DC-9s in FS2004. Package contains repaints, AFCADs, flight plans and custom voicepack call signs for each squadron.

\*This package is intended to be used with our “USN USMC Herks Complete AI Package”  
<http://library.avsim.net/esearch.php?CatID=fs2004ai&DLID=102324>  
and our :Tomcat Sunset Package”

<http://library.avsim.net/esearch.php?CatID=fs2004ai&DLID=115572>

To use that package and the USN USMC Airliners Package together, you **MUST** delete the Cherry Point (KNKT) AFCAD that was installed with the USN USMC Herks package. This file is titled “MAIW\_AF2\_KNKT\_DEFAULT\_DK”, also delete the exclude files “MAIW\_Exclude\_KNKT\_1” and “MAIW\_Exclude\_KNKT\_2”. The Oceana AFCAD file included in this package will overwrite the older AFCAD included in the Tomcat Sunset package and was built to accommodate both packages along with any packages involving this base in the future.

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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 "Reconmercs" Burrell
- Duncan "CrazyDunc" MacKellar
- Dan "Deltab" Bourque
- John Stinstrom
- Steve Phillips

Models:

- C-40A(B737 AI Aardvark)
- C-9(DC9 AI Aardvark)

Repaints:

- Graham King

Voicepacks:

- Stewart Pearson

Flightplans:

- Desmond "Reconmercs" Burrell

Beta Testing:

- MAIW Beta Team



## 3. Units Included in this Package

<b>Squadron</b>	<b>Callsign</b>	<b>Aircraft</b>	<b>Home Base</b>	<b>Service</b>
VR-57	Navy Romeo X-Ray	C-40A	NAS North Island	US Navy
VR-58	Navy Juliet Victor	C-40A	NAS Jacksonville	US Navy
VR-59	Navy Romeo Yankee	C-40A	NAS Fort Worth	US Navy
VR-46	Navy Juliet Sierra	C-9B	NAS Atlanta	US Navy
VR-52	Navy Juliet Mike	C-9B	JRB Willow Grove	US Navy
VR-56	Navy Juliet Uniform	C-9B	NAS Oceana	US Navy

VR-61	Navy Romeo Sierra	C-9B, DC-9	NAS Whidbey Island	US Navy
VMR-1	Lobo	C-9B	MCAS Cherry Point	US Marine Corps



## 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:

KMGE  
 KNIP  
 KNFW  
 KNGU  
 KNKT  
 KNRA  
 KNTU  
 KNUW  
 KNXX  
 KNZY

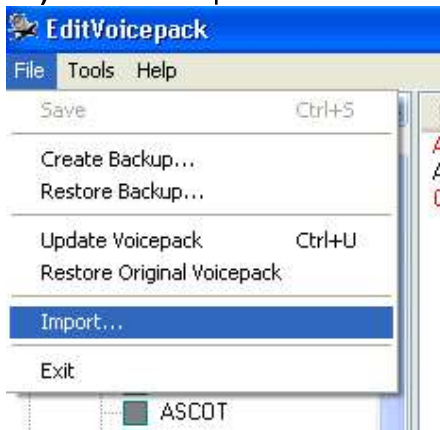
NOTE: Failure to remove these duplicate files may result in problems with AI aircraft parking and operation. It is recommended you move these to a temporary folder instead of deleting them; however, you should not need them again as the AFCADs included in this package are thoroughly researched and highly 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

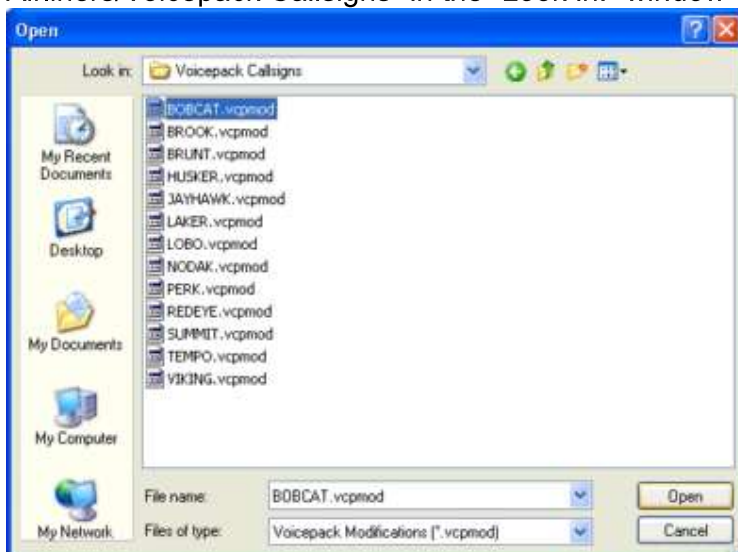
**3a)** If you don't have the EditVoicepack 3.1 freeware installed, download it and install it by [clicking here](#).

**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/USN Airliners/Voicepack Callsigns" in the "Look in:" window



**3e)** Click "open" for each file

LOBO, NAVY JM, NAVY JS, NAVY JU, NAVY JV, NAVY RS, NAVY RX, NAVY RY

**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) Activate MAIW Scenery**

While there is no MAIW custom scenery included in this package, but I strongly recommended that you download the NAS Whidbey Island scenery by John Stinstrom. This scenery was built with the intention of using this package with it and compliments this package very well and can be found on Avsim.com here:  
<http://library.avsim.net/download.php?DLID=102326>

I have included a modified AFCAD to allow you to use his scenery and this package in unison without any parking issues. This file may be found in the following directory:  
X:\Program Files\Microsoft Games\Flight Simulator 9\Military AI Works\USA\USN\USN Airliners\Optional Files

Once you have installed his scenery following the directions included in John's readme, go back into the scenery folder of the NAS Whidbey Island scenery and delete:

"Whidbey AF2\_KNUW.bgl"

replace it with "MAIW\_AF2\_KNUW\_Custom" found in the above stated optional files directory. Also in the optional files directory is another file that will add a custom air traffic control tower to the airfield, "EZ\_Whidbey\_Tower.bgl" drop this file NAS Whidbey Island scenery folder as well.

If you chose this option, you also need to remove the AFCAD and Excludes that the installer installed for the default NAS Whidbey Island airport. These are located in your Addon Scenery/Scenery folder and are titled:  
MAIW\_AF2\_KNUW\_DEFAULT

Questions concerning the actual NAS Whidbey Island scenery should be directed to John, any questions concerning the modified AFCAD can be directed to me via email or to the support forum for this package.

***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 60%.

**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:

KMGE  
KNIP  
KNFW  
KNGU  
KNKT  
KNRA  
KNTU  
KNUW  
KNXX  
KNZY

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:

[LOBO](#), [NAVY JM](#), [NAVY JS](#), [NAVY JU](#), [NAVY JV](#), [NAVY RS](#), [NAVY RX](#), [NAVY RY](#)

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/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:

All AFCADs were created using Lee Swordy's [AFCAD v2.21](#). This has got to be one of the finest freeware programs ever created. Want to add some AI parking to your local airport? AFCAD makes it fun!



## **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)

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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 [www.militaryaiworks.com](http://www.militaryaiworks.com).

#### **Sources:**

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

Hello Jackie

Hello Jackie

