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### ***Military AI Works CFB Trenton Complete AI Package***



**Version: 1.0.0**  
**For FS 2004 / FS9**  
**Project Manager: Desmond Burrell**

This freeware AI package, produced by Desmond Burrell in conjunction with [Military AI Works](#) depicts the CC-177, CC-150 and Beech 200 operations at Canadian Forces Base Trenton. Located in Ontario, Canada near the border with the United States,

CFB Trenton is the primary air mobility hub for the Canadian Armed Forces and is home to 8 Wing of the Royal Canadian Air Force.

**Attention UT(Ultimate Terrain) Users: during final testing of this package, some floating buildings were noticed near the southern part of the base, we were unable to find a fix. This should not affect non-UT users.**

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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://www.militaryaiworks.com>.

## 2. Credits

### AFD's:

- John Stinstrom
- Desmond Burrell

### Model:

- Project AI
- The Fruit Stand
- Henry Tomkiewicz

### FDE Design and Effects:

- John Stinstrom
- Nick Needham
- Henry Tomkiewicz

### Repaints:

- Graham King

### Flightplans

- Desmond Burrell

### Voicepacks

- Stewart Pearson

- Desmond Burrell

### Custom Scenery:

- John Stinstrom
- Mark Griggs
- Anthony Lynch
- Mathew Tompkins

\*Special Thanks to Peter Brown for updated information on CFB Trenton, without this support, this package would not have been possible.



## 3. Units Included in this Package

**429 Transport Squadron**  
**Aircraft: CC-177**  
**Callsigns: Bison/Canforce**



**437 Transport Squadron**  
**Aircraft: CC-150**  
**Callsigns: Husk/Canforce**



**Multi-Engine Utility Flight**  
**Aircraft: Beech 200**  
**Callsigns: N/A (aircraft are civilian contracted and use tail registration)**



## 4. Installation

### Step 1) Install this package

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

### Step 2) Remove duplicate AFD files

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

CYTR

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 AFD's included in this package are thoroughly researched and highly detailed

### 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 vcpmod files included in with this installation

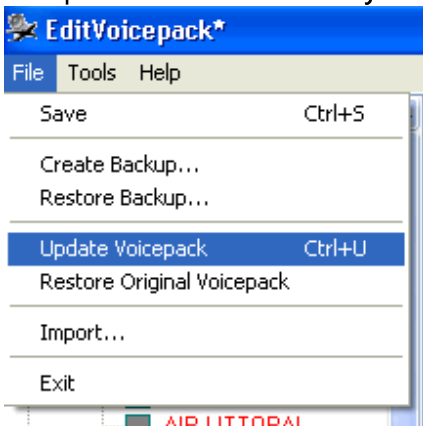
**3c)** Choose "Import" from the "File" menu

**3d)** Find the folder "Flight Simulator 9\Military AI Works\Canada\Canadian Armed Forces\CFB Trenton\Voicepack Callsigns"

**3e)** Select all files with Ctrl+A and click "open"

#### BISON, HUSK

**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

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

1) The folders "MAIW CFB Trenton (CYTR)", "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 CFB Trenton (CYTR)” “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 30%.

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

Potential issue: Multiple AFD's 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:

**CYTR**

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:

BISON  
HUSK

If any of these are missing, choose “File/import” and open the appropriate .vcpmo file in the folder: “Flight Simulator 9\Military AI Works\Canada\Canadian Armed Forces\CFB Trenton\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 based on real world operations. Aircraft in this package fly to bases that may need you to download a separate AFD for the aircraft to show up there, AFD's may be found at Avsim.com or Flightsim.com.

#### Callsigns:

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!

#### AFD's:

**\*\*\* Important\*\*\* It is highly recommend you do not open any files marked with "ADE" for editing with any application other than ADE9. You may and probably will lose some elements included in the AFD file!**



## 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 unclassified sources. All flight plans and schedules, while based on the real world training operations of this unit, are fictional.

Thanks to everyone who made this possible.

Hello Jackie

