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***Military AI Works Italian Tornado V.2 Package***



**6° Stormo "Alfredo Fusco" – Brescia-Ghedi (LIPL)**

**50° Stormo "Giorgio Graffer" – Piacenza San Damiano (LIMS)**



**Version: 1.0**  
**For FS 2004 / FS9**  
**Project Manager: Giorgio Perotti**

This freeware AI package, produced by [Military AI Works](#) contains everything needed to activate Brescia-Ghedi and Piacenza San Damiano Italian Air Force Base in FS2004. Brescia-Ghedi hosts 6° Wing "Alfredo Fusco", composed by 102°, 154° and 156° Squadrons, operating the Tornado IDS. Piacenza San Damiano "Giorgio Graffer", hosts 50° Wing composed by 155° Squadron operating the Tornado ECR. All of these units are included in this package. This package contains repaints, sceneries, AFCADs, flight plans and custom call signs for each depicted unit.

**NOTE:** This package is a complete replacement of the initial version of the Italian Air Force Tornado's package. Remove ALL parts of that package before attempting to use this new package.

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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

AFCADs:

- Giorgio Perotti, Giacomo Gramazio, John Stinstrom, MAIW team

Models:

- Tornado by Fernando Martinez

FDE and Effects Design:

- FDE: PAI
- Henry Tomkiewicz
- John Stinstrom
- Nick Black

Repaints:

- Chris A. Brown

Voicepacks:

- Stewart Pearson

Flightplans:

- Giorgio Perotti

Custom Scenery:

- Giorgio Perotti; Mark Campbell

Scenery Object:

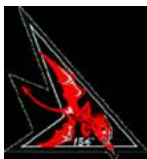
- Edith Black, John Stinstrom, Ted Andrews, Timothy Mayhew



## 3. Units Included in this Package



102° Gruppo OCU "Paperi"  
6° Stormo Ghedi (LIPL)  
Callsign: LUCE  
Tornado IDS dual control



154° Gruppo CBOC/S "Diavoli Rossi"

6° Stormo Ghedi (LIPL)  
Callsign: FRECCIA  
Tornado IDS



156° Gruppo CBOC/S "Le Linci"  
6° Stormo Ghedi (LIPL)  
Callsign: LINCE  
Tornado IDS



155° Gruppo ETS "Pantere Nere"  
50° Stormo Piacenza San Damiano (LIMS)  
Callsign: PANTE  
Tornado ECR



311° Gruppo Reparto Sperimentale Voło  
Pratica di Mare (LIRE)  
Callsign: SPERA  
Tornado IDS/ECR



Alenia Aeronautica  
Torino-Caselle (LIMF)  
Callsign "TORN"  
Tornado IDS/ECR



## 4. Installation

### Step 1) Install this package

1a) 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:

CFR1  
DA02  
DEC4  
DEC5  
EGY4  
GR05  
GR06  
GR08

K201  
KUW5  
LIED  
LIMF  
LIMS  
LIPL  
LIRE  
OET7  
OBK6  
PACH

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.bgf) 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

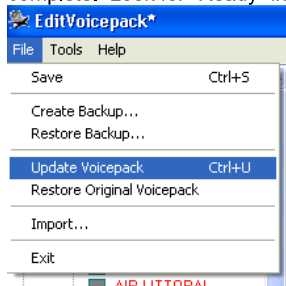
3c) Choose "Import" from the "File" menu

3d) Find the folder "Flight Simulator 9/Military AI Works/Italy/Italian Tornado V2/Voicepack Callsigns"

3e) Click "open" for each file

CAPA FRASCA RANGE  
CFR1  
FRECCIA  
LINCE  
LUCE  
PANTE  
SPERA  
TORN

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 Brescia-Ghedi (LIPL) and Piacenza San Damiano (LIMS). This scenery will be automatically placed into the correct directory for installation when you install this package.

1) The folders "MAIW Italian Bases" and "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 Italian Bases", "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 50%.

### **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:

CFR1  
DA02  
DEC4  
DEC5  
EGY4  
GR05  
GR06  
GR08  
K201  
KUW5  
LIED  
LIMF  
LIMS  
LIPL  
LIRE  
OET7  
OBK6  
PACH

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:

CAPA FRASCA RANGE

CFR1  
FRECCIA  
LINCE  
LUCE  
PANTE  
SPERA  
TORN

If any of these are missing, choose "File/import" and open the appropriate .vcpmo file in the folder:-  
"Flight Simulator 9/Military AI Works/Italy/Italian Tornado V2/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. Aircraft in this package fly to bases that may need you to download a separate AFCAD for the aircraft to show up there, AFCADs may be found at Avsim.com, Flightsim.com and the Project AI Afcad site

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](#) and/or Jon Masterson's [ADE9X](#). These have got to be two of the finest freeware programs ever created. Want to add some AI parking to your local airport? AFCAD or ADE make it fun!

**IMPORTANT NOTE: please only open ADE9 formatted AFD with Airport Design Editor. Opening the ADE9 formatted AFD with any other AFD program will lose important and needed data.**



## 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:

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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. All flight plans and schedules, while reasonable for military units, are fictional.

Thanks to everyone who made this possible.

Hello Jackie

