

PLEASE PRINT THIS OUT TO VIEW PROPERLY

Setup Procedures for all Aerodata Quantum+ Databases

These instructions are for both a "New Installation" AND a "Replacement of Database Installation". The first few paragraphs though relate only to those customers replacing their databases and there are further

references in this procedure that are only pertaining to a replacement of database.

Separate instructions for installing on a Windows 7 / 8 PC are included at the foot of the standard

instructions please ensure you include these instructions when installing on Win 7 or Win 8

If you are replacing your existing database

Before uninstalling your existing database, please ensure you have a backup of your loggings and your photographic records / flight logs.

The methods for doing this are covered later in these instructions in the help files.

Uninstalling your existing database (existing database users only)

1. Uninstallation is carried out by going into add/remove programs in control panel and remove the entries for "Aerodata Quantum + Database" telling it to "remove all"

Then remove the entry for Microsoft Access 2000 Runtime Version this is a MUST.

2. When this is done go into the drive where your database was installed, and remove the whole "Adqplus" folder, this will ensure removal of files which are no longer required.

3. If this is a replacement of an Access 2000 format database delete **either** the ART folder which is located in the C:\Program Files\Microsoft Office folder **or** ART2 which is located on the C: Drive.

4. As a double check go in to C:\Program Files and check to see if the Adsecure folder has been removed and also the Adaccess Folder also located in Program Files, if not please delete them both, this is now very important due to the change in database format (Access 2000).

5. Right after uninstallation, please reboot your machine, you may be prompted to do this by your PC anyway **BUT** even if you are not it is essential that you perform a re boot at this time.

After re booting a clean install will take place, as this CD includes ALL the correct files needed for the database to run.

After carrying out the instructions for the removal of the existing database, or if you are carrying out a new installation, install the database as follows:

1. Insert the CD and this will start the installation procedure automatically.

The first screen that you will see is where the Windows Installer is putting files in place, do nothing with this screen (it may disappear quickly or not appear at all and is only for information)

2. The next screen (blue background) will tell you which particular database is going to be installed and on that screen click **Next >**.

3. The next screen is an information screen - just click **Next >**.

4. The next screen is where you print out the installation instructions, once you have done that and you have the instructions to hand, click the "I have read the files" button and click **Next >**.

5. The next screen gives the Aerodata terms and conditions, which need to be read carefully.

Once you are happy with these, click **Next >**.

6. On the next screen enter your name (ignore the organization window) and click **Next >**.

7. The next screen gives you the opportunity to load the database to the C: drive in the Adqplus folder, if you want to change the drive, this is the screen that you need to change it on, so click the change button and change the drive to whichever drive you intend to use (this though must be C or D) but still using Adqplus as the folder it needs to create, then click **Next >**.

8. The next screen gives you all the information where the database will be installed, etc., if you need change anything in this just click Back, or if you are happy click Install.

9. The next procedure will depend on the speed of your computer but it is where all the files are copied onto your computer, just wait until that finishes until the next prompt.

During this process two icons will be placed onto your desktop (ADQ+ and ART) and at the end of this process, the last screen appears that says **click Finish** - just do as it says - **click finish**.

10. The next screen may prompt you to re-start your pc, please do this at this stage before carrying on with the rest of the set-up **even if the prompt does not appear**.

When your computer has re-booted, the next process is to install the access runtime program that the database will run on.

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Installing the Access 2000 Runtime Package

1. Double click on the "ART" shortcut icon that was created on the desktop during the main installation, this will launch the process to extract all the files into a temporary directory and at the end of this process will automatically launch the screen to install Access 2000.

NOTE: on Windows Vista you will need to right click the ART icon and tell the prompt to "run as Administrator".

At this stage wait a few seconds and look at the buttons that appear in front of you.

2. Click the "Customise" button. **DO NOT CLICK THE INSTALL NOW BUTTON.**

3. On the next screen click the Browse button.

4. On the next screen click the dropdown list and select Program Files and from the window select Adaccess so that the "folder path" at the base of the screen reads c:\Program Files\Adaccess\

5. Click OK and on the next screen click OK and on the next screen make sure the wording next to the install now button reads c:\Program Files\Adaccess\, if it does, click the install now button.

6. The next screen shows the progress of the installation, do nothing with this and at the end of the

installation you will get a message "Microsoft Access 2000 Runtime Set-Up Completed successfully" On that screen then click OK and this means that Access has been installed successfully.

7. The "ART" icon on the desktop that was created earlier can now be removed from the desktop.

8. Next go into c:\Program Files\Adaccess\Office and locate the Msaccess.exe file

Right click on this file and click on properties and on the window that appears, untick the "read only" box in the attributes at the foot of this screen and press the apply button and OK !!

The next part of the set-up is where we actually start setting up the database **(new installations only)** If this is a reinstall skip to **Setting up the database (on reinstallation of database)**

1. Double click on the Aerodata Icon that was created earlier.

You may have to compact the database before carrying on.

NOTE: on Windows Vista you will need to right click the ADQ+ icon and tell the prompt to "run as Administrator".

2. A prompt will appear stating "ATTEMPTING TO USE THE WRONG DATABASE FILE", click OK on this message box

3. Another window will appear which is asking for the location of the file to be pathed

To do this double click the C folder icon at the top of the list on the left hand side.

Scroll down the list then and locate the Adqplus folder and double click on that which will then show ADSM.mdb in the middle window, highlight that and click Save.

4. A new prompt will appear stating "ATTEMPTING TO USE THE WRONG MDW FILE", click OK on this message box

5. Another window will then appear which is asking for the location of the file to be pathed

To do this double click the C folder icon at the top of the list on the left hand side.

Scroll down the list then and locate the Windows folder and double click on that then locate the System 32 folder and double click on that, this then will show Aerodata.mdw in the middle screen, highlight that and click Save.

6. You will then need to set up the pathing to the runtime version of Microsoft Office 2000

7. Click on the button marked "Change Application

8. A new window will appear which says select drive and path for MSACCESS.EXE

On the LHS of this window double click the Program Files folder, then double click the Adaccess folder then double click the Office folder which will then reveal MSACCESS.EXE in the middle window, highlight this and click the save button

This will return you to the main Aerodata Log on screen and which is now waiting for you to enter the password.

Setting up the database (on reinstallation of database)

1. The normal log on screen you have been used to will appear.

2. On this screen click on the change application button

3. A new window will appear which says select drive and path for MSACCESS.EXE

4. On the LHS of this window double click the Program Files folder, then double click the Adaccess folder then double click the Office folder which will then reveal MSACCESS.EXE in the middle window, highlight this and click the save button.

5. All other pathing will remain as it was in your original database so no further setting up is required so go to the next section – (setting password)

Setting up your password

Into the password box **(if this is a "Replacement Installation")** type "RESETPASSWORD".

This will generate a lockout code 3, the database will close, you then need to reopen it and then carry on as per

the instructions below. **Do NOT do this if a first time install**

Into the password box **(if this is a "First Time Installation" or after typing RESETPASSWORD)** type "ADQUANTUMPLUS".

This will ask you to wait while the database checks the computer for any potential file conflicts.

Depending on the set up of your PC this could take a while, just be patient while the process completes this task.

At the end of this process, you will be presented with a registration code and told you cannot log in until you compact the database.

Before carrying out the compact, double click the string of letters next to the registration code and this will create a text file on your desktop, that file needs to be attached to an email which needs to be sent off to passwords@aerodata.org. Requesting a permanent password

Carry on with the rest of the routine by compacting the database and do this by clicking the button that says compact Aerodata Quantum now.

Depending on what system you are running you will get a warning message asking you to ensure that you have

got enough free space on your hard disk before compacting the database, please ensure that this space is available and click Yes.

You will be able to continue to get into your database by using the temporary "ADQUANTUMPLUS"

Until you receive your permanent password which will include instructions on how to apply this.

Finalising the set up

Once you are happy that your database is fully functioning, there is one other part of the database that remains

to be installed, this is Snapshot Viewer.

Snapshot Viewer is the default program required by Microsoft Access to enable printing from the database.

If you already have a full version of Microsoft Office complete with a full version of Access installed on your PC

then you will probably find Snapshot Viewer is already pre installed.

For those who do not have Office installed the installation program for Snapshot Viewer is included during the

installation of the database.

To check whether Snapshot Viewer is already installed and functioning correctly, open your database, go into the base or operator screen, click the operator button, select any operator from the dropdown list and

enter this by clicking the button next to the droplist window.

When the frames show in the right hand side of the window, click the print button at the base of the window. If Snapshot Viewer is correctly installed a printout will appear on the screen, if it is not, you will receive an error

message and you then need to install the program as follows :

To install Snapshot Viewer, click your start button on your taskbar and then click on All Programs.

You will find a new entry there for Snapshot Viewer, click this and then the flyout menu, and the installation will

start, just follow the on screen prompts to complete this installation.

If you have read these instructions and have them with you at every stage of the installation then I guarantee your installation will go without a hitch and therefore not take up valuable time on both parties if you have to ring

the Help Line, but if you do need help the number to ring is shown below.

Many Thanks

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Modified instructions for installation onto a Windows 7/8 PC

By default Windows 7/8 (64 bit) installs everything into a Program Files (x86) folder .

This is not straight forward though because of the different versions of Windows 7/8.

Firstly you need to identify which version you have, this is relatively simple.

Look on your C Drive to see if you have a Program Files (x86) folder, if you have your system is 64 bit, if you haven't then your system is 32 bit.

On a 32 bit Windows 7/8 installation you install Aerodata exactly as instructed by the instructions above.

You will find though that if you have your UAC (User Account Control) turned on, which is the default Windows sets, you will need to right click the ART and ADQ+ icons and run as administrator-allow etc for them to open correctly, you will receive an error 75 if you fail to do this !! So that leaves Windows 7/8 64 bit.

The installation is the same for the actual database, it will be installed on the drive you select (C or D) so initially install as per the instructions on the CD, up until the two icons are created on the desktop.

The changes to the installation then start:

- 1. Right click on the "ART" shortcut icon that was created on the desktop during the main installation, & "run asAdministrator".this will launch the process to extract all the files into a temporary directory and at the end of this process will automatically launch the screen to install Access 2000.**
- At this stage wait a few seconds and look at the buttons that appear in front of you.**
- 2. Click the "Customise" button. DO NOT CLICK THE INSTALL NOW BUTTON.**
 - 3. On the next screen click the Browse button.**
 - 4. On the next screen click the dropdown list and select Program Files (NOTE NOT PROGRAM FILES x86) and from the window select Adaccess so that the "folder path" at the base of the screen reads c:\Program Files\Adaccess**
 - 5. Click OK and on the next screen click OK and on the next screen make sure the wording next to the install now button reads c:\Program Files\Adaccess\, if it does, click the install now button.**
 - 6. The next screen shows the progress of the installation, do nothing with this and at the end of the installation you will get a message "Microsoft Access 2000 Runtime Set-Up Completed successfully"**
- On that screen then click OK and this means that Access has been installed successfully.**
- 7. The "ART" icon on the desktop that was created earlier can now be removed from the desktop.**
 - 8.You now need to go into Program Files (x86) and into the Adaccess folder, you will find an Office folder. Right click this folder and left click on copy. Then go into Program Files, then Adaccess and on a blank area right click and left click on paste this will put in place the main Office files needed for the database to function.**

The next part of the set-up is where we actually start setting up the pathing of the database.

1. Right click on the Aerodata Icon that was created earlier and run as administrator etc.
You may have to compact the database before carrying on.
2. A prompt will appear stating "ATTEMPTING TO USE THE WRONG DATABASE FILE", click OK on this message box
3. Another window will appear which is asking for the location of the file to be pathed
To do this double click the C folder icon at the top of the list on the left hand side.
Scroll down the list and locate the Adqplus folder and double click on that which will then show
ADSM.mdb in the middle window, highlight that and click Save.
4. A new prompt will appear stating "ATTEMPTING TO USE THE WRONG MDW FILE", click OK on this message box
5. Another window will then appear which is asking for the location of the file to be pathed
To do this double click the C folder icon at the top of the list on the left hand side.
Scroll down the list then and locate the Windows folder and double click on that then locate the System
32 folder and double click on that, this then will show Aerodata.mdw in the middle screen, highlight that and click Save.
6. You will then need to set up the pathing to the runtime version of Microsoft Office 2000
7. Click on the button marked "Change Application"
8. A new window will appear which says select drive and path for MSACCESS.EXE
On the LHS of this window double click the Program Files folder, then double click the Adaccess folder then double click the Office folder which will then reveal MSACCESS.EXE in the middle window, highlight this and click the save button.
This will return you to the main Aerodata Log on screen and which is now waiting for you to enter the password.
From this point on the instructions are the same as on the CD, and your password request can be sent to passwords@aerodata.org

Windows 7/8 instructions added 29-09-10 modified 20-03-14

OTHER IMPORTANT INFORMATION YOU WILL NEED TO KNOW.

Help File 1

Backing up loggings to a remote drive.

This doesn't include Photographic loggings or Flight logs.

These are covered in Help File 3

To back your loggings to a Floppy, CD, or Zip drive, which we STONGLY recommend you carry Out, please do the following.

A) First open the database and then close it back down again this will ensure the backup file that comes with the database has the latest information re your loggings inside it.

B) Then go into My Computer or Windows Explorer and locate and open the Adqplus Folder which will be on the drive you originally loaded the database on to (ie either "C" or "D" drive).

C) Once inside the Adqplus Folder locate and open the Qback folder. Inside this folder you will find a file called Adqb (an mdb file with a picture of a key on it). This is your backup file and is precious to you!!

D) Right click on this file and go down to "copy" and left click on "copy", this has now copied the information to the windows clipboard.

The next bit depends on where you are going to store your backup file as to how you go about it and I will explain the easy options first (CD or Zip) then the option to save to Floppy will be a bit easier to understand when I explain that.

E) Put a CD or Zip cassette into the respective drive in the PC.

F) Open Windows Explorer or My Computer again and open the Zip or CD icon by double clicking on it.

If the media is a blank CD or Zip it will show a blank page, right click on this page and go down to "paste" and left click on "paste" this will then put the previously copied file (adqb) on to that drive making it totally safe and away from the PC incase you have a system failure.

Because a floppy disk only has, in normal cases, a capacity of 1.44mb and you have loggings of more than say 10,000 frames the adqb file will not fit on one floppy disk.

So before you carry out the backup routine explained above you need to prepare 2 or more disks to accept the file.

You do this with Winzip as follows.

1) Put one formatted blank floppy into the A drive, go into Windows Explorer or My Computer and double click on the A drive icon.

As I stated before this will bring up a blank page.

2) Right click on this page and go to "New" and then "Winzip File".

This will create a file called "New Winzip File.zip on the floppy.

3) You then carry out the instructions A to D shown above which will copy the file to the clipboard.

But then you go into My Computer or Explorer find the A drive double click on it which will show you the New Winzip File.zip.

4) You then right click on this file go down to "paste" and left click on "paste".

The backup file will then start to copy itself to the floppy but after a few moments will ask you to insert a 2nd disk and more if required.

Once completed the light on your A drive (floppy drive) will go out telling you the operation is completed.

Restoring your loggings is covered in file 2

Help File 2

Restoring Your Backup Logging Files

Doesn't cover Flight logs or Photographic loggings.

To restore your Aircraft loggings from a previously saved file on Floppy, CD or Zip Drive first read help file 1 to refresh your memory on how you saved the file in the first place as this will help you to understand the concept.

When ready open up My Computer or Windows Explorer and double click on the A drive CD drive or Zip Drive icon depending on which you used originally.

This will then show you the adqb file you originally saved or in the case of floppy's a file called New Winzip File.

For CD or Zip right click on the adqb file and go down to "copy" left click on "copy" which will copy the file to the clipboard then close down any open windows.

Go into My Computer or Explorer again and go to the drive you have Aerodata on and double click on this drive icon (either C drive or D drive)

Then find the Adqplus folder and double click on it and locate the Qback folder and double click on that.

Once inside this folder right click on a blank area and go down to "paste" and left click on "paste", this will give you a warning that you are about to overwrite the existing file of the same name, this is OK so click "YES".

Your logging file is then in the correct place.

You can now shut down any open windows.

The next bit will restore your logs back to the database but not the flight or photo logs and if you have any flight or photo logs you need to read Help file 3 before proceeding any further otherwise just your airframe loggings are restored.

Open up the database as you normally would and go to the Management section (press button marked management on main screen).

Inside you will find a button marked "Restore" click this and you will get a screen with some notes on it.

Please read the notes and then if restoring after a system crash or PC change click on the option A button.

The screen will close and go back to the management screen after a few seconds.

You may then notice that the logged as seen total will still be at zero but DONT PANIC !! to finish this routine you have to click on the rebuild droplist button and after this is done your totals seen will show the correct amount.

The option B restore is for a completely different purpose ie carrying loggings over from one PC to another and back again after (ie Laptop usage away from home) and should only be used by advanced users who fully understand the concept of transferring files between 2 PCs.

Help File 3

Restoring and Saving Photographic and Flight Log files.

To save these files you carry out exactly the same procedure as laid down in Help file 1 but with a different file, it is called *Photo or Photo.mdb* (a file with a key on it) and it is located in the Adqgraph folder, which is inside the Adqplus folder on the drive you originally installed Aerodata on.

You can save this to the same disk (CD, Zip or Floppy) as the loggings but obviously as a different file, or a separate disk.

Restoring is again a repeat of what is described in Help File 1 but again to the Adqgraph folder and again you will get the warning, which you click yes to !!

Once this file is in place you carry out the restore routine as described in Help File 2.

Note *Photo or Photo.mdb*

the file name depends on how you have your PC set up (whether or not you have it set to show file extensions).

Also The *Photo or Photo.mdb* includes ALL your photo and flight logs in the one file.

Help File 4

Running in Updates.

Firstly before trying to run in any updates to the database you need to have a Winzip type program running on your PC, (with Windows XP this comes as standard).

With other operating systems you can download Winzip Ver 9. from www.winzip.com

Also you need to understand that the updates will only run in sequentially so if you have purchased the database from us and the disk is marked at say upd.2270 and the first update notification you have received from us automatically (via email) is say upd.2279 you need to get the missing nine updates from the website before going any further.

Using the temporary "ADQUANTUMPLUS" password will not allow you to run in updates therefore you need to obtain your full password and validation file before attempting running updates into the database again send me an email for this.

When we send an update out or when you download one from our website you firstly need to unzip the update which is an mdb file (file with a key on it) from the zip file it came in.

Different unzip programs operate in different ways but basically you need to extract the mdb file to your desktop. You will need to read the unzip program help files to do this.

Once on the desktop, you open the database log on screen and enter your password then the "load update ***" button will be highlighted.

Click on this button, which will after a few seconds will open up another screen.

If you have correctly located the next sequential update on the desktop this will show in the centre section of this screen.

Click on this file, which will highlight it and in turn will enable the button in the top right, click on this button, which will now say "Load Update ????" and the update will then run in automatically and close itself down on completion.

On close down if you have ticked the appropriate box ("Output an update report") on the previous screen a text document will be produced to show exactly what changes the update made.

Help File 5

Resetting your password at renewal or after a system crash.

When your renewal notice comes up and you have renewed your annual subscription, or if you have had a system problem, which has meant you having to re install the database you will have to reset the security system and obtain a new password and validation file from us.

Following the procedure below does this.

- 1) Open Aerodata Quantum+Security as usual, but use the password 'RESETPASSWORD'. You will get a Lockout3 error message - click OK - the security system will close down.
- 2) Open Aerodata Quantum+Security again, and this time type the password 'ADQUANTUMPLUS'. The Security System will then perform a search of your hard drives, this can take up to 30 minutes. Once this has finished the Security program will display your new Registration Code. If you get a 'Temporary Loggings Exceeded' message then press OK, once you have made a note of your registration code.
- 2A) Double click on the password string to create a text file on desktop, attach it to an email
- 3) E-mail your Name, Registration Code, Customer ID number DIRECT to the HelpLine e-mail address (passwords@aerodata.org).
- 4) The Help Desk will send you your new password and your own individual ADSM.ADS file.
- 5) Place the ADSM.ADS file in the same directory you placed the database in when you originally installed it. (e.g. 'c:\adqplus\')

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Report Writer

This program, provided free to all users of Aerodata databases, is for use in compiling user defined reports not included within the extensive reports pre built into the main database.

The best way to see how this program functions is to get in there and play !!!

You open Report Writer via the normal Aerodata security screen. You will notice that the bottom button on the security screen is now a full width "Close Aerodata QuantumPlus " button.

This is proof that you have the new version of the qplussec.exe file is installed. When you enter your password the "Report Writer" button now becomes active. Click on this, and Report Writer opens up.

The first time that you do this, you may get 3 or 4 error messages, depending on which drive you have installed your database.

These can be ignored by clicking on either Close or OK.

This will not happen on subsequent openings of Report Writer.

Report Writer then displays a message that it is refreshing the data tables. What it is doing is checking every record in the main database, so depending on the speed of your processor and the amount of RAM installed, this could take quite some time. This will happen every time you open Report Writer, but depending on the last report you produced the time taken could differ on each opening.

Once the data tables have been refreshed, you are now presented with a multitude of options to produce whatever report you require. As this module only reads information from the main database, you can select whatever information you require - you cannot update any information from here.

The output is presented in a Snapshot Viewer file that is saved in the <drive_letter>\adqplus folder. This file may be opened and printed out after Report Writer has been closed down. Please be advised that depending on your selection criteria the report may run to a large number of pages - something to bear in mind of you wish to print the report.

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