



INTRODUCTION

Thank you for downloading UKSD's Military Airfields in Yorkshire, the pack contains 4 military airfields in the County of Yorkshire, UK.

The 4 Airfields are:

EGXG RAF Church Fenton
Co-ordinates N53 50.60 W1 11.73

EGXD AAC Dishforth
Co-ordinates N54 08.23 W1 25.21

EGXU RAF Linton on Ouse
Co-ordinates N54 02.95 W1 15.17

EGXZ RAF Topcliffe (Allenbrooke Barracks)
Co-ordinates N54 12.36 W1 22.88

These 4 Airfields have been designed to fill out the UK VFR Photoscenery, and have certainly not been designed to be 100% correct representations of the airfields. We have purposely kept the detail to a minimum, in regard to vehicles etc, to save on Frames per Second, For fast jet operation. This does give scope however for users to use programs such as 'Rwy12' and Arno Gerretsen's 'Object Placer' to add vehicles and anything else you might like to put in.

If you would like to do this, you will need to save your placed objects in UKSD\Military Airfields in Yorkshire\Scenery.

Please note there is no support for RWY12 or Object Placer from us; please post your questions, if any on the particular programs forums. Web address listed at the end of the doc.

Each Airfield is detailed in accordance to the amount of information we could find in books and on the internet, therefore each one is modelled to a different level of detail, and a lot of guess work has gone into some buildings. If anyone has any photos of any of these bases, we would like them for future updates.



www.ukscenerydesign.co.uk

A Brief History

RAF Church Fenton

Church Fenton was opened in April 1937 while it was still being constructed. As Part of the pre-war expansion plan, it was design to be a fighter station providing support for the industrial areas around Leeds, Bradford, Sheffield and Humberside. The first Aircraft to be station where Gloster Gauntlets and Gladiators. During WW2 the base was home to aircraft such as Spitfires, Hurricanes, Mosquitoes, Blenhiems, Beaufighters, Typhoons and Mustangs. After the war Church Fenton remained as a front line fighter station until 1959, when it became a pilot training station, which it still is today using Grob Tutor aircraft.

For a full history of RAF Church Fenton, call in at www.rafchurchfenton.org.uk

AAC Dishforth

Running alongside the A1 motorway RAF Dishforth, (Part of Bomber Command) was opened in 1937. The first based aircraft where Heyfords and Whitleys. By June 1942 it was decided that all airfields north of York where handed over to RCAF squadrons, flying Wellingtons. After the war in 1948 the base was handed over to OCU (Operational Conversion Unit) this continued until 1961. No other flying units have been based at Dishforth since that time, although the bases is in good order and the runways are used as landing relief for Linton on Ouse. The Army Air Corps use the hangers and tech site; in 2003 the Apache helicopter was base here with 9 Regt Army Air corps. Now known as AAC Dishforth.

See a full history here <http://www.raf.mod.uk/bombercommand/s89.html>

RAF Linton on Ouse

As Busy as Heathrow for daily movements, RAF Linton on Ouse was opened in 1937 as part of Bomber Command, flying Whitleys. By 1940 the airfield had its Runways laid due to water logging in the winter months; Linton was the first airfield in the North of England and the first in Bomber Command to have Concrete Runways. When the station reopened in 1941 Halifaxes where stationed along with the Whitley's. By 1943 The RCAF had arrived and these where replaced by the Lancaster II. In Linton's vast history it has been used as a Bomber Command, Transport and Fighter Station. The Airfield since 1957 has been used for pilot training, with the Jet Provost, and in more recent years with the Tucano T1.

See a full history here <http://www.raf.mod.uk/bombercommand/s92.html>



RAF Topcliffe (Alanbrooke Barracks)

RAF Topcliffe was a late comer to the War, not completed until 1940. Again as part of Bomber Command, the first aircraft stationed where Whitley's then Halifaxes and Wellingtons in 1943. One year later these were replaced again with Lancasters. With the end of the war the station transferred to the Air Navigation School and in 1949 was handed to Transport Command flying Hastings. By 1952 the Airfield had been taken over by Coastal Command flying Lancaster's and Neptune's. In 1962 it was transferred back to a Training Station. By 1972 the station closed as a RAF base and transferred to the Army, re-naming it Alanbrooke Barracks. In 1993 the RAF returned with the Joint Elementary Flying Training School. Up and down like a Yo-Yo

See a full history here <http://www.raf.mod.uk/bombercommand/s96.html>

Installation

Run MAIY.exe and follow the on screen instructions.

Run FS2004 and click Settings, Scenery library, Add, then browse to your main FS2004 scenery folder; UKSD\Military Airfields in Yorkshire, then click OK.

Restart FS2004

Alternatively;

If you know what you are doing, you can add this text to the scenery.cfg file in the main fs2004 folder, Open it with Notepad.

```
[Area.xxx]
Title=Military Airfields in Yorkshire
Local=UKSD\Military Airfields in Yorkshire
Remote=
Active=TRUE
Required=FALSE
Layer=xx
```

xxx = Change for next layer number layer number.

Close and Save.



AI Traffic

Included in the Installation are AI Traffic files for Linton on Ouse and Church Fenton. Both are installed, you will however need to download and install the following Aircraft

Simsheds AI Tucano available from <http://www.simshed.co.uk/tucano.html>

Grob 115E from Avsim <http://library.avsim.net/download.php?DLID=20505> (may need to register if you haven't already, its free!!)

And the Yorkshire University Air Squadron Repaint for the Grob from <http://www.simvation.com/cgi-bin/syb.cgi?section=props&file=ChrchfUAS.zip>

Once these Aircraft are installed and Traffic is turned on in FS, Nothing else is needed to get some basic AI Traffic.

Traffic is set as follows

100% traffic = 15 Aircraft,

75% traffic = 9 Aircraft,

50% Traffic = 7 Aircraft

Airfield Radio Frequencies

Due to FS2004 not being able to use Military Frequency's, all these airfields in FS2004 had a Tower and Ground Frequency of 122.100. This worked fine without and AI, but with the introduction of the AI traffic, it was incredibly difficult to talk to ATC. There's that much traffic on the single frequency, because of T&G's, I've had to change them slightly to stop it being annoying. The Civil freq of 122.100 freq may work in real life but not very well in FS2004. In real life they do have separate Tower and Ground Frequency's on the Military band. Here's what I've changed them to.

Linton-on-Ouse

Ground 122.050, Tower 122.050

Church Fenton

Ground 122.150, Tower 122.700

Dishforth

Ground 122.650, Tower 122.800

Topcliffe

Ground 127.500, Tower 122.750



Scenery Settings

Make sure the Global Texture Size in FS9's display options is set to Massive, or some textures may appear Blurry.

Aerodrome Maps

See PDF Aerodrome Charts

The Team

Stephen Legg (AKA Stevo)
Object/Texture Design, Afcad2.
Work completed on Package 50%

Most recent solo scenery release is Durham Tees Valley Airport (www.fs9world.co.uk), also recently built a terminal for Aerojet VA using Ian Gallacher's Edinburgh Scenery. Also helped with the building of AUKSP Perth Airport.

Rob Brittain (AKA Brittair)
Object/Texture Design, Afcad2.
Work completed on Package 50%

Brittair also has created some great solo scenery, from his RAF Leeming to his recently released RAF Tinwald Downs. See more info on his forum at www.ukscenerydesign.co.uk/forum look for Brittair's forum.

Credits

Discreet for Gmax.
Lee Swordy for Afcad2.
Arno Gerretsen, for all the great tools he creates. MDL Tweaker, Library Creator, Object Placer, Cat.
Birdman for Beat Testing for us and being all round Mr nice guy. ;-)
Keith Steadman and his half H Barrack block and textures.
Ian Herbert at www.rafchurchfenton.org.uk
Lars Hoyer for his Great Low Poly Cars
GianP for his tree library
George Davison for Tree planter



Websites

Rwy12 object placer = <http://www.rwy12.com/rwy12/>

Obplacer XML by Arno Gerretsen = www.scenerydesign.org/forum

Licence Agreement

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Supplemental

This supplement contains extra information, on AI Traffic, Frame Rates and A few extras to look out for.

AI & FPS Chart

The Simshed Tucano used for the AI at Linton on Ouse is one superbly made aircraft, so much so that with the number of aircraft I've used (15 @ 100%) the frames per second do take a battering, even on high spec systems. I wanted to use 30!!

Below is a chart showing the Frames per Second for various stages of flight, At Distance from the airfield, on Approach and on finally on the Ground. The test took place with the AI Traffic Slider set at 80% then at 0% with and without the VFR Photoscenery Volume 4. As you can see there is a big reduction in fps with the AI turned on. So it is up to you the user if you want to use it or not!!!

	Default Scenery	VFR Scenery
On Ground/AI 80%	17.5 – 18.9 fps	18.3 – 18.8 fps
On Ground/AI 0%	34.8 – 34.8 fps	34.6 – 34.8 fps
Approach/AI 80%	19.4 – 21.6 fps	19.6 – 21.8 fps
Approach/AI 0%	34.8 – 34.8 fps	34.7 – 34.8 fps
At Distance/AI 80%	20.1 – 21.3 fps	23.8 – 24.4 fps
At Distance/AI 0%	34.6 – 34.8 fps	34.6 – 34.8 fps

You can use the System below as a guide to set the traffic slider (see main documents for slider settings).

Pentium 4c 3.2 Ghz
ATI 9800XT 256mb
1024Mb Ram
FPS locked at 35



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Extras to Look Out For

There are also a few extras to look out for within the Airfields.

Topcliffe

Doors on hanger 2 open and close using the Nav1 frequency, the frequency to tune too is on the door.

Linton on Ouse

Looped Silhouette Animation of a man in the Tower

RAF Mobile Tower (Rwy 04-22 only) Changes position depending on wind direction. If the wind direction is set between 300 & 119 degrees the mobile tower will be at the 04 end of the Rwy. If the wind direction is set between 120 – 299 it will be at Rwy 22.

Due to a bug in FS, the Mobile tower doesn't appear until you change the wind direction. You only need to change it by 1 degree.

Animated Watchman Radar

Other Extra

There is another big extra, it's not on any of the Airfields. You'll need to find it

