

README – 617 Sqd Lancaster KC-D package

Thank you for downloading this 617 Sqd Lancaster KC-D package.

The Lancaster, as usual in my projects, is a FSX conversion of a fs9 Plane-Design Lancaster Mk1 with simulated Merlin 24 engines. It is fitted with my version of a SABS Bombsight that will allow accurate bombing of targets from +14000ft with a droppable object based on the Barnes Wallis designed Tallboy. Only the horizontal version of the Tallboy is provided in this package. The SABS Bombsight is an adaption of an idea that I used in CFS1 almost 11 years ago.

The Lancaster paint and Tallboy droppable object is by [Koos Van Menen](#) of The Netherlands and I thank him again for his involvement in all my Lancaster projects.

This Lancaster is one of 5 sim 617 Sqd Lancasters used to make a video for the International Bomber Command Centre in Lincoln that will be used to illustrate interviews with Veterans of World War II raids carried out by Bomber Command. In this case the target supplied with this package is the Tirpitz at Hakoya Island in Norway - 12 November 1943. She was hit twice with Tallboys and there were many near misses. She rolled over during the attack.

The real Lancasters on the Tirpitz mission had additional fuel tanks in the fuselage - this aspect is not included in the dynamics of KC-D. Prior to the raid all 617 Sqd Lancasters had borrowed Merlin 24's fitted.

I thank [Erwin Welker](#), of Germany for making a special version of his pilotable Tirpitz with guns facing over the side and elevated at the on coming Lancaster stream. This was a special in that it also had to have props added for an upturned view to be effective. The outcome (not provided) allowed me to make static models in SAMM to illustrate the roll over of the Tirpitz in the video. Only the upright static version of Tirpitz is provided in this package.

Bombing of any type is a science and instructions for using my SABS are contained in a separate pdf. Larger images are provided of those used in the SABS pdf. There is also a pdf describing my involvement with the IBCC Video project.

One saved flight is provided that allows starting of a Tirpitz attack from about 9 miles out. The plan is for RAF Lossiemouth to Tirpitz at Hakoya via Lake Akka in Norway but has no return details included.

For the IBCC video the story line was to illustrate the involvement of the Camera Lancaster that filmed the event and the up turned Tirpitz from 5000 ft. It was last to leave and flew directly back to Waddington - a 15 hour allround flight with great risk to its crew. This package does not cover that aspect. The Cameraman was Hugh Rogers and the Lancaster a Mk1 fitted with overload tanks in the bomb bay

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INSTALLATION: the zip package contains 5 folders named 0_Docs, AddonScenery, SavedFlight, SimObjectsAirplanes, SimObjectsMisc.

After unzipping to a clean temp folder the contents of each folder listed on the previous page must be copy/pasted to your FSX folders of similar name. SimObjectsAirplanes meaning SimObjects/Airplanes.

The SavedFlight folder contents must be copy pasted to the Libraries/Documents/Flight Simulator X Files folder. This folder is not part of your FSX and is generally on your system hard drive.

When next you enter FSX activate the scenery in the normal way.

The Lancaster will appear in the Freeflight list under Avro Lancaster Mkl Drop Bomb and the saved flight will appear as:

0_BOMBING-Attack Tirpitz3 at Hakoya Island 1 KCD in the load listings.

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RESTRICTIONS: The SABS Bombsight in this package is not suitable for use in any other Lancasters unless specifically set up to operate from 14000 feet at 174-175 Kts ground speed in **ZERO WIND VELOCITY**. See note under LEGAL.

Accuracy will be lost if you try to do so OR if you try to fly in weather conditions with low to high wind velocities. The FSX autopilot will not hold the attack heading and you cannot possibly hit anything accurately when flying manually.

Whilst it is usable on other targets viewing the impact will be restricted to the view provided within the bombsight (as described in the pdf). The additional fixed camera views in KC-D are specific to the Tirpitz attack and no other.

If bombing over land you will need to add the altitude of the target above sea level.

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LEGAL:

This software is hereby declared FREEWARE but is not be used in any way that leads to obtaining money for the content. All original material is copyright of the author and the persons responsible for parts as listed above. The product may not be changed or re-engineered in anyway or added to another version of a Lancaster or other WWII bomber.

This software is distributed without warranty of any kind either expressed or implied.

This software will not create any damage to your system and the author is not responsible for any damage caused (or supposed to be caused) by this software.

Good Luck!

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**Bombing from high altitude is a science and not easy in a simulator
KC-D serial number EE146 was flown on the raid by
W/C "Willie" Taite 12 November 1943**