



Description

The Machine Gun Bunker of Alhama de Murcia is one of the best examples of 20th century military architecture in the Region of Murcia. Its design and construction is part of the Spanish Civil War (1936-1939), possibly built in 1937, forming part of the Ground Defense Plan of the naval base of Cartagena, strategic installation, from the military point of view, for the survival of the Republic.

The bunker is essentially built in concrete, a scarce and valuable material during the war that was only used in priority military installations. It conserves its two lateral entrances. Inside the bunker is divided into 3 spaces, two of them for the placement of heavy machine guns and the third to the storage of supplies and ammunition, also serving as a refuge.

This model was created from 567 images taken from a DJI Phantom 4 Pro Plus drone. The images were aligned, and the model was generated and textured in Reality Capture.

Interior model <https://sketchfab.com/models/a5235723ecc945a7a427720418819856>

Specifications

Country: Spain

Region: Murcia

Site: Machine Gun Bunker. Alhama de Murcia I

Age: Late modern period

Internal ID: Bunker_Sketchfab

Digitization date: 9/02/2018

Digitization method: Photogrammetry

Photos / scans number: 578

Hardware: DJI Phantom 4 Pro

Lens: 24 mm

Technician: Miguel Ángel Hervás and Jeff Du Vernay

Postprocessing: Bart McLeod and Jeff Du Vernay

Model URL:

https://globaldigitalheritage.org/model/machine-gun-bunker-of-alhama-de-murcia-spain-bunker_sketchfab/