Lucainena de las Torres

Heritage · Spain

GPS coordinates	37.04042, -2.21236
Elevation	579 m
Maximum height	120 m max
Access	On foot < 1,000 m
Spot reference	314526



Spot location and restrictions (Drone-Spot map image)

Sun (local times, UTC+01:00)

Day	Dawn	Sunrise	Sunset	Dusk	Day length	Golden hour
Sat 21 Nov	07:26	07:54	17:56	18:24	10 h 02	07:54–08:32 · 17:17–17:56
Sun 22 Nov	07:27	07:55	17:55	18:23	10 h 00	07:55–08:34 · 17:16–17:55
Mon 23 Nov	07:28	07:56	17:55	18:23	9 h 59	07:56–08:35 · 17:16–17:55

Description

The Lucainena de las Torres Hornos de calcinación are a group of eight kilns used to process iron ore from the nearby mines of the Sierra Alhamilla. They were built between 1900 and 1901 by the Compañía Minera de la Sierra Alhamilla, a company founded by Ramón de la Sota, Otto Kreizner and Hermann Borner. The kilns were designed to heat the iron carbonate ore to a high temperature, making it lose carbon dioxide and water and increasing its iron content. This process was necessary to make the ore suitable for the steel industry, in particular for the Altos Hornos de Vizcaya in Bilbao, where most of the iron was exported. The kilns operated until 1930, when mining activity declined because of the economic crisis and competition from other sources of iron. The furnaces were abandoned and gradually deteriorated over time. In 1998, they were declared a Bien de Interés Cultural by the …

Scan to open the up-to-date spot page: weather, map and restrictions.

https://www.drone-spot.tech/en/fiche-spot.aspx?id=314526

Before every flight: check the UAS zones map, NOTAMs and temporary areas, the weather and the Kp index.

Preparing the flight

Pre-flight Check-List

- ☐ Area checked: UAS zones, restrictions, protected areas
- ☐ NOTAMs and temporary areas checked
- ☐ Weather: wind, gusts, rain, visibility; Kp index
- ☐ Operator number displayed on the drone
- ☐ Training certificate or licence with me
- ☐ Third-party liability insurance checked
- ☐ Batteries charged: drone, controller, phone
- ☐ Propellers, motors and frame in good condition
- ☐ Memory card inserted and empty
- ☐ Software up to date, compass and IMU calibrated
- ☐ Return to home: home point and return height set
- ☐ Electronic signalling or remote ID active
- ☐ Take-off area clear, people informed and at a distance
- ☐ Observer present for FPV flights

Key rules of the open category

This country applies the European drone rules (open category); it may add its own zones and conditions.

- Maximum height: 120 m above the ground, lower where a restriction requires it.
- Always keep the drone in sight; when flying FPV, an observer keeps it in sight next to you.
- Never fly over crowds and keep the distances of your subcategory (A1, A2 or A3).
- Respect UAS geographical zones: around aerodromes, prohibited or restricted areas, protected areas, sensitive sites.
- Register as an operator if the drone weighs 250 g or more or carries a camera (toys excepted), and display the number on the drone.
- Training: online A1/A3 certificate from 250 g or for a class C1 drone; A2 certificate to fly closer to people with a class C2 drone.
- Always give way to manned aircraft and land if one approaches.
- Respect privacy: no images that identify people without their consent; aerial photography is prohibited in some areas.
- Check your third-party liability insurance.

Non-exhaustive summary: rules change. Reference: the DGAC open-category guide and the country's regulations.

Useful links

UAS zones map around the spot : https://www.drone-spot.tech/en/carte-uas.aspx?lat=37.04042&lon=-2.21236
Drone pilot library : https://www.drone-spot.tech/en/bibliotheque

My flight notes

Information sheet generated by Drone-Spot from community data: it replaces neither official aeronautical information nor the regulations. The remote pilot remains responsible for the flight.