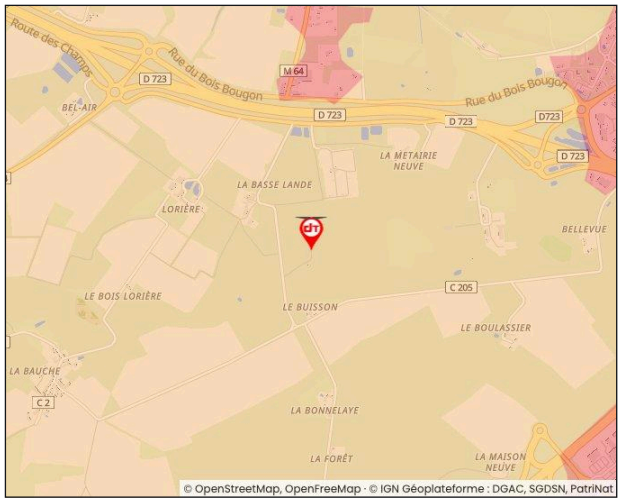
T.S.F. station of Basse-Lande

Heritage · Loire-Atlantique

GPS coordinates	47.17082, -1.69479
Elevation	28 m
Maximum height	50 m max
Access	Direct access by car
Nearest aerodrome	Nantes Atlantique Airport (LFRS) 6.7 km E · same altitude as the spot
Spot reference	307957



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	07:45	08:19	17:26	18:00	9 h 06	08:19–09:08 · 16:38–17:26
Sun 22 Nov	07:47	08:21	17:25	17:59	9 h 04	08:21–09:09 · 16:37–17:25
Mon 23 Nov	07:48	08:22	17:24	17:58	9 h 02	08:22–09:11 · 16:35–17:24

Nearby aerodromes

Aerodrome	Type	Distance	Elevation
Nantes Atlantique Airport	Airport	6.7 km E	27 m
Quai Moncousu Heliport	Heliport	11 km E	23 m
Base ULM de Frossay	Aerodrome	16 km NW	3 m

Description

In 1917, the French Navy built a wireless telegraphy (TSF) station in Brains, a typical village of the Pays de Retz south of Nantes, to keep in contact with ships at sea and submarines. At the place called la Basse-Lande, fans of T.S.F. (Télégraphie Sans Fil, or wireless telegraphy) remember that a high-power transmission station was built here. This radio communication site, unique in the west of France, was extremely powerful and made it possible, for the first time, to achieve duplex links, applying the work carried out by Lieutenant Bellescize, one of the best TSF specialists of the time.

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

https://www.drone-spot.tech/en/fiche-spot.aspx?id=307957

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

Recreational flying in France: European open-category rules, applied by the DGAC.

- 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.
- In France: registration and training on AlphaTango (DGAC); a drone of 800 g or more must broadcast electronic signalling (or the remote ID of class-marked drones).

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=47.17082&lon=-1.69479
Drone pilot library : https://www.drone-spot.tech/en/bibliotheque
DGAC open-category guide (French) : https://www.drone-spot.tech/en/bibliotheque/guide-categorie-ouverte
Registration and training (AlphaTango) : https://alphatango.aviation-civile.gouv.fr
NOTAMs and temporary areas (SOFIA Briefing) : https://sofia-briefing.aviation-civile.gouv.fr

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.