

# EDLN - Mönchengladbach

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# General

## Before you fly...

Welcome to Mönchengladbach! This small airport primarily hosts private jets, business charters, and other general aviation aircraft. It is **not big enough for airliner traffic** except for some small regional turboprop aircraft.

Although the airport has a simple layout and low traffic levels on VATSIM, you should still **prepare yourself thoroughly to keep it fun for everyone** and avoid mistakes which might lead to delays for yourself and other users.

**If you are new to VATSIM**, Mönchengladbach can be a great airport to get used to more complex airspaces once you have gotten a bit more comfortable with flying on the network. It rarely gets very busy, so making smaller mistakes will usually not have a negative impact on anybody else's experience on the network, at least on the ground; but the airport's location **within the Köln/Düsseldorf TMA, Germany's most complex airspace**, as well as its CTR's border with the Düsseldorf CTR leave little room for navigational errors or altitude busts. Additionally, when flying IFR, you may experience **busier frequencies during departure and arrival** and should already be experienced enough to be comfortable with these frequencies.

## ATIS

Mönchengladbach's ATIS is broadcast from the Mönchengladbach VOR in the real world. Due to limitations with VATSIM's audio system, implementing such VOR-hosted ATISes is currently not possible. Thus, the fictional frequency **121.815** is used on VATSIM instead of the one you will find on your charts.

## Parking position

Please make sure you choose an appropriate stand for your aircraft type.

Most **business jets and turboprops** park on the main apron in front of the Tower or on the commercial apron in the Southwest.

**Smaller general aviation aircraft** will usually park inside or in front of the hangars.

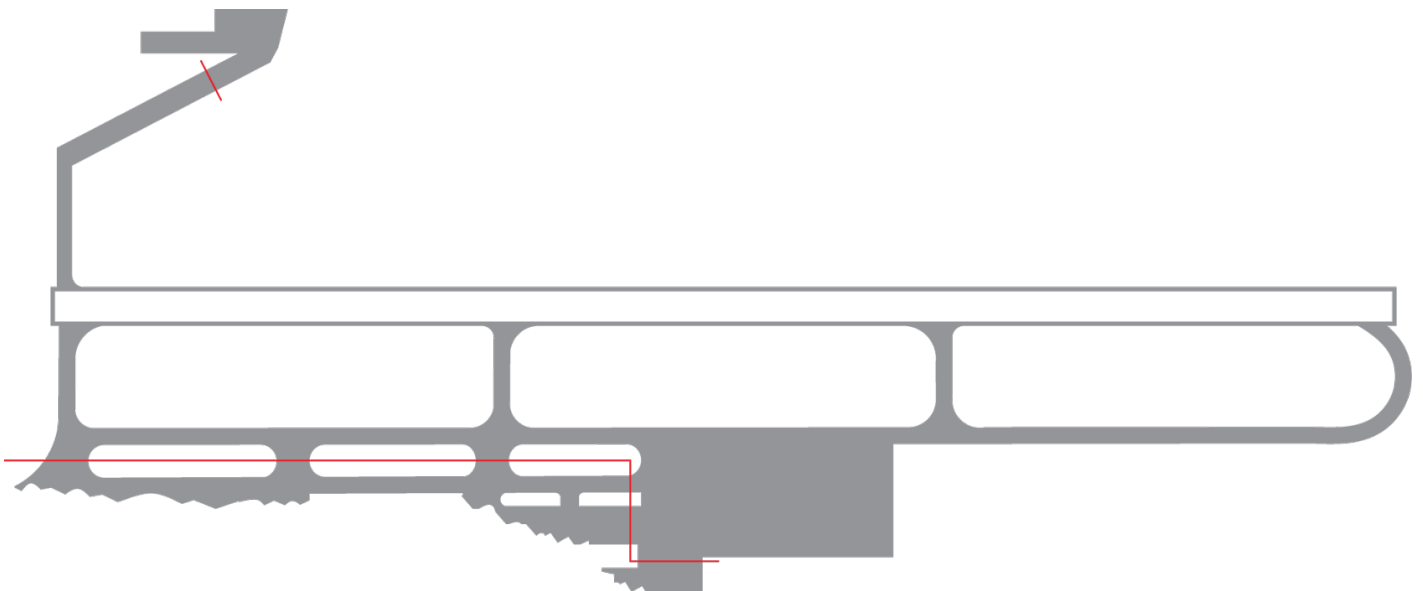
**Maintenance flights** will often park North of the runway.

Mönchengladbach is **not equipped to handle A380 aircraft**. To maintain realism and prevent inconveniences for controllers and other pilots, we ask pilots to choose a different

## Non-movement area

Mönchengladbach is one of the very rare airports in Germany which have non-movement areas on its apron. **Only taxiways A, B, C, D, and F as well as the main apron in front of the Tower are controlled.** Pilots are allowed to taxi without clearance in the non-movement area, e.g. to taxi from the hangar to the run-up area. However, before initiating movement toward the movement area and before entering the movement area, you are still required to acquire a taxi clearance from ATC.

When you receive a taxi clearance into the movement area while you are in the non-movement area, you are expected to reach the first cleared taxiway on the shortest way possible; likewise when cleared to a parking position in the non-movement area, you are expected to take the shortest path between the last cleared taxiway and your parking position.



*only areas on the runway side of the red line are controlled*

## Handoffs

**When instructed to contact another controller, do so as soon as possible.** This will avoid you having to stop moving or level off. Please do not hold your position to switch the frequency, keep moving on the ground!

Be aware that **some frequencies in use might not be shown in the controller list of your pilot client**, so it is important that you listen carefully to what ATC says.

## Auto-handoff

Mönchengladbach utilizes an auto-handoff procedure for IFR departures where **Tower will not hand off outbounds to the approach controller**. As the airborne frequency changes depending on the operating direction and staffed positions at Düsseldorf, it will always be given to you by the Ground controller during your enroute clearance; should the frequency change again before you depart, ATC will advise you of the updated airborne frequency.

Contact the airborne frequency **immediately when airborne** unless explicitly told to remain on Tower frequency.

# Charts & Scenery

## Charts

You can find **current IFR charts** for Mönchengladbach on [chartfox](#) (requires VATSIM login).

You can find **current VFR charts** for Mönchengladbach in the [AIP VFR](#).

For a better overview over the airspace structure around Mönchengladbach, we recommend [openflightmaps](#).

## Airport Scenery

Sim	Freeware	Payware
MSFS	<a href="#">flightsim.to</a>	--
X-Plane 11	X-Plane Default Scenery	--
Prepare3D V4/V5	--	--

# Departing Traffic

We ask all pilots to also read the [General section](#) with **information relevant to all pilots**.

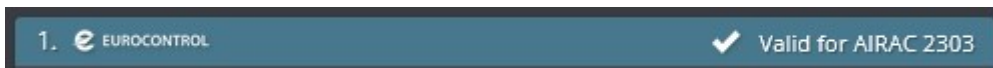
## Preparation

A thorough preparation is important for any flight. We ask you to **conduct a thorough briefing to avoid delays and keep it fun for everyone**.

### Route planning

You can find valid routes for many destinations in the [AeroNav Global Route Database](#).

When planning a route via SimBrief, please use routes with the Eurocontrol icon, as those will generally be valid.



When filing an invalid flight plan, you will usually have to **file a completely new flight plan** before ATC can issue your enroute clearance.

### SID assignment

If there is no SID leading to the first waypoint of your flight plan, **please check which AIRAC you are using** - if your AIRAC cycle is too outdated, it might take some time until the controllers can coordinate a solution for you. Please also make sure you are **complying with the following restrictions** that exist for some of these waypoints.

Waypoint	Restrictions
GMH	only for flights with requested <b>max. FL140</b>
KUMIK	only for flights with requested <b>min. FL150</b>
SONEB	only for flights with with requested <b>min. FL140</b> and <b>via RKN or TENLI</b>

# Enroute Clearance

Clearance requests in Germany are very short. Please **avoid unnecessarily long clearance requests** to reduce frequency congestion.

“ **Pilot:** Mönchengladbach Ground, Brilliant 1009, stand A3, request enroute clearance, information M.

## Datalink Clearance (DCL)

Mönchengladbach also offers electronic datalink clearances (also known as PDC or Pre-Departure Clearance) on VATSIM using the Hoppie ACARS system. The station code is **EDLN**. If your aircraft does not have a direct integration of the Hoppie system, you can also use easyCPDLC.

Requesting clearance electronically is **preferred over voice clearances** as it reduces frequency congestion thus avoiding delays. Because of this, we ask all pilots able to use the Hoppie ACARS system to do so.

## Startup

Startup approval is the "go" from the controller's side to start your engines. It is also an **assurance that you will be cleared to start moving within the next 20 minutes**.

## Pushback

Pushback is not required as **all stands at Mönchengladbach are taxi-out positions**.

## Taxi

While Mönchengladbach's layout is relatively simple, it is still important to conduct a **thorough briefing of expected taxi routes** as well as **correct taxiing**. To avoid delays for yourself and other users, **start taxiing as soon as possible after receiving your taxi clearance** and **request taxi in a timely manner after your pushback**.

If you are unsure about your taxi instructions, **hold position and inform ATC immediately**.

# Takeoff

Mönchengladbach has only one runway which needs to be used for both departures and arrivals. While there is usually not too much other traffic, it is still important to **begin your takeoff roll as soon as you receive your clearance** and be prepared for immediate takeoff clearances, especially because Mönchengladbach procedures conflict with Düsseldorf procedures and there may only be a small gap to accommodate your departure. If you take too long, **ATC might have to cancel your takeoff clearance** and issue a go around for an arriving aircraft.

## Auto-handoff

Mönchengladbach utilizes an auto-handoff procedure for IFR departures where **Tower will not hand off outbounds to the approach controller**. As the airborne frequency changes depending on the operating direction and staffed positions at Düsseldorf, it will always be given to you by the Tower controller.

Contact the airborne frequency **immediately when airborne** unless explicitly told to remain on Tower frequency.



# Arriving Traffic

We ask all pilots to also read the [General section](#) with **information relevant to all pilots**.

## Arrival

### STAR assignment

You can usually expect not to fly your entire STAR and instead to get radar vectors.

### Descent planning

To avoid having to fly unnecessarily long finals, pilots should **plan to cross the following waypoints at the following altitudes**. Remember that all altitude changes require an explicit clearance by ATC.

- **ARPEG**: FL250
- **EKSAK**: FL260
- **RASVO**: FL200
- **TEBRO**: FL170
- **NVO**: FL70

## Approach

### Approach procedures

The approach into Mönchengladbach will usually be an **ILS approach**.

### Speeds

Pilots should **plan the following speeds**. Keep in mind that ATC instructions always take precedent.

- **Descent phase**: 250 - 300 KIAS
- **Base**: 220 KIAS
- **Turn to final**: 180 - 200 KIAS

There is **no restriction for maximum 250 KIAS below FL100** as the Köln/DüsseldorfTMA, which covers Mönchengladbach, is class C.

You need to follow all speed instructions precisely until they are cancelled by ATC to ensure separation. If you need to slow down earlier for any reason, **advise ATC immediately**, so they can issue an appropriate instruction.

## Taxi

While Mönchengladbach's layout is relatively simple, it is still important to conduct a **thorough briefing of expected taxi routes** as well as **correct taxiing**. To avoid delays for yourself and other users, **start taxiing as soon as possible after receiving your taxi clearance**.

If you are unsure about your taxi instructions, **hold position and inform ATC immediately**.

# VFR Traffic

We ask all pilots to also read the [General section](#) with **information relevant to all pilots**.

Mönchengladbach's airspace and general traffic levels make the airport **very friendly to VFR traffic** in the real world. As this is similar on VATSIM, controllers will usually be able to accommodate VFR requests. However, pilots should keep the **airport's location within the Köln/Düsseldorf TMA, Germany's most complex airspace**, as well as its **direct border to the Düsseldorf CTR** in mind.

## Airspace Structure

### CTR

The Mönchengladbach CTR has a **top altitude of 2000 ft MSL, about 1800 ft AGL**. Please pay close attention to setting the correct QNH and your altitude to avoid inadvertently entering **airspace C above**.

The following mandatory reporting points exist around the airport:

Reporting point	Use	Location
<b>G</b>	<b>Entry/Exit</b> from/to the S	industrial district Giesenkirchen-Nord
<b>K1</b>	<b>Entry/Exit</b> from/to the N <i>on K route</i>	quarry lake Kempen
<b>K2</b>	<b>Entry/Exit</b> from/to the N <i>on K route</i>	roundabout NW of St. Tönis
<b>M</b>	<b>Entry/Exit</b> from/to the NE	DHL distribution center Krefeld
<b>R</b>	<b>Entry</b> from the SW	highway A61 exit Wickrath
<b>W</b>	<b>Entry/Exit</b> from/to the W	highway intersection A52/A61

Keep in mind that ATC might instruct you to use a different reporting point than the one you requested, if necessary.

# Departure & Arrival

The **maximum altitude** for all departures and arrivals is 2000 ft AMSL.

## Traffic circuit

Mönchengladbach has a **recommended (albeit not mandatory) traffic circuit in the North and in the South**. Pilots should follow these circuits whenever no contrary instruction has been given by ATC. More information can be found on the [airport's website](#). The Northern circuit is at an altitude of **1200ft AMSL**, the Southern circuit is at an altitude of **1100ft AMSL**.

