



# **OPERATIONS MANUAL**

## **RULES AND STANDARD OPERATING PROCEDURE**

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**Welcome on board! This document will outline the general operating procedures and rules you should know when flying with DLH Virtual.**

# Contents

About us .....	3
Mission Statement.....	4
Why DLH Virtual?.....	4
Rules and Regulations .....	5
Landing Rate Limits .....	5
Flight Operations and How to Fly .....	5
How to Book a Flight.....	6
How to Fly using DLH Virtual's SimCARS .....	7
How to Fly using DLH Virtual's smartCARS .....	8
How to File a Manual Pirep .....	9
How to Use the Flight Briefing System for OFP .....	9
Exchangeable Aircraft.....	9
Pirep acceptance .....	10
Awards .....	10
Tours .....	10
Challenge's.....	11
Fleet tracker .....	11
Non flown Flights.....	11
Help Desk.....	12
Facebook.....	12
Discord .....	12
(Auto) Flight Assignment.....	12
Flown Route Map .....	13
Transfer Hours .....	13
Weather Map.....	13
Screenshot Centre .....	14
Pilot Shop .....	14
Adding charter flight .....	15
Online Flying on VATSIM or IVAO.....	15
Academy .....	15
News .....	16
Voting Centre .....	16
Airport Information.....	16
Staff Team.....	16
Others.....	16

# About us

## Founders of DLH Virtual

- ☐ Kristof Pencik/Founder
- ☐ Chris McWilliams
- ☐ Vivek Sheth

DLH Virtual was founded on September 3<sup>rd</sup>, 2013 and is proudly based on a well-known German airline.

Our virtual airline boasts a diverse pilot roster, with members from all parts of the globe who have varying levels of experience in flying. We are growing each day, with operations expanding to levels much higher than what we started out with. We are happy to provide our pilots with a custom simCARS and a smartCARS system so that they find filing pilot reports as small a hassle as possible.

At DLH Virtual, we make our presence felt across a wide range of operations, from scheduled passenger flights to charters, cargo operations and even unique tours, challenges and group flights tailed to best suit our aviation enjoyment.

# Mission Statement

Our mission is to become the best virtual airline possible. We realise to do so, staff and pilots must work together, hand in hand as a team and this is what we aim to do at DLH Virtual. We organise events, group flights and tours in order to make flying with us an enjoyable experience yet transform this hobby into a serious learning curve as well. For our Beginners we offer also Trainings Lesson.

## Why DLH Virtual?

DLH Virtual offers more than 6000 Routes according to Real World Lufthansa, Lufthansa City Line, Eurowings, Aerologic, Lufthansa Cargo, Air Dolomiti, Edelweiß, Austrian, Brussels and Swiss Timetables. Also a retro Fleet is offered to our Pilots.

The founders collectively decided to name the new VA - **DLH VIRTUAL** – which is incorporates the official call sign of Lufthansa (DLH).

Unfortunately Lufthansa isn't really interested in sponsoring or accepting any VA. Hence the name – DLH Virtual – without mentioning Lufthansa.

Nevertheless, the founders decided to operate this VA in line with the operations of real world Lufthansa. This means using real world timetables and aircraft.



## Rules and Regulations

1. After your registration has been accepted, you should make your **first flight within 5 Days after joining DLH Virtual**. If this is not possible please get in contact with your Hub Manager.
2. To remain active on the roster you have to fly at least **1 flight in the previous 30 days**.

Whenever you can't make the minimums you should contact your Hub Manager or one of our staff members. Also on our website you find a Holiday Request Form. Just fill it out and submit it. **If you are not active, not filed a Holiday Request or we didn't hear from you, your account may be deleted.**

3. **The following rules are mandatory:**
  - a. Time acceleration is not permitted
  - b. Slewing (Slew mode) is not permitted
  - c. Mid Air-refuelling is not permitted
  - d. Your landing rate must be below -550fpm
  - e. Pausing only within the Rules published in our FAQ

## Landing Rate Limits

Your Landing Rate is **below -550fpm** -> Everything's fine, **Pirep will be accepted**.

Your Landing Rate is **above -550fpm but below -750fpm** -> **Pirep will be rejected**, but you are **allowed to file a Manual Pirep**.

Your Landing Rate is **above -750fpm** -> **Pirep will be rejected**, **No manual Pirep is allowed**

## Flight Operations and How to Fly

As a pilot at DLH Virtual, you have access to two of our custom ACARS: **simCARS** and **Smartcars**

Both of them can be found on our download page in the "Cloud Pilot Centre".

FSUIPC/ and Microsoft .NET Framework is needed to use the ACARS software's. Should you have any problem using or getting the ACARS to work, kindly get in touch with a staff member who'll be able to help you.

[Link for FSX / FSXSE / Prepar3D V2.5, 3.0 3.1 and FS2004](#)

[Link for X-Plane](#)

## How to Book a Flight

1. At our Website -> sign in with your DLH Pilot ID \*\*or\*\* Email address and password.
  2. You will find the "Cloud Pilot Centre".
  3. On your left, click on Flight Operation
  4. In there you find the Module called "Flight Booking" where you can manage your bookings
- You may also use our Booking map. Click FLIGHT OPERATION's' / "Booking Map  
Click on one white dot. Then you will see all scheduled flights shown as green lines from this airport. When you click on another airport of your choice, all flights scheduled between the two airports will be shown. Click on DETAILS and you can book your flight.
  - You may fly it anytime within 24 hours from booking. After 24 hours your booking will be deleted.
  - **NOTE:** You may fly any aircraft you would like as long as it is similar to the scheduled aircraft. For example, if an A319 is scheduled, you may fly an A320, A321, ERJ or B737, but you are not allowed to fly a B777 when an A320 is scheduled! In that case your Pirep will be rejected. An equal aircraft list can be found in the cloud Pilot Centre -> Flight Operations



## How to Fly using DLH Virtual's SimCARS

1. Download and install our custom SimCARS from the Microsoft store via our [Download Center](#)
2. Check the instructions for our SimCARS which you'll find in our SimCARS FAQ [here](#)

**That's it! Congratulation! You have completed your flight with DLH Virtual!**



## How to Fly using DLH Virtual's smartCARS

1. Download and install smartCARS from the [Downloads Centre](#).
2. Once the installation is completed, log into smartCARS with your pilot ID and password.
3. After booking your flight via the "Cloud Pilots Centre", start your Flight Simulator and prepare your flight by loading up the correct amount of fuel for the flight, passengers, cargo and doing the necessary pre-flight procedures. As alternate you can also book your Flight direct in Smartcars (Flights ->New, ...)
4. When you are ready for push back, switch back to smartCARS, click on 'Flights' select your Flight and click on 'Fly'
5. Enter your cruising flight level i.e. '33000'. It can be changed during the flight as required.
6. Enter network you're flying on (Offline, VATSIM or IVAO), route (optional) etc.
7. Click on start and proceed with your flight.
8. At the end of the flight, when you have set the parking brakes and shutting down the engines, navigate to the smartCARS and click on "Finish" and "File PIREP"

**That's it! Congratulation! You have completed your flight with DLH Virtual!**





## How to File a Manual Pirep

1. Go to "Flight Operations" -> "Flight Booking"
2. On the Top switch to "My Bookings"
3. Check that your Flight is still there, otherwise just book it again.
4. On the right side select "File PIREP"
5. Some fields are now prefilled.
6. Enter the amount of fuel used.
7. Enter your flight time.
8. Route is **optional**.
9. In comments you just write the reason for filing a manual Pirep. **(Mandatory!!!)**
10. Then submit the Pirep and you're done.

**That's it! Congratulation! You have completed your flight with DLH Virtual!**

## How to Use the Flight Briefing System for OFP

1. Make sure you are "signed in" on our website.
2. Then head over to the cloud pilots centre and book a flight.
3. After that go to "View your bids" under Flight Operations then you should see your booked flight.
4. Then under options click on "Pilot Brief".
5. Here you can make some settings for your Flight planning
6. Last click on "Generate a Flight Briefing using simbrief" and you're done.

Check a Demo Flight Briefing package [here](#).

Note: Please make sure you have an account on [Simbrief](#) and you will be good to go!

## Exchangeable Aircraft

An Airbus A320 is scheduled but you only have B737 on you Sim? **No Problem!**

Here at DLHv you are allowed to exchange aircrafts. A list of allowed equal aircrafts can be found in the Cloud Pilot Centre -> Flight operations -> "Allowed equal aircrafts"



## Pirep acceptance

Every Pirep has to be checked by a Staff Member. We try our best to do this as soon as possible but in some cases it can take some hours. Don't wait for it - just continue flying.

When something is wrong with your Pirep we'll write a comment to your Pirep and you will be informed by e-mail. When you don't receive an e-mail -> everything is OK

## Awards

DLH Virtual offers a variety of awards. You will receive an award after your first 10 flights, 100 hrs and so on. For all Tours you will get an award as soon as the Tour is successfully completed. If you ever think you're missing an award, please open a Helpdesk ticket. After crosschecking your inquiry we will be glad to give you this award!

## Tours

DLH Virtual offers a variety of Tours to their pilots.

1. Go to "Cloud Pilot Centre"
2. Then hand over to "Flight Operations"
3. Select "Tours"

In this menu you see all Tours available. Just click on "Details" and then you can sign up for the Tour & directly book your flight there.

You don't have to fly the Tour Legs continuously. On most Tours we do offer flights back to our hubs and then you can go on with your Tour whenever you want. When filing the last Pirep of a Tour Leg, please mention in the comment box that this was the last Tour Leg of the Tour XY!

After you have finished the Tour you will get the appropriate Tour Award.

Every Tour has a progress bar where you can see the status of this Tour. Don't be nervous when a Pirep is accepted and you don't see it green here. It takes some time for the system to refresh this.



## Challenge's

Challenges are usually posted anytime during the month on our Website, Facebook Group & on our Discord. A challenge can be a Champions-League Match, new Aircraft Delivery, Inaugural Flights, Humanitarian Help Flight after a Hurricane or any other special flight.

## Fleet tracker

Can be found under Flight Operations; in there you can see our whole fleet as well as the last flight of a respective aircraft.

You can also open a detailed aircraft view on the right side. On the new site you see General Aircraft Infos. Also shown the latest 15 flights and the scheduled flights for this aircraft. If you like, you can also book your flight out of here.

## Non flown Flights

You are looking for Flights which haven't been flown in our Airline or by yourself?

A list can be found under Flight operations -> "Flight Booking"

Just select on the right Side "Self" or "Airline"



## Help Desk

You will find the Help Desk on the main website and also in the “Cloud Pilots Centre” under “Community”. Use this feature whenever you are in need of assistance. Our staff will get back to you as soon as possible!!!

## Facebook

DLH Virtual holds an own Facebook Group. Feel free to join us [CLICK ME](#)  
There you will find some announcements concerning News/Tours/Challenges/...  
Also you can find nice pics from all our Pilots.

## Discord

DLH Virtual holds also an own Discord Server. Feel free to join us [CLICK ME](#)  
There you find our latest News/Tours/Challenges and much more. Our community hopes to see your there.

## (Auto) Flight Assignment

You don't know where you want to fly next?  
Go to “Cloud Pilots Centre” -> “Flight Operations” -> “Assigned Flights”.  
There you will find “Advanced Settings” -> click on it.  
Here you can adjust your assignment as you like. When you are ready click “save Settings”.  
After that click on “Generate New Assignment” and the system will give you a Flight proposal.



## Flown Route Map

Cloud Pilot Centre -> Profile; Here you can see all your completed flights graphically displayed on an Map.

## Transfer Hours

After your first flight is done DLH Virtual credits pilots with max of 250 transfer hours from previous VA's, VATSIM or IVAO.

If you have any Questions regarding this matter, kindly get in contact with a Staff Member.

## Weather Map

You find it under Flight operations. In there you see the actual Weather worldwide and you can switch between different display options like temperature, wind, ...

**Hint:** On the left side you can also change the Altitude level of the displayed wind. This can be very helpful for your flight planning to avoid strong nose Winds.





## Screenshot Centre

We also offer you a Screenshot Centre. It can be found on our main Website under Cloud Pilot Centre or in our Cloud Pilot Centre itself in the topic "Community" Here a direct Link -> [Click me](#)

When a picture is uploaded a staff must approve it first before it becomes visible to all pilots.

The latest Screenshot is always shown on the Main Site of the Cloud Pilot Centre.

You can vote for the best picture by opening it & in the Screenshot Centre and click "boost Rating" .

The most boosted picture will be posted every week as our Facebook Banner and with a little bit of luck maybe also on Website or Teamspeak Banner.

## Pilot Shop

To spend your earned money we offer you a Pilot Shop where you can find nice items to purchase. Please note that these Items are virtual and will be not shipped to you in real life. Happy shopping ☺



## Adding charter flight

First of all you must have 50 Hours in your Logbook that this Module is switched to active for you. A maximum of **10 flights per month** are permitted.

If you don't find an appropriate flight in the schedule or you want to generate your own flights from somewhere to anywhere with i.e. B747, you can do it this way.

1. At the "Cloud Pilots Centre" go to "Flight Operation" -> "Charter a flight"
2. A form sheet will pop up. Click on the grey bar stating: "Add new Charter"
3. Fill information for:
  - Flight Number
  - Departure Airport
  - Arrival Airport
  - Departure Time
  - Arrival Time
  - Aircraft Type

If everything works fine, you will be guided to the next window that states: The flight i.e. "CH10002" was successfully added to your list.

Your flight is displayed below. You can directly book it from there.

## Online Flying on VATSIM or IVAO

DLH Virtual does not force its pilots to fly online, but you are more than welcome to do so.

We are an official VATSIM and IVAO Airline.

Pilots who are unfamiliar on how to fly or use these online networks are more than welcome to attend a training sessions. These training sessions are available on request. Contact a member of our Staff Team for more information.

**Once again, it is NOT compulsory to be a member of the VATSIM or IVAO networks to join DLH Virtual. We also accept offline flights.**

## Academy

You can find our [DLH Academy](#) at the "Cloud Pilots Centre" under "Community"

In the Academy you can sign up for Trainings.

Also you can find some Material for Study.

Whenever you participate on training ask your Trainer for the appropriate academy award.

## **News**

We offer you all up to date Information's in different categories.  
Short Notice Information's are directly in the Cloud Pilot Centre or on the main Website.

Information's splinted up can be found under the Topic "News".  
Here you find Info's for upcoming Group Flights (Events), New Destinations & Routes (Operational News) and many more. Each Hub Manager also got an own site where he offers you actual Information's and tips.

## **Voting Centre**

As we like to include our Pilots in some decisions for our VA we got an own Voting Centre. There you find Votings concerning general VA Topics as well as Event/Special Flight Destinations

## **Airport Information**

Our Airport Information System gives you a lot of data e.g. location of the airport in coordinates, current pilots located there and the METAR. Scheduled departures and arrivals (incl. booking possibility) you can find under submenus as well as recent flights and pilot infos.

## **Staff Team**

Our actual Staff Team can be found [here](#).

## **Others**

If you have further questions please check our FAQ which can be found in the Cloud Pilot Centre -> FAQ

Once again...it is not necessary to wait that your Pirep is accepted. You can start your next flight whenever you want.

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