

# The first flight with FTW:

## Attention this guide is still in progress, status: 10.06.2021

### Welcome newcomer!

So you found us and requested and got your account for FTW in the forum

(<https://forum.aiena.de/index.php?board/62-ftw-registration/>).

Please change your password the first time you log in and remember your new one.

If you have any questions, this wiki and the users and team members FTW-Discord

(<https://discord.gg/PPNDsSff24>) will help you.

### What do I do now in FTW?

Nobody can tell you that directly, FTW offers you all kinds of possibilities and many ways to reach self-set goals.

A first step would be a successful test flight.

So let's start there!

### Your first flight in FTW

First of all, make sure you have installed all the necessary software and tools to connect your

simulator to FTW (Downloads: [<https://ftw-sim.de/downloads/>]; Explanations:

[[https://wiki.ftw-sim.de/doku.php?id=handbuch\\_basics:yaacars\\_fuer\\_msfs\\_p3d\\_und\\_x-plane](https://wiki.ftw-sim.de/doku.php?id=handbuch_basics:yaacars_fuer_msfs_p3d_und_x-plane)]).

### How do I get an airplane under my butt in FTW?

Now rent a small plane from the FTW stick you have in the simulator.

In this example we rent a Cessna 172 and work off our first flight with it.

### Where can I find available airplanes and what important information do I need to know?

- For this you go to the button "Hangar"(1) in FTW, click on "Search" (2) and filter it for "Cessna 172 Skyhawk" (3).

- Now FTW shows you all Skyhawks that are available in the system.

The screenshot shows the FTW web interface. On the left sidebar, the 'Hangar' menu item is highlighted with a yellow box and a '1' next to it. At the top, the 'Suche' (Search) tab is highlighted with a yellow box and a '2' next to it. The search bar contains the text 'Cessna 172 Skyhawk' with a '3' next to it. The main table displays a list of aircraft. The table has columns for 'Kennzeichen' (Registration), 'S36', 'CYKA', 'Typ', and various status indicators. The table lists 11 Cessna 172 Skyhawk aircraft. A yellow line points from the 'Hangar' menu item to the table.

Kennzeichen	S36	CYKA	Typ	Status	Nein	Nein	Nein
C-BCC	S36	CYKA	Cessna 172 Skyhawk	99 % 08.2019	Nein	Nein	Nein
D-JE01	EDDM	EDDM	Cessna 172 Skyhawk	100 % 12.2018	Nein	Nein	Nein
D-EVPG	EDLI	EDLI	Cessna 172 Skyhawk	100 % 08.2021	Nein	Nein	Nein
D-DTD75	EDFE	EDFH	Cessna 172 Skyhawk	99 % 07.2021	Nein	Nein *	Nein
WAL-00002	UDSG	UNEE	Cessna 172 Skyhawk	99 % 09.2021	Nein	Nein	Nein
FTW-4298	EHBK	EDFE	Cessna 172 Skyhawk	99 % 06.2021	Nein	Nein	Nein
D-EKIF	LFMN	EDDS	Cessna 172 Skyhawk	99 % 11.2021	Ja	Ja	Nein
D-LS0975	EDQX	EDDN	Cessna 172 Skyhawk	99 % 10.2021	Nein	Ja	Nein
D-ELKU	EDWR	EDXP	Cessna 172 Skyhawk	99 % 07.2021	Nein	Nein	Nein
OE-7743	LOWG	LOWG	Cessna 172 Skyhawk	99 % 11.2020	Nein	Nein	Nein
R-SK270T	EDFU	EDLN	Cessna 172 Skyhawk	99 % 06.2018	Nein	Ja	Nein
D-AIR91	EDDC	EDDC	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein
D-EKIB	EDLE	EDKB	Cessna 172 Skyhawk	99 % 11.2020	Nein	Nein	Nein
D-LAA1	EDTM	EDJA	Cessna 172 Skyhawk	99 % 02.2020	Nein	Ja	Nein
JAS-010	CKD7	CYYZ	Cessna 172 Skyhawk	99 % 11.2021	Nein	Nein	Nein

- To see only rentable and also airworthy machines, you still have to sort the results.
- For this you have to consider three points: \ Does the machine have a current C-check (1), is it rentable (2) and is it currently rented (3)? \ You can sort the hangar by these tabs, just click on the appropriate table header (4).

Verwaltung										Suche	Extras							
Standort		Art des Flugzeuges auswählen		Lizenz...		Cessna 172 Skyhawk												
Kennzeichen										Typ	1	2	3	4	5	6	7	8
1	D-EAMS	LGIK	EDDG	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Ja	PPL-A									
1	D-AIR91	EDDC	EDDC	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A									
1	FTW-5981	YPPH	YBAS	Cessna 172 Skyhawk	99 % 12.2021	Nein	Ja	Ja	PPL-A									
1	D-EFTW	SSTB	SSTB	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Ja	PPL-A									
1	D-EPG1	EKCH	ENTL	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A									
1	F-TW2301	EDRE	EDNY	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Ja	PPL-A									
1	AAK029	DDT	PAHY	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A									
1	M-TA2308	VNJS	VNKT	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A									
1	D-EKBI	EDWO	EDDG	Cessna 172 Skyhawk	100 % 11.2021	Nein	Ja	Ja	PPL-A									
1	D-EGAT	LOLS	EDWI	Cessna 172 Skyhawk	100 % 11.2021	Nein	Ja	Nein	PPL-A									
1	D-EKIF	LFMN	EDDS	Cessna 172 Skyhawk	99 % 11.2021	Ja	Ja	Nein	PPL-A									

1. The c-check should be in the future. = valid
2. There should be a "YES". = rentable
3. There should be a "NO". = not rented at the moment \

- Now you select an aircraft whose location suits you and which is available.
- Aircraft that have "FTW Stock" in the last section of the table belong to the FTW system and have the standard rental price. Aircraft with a user name in the table may have very different rental prices.

The screenshot displays the FTW Wiki interface for aircraft management. The top section is a table listing aircraft with columns for registration, location, type, and status. The bottom section shows detailed information for a selected aircraft, including technical specifications, fuel status, and a 3D model view.

**Table 1: Aircraft Listing**

Kennzeichen	Typ	1	2	3	4	5
D-EAMS	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Ja	PPL-A
D-AIR91	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A
FTW-5981	Cessna 172 Skyhawk	99 % 12.2021	Nein	Ja	Ja	PPL-A
D-EFTW	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Ja	PPL-A
D-EPG1	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A
F-TW2301	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Ja	PPL-A
AAK029	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A
M-TA2308	Cessna 172 Skyhawk	100 % 12.2021	Nein	Ja	Nein	PPL-A
D-EKBI	Cessna 172 Skyhawk	100 % 11.2021	Nein	Ja	Ja	PPL-A
D-EGAT	Cessna 172 Skyhawk	100 % 11.2021	Nein	Ja	Nein	PPL-A
D-EKIF	Cessna 172 Skyhawk	99 % 11.2021	Ja	Ja	Nein	PPL-A

**Table 2: Aircraft Details (F-TW3724)**

Flugzeug-ID:	5623
Erstflug:	1981
Baujahr:	2021
In Produktion:	Ja
Langstreckenflugzeug:	Nein
ICAO designator:	C172
Werkstoff (ICAO):	KCEA
Antrieb:	Kolbenmotor
Anzahl Triebwerke:	1
Mindest-Landebahnlänge:	330
Reisegeschwindigkeit TAS:	122
Max. Speed (TAS):	145
Kaufpreis:	125.775 €
Treibstoff:	AVGAS 100LL
Treibstoffkapazität:	144 kg
Aktueller Tankinhalt:	75 kg
Verbrauch (kg/Std):	22 kg
Geladene Meilen (nm):	0
Beförderte Passagiere:	0
Beförderte Güter:	0 kg
Anzahl Flügel:	0

**Table 3: Verfügbare Sitzkonfigurationen**

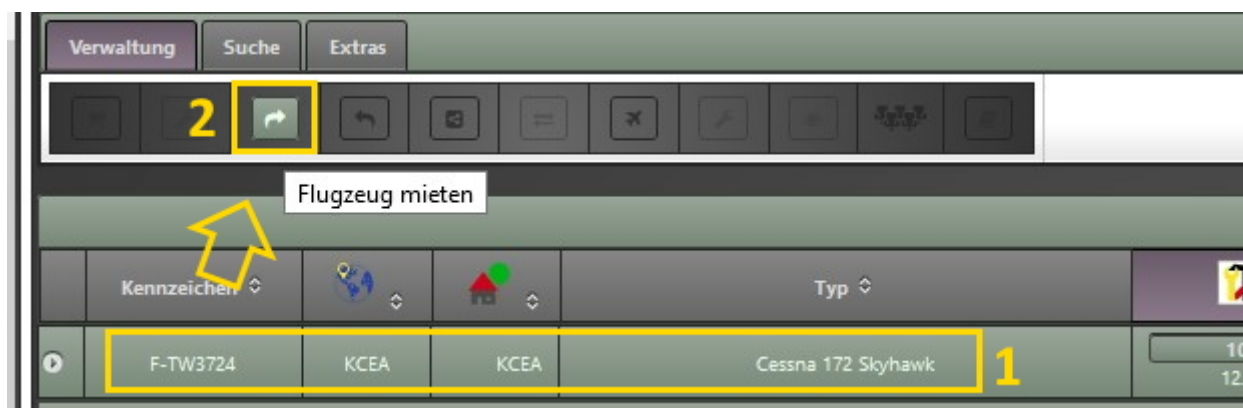
Bezeichnung	Max. Nutzlast	Preis	Arbeitszeit	KMP
C172 Bush Plane	225 kg	305 kg	1.000 €	10

1. First you click once on the selected machine in the list.
2. Then expand the info window with the arrow on the left side.
3. There you can see where the machine is currently located.

4. Here you can see how many seats the plane has, in this case three seats for normal passengers.
5. This is the rental price per flight hour (only the time in the air is counted).
6. In this section you can see the owner of the machine.
7. There you can see how much fuel is in the machine at the moment.
8. If there is not "Current configuration: None [..]" in the upper section, the machine has one of the available seat configurations below.

## How do I rent the machine now?

1. Select the aircraft in the list.
2. Click the "Rent aircraft" button.

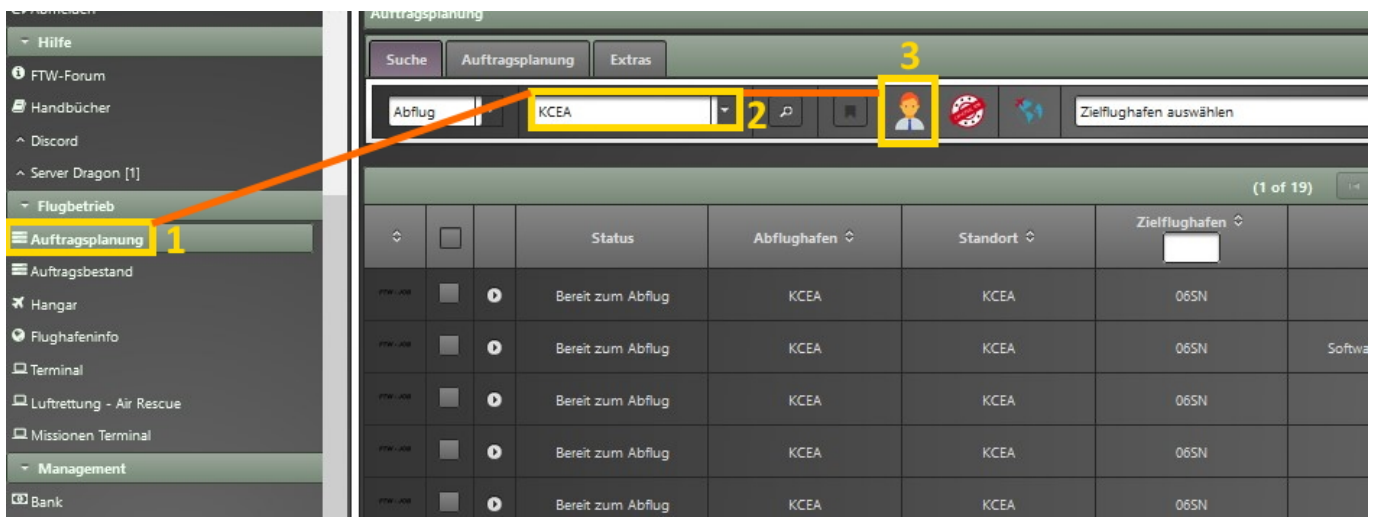


- This is what the confirmation of the rental looks like in the top right corner of the browser window, any error message would also be there.

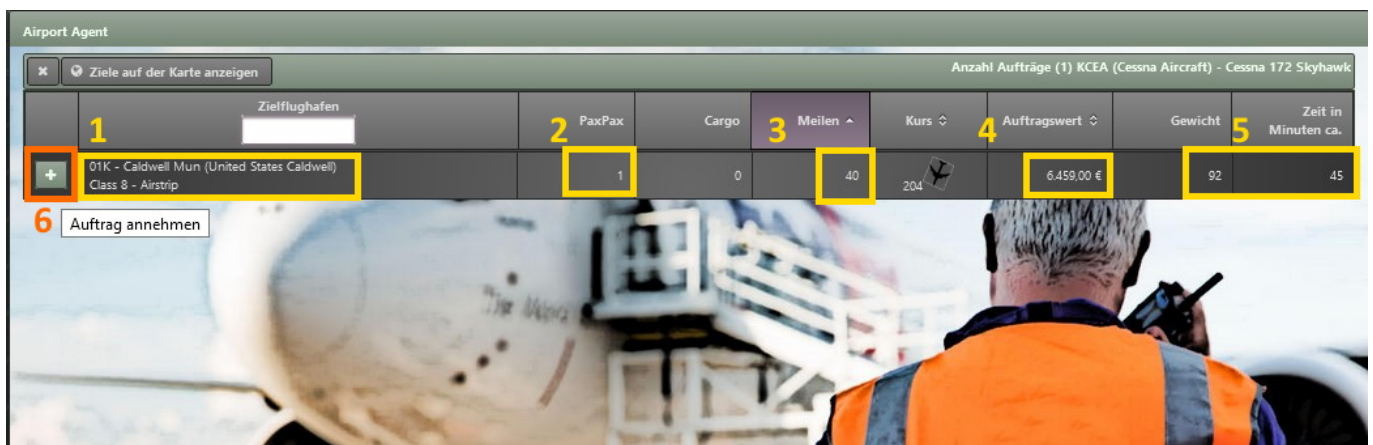


## Where do I get orders from?

- In the past you could simply load the FTW passengers at the location airport, but currently this is not allowed because there are still some bugs there.
- However, we have thought of you and have created 2 very good ways to provide you with orders, the agent and the charter orders. You can find more about that here: [types\\_of\\_jobs](#).
- In our test flight, we accept a job from the agent.



1. In FTW, go to the “Job Scheduling” button.
  2. Enter the ICAO of the aircraft location and click on the magnifying glass.
  3. Click on the agent icon.
- A new window will open where the agent will suggest jobs to you. For the sake of clarity, I have limited the selection here to one order.



1. The destination of the order
2. Number of passengers
3. Distance of the destination from the start
4. Order value of the transport
5. Weight and approximate flight time
6. The button to accept, you press now to accept the order.

**Now I have a plane and an order, how do I get it in the air?**



The screenshot shows the FTW Wiki interface for flight preparation. The top status bar indicates a balance of 15,065,000.00 €. The central table lists flight orders with columns for Status, Standort, Zielflughafen, Payload, Art, and various costs. The right panel is divided into three sections:

- Transportgewichte:** Lists weights for passengers (Economy, Business), cargo, and fuel. Total weight is 1,005 kg.
- Flugzeugdaten - Cessna 172 Skyhawk:** Provides detailed aircraft specifications including engine, fuel tank, and performance data.
- Abrechnung:** Shows a breakdown of costs for fuel, landing, and other services.

1. Click on Terminal in FTW
2. Check your orders
3. Here you can see the weights of the orders, the payment and also how much load and fuel you can still take.
4. Here you can find details about your rented aircraft, including the current fuel level.
5. Here you can refuel before takeoff or start the flight and send the data to Yaacars, so you are ready to fly.

## Continuation, see Yaacars and other wiki pages

[link to Yaacars page in wiki](#)

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<https://wiki.ftw-sim.de/> - FTWiki - das FTW Wiki

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