



Start your exciting career as a freelance bush pilot! Follow your aspirations to progress through the ranks and become an airline pilot!

Neofly features two separate modes:

Career mode: You start as a bush pilot who only has access to basic missions. As you complete missions you start to work your way up through the ranks while gaining money and XP. As you progress you will be able purchase new aircraft, gain higher qualifications, and fly new mission types!

Sandbox mode: You start as a wealthy Senior Captain. You are certified to fly any type of aircraft and fly any type of mission. You also have one million dollars just waiting to be spent on aircraft. Use your money wisely!

Neofly User Guide

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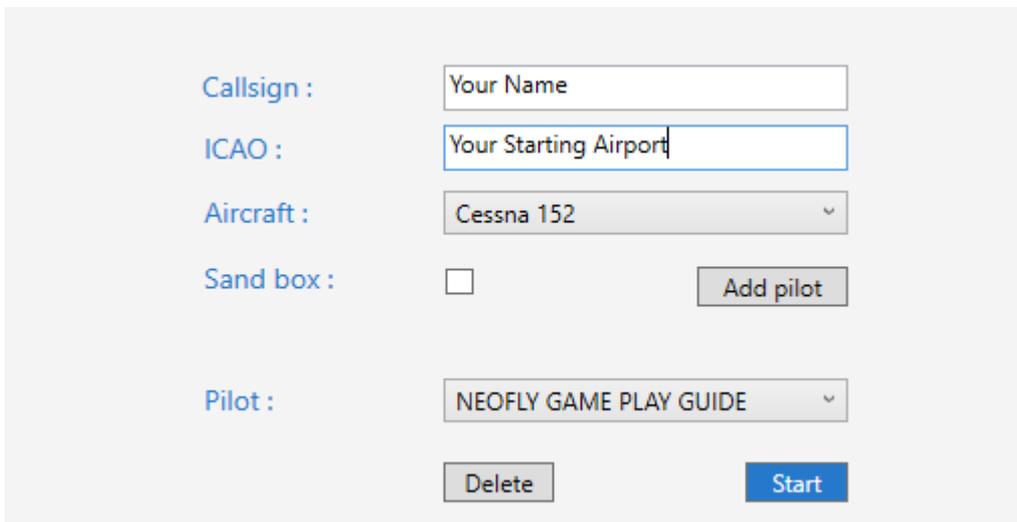
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Neofly Installation

There are 2 options to install Neofly. The 'auto-updater' version & 'folder' version. Both versions are exactly the same in game play, the only difference is how they install onto your computer. The auto-updater version will automatically check for updates and download them whenever you launch Neofly. The folder version will require you to manually download updates. We recommend installing the auto-updater version, but If you have any issues such as admin or permission rights, the Folder version could be for you. If you are struggling to install Neofly please let us know on discord so we can try to help.

Getting Started



The screenshot shows a form for creating a pilot. It has the following fields and controls:

- Callsign :** A text input field containing "Your Name".
- ICAO :** A text input field containing "Your Starting Airport".
- Aircraft :** A dropdown menu showing "Cessna 152".
- Sand box :** A checkbox that is currently unchecked, followed by an "Add pilot" button.
- Pilot :** A dropdown menu showing "NEOFLY GAME PLAY GUIDE".
- At the bottom, there are two buttons: "Delete" and "Start".

When you launch Neofly for the first time you will create your new pilot. You need to enter your:

Callsign: The name of your pilot or career

ICAO: This is the airport code where you will start. If you are unsure, Google your airport ICAO

Aircraft: You can choose 1 aircraft from the 3 listed. This will be delivered to your hangar free of charge.

Sandbox: If you want to start a sandbox career tick this check box.

When you have entered your details click **Add pilot**.

Once your pilot has been added you can select it from the menu and click **Start**.

Neofly Hub



The Neofly hub is where you control every element of Neofly, from selecting missions to maintaining your aircraft to checking your cash flow.. If you are playing Neofly for the first time, before you go any further, we recommend entering your [Bing Key](#). To do this, go to the [Settings Tab](#).

Missions Tab

The search tab is where you can search for missions, search for aircraft to buy & rent or move your pilot to another ICAO.

ICAO : Dist : Current pilot position:

Search return 46 missions available at EGCC



- In the top right you will see Current pilot position. This is the ICAO of where your pilot is.
- In the top left you can search any ICAO for missions and aircraft. Simply type in the ICAO code, add the search distance in miles and click search.
- If you would like to regenerate the mission list, click reset.
- There are 3 further filters to help search for missions, tick the ones you want to activate. Hard Surface Runways only, Mission that match current aircraft and pilot rank and Live emergency. (Live emergency uses Bing to generate missions based on real world events.)

Missions

There are 11 different missions in Neofly. Not all of them are immediately available in career mode, but as you progress and your rank increases the missions will start to become available. Any mission with a green marker next to it means you are eligible to take that mission. If it has a red marker, your pilot's rank is not yet high enough to take that mission.

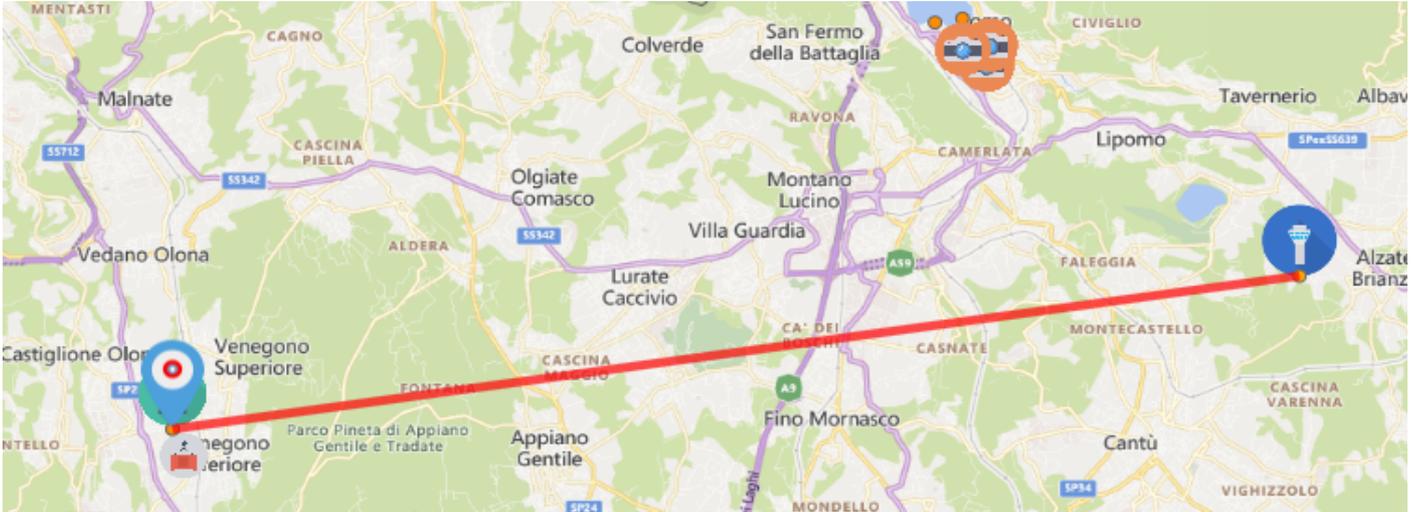
Your mission search table will look similar to this:

Mission	Rank	Cargo	Pax	Flight plan.	Dist.	Pay	XP	Expiration	Request
 		247	0	EGLL>EGVW	52	4893	65	11/5/2020 2:23:16 PM	Deliver before : 05/11/2020 14:23
 		126	0	EGLL>EGEB	35	4486	80	11/9/2020 1:20:52 PM	Touchdown with VS > -200fpm
 		94	0	EGLL>EGBO	92	11865	80	11/11/2020 7:20:52 AM	Touchdown with VS > -200fpm
 		350	2	EGLL>EGSS	36	4654	80	11/6/2020 1:20:52 PM	Bank & pitch plane < 45°
 		108	0	EGLL>EGBL	63	5844	65	11/5/2020 2:36:28 PM	Deliver before : 05/11/2020 14:36

In this search table you can see from left to right, rank eligibility (red or green), mission type, rank required, cargo weight, number of pax, departure & destination, distance, mission income, XP that will be gained, date & time the mission expires and mission requests.

You can filter the order of the missions by clicking the headers: Mission, Rank, Cargo, Pax, Dist, Pay, XP, Expiration & Request.

You can also search for missions by clicking on the map icons. This will highlight the mission in the search table.



Map Icons



Departure



Destination



Airport



Hard surface



ILS approach

Mission Types

There are many types of missions in Neofly. As you [Rank](#) up, different missions will unlock.



Cadet Missions



Cargo

A cargo mission involves loading up your aircraft with the cargo and flying it to the destination. You can see how much cargo each mission has in the search table.



PAX (Passenger)

A PAX mission is taking passengers from one airport to another. You can see the amount of passengers for each mission in the search table.



Mail Delivery

Mail delivery missions are similar to cargo missions except this time there is a deadline. The deadline (your local time) and mail weight can be found in the search table.



Emergency

An emergency mission will require you to fly out members of the emergency services to attend an incident. You will need to land anywhere within 3 miles of the marker on the map. You may get a bonus if you manage to land really close. If the live emergency check box is ticked the mission generated will use real world data for the incident.



Tourist

Tourist missions require you to fly your guests to a POI (Point of Interest). You will need to fly around the POI under 1000ft long enough for the tourist onboard to take their photos. When everyone has enough photos head back to base.



Second Officer Missions



Sensitive Cargo

Sensitive cargo missions require you to fly the payload to the destination and land softly to keep the cargo intact. You will need to land with a VS of less than -200. If your landing is too harsh the sensitive cargo will be ruined and the mission will be a failure.



Officer Missions



VIPs

VIP missions are like PAX missions except these passengers are very important people. You must fly them to their destination smoothly and without banking or pitching the aircraft more than 45°.



Captain Missions



Commercial Flight

Commercial flights are scheduled flights for airliners. These are generated from all airports but only fly into commercial hubs around the world. The hubs available are: LFPG, EGLL, UUDD, LIRF, JFK, LEMD, LPPT, KSFO, KLAX, EDDB, EBBR, LFML, LGAV, RKSS, LLBG, KATL, ZBAA, OMDB, RJAA, KORD, VHHH, OTBD, YSSY, HECA, GOOY, FAOR, NZAA.



Humanitarian

Humanitarian drops are only required in certain areas of the world. You may have to increase your search distance to find a mission. Fly the aid to the destination, when you near the target, fly below 1000ft so the drop can begin. Dispatch will inform you along the way. Watch out for missile fire! Some areas are more risky than others.



Pizza

Is it really just pizza? Best not ask! You will be joined onboard by a shifty looking character. You must fly below 500ft to avoid detection for the whole mission. When you are above the destination, the 'pizza' will be dropped. You then need to make your way back to base without alerting anyone.



Senior Captain Missions



Secret Passenger

Fly these passengers to their destination & don't ask any questions. It's probably best if you don't even look at them! These missions can only be flown after midnight.

Select a mission

To select a mission, right click. You will then have 3 options:

- Fly, you will fly the mission yourself. You will be taken to the [Flying Tab](#).
- Choose Plane & Crew to Fly

Hired pilots can fly any mission as long as they have the required rank. If you would like to hire a pilot you do so via Crew in the [Staff Tab](#).

If you have an aircraft at the ICAO you can choose a pilot to fly the mission for you. Click Choose Plane & Crew to Fly, then select the aircraft that you would like to be used. Then select the pilot from the list. Only pilots with a high enough rank will be displayed. Once selected, the hired pilot will take your chosen aircraft, load up and fly to the destination. You can keep track of your hired pilots in the [Hangar tab](#).

Mission	Rank	Cargo	Pax	Flight plan.	Dist.	Pay	XP	Expiration	Request
190	1	ED36>DROP	22	ED36>EDSW	85	\$7,943	65	2021-01-11 15:14	Land less than 2 n.m. from : 48.50:10.27
280	0	ED36>ED39	65	ED36>EDFU	63	\$5,969	65	2021-01-10 17:14	none
292	2	ED36>EDJU	58	ED36>EDGX	58	\$5,442	65	2021-01-11 01:14	none
110	0	ED36>EDGX	80		58	\$7,521	80	2021-01-10 18:14	Touchdown with VS <= 200fpm
247	0								

Request	Weight
Mudry Cap 10 C:3	0 lbs
Berlin	weight: 200
Ghostrider	weight: 205
Yoda	weight: 110

Rent a plane

You can rent an aircraft from the aircraft market. But there are some guidelines:

- Only you (your pilot) can fly a hired plane.
- You must already have the required qualification.
- You will pay 30% of the mission earnings in rental fees.
- You must have 1/3 of the aircrafts cost in the bank as a security deposit. This will only be charged if you crash

Aircraft Market

The aircraft market shows all the aircraft that are available to purchase at the ICAO you have searched. **To purchase** an aircraft, **right click** and select **Buy**. Remember you will need to pass a [qualification test flight](#) for aircraft in categories B, C, D, E, F before being allowed to fly missions.

Aircrafts available at this ICAO		Right click to buy						9000
Name	Cat.	Location	Type	Range	Max payload	Max pax	Cost	
Savage Shock Ultra		EGLL	Prop	323	670	1	45000	
Bonanza G36		EGLL	Prop	920	1050	5	210000	
Cessna 152 Neofly		EGLL	Prop	415	589	1	36435	

Transit Mission

Here you can move your pilot to another ICAO. Enter the ICAO you would like to move to, then you can click pay to get a cost to move your pilot, or click fly to transport yourself.

Transit mission

Set pilot position to :

Pay
Fly

Trading Tab

In trading you can buy and sell goods at the market.

The ICAO box shows the current market you are looking at. If you would like to search another market, type in the ICAO code then click Market. You can also set a radius to show the nearby markets/airports (Shown as an orange dot ●)

and filter hard surface runways. You can also see your current pilot position and your balance.

ICAO: EGYX Market See airports until: 100 \$ 555153 Pilot position: EDXC

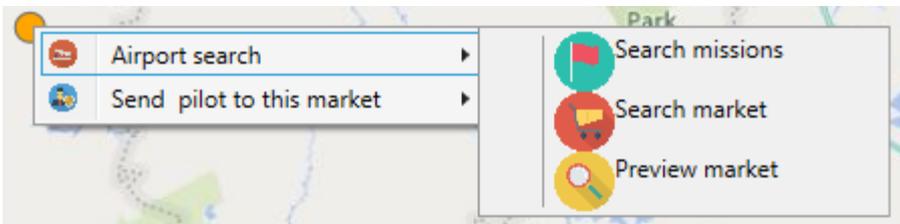
Search return 9 goods available at EGYX Fly to this market

Good	Type	TTL	Price/u	Weight/u	Quantity	Selected	Cost	Weight	Action	Location	
			92	1	1442	<input type="checkbox"/>	631	58052	631	Buy	EGYX
			43	0.3	790	<input type="checkbox"/>	0	0	0	Buy	EGYX
		48	5	0.4	1413	<input type="checkbox"/>	0	0	0	Buy	EGYX
		12	19	0.6	873	<input checked="" type="checkbox"/>	517	9823	310	Buy	EGYX
			617	0.5	676	<input type="checkbox"/>	0	0	0		EGYX
			18	2.2	1207	<input type="checkbox"/>	0	0	0		EGYX
			24	0.5	942	<input type="checkbox"/>	0	0	0		EGYX
			18	0.1	946	<input type="checkbox"/>	0	0	0		EGYX
			12	0.5	1226	<input type="checkbox"/>	0	0	0		EGYX

Aircraft: Cessna Skyhawk G1000 MACH I Goods total weight: 40

Good	Type	Buy price	Quantity	Exp. date	Selected	Income	Weight	
		1	40	12/24/2020 10:48:12 AM	<input type="checkbox"/>	0	0	0 Sell

You can also search the markets by Right Clicking the orange dot on the map. You will also have the option to search for missions, search the market and preview a market.



If you would like to compare 2 markets, double left click the orange dot which will bring up a Trading Preview window.

Trading preview

Goods found at EGJD

Good	Type	TTL	Price/u	Weight/u	Quantity	Action
			428	0.5	1035	
			911	20	868	
			1	1	1397	
		12	18	0.5	1445	
			93	1	554	
			44	0.3	1159	
		24	538	1	1288	
			70	0.3	1522	
		48	5	0.4	1703	
		12	20	0.6	1083	
		48	10	0.5	1539	
			142	0.1	311	
			17	2.2	948	

If you are searching a market for a particular plane via the hangar, you will also be able to send a hired pilot (if you have one available) in that plane to the selected market.

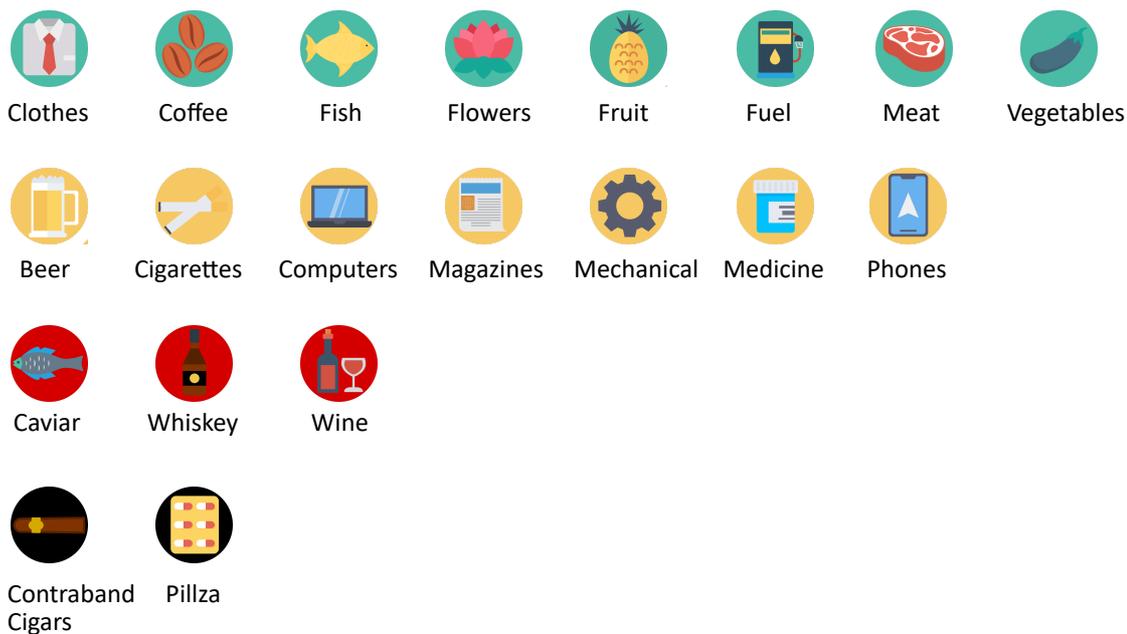
The screenshot shows a map interface with a search menu on the left. The menu has two options: "Airport search" and "Send pilot to this market". The "Send pilot to this market" option is selected, and a sub-menu is open showing a plane icon and the text "TBM 930:8" and "0 lbs". To the right of the map, there is a panel showing pilot information. It lists "Ghostrider weight: 205" and "Yoda weight: 110". Each name is accompanied by a small pilot icon and a horizontal bar chart with blue and green segments.

Buying and Selling

Goods

In the market table you can see what is available for you to buy and what you can sell. The items, price and quantity will vary at each market. The items are colour coded to availability.

Green = Plentiful Supply
 Yellow = OK Supply
 Red = Rare
 Black = Rare & Illegal



Type of Goods



Normal Cargo is well packed and travels nicely. No extra care is needed.

Sensitive Cargo will require extra care while flying. Your landing must not exceed -200VS or the goods will get damaged.

Perishable Goods have Time to Live (TTL) value in hours. If you don't sell these goods in time, they will be worthless.

Illegal Good - Do not get caught with these onboard. Stay below 1000ft to avoid detection.

Buying Goods

In the table you can also see the unit price (Price/u). The weight (Weight/u), and Quantity available.

Good	Type	TTL	Price/u	Weight/u	Quantity	Selected	Cost	Weight	Action
			908	20	1234	<input type="range"/>	0	0	Buy

To purchase goods, move the slider to the desired amount. The quantity, the cost and the weight will be calculated as you do so. If you want to add items in single numbers, click the horizontal bar on the slider. When you are happy with the amount, click buy. Remember, purchased goods are stored on your aircraft until you sell them and will affect the available payload.

Selling Goods

Not all markets buy all types of goods. You can see in the table what you can sell at the selected market along with the price they will pay.

Items that can be sold at the current market have a blue icon.

		12	0.5	1226	0	0	0	 EGYX
---	---	----	-----	------	---	---	---	--

Selling is just like buying. Select the plane from the drop down menu and adjust the amount, then click sell.

Aircraft: Cessna Skyhawk G1000 MACH I **Goods total weight:** 40

Good	Type	Buy price	Quantity	Exp. date	Selected	Income	Weight	
		1	40	12/24/2020 10:48:12 AM	<input type="text" value="0"/>	0	0	Sell

Flying Tab

The tracking tab is where you prepare and track your flight.

In the Briefing you can see the mission details. In this example, we have a cargo mission, the cargo weight 252lbs, no passengers, the flight departure & destination, the distance (12nm), the deadline and any special requests.

In the aircraft section you will be able to select any aircraft from your hangar that is located at the departure airport. You have to match the aircraft in Neofly to the aircraft being used in MSFS. If you are using a modified, 3rd party or aircraft with a livery, you may have to add it into the Neofly database before you can fly it. [See adding your own aircraft.](#)

Briefing

Mission: Cargo

Cargo: 252 lbs

PAX: 0

Flight: LILB>LILN

Distance: 12 n.m.

Deadline: 11/11/2020 17:47

Request: none

Connection status

MFS connection: ● Connect & fly

Aircraft: ●

Airport: ● Qualif. A

Motor on: ●

Parking brake set: ● No parking brake

Qualification: ●

Payload: ●

PAX: ● Events

Aircraft

Aircraft: Cessna Skyhawk G1000 MACH I **Payload:** 0

Qualification: A **Goods weight:** 40 **Mission weight:** 252 lbs

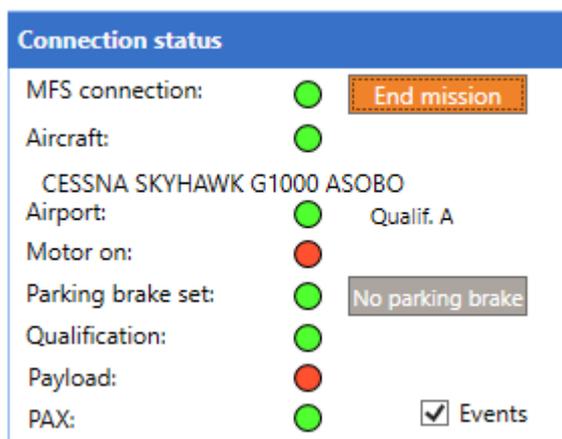
Fuel: 25 gb **Hull:** ● **Engine:** ● **Location:** LILB

Mission log

Mission briefing :

Connection status is where you connect Neofly to MSFS. When you click connect & fly a link will be established between Neofly and MSFS using simconnect.

When you are connected, Neofly will look at the mission, the aircraft and the pilot.



In this example we can see:

- We are connected OK
- Our plane in Neofly matches the plane we have selected in MSFS
- We are at the correct airport
- Our aircraft motor is off
- Our Parking brake is on (if your plane doesn't have a parking brake you can click 'no parking brake')
- We have the correct qualification to fly this aircraft
- Payload / cargo is not yet loaded
- We have enough seats for passengers (In this example we are not carrying passengers)
- ☑ Events checkbox - If you have a [random events](#) package installed you can choose whether to enable it or not

Payload / Cargo

To load the cargo for our mission we adjust the weight in MSFS. You can do this while in the world map or while sitting in your aircraft. When seated in your aircraft, go to the top of your MSFS screen with your mouse and your toolbar will appear.



Click the weight (highlighted in red) and a menu similar to this will appear.

FUEL		GAL <input checked="" type="checkbox"/> LB	
^ FUEL		50.00%	
LEFT MAIN	50.00%	14.00 gal	
RIGHT MAIN	50.00%	14.00 gal	
^ PAYLOAD		60.40%	
PILOT		170.00 lb	
CO-PILOT		0.00 lb	
PASSENGER LEFT		0.00 lb	
PASSENGER RIGHT		0.00 lb	
CARGO		252.00 lb	

To get your weight correct you will want to set **pilot weight to 170lbs**. Then **add the cargo weight** that your mission requires **plus goods weight**. In this example we need to add 252lbs. You can add weight to the passenger seats if you wish.

Goods Weight

In version 2.4 onwards, you will also need to add the weight of any goods you have onboard from the market.

Aircraft			
Aircraft:	Cessna Skyhawk G1000 MACH I	Payload:	0
Qualification:	A	Goods weight:	40
Mission weight:	252 lbs		
Fuel: 25 gb	Hull: ●	Engine: ●	Location: LILB

Takeoff

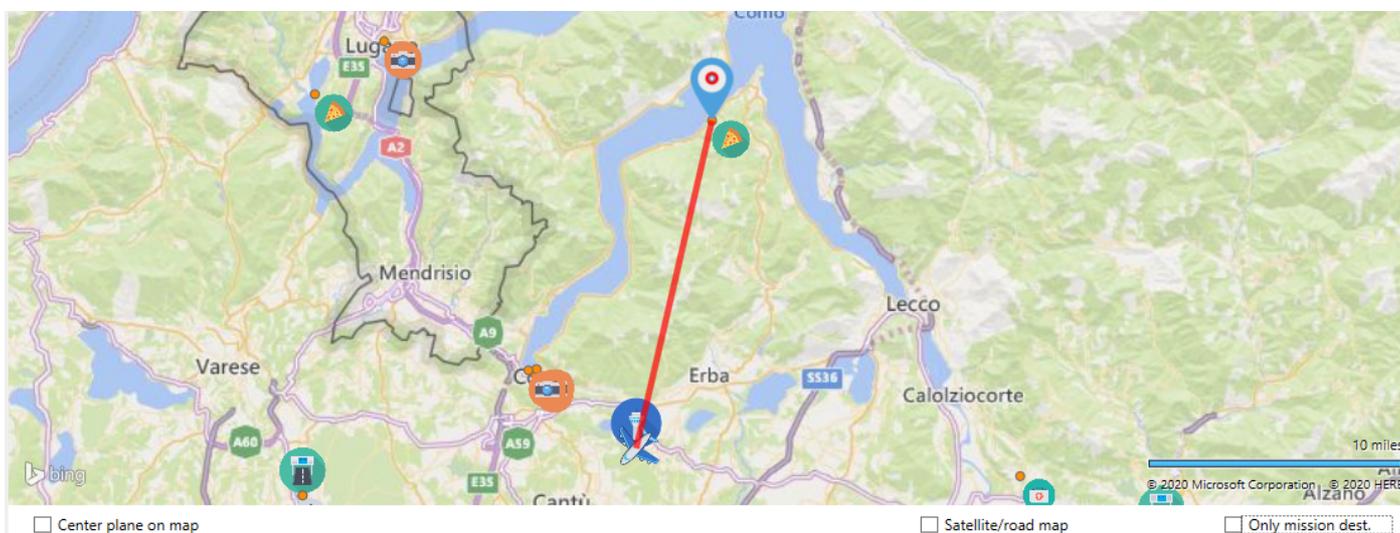
Briefing	Connection status
Mission: Carqo	MFS connection: ● End mission
Cargo: 252 lbs	Aircraft: ●
PAX: 0	CESSNA SKYHAWK G1000 ASOBO
Flight: LILB>LILN	Airport: ● Qualif. A
Distance: 12 n.m.	Motor on: ●
Deadline: 11/11/2020 17:47	Parking brake set: ● No parking brake
Request: none	Qualification: ●
	Payload: ●
	PAX: ● <input checked="" type="checkbox"/> Events

Aircraft	
Aircraft: Cessna Skyhawk G1000 Asobo	Payload: Current payload: 422 Expected: 422
Qualification: A	Location: LILB
Fuel: 28	Hull: ● Engine: ●

Mission log
19:28: Mission status : loading/boarding ok, waiting for take off
19:27: Mission status : loading/boarding
19:27: Mission status : motor on
19:27: Mission status : waiting for engine start at LILB
Type : Cargo FP : LILB>LILN Dist : 12 Request : none
Mission briefing :

When you have added your cargo and started your engine you will have all green lights. You will hear dispatch confirming everything is OK. Once you are given the all clear, push back, taxi and take off!

You can track your position on the live map. At the bottom of the map you have the option of satellite and road map, to centre the plane on the map and to show the destination icon only.



Random Events

If activated, you may hear dispatch informing you of an event or situation. This will happen randomly. Dispatch may ask you to change your destination airport because of a sick passenger, for example.

Not all 'events' are mandatory, in this scenario it's up to you to decide whether to divert or proceed to the original destination. Cash bonuses and extra XP could be gained if you choose to divert.

Landing

When you have successfully landed you will be asked to park the plane. Your mission log will show the details of the flight, whether it was successful or not and any bonuses to be paid.

Mission log
19:40 : Bonus landing OK : XP + 10% : 73
19:40 : Bonus comfort OK : XP + 10% : 66
19:40: Mission status : mission ended => success
19:39: Mission status : unloading/disembarking
Info : go to parking and set parking brake
Speed: 55 VS: -82.28
19:39: Mission status : landed at destination : LILN
Speed: 70
19:30: Mission status : airborne
19:28: Mission status : loading/boarding ok, waiting for take off
19:27: Mission status : loading/boarding
19:27: Mission status : motor on
19:27: Mission status : waiting for engine start at LILB
Type : Cargo FP : LILB>LILN Dist : 12 Request : none
Mission briefing :

Staff Tab



Pilot

Career

Here you can see your pilot's details which include: Your callsign, your XP, your cash, current ICAO & rank. These details will update automatically as you play.

Rank

There are 5 pilot ranks: Cadet, Second Officer, First Officer, Captain & Senior Captain. You will earn XP for each mission you complete. This XP goes towards improving your rank. You can see your current XP total and how much you need to earn to get promoted.

Career	
Pilot callsign :	NEOFLY GAME PLAY GUIDE
XP :	0 next rank at : 200
Balance :	10000 
ICAO :	EGCC
	 Rank : Cadet

As your rank increases, you unlock more mission types:



Cadet : [Cargo](#), [Pax \(passenger\)](#), [Mail Delivery](#), [Emergency](#) & [Tourist](#).



Second Officer: [Sensitive Cargo](#)



Officer: [VIP passengers](#)



Captain: [Commercial Airlines](#), [Humanitarian](#), [Pizza](#).



Senior Captain: [Secret passenger](#).

Qualifications

Qualifications is where you can see your current endorsements on your pilot's licence as well as taking pass test flights. To take a Pass Test flight you will need to own the correct category of aircraft for the test. To take a test, click Pass in the correct category. You will then be taken to the [tracking tab](#). Your instructor will tell you what you need to do. It's important you fly & land safely and don't bank or pitch too much or you may fail the test.

Qualifications

 A	 B	 C	 D	 E	 F
					

Statistics

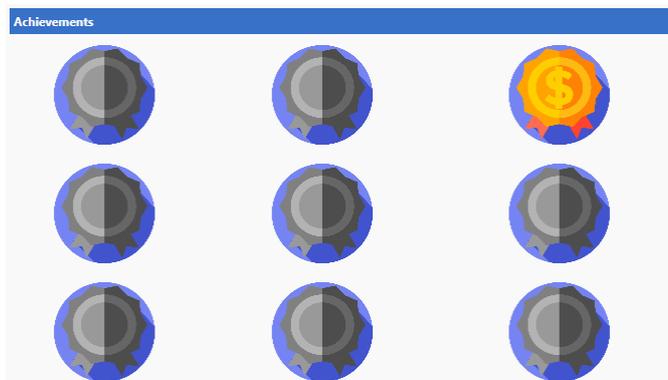
Here you can see all your career tally: Flight time, passengers, cargo, best reward, best XP, longest mission, successful missions, failed missions, crashes.

Statistics

								
97	85	27123	12092	94	253	102	8	6

Achievements

Here you will see all your career achievements.



-  The Bird: Fly more than 500 hours
-  The Bush: Fly more than 100 bush missions
-  The Cresus: Have more the \$100,000,000
-  The Globe Trotter: Fly more than 100 missions
-  The Alien: Hold all qualifications
-  The Transporter: Fly more than 1000 passengers
-  The Lifter: More than 100,000 lbs transported
-  The Professional: More than 200 successful missions
-  The Stuntman: More than 10 crashes

Crew & Job Market

The Job Market section is where you can hire pilots. Pilots are hired for a period of 24 hours for a set fee as shown. To hire a pilot, highlight your choice in the job market then right click and hire pilot.

The pilots can fly as many missions as you fit into the 24 hour period. You can see all your currently hired staff in the crew section, along with their stats.

Skill: This is how skillful the pilot is when handling the plane. This is particularly useful for bush pilot style missions such as drop zone and emergencies.

Efficiency: Efficient pilots are a good choice for Airliner, Express Cargo and Humanitarian missions.

A good balance of skill and efficiency is wise for all other missions such as Cargo & Passenger.

A pilots health will decrease the more they fly. As health decreases the more chance there is of the pilot making errors. losing bonuses or even crashing the aircraft.

Crew										
Name	Grade	Weight	Wages/day	Skill	Efficiency	Health	Status	Date hiring	Date end	Qualifications
Berlin	200	500						2021-01-06 12:11	2021-01-07 12:11	A B
Ghostrider	205	500						2021-01-06 12:16	2021-01-07 12:16	A C
Yoda	110	1300						2021-01-06 12:17	2021-01-07 12:17	A B C

Job market										
Name	Grade	Weight	Wages/day	Skill	Efficiency	Health	Status	Qualifications		
Maverick	190	500						A		
Goose	185	700						A B		
Iceman	180	700						A B		
Hurricane	120	700						A B C		

You can also see the pilots current status, hire start time and hire end time along with their qualifications.

Logs Tab

Here you will find details of all your missions flown. You can also show your flight log on the map to see where you have been flying by selecting 'show/hide logs on map'

Flight logs							
Date	Mission	Result	Flight plan.	Total dist.	Fly time	Pay	
2020-11-22			EDHK>EDXC	21	0	\$0	
2020-11-22			EDXM>EDHK	43	1	\$5,518	
2020-11-21			EDXP>EDXM	50	1	\$4,743	
2020-11-20			EDWI>EDXP	50	0	\$4,000	
2020-11-19			EDWQ>EDWT	30	1	\$3,912	
2020-11-19			EDVM>EDWQ	73	1	\$7,241	

Hangar Tab

In the hangar tab you will see all the aircraft you own.

Aircraft														Right click to manage	
Name	Cat.	Location	Status	Airframe	Fuel	Max. fuel	Buy/remove fuel	Hull	Engine	Range	Max payload	Max PAX	Insurance	Cost	
Cessna Skyhawk G1000 MACH UK		LIBO		28	25	0	OK <input type="text" value="0"/>			640	867	3		\$0	
Mudry Cap 10 C		ED36		112	70	273	OK <input type="text" value="70"/>			650	740	1		\$11,000	
TBM 930		ULOR		3	137	1,956	OK <input type="text" value="137"/>			1,730	2,765	5		\$1,701,053	
Cessna 152 aero		EDXC		0	101	188	OK <input type="text" value="101"/>			415	589	1		\$140,000	

You can see:

- Location: The current ICAO of the aircraft.
- Status:



Aircraft on the ground



AI flying a mission



Pilot (you) flying



Aircraft needs repair or overhaul

- Airframe: The time flown in hours.
- Fuel: The current fuel load, the maximum fuel capacity and buy / remove fuel.
- Hull: The condition of the hull.
- Engine: The condition of the engine.
- Range: The maximum range of the aircraft.
- Max payload: The maximum weight the aircraft can hold. (This varies in MSFS with the amount of fuel)
- Max Pax: The maximum number of passengers that can be flown.
- Cost: The purchase cost of the aircraft.

Fuel

To buy or remove fuel adjust the slider to the desired amount and click OK. The cost will be calculated and displayed. You can decide whether to proceed or not (Yes/No).

The fuel prices can be set by the user in the Settings Tab > [Fuel Prices](#).

Search for mission by aircraft

To search for a mission for any of your aircraft, right click and select Search mission at this location.

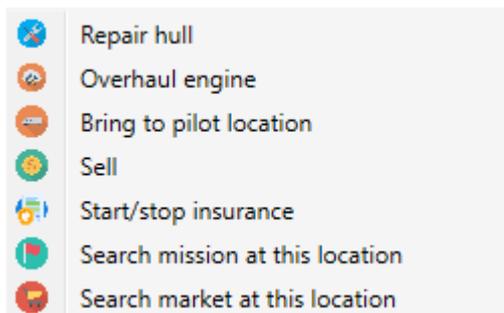
	Repair hull
	Overhaul engine
	Bring to pilot location
	Sell
	Start/stop insurance
	Search mission at this location
	Search market at this location

Maintenance & Repair

It's important to keep your aircraft in good flying condition. If you don't the aircraft will become unusable and may even fail mid flight. Hired pilots will refuse to fly if the values are below 25.

The hull & engine lights give you an indication of condition, if you want more detail hover your mouse over the light to get an exact value.

To manage your aircraft, right click and a menu will appear:



- You can pay to have the hull repaired
- Pay to have an engine overhaul
- Pay for the aircraft to be flown to the pilots location
- Sell the aircraft
- Start/stop insurance
- Search for a mission for the selected aircraft
- Search market at this location

Insurance

You have the option of insuring your aircraft. The insurance will cover the replacement cost of the aircraft in the event of a crash. The insurance can be started and stopped on a per mission basis. The cost of the insurance is dependent on the category of the plane, a percentage of the mission earnings will be taken. Cat A = 10%, Cat B = 11%, Cat C = 12%, Cat D = 13%, Cat E = 14%, Cat F = 15%

Name	Cat.	Location	Status	Airframe	Fuel	Hull	Engine	Range	Max payload	Max PAX	Insurance
Cessna 152		EGCC		0	0			415	589	1	

To insure your aircraft, right click the plane and then left click start/stop. You will see a certificate of insurance icon when your plane is insured.

Hired pilot log

In Neofly you can hire pilots for any of the aircraft you own. Here you can see details of any hired pilot missions. If a mission is currently active, your status symbol will be red and an ETA (estimated time of arrival) will be displayed.

Mission	Departure	Destination	Status	Distance	Aircraft	Pay	Date	ETA
	EFNU	EFSE		86	TBM 930 id: 8	8186	2020-11-26 11:01	2020-11-26 11:31
	EDXC	EDXM		56	Cessna Skyhawk G1000 MACH UK id: 2 0		2020-11-24 11:45	
	EDXC	EGYX		786	Cessna Skyhawk G1000 MACH UK id: 2 0		2020-11-24 11:24	

If you highlight an active mission by left clicking, you can track the aircraft on the map. If you hover your cursor over the aircraft the details of the mission will be shown



Jump to Cockpit

You can take over flying an aircraft that is currently being flown by a hired pilot. Highlight the current mission with a left click, then right click and select jump to cockpit.

Hired pilot missions										
Mission	Departure	Destination	Status	Dist.	Pilot	Aircraft	Pay	Info	Date	ETA
	EDXC	ESFQ		247	 Berlin	Cessna 152 aero id: 9	\$23,037		2021-01-06 14:49	2021-01-06 17:10
	EDYU	ED36		98		Mudry Cap 10 C id: 3			20-12-14 14:19	
				0						

You will be taken to the Flying Tab. Here you have to match the settings to the mission you are wanting to take over.

So like on a normal mission, within MSFS:

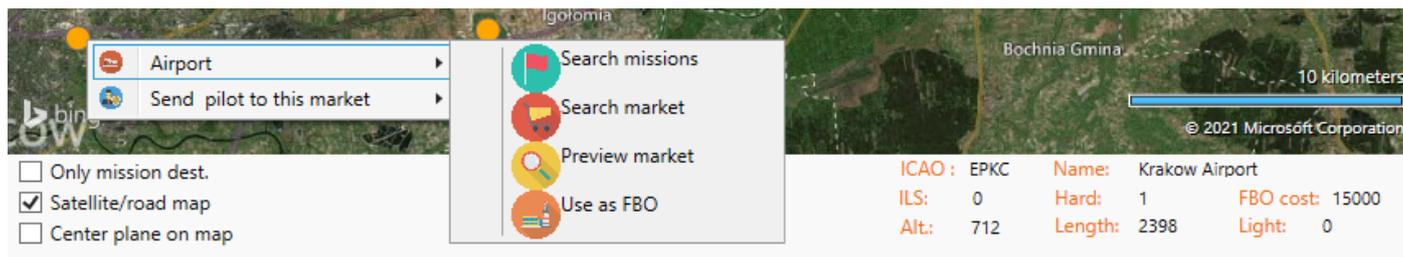
- Select the correct plane, select any airport as departure (but DO NOT select the airport you will be landing at) and click fly.
- Add the goods weight & mission weight as per the mission brief.
- Start up the plane (if it isn't already).
- If you are expecting to jump to a cold or dark part of the world you might want to select suitable lighting and de-icing.
- Press active pause
- Deactivate the parking brake
- Click Connect & Fly and you will be 'teleported' to the cockpit of the plane currently controlled by AI.
- Adjust your throttle to suit the situation
- Press active pause again and you have now taken over the plane.
- If you wish, enter a flight plan into the GPS and land as normal.
- A 10% bonus will be awarded if you complete the mission yourself.
- Once you have landed, you (your pilot) will be back at the original location before taking over. You can then choose to carry on your own flying your own missions or jump into another AI cockpit and land again.

FBO

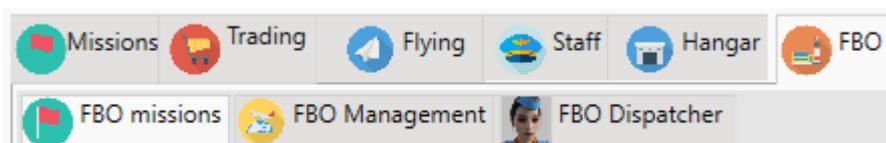
Fixed Base Operator is an optional add-on for Neofly. The FBO pack allows you to rent and operate from multiple FBOs. You can create your own missions and hire FBO dispatchers which will bring bonuses and discounts.

To purchase or to enter your FBO registration code please go to the [Settings Tab](#).

To add an FBO, right click on any airport (orange dot). Check the information in the bottom right to make sure it meets your requirements and select 'Use as FBO'. The weekly rental will be confirmed. You will be charged every week unless you remove the FBO.



Once you have an FBO you will be able to create your own missions and hire dispatchers.



The first tab you will want to look at is FBO Management. Here you can see details of all your FBOs and FBO lines (mission lines).

FBO (to add a FBO, right click on an airport)																
ICAO	Dispatcher	Stock				Runways			Longest length	Longest width	Altitude	Rent cost	Last pay	Name	City	
EPKK	Emma	20	0	20	89	1	0	1	1	8359	186	785	25000	2021-01-19	Balice	Krakow

FBO Management

FBO Stock

FBO stock is a way to generate more income and automate repairs.

There are 4 types of 'stock'. Magazines, Caviar, Whisky & Mechanical parts.

Magazines will keep passengers (PAX) happy. Passengers with a magazine become a deluxe passenger and will pay more to fly.

Caviar will keep VIPS happy and will become deluxe VIPS, which will pay more.

Whisky will make Airline passengers happier, they will pay more and become deluxe airline passengers.

Mechanical Parts, these will be used to automatically repair and maintain your aircraft. You will need an FBO Dispatcher to oversee the work and enough parts to complete the job. So if your aircraft engine is at 40, you will need 60 parts (40+60=100) for the repair to take place.

FBO stock can be bought at the [trading markets](#) like all goods. To add stock, fly the purchased goods to the FBO and you will have the ability to unload from the Trading Tab.

Aircraft: TBM 930

Good	Type	Buy price	Quantity	Exp. date	Selected	Income	Weight
		10	10	2/19/2021 3:00:33 PM	0	0	0

Sell FBO

Select the amount you would like adding to the FBO and click the FBO button.

FBO Lines

FBO lines are a way of generating your own missions.

FBO lines

Create a FBO line

FBO departure	ICAO arrival	Mission type	Max. pax	Max weight	Price	Est. price
LKPR	EPKK	PAX	4	0	20001	\$17,034

Est. price Add

FBO	Dest.	Mission	Max. pax	Max. weight	Price	Est. price
EPKK	LKPR		12	0	24000	19164
EPKK	LKPR		5	500	27500	19164

- First select your FBO,
- Then your ICAO of the airport you want to fly too.
- Then select the type of mission from: Cargo, PAX, VIP, Express, Sensitive & Airline.
- The number of passengers
- Maximum mission weight
- Price. This is the price you are willing to fly for.
- Estimated Price. This price is a guide of what your clients are likely to pay. You can make the actual price anything you wish, but if it's too high, you will not get any jobs or missions.

When you have entered the details click add. This will create the FBO line.

If you now go to the FBO Missions tab and click refresh you will see a list of missions waiting to be flown with the price. If you have a dispatcher that is good at negotiating the price will be higher. (If you have set your price too high, you might not see any missions). As with all missions, you can choose to fly yourself or let one of your hired pilots fly them for you.

To do this, highlight the chosen mission, right click and select your method of carrying out the mission.

Mission	Rank	Cargo	Pax	Flight plan.	Dist.	Pay	XP	Expiration	Info
	274		2	LKPR>EPKK	213	\$24,151	65	2021-01-26 12:11	Deluxe PAX
	660		4	LKPR>EPKK	213	\$24,151	65	2021-01-26 07:11	Deluxe PAX
	708		0	LKPR>EPKK	213	\$21,000	65	2021-01-25 21:51	Deluxe PAX
	424		0	LKPR>EPKK	213	\$21,000	65	2021-01-25 21:39	Deluxe PAX
	244		2	LKPR>EPKK	213	\$24,151	65	2021-01-25 21:11	Deluxe PAX

Context menu options: Fly, Choose plane and crew to fly

Selected options: TBM 930:8 Magazine 2 lbs

Weight info: Yoda weight: 110, Razor weight: 110

You will also be able to see if any missions have been upgraded to deluxe. Beware, everytime you generate missions your stock will be used. Generate missions wisely.

FBO Dispatchers

FBO Dispatchers look after your FBOs and can negotiate deals on fuel, mission payments & rewards. They can also be economical with FBO stock and mechanical parts.

Dispatchers									
Name	FBO	Wage	Bon. fuel	Bon. Mission	Bon. reward	Bon. deluxe	Bon. mech.		
	EMPKK EPKI <input type="button" value="Send"/>	\$1,200							
	LKPR <input type="button" value="Send"/>	\$800							
	<input type="button" value="Send"/>	\$750							

Each dispatcher has their own skill set.

- Bonus fuel: Buy fuel 50% cheaper.
- Bonus mission: The Dispatcher will negotiate higher payments for missions.
- Bonus reward: Bigger bonuses will be awarded for completed missions.
- Bonus deluxe: Less stock will be used for your deluxe passengers.
- Bonus mech: Less parts will be used when maintaining and repairing your aircraft.

You hire dispatchers on a week by week basis and can send them to any of your FBOs by selecting the FBO and clicking send.

Finances Tab

Balance

Here you can see a list of all your income and outgoings. This will be items such as, purchases, landing fees, staff wages.

Balance				
1100246				
Date	Description	Income	Outgoing	
24/10/2020 08:16	Payment for mission: Cargo	2071	0	
24/10/2020 08:16	Hire pilot wages:	0	518	
24/10/2020 08:26	Payment for mission: cargo	2544	0	
24/10/2020 11:47	Payment for mission: Cargo	6003	0	
24/10/2020 11:47	Hire pilot wages:	0	1501	
24/10/2020 14:56	Payment for mission: sensitive cargo	4831	0	
24/10/2020 15:12	Hire pilot wages:	0	1827	

Loans

Loans can be taken to purchase anything within Neofly. This could be market goods, aircraft or even fuel. To take out a loan, highlight the loan you would like with a left click. Then right click and execute loan.

Loans

ID: 3
Payment Amount: \$20,000

Pay

Start Date	Amount	Interest Rate	Balance	Payment Due
2020-12-10	\$60,000	5.00%	\$0	
2020-12-10	\$83,174	1.00%	\$73,174	2021-01-10
2021-01-06	\$101,109	11.00%	\$101,109	2021-02-05
Available	\$184,199	6.00%	\$0	
Available	\$155,108	1.00%	\$0	
Available	\$147,829	9.00%	\$0	

To pay back a loan. Highlight the loan with a left click, move the slider to adjust Payment Amount. Once you are happy with the amount click 'Pay'.

Settings Tab

Your Bing Key

This is where you enter your own Bing Key. Simply paste it into the box and click save.

Bing key

Your Bing Key - Your Bing Key -

Save

Adding Your Own Aircraft

This is where you can add your own aircraft into the Neofly database.

Name: This name must be the same as the MSFS name for the aircraft.
 Type: The engine type, see below.
 Engines: The number of engines.
 Qualification: The qualification required to fly this aircraft.
 Range: Maximum range in nautical miles.
 Payload: Maximum payload in lbs.
 Pax: The number of spare seats available.
 Cruise Speed: The cruise speed in ktas.
 Fuel Capacity: Fuel capacity in lbs.

When you click add, Neofly will place the new aircraft into the database and it will start to show in the aircraft market. Neofly will set the cost of the aircraft for you. Remember if you want to fly it, you have to buy it. The plane will start to appear in new searches.

Prop with 1 engine = Qualification A.

Prop with 2 engines = Qualification B.

Turbo Prop with 1 engine = Qualification C.

Turbo Prop with 2 engines = Qualification D.

Jet with 2 engines = Qualification E.

Airliner with 2/4 = Qualification F.

Aircraft									
Name	Type	Engine	Qualif	Range	Payload	Pax	Cruise speed	Fuel	
<input type="text"/>	Prop ▾	1 ▾	A ▾	<input type="text"/>	<input type="button" value="Add"/>				

Liveries

To use custom liveries in Neofly you need the aircraft titles from MSFS to match with Neofly.

You'll have to find the 'aircraft.cfg' of the livery that you want to use with Neofly, and rename the title line to match with the default plane. The aircraft.cfg is where your mod is installed, in your community folder.

```
[FLTSIM.0]   DEFAULT
title = "Cessna 208B Grand Caravan EX" ; Variation name
```

```
[FLTSIM.0]   AVIATOR'S CLUB
title = "Cessna Grand Caravan Aviators Club Livery" ; Variation name
```

In this example, the C208, on the left is the default 'aircraft.cfg', on the right is the custom livery 'aircraft.cfg'. The right title must be renamed to match the left one, with the livery name AFTER the aircraft name. In this case, I could rename it 'Cessna 208B Grand Caravan EX Aviators club'.

Adding an Airport

Here you can add an airport into Neofly. It doesn't even have to exist in real life! You need to enter an ICAO code, the name of the airport, the latitude & longitude, select whether the runway has a hard surface or not and the longest runway. Click add when you have entered all the details.

Airport						
ICAO	Name	Lat	Lon	Hard surf.	Longest runway (meters)	
TIGR	Tiger International	51.5011	-0.14235	Yes ▾	1000	<input type="button" value="Add"/>

Events

This is where you can purchase additional content and install it. Clicking Buy will take you to the online store. Clicking install will place the files and folders in the correct location within Neofly.



BUY

Events

Once activated, you may hear dispatch informing you of an event or situation. This will happen randomly. Dispatch may ask you to change your destination airport because of a sick passenger, for example.

Not all 'events' are mandatory, in this scenario it's up to you to decide whether to divert or proceed to the original destination. Cash bonus's and extra XP could be gained if you choose to divert.

Install Events

FBO

Buy & enter your registration key to unlock FBO features.



BUY

Register

FBO

With FBO (Fixed-Base Operator), you can create and manage your own mission lines. Mission lines can be cargo, sensitive cargo, express delivery, PAX, VIP and airline. Choose the right dispatcher to get a price, fuel or repair bonus. Now, you can fly where you decide too.

Register key :

Dark mode
 In game text
 Event probability
 GA fuel cost/lb
 Jet fuel cost/lb

Dark Mode

Towards the bottom of the window in settings tab you will see a checkbox to enable dark mode. Click the checkbox to turn dark mode on and off.

In Game Text

Turn on and off in game text. This will be text shown on screen such as your landing VS.

Event Probability

The probability of an event triggering while in flight. eg 1 in 10 chance (10%). This can be altered to your liking.

Fuel Prices

GA and Jet fuel prices can be entered here. Neofly will use these figures to calculate your fuel costs.

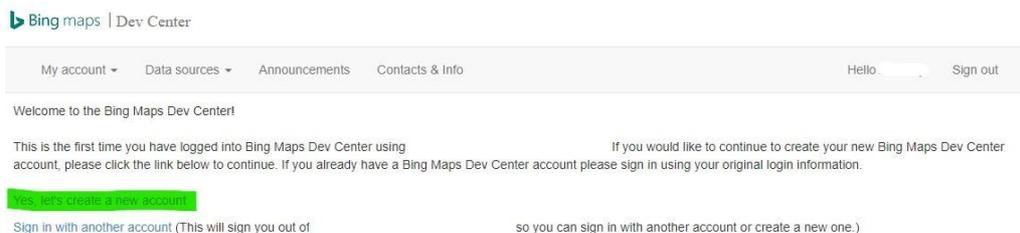
? Info

Here you can read about the latest Neofly updates. You can also find links to: [Donate](#), Website, Discord & Contact Neolord.

Getting a Bing Key

A Bing Key is required to pull data from Bing to generate missions and data within Neofly. Don't worry, Bing keys are free!

- Go to <https://www.bingmapsportal.com/>
- Click yes, let's create a new account. Fill out your details.



- Click My Account / My Keys and fill out the details and click create.

My account ▾ Data sources ▾ Announcements Contacts & Info

My

Account Details
My Keys
Reports

Create key

Application name *
Neofly

Application URL
Enter application URL

Key type * [What's This](#)
Basic

Application type *
Windows Application

Create Cancel

* Required field

To create Education, Broadcast or Not-for-Profit keys, please contact the Bing Maps account team at mpnet@microsoft.com.

- Click show key, then copy the key by highlighting it, right click copy. (Some browsers will let you click the copy key button)

Application name	Key details	Enable Preview for All Keys
Neofly	Key: Show key Application Uri: Key type: Basic / Windows Application Created date: 10/23/2020 Expiration date: None Key Status: Enabled Security Enabled: No	Update Copy key Usage Report Enable Security Enable Preview

- The Bing Key can now be pasted in to place in the [Setting Tab](#).