

# Flight plan

**A flight plan specifies how a flight is planned to be conducted.** Along with the callsign and aircraft type, it also includes the planned route, altitude, and speed. This ensures that both the pilot and the controller are on the same page with the flight's planning.

Flights under Instrument Flight Rules (IFR) are always required to file a flight plan, whereas flights under Visual Flight Rules (VFR) have the option to do so.

On VATSIM, it is important to note that once a flight plan has been edited by a controller, the pilot can no longer modify it themselves!

## Flight plan format

The format of flight plans is identical worldwide and prescribed by ICAO. It's possible that a flight plan may not appear in the classic input fields but instead in the following format. This format includes all the key information that air traffic control needs to know from the pilot:

```
(FPL-DLH5YK-IS  
-A320/M-SDE3FGHIRWY/LB1  
-EDDF1220  
-N0444F230 CINDY3S CINDY Z74 HAREM T104 ROKIL ROKIL1B  
-EDDM0105 EDDS  
-PBN/A1B1C1D1O1S1 DOF/210625 REG/DAIZD RMK/TCAS)
```

However, since this format can be somewhat unclear and prone to errors during manual entry, VATSIM provides both controllers and pilots with various input forms for the flight plan (see below)

## Flight strip

Controllers on Euroscope see the most important information from the flight plan on the flight strip. This can be displayed by pressing the F6 key.

```
DLH5YK | I | 040 | CINDY3S CINDY Z74 HAREM T104 ROKIL ROKIL1B  
A321/L | EDDF EDDM | 230 | PBN/A1B1C1D1O1S1 DOF/210625 REG/DAIZD RMK/TCAS /V/  
A444 G0 | EDDS | 230 | PBN/A1B1C1D1O1S1 DOF/210625 REG/DAIZD RMK/TCAS /V/  
A321 = AIRBUS, A321 (medium landplane, 2xjet, unknown), EDDF = FRANKFURT/MAIN (Germany), EDDM = MUNICH (Germany)
```

*Euroscope flight strip for a flight from Frankfurt to Munich.*

# Flight plan fields for controllers

In most cases, the standard Euroscope flight plan window is used to process flight plans. With the **TopSky plugin**, there is also a separate flight plan window for controllers. The content is mostly the same but displayed differently. The following lists mainly refer to the Euroscope flight plan window. It's important to note that these differ from the official ICAO flight plan form!

CallsignDLH5YK

☒ IFR☐ VFR

AP dataA321/L

OK

OriginEDDF

DestinationEDDM

AlternateEDDS

Cancel

TAS444

Altitude23000

Squawk1000

Set squawk

Dep. EST1220 Z

Actual0 Z

Temp alt40

Set temp alt

Enroute1 H5 M

Fuel2 H5 M

RFL

Set RFL

RouteCINDY3S CINDY Z74 HAREM T104 ROKIL ROKIL18

| Waypoint | Airway  | Comment | Waypoint | ETA   |
|----------|---------|---------|----------|-------|
| EDDF     | CINDY3S | ok      | DE18     | 14:07 |
| DE18     | CINDY3S | ok      | DF158    | 14:08 |
| DF158    | CINDY3S | ok      | DF159    | 14:09 |
| DF159    | CINDY3S | ok      | AMTIX    | 14:13 |
| AMTIX    | CINDY3S | ok      | CINDY    | 14:14 |
| CINDY    | Z74     | ok      | HAREM    | 14:16 |
| HAREM    | T104    | ok      | ELMOX    | 14:19 |
| ELMOX    | T104    | ok      | PIGAB    | 14:22 |
| PIGAB    | T104    | ok      | DKB      | 14:23 |
| DKB      | T104    | ok      | LEVBU    | 14:24 |
| LEVBU    | T104    | ok      | ANDRA    | 14:25 |
| ANDRA    | T104    | ok      | XERUM    | 14:27 |
| XERUM    | T104    | ok      | BURAM    | 14:28 |
| BURAM    | T104    | ok      | WLD      | 14:29 |
| WLD      | T104    | ok      | ROKIL    | 14:30 |

RemarksPBN/A1B1C1D101S1 D0F/210625 REG/DA1ZD RMK/TCAS /V/

Euroscope flight plan

14:05:51

CRE

MOD

Find

Force

Cancel

Cancel

CREAPL

Cancel

Cancel

Cancel

CallsignDLH5YK

FRULI

FTYP

NRAC1

ATYP/WA321

/M

EQCST

W/EQY/EQU/UNR/EQP/EQ

E0BD210625

E0BT1220

EQUIP

SDE2E3FCIJ1RWY

/H

ADEPEDDF

ADESEDDM

EET0105

ALTNEDDS

ETD0000

ETB

TASN0444

RFLF230

RTECINDY3S CINDY Z74 HAREM T104 ROKIL ROKIL18

OtherPBN/A1B1C1D101S1 D0F/210625 REG/DA1ZD RMK/TCAS /V/

SUPE/0205 C/1288197

PSSR

ASSRA1000

PEL/CFLA40

TypeFPL

StatusFREE

ETN

COPN

ETX

COPK

LFUNC

1/1

INI

Refresh

Cancel

Cancel

Topsky flight plan

| Euroscope   | Topsky   | Meaning                   |
|-------------|----------|---------------------------|
| Callsign    | Callsign | Callsign                  |
| IFR/VFR     | FRUL     | Flight rules              |
| AP data     | ATYP     | Aircraft type / equipment |
| Origin      | ADEP     | Departure airport         |
| Destination | ADES     | Destination airport       |
| Alternate   | ALTN     | Alternate airport         |
| TAS         | TAS      | True Air Speed (TAS)      |
| Altitude    | RFL      | Cruising altitude         |
| Squawk      | ASSR     | Transponder code          |

|          |           |                                 |
|----------|-----------|---------------------------------|
| Dep EST  | EOBT      | Estimated Off-Block Time (EOBT) |
| Actual   | --        | Actual time                     |
| Temp alt | PEL / CFL | Temporary altitude              |
| Enroute  | EET       | Estimated flight time           |
| Fuel     | --        | Amount of fuel on board         |
| RFL      | --        | Requested flight level          |
| Route    | RTE       | Planned route                   |
| Remarks  | Other     | Remarks                         |

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