

## Pilot Guidelines - Instrument Flight Rules (IFR) [Example]

- In real life you should file a flight plan before starting an IFR flight
- There is no altitude limit to fly IFR
- IFR means that you fly and navigate to your destination by means of Navigational aids such as VOR beacons, NDB Beacons and Intersections.
- If your flight commences outside controlled airspace (see airway charts) you do not need clearance to operate, however you must request an information service from an ATC unit and remain outside controlled airspace until cleared to enter.

The following is a transcript of an IFR flight, BAW2112, from Gatwick (EGKK) to Edinburgh (EGPH), with full ATC along the way:

BAW2112:

Gatwick Ground, BAW2112, Boeing 737-700, stand 18 with information GOLF 1017, request IFR Clearance to Edinburgh

EGKK\_GND:

BAW2112, good evening, cleared Edinburgh, LAM4M, Squawk 3762.

BAW2112:

Cleared Edinburgh, LAM4M departure, squawk 3762, BAW2112

EGKK\_GND:

BAW2112, correct, start-up and pushback approved.

BAW2112:

Start and push approved, BAW2112

BAW2112:

BAW2112 Request taxi

EGKK\_GND:

BAW2112, taxi holding point M1 via J, M, QNH 1017.

BAW2112:

Taxi holding point M1 via J and M, QNH 1017, BAW2112

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EGKK\_GND:

BAW2112, contact Gatwick Tower, 124.225

BAW2112:

Gatwick Tower 124.225, BAW2112

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BAW2112:

Gatwick Tower , BAW2112 holding point M1

EGKK\_TWR:

BAW2112, via M1, line up and wait runway 26L

BAW2112:

Via M1, Line-up and wait runway 26L, BAW2112

EGKK\_TWR:

BAW2112, runway 26L cleared for take-off, surface wind 160 degrees, 6 knots

BAW2112:

Runway 26L, cleared take-off, BAW2112

EGKK\_TWR:

BAW2112, contact London Control 120.525

BAW2112:

London Control 120.525, BAW2112

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BAW2112:

London Control, BAW2112 passing 1500ft for 6000ft, LAM4M Departure

EGTL\_BI\_CTR:  
BAW2112, Squawk IDENT, climb FL130

BAW2112:  
IDENT you have, Climb FL130, BAW2112

EGTL\_BI\_CTR:  
BAW2112 Climb FL200

BAW2112:  
Climb FL200, BAW2112

EGTL\_BI\_CTR:  
BAW2112, contact London Control on 128.125

BAW2112:  
London Control 128.125, BAW2112

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BAW2112  
London Control, BAW2112 climbing FL200 to Biggin

EGTT\_10\_CTR:  
BAW2112, hello, climb FL300.

BAW2112:  
Climb FL300, BAW2112

EGTT\_10\_CTR:  
BAW2112, descend FL240, route MARGO - TWEED1A Edinburgh

BAW2112:  
Descend FL240, routing MARGO – TWEED 1A, BAW2112

EGTT\_10\_CTR:  
BAW2112, contact Scottish Control, 126.300

BAW2112:  
Scottish Control 126.300, BAW2112

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BAW2112:  
Scottish Control, BAW2112 FL240 overhead MARGO

EGPX\_TL\_CTR:  
BAW2112, Scottish, Roger, descend FL80

BAW2112:  
Descend FL80, BAW2112

EGPX\_TL\_CTR:  
BAW2112, contact Edinburgh Radar, 121.2

BAW2112:  
Edinburgh Radar 121.2, BAW2112

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BAW2112:  
Edinburgh Radar, BAW2112, B737 with Tango, 1007 descending FL80 to TARTN

EGPH\_APP:  
BAW2112, Roger, descend FL70

BAW2112:  
Descend FL70, BAW2112

EGPH\_APP:  
BAW2112, leave TARTN heading 025 degrees.

BAW2112:  
Leave TARTN heading 025 degrees, BAW2112

EGPH\_APP:  
BAW2112 26 miles from touchdown, runway 24, descend to altitude 4000ft, QNH 1007

BAW2112:  
Descend to altitude 4000ft, QNH 1007, BAW2112

EGPH\_APP:  
BAW2112, turn left heading 330 degrees, descend to altitude 3000ft

BAW2112:  
Left heading 330 degrees, descend to altitude 3000ft BAW2112

EGPH\_APP:  
BAW2112, Turn left heading 265 degrees, report localiser established 24

BAW2112:  
Turn left heading 265 degrees, will report established 24, BAW2112

BAW2112:  
BAW2112, Localiser established

EGPH\_APP:  
BAW2112, descend on the ILS.

BAW2112:  
Descend on the ILS, BAW2112

EGPH\_APP:  
BAW2112, contact Edinburgh Tower, 118.7

BAW2112:  
Tower 118.7, BAW2112

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BAW2112:  
Edinburgh Tower , BAW2112 established ILS 24

EGPH\_TWR:  
BAW2112, continue approach runway 24, surface winds 250 degrees 12 knots

BAW2112:  
Continue approach runway 24, BAW2112

EGPH\_TWR:  
BAW2112, runway 24, cleared to land, surface wind 240 degrees 10 knots

BAW2112:  
Cleared to land runway 24, BAW2112

EGPH\_TWR:  
BAW2112, contact Edinburgh Ground 121.750

BAW2112:  
Edinburgh Ground 121.750, BAW2112

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BAW2112:  
Edinburgh Ground, BAW2112 vacated runway 24 via C

EGPH\_GND  
BAW2112, taxi gate 9 via C, A, F

BAW2112:  
Gate 9 via C, A and F, BAW2112