RADIO TELEPHONY ON VATSIM

EXPLAINING THE BASICS

This tutorial has been created for free by

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It is to be used for simulation purposes only and is linked to the VATSIM Tutorial Series on the channel to compliment the information demonstrated there

Introduction

VATSIM is a free network which allows you to log in as a Pilot or Controller, and communicate with one another as if in real life.

It's a global network and hosts regular busy events worldwide but it does require some preparation before jumping in for the first time!

If you want to check out my VATSIM Basics Tutorials then click the link below to work through the mini series to help you get started:

[British Avgeek's VATSIM Mini-Series Tutorials](#)

This document relates to Radio Telephony – that is – what you will need to say on the radio when using the VATSIM Network. Dependant on country, it will differ slightly but this pdf will use UK RT as a base for you.

As a reminder – this is only to cover the basics. You can read the

CAP 413 Document written by the Civil Aviation Authority in the UK.

That covers everything you need in great detail. I hope you find it useful

[CAA Publication CAP 413](#)

Always remember – don't interrupt in the middle of messages between controllers and other aircraft. Wait for a natural gap to transmit.

Setting Up for your Flight

As I always mention on every tutorial for VATSIM – and of course all my live streams – I have a pen and paper ready to record everything I need

That always looks like the following below – feel free to use it to assist you in your own VATSIM flights. Record everything as you go to help.

Callsign: **A/C Type:**

Stand No: **ATIS Info:**

QNH: **IFR Destination:**

Cleared via: **(The SID + Runway)**

Initial Climb: **(If Mentioned)**

Squawk: **(Transponder Code)**

Taxi to Runway   **Hold At:**

Via

Additional Instructions:

*remember to check the ATIS Information in vPilot for the Weather and QNH

Keywords

Word	Meaning
SID	Standard Instrument Departure The initial approved route after take-off from an airport
SQUAWK	Set your Transponder to the 4 numbers given "Squawk 4295"
REPORT FULLY READY	Tell Clearance Delivery that you are fully ready for pushback – they will tell you to contact Ground
PUSH AND START	Pushback and Engine Start
INTERSECTION	A taxiway leading onto a runway that cuts the distance rather than using the entire runway
HOLD POINT	A Stop Line on any Taxiway – visible with a sign, marking and will be on the Charts too
GIVE WAY	Let another aircraft as described go past you first
PROGRESSIVE TAXI	Asking the Controller for Taxi Directions to help if lost
COMPANY TRAFFIC	Another aircraft of the same airline that you are operating as

IFR Clearance

Below is an example of what you would say and hear:

For the purposes of the document, our callsign is British 458 and we are at Manchester Airport.

Manchester Delivery, Good Day, British 458 is an Airbus A320neo at Stand 29 with Information ___ (ATIS Information Letter) QNH _____

Request IFR Clearance to _____ (Destination)

British 458, Good Day, Manchester Delivery, Information ___ Correct. Cleared to _____ (Dest)

Via the _____ (SID) Initial Climb to _____ ft

Squawk _____

Cleared to _____ (Dest) via the _____ (SID) Departure, Initial Climb _____ft

Squawk _____, British 458

IF YOUR READBACK IS NOT CORRECT – THEY WILL CORRECT YOU HERE
IF IT IS CORRECT YOU WILL HEAR:

British 458, Readback correct, Report Fully Ready

Requesting Pushback

Below is an example of what you would say and hear:

For the purposes of the document, our callsign is British 458 and we are at Manchester Airport.

British 458, Fully Ready

British 458 Contact Ground on

_____ (Frequency) Bye

Contact Ground on _____, bye

CHANGE TO THE FREQUENCY GIVEN

Manchester Ground, hello, British 458 – Stand 29 – Request Push and Start

British 458, hello Manchester Ground

Push and Start

- Facing North/East/South/West
- Straight Back

Requesting Pushback continued

Push and Start

- Facing North/East/South/West
- Straight Back

British 458

Pushback Immediately and as Instructed
Start Engines and When Ready for Taxi:

Requesting TAXI

Read back the Instructions exactly as they are given to you

British 458 Ready for Taxi

British 458, Taxi to and Hold Short Runway 23R via

L – P – K - J hold short M1

Taxi to and Hold Short of Runway 23R via L – P – K – J and hold short M1, British 458

USE THE CHARTS TO NAVIGATE
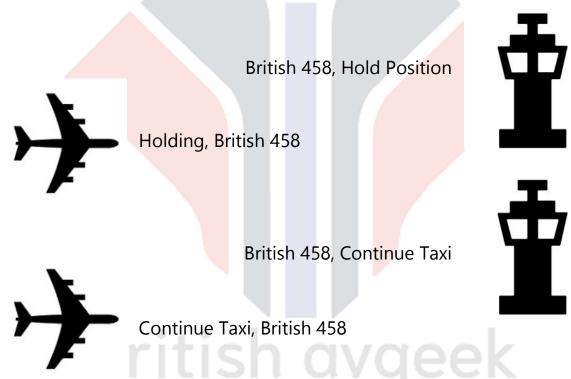
Other Taxi Instructions

Read back the Instructions exactly as they are given to you

British 458, after the easyJet A320neo passing right

to left, taxi to and hold P1 via L - P

This is telling you to GIVE WAY to the aircraft nearby and hold at a Taxiway Hold Point

Use the charts to find out where the Hold Points are located

British 458, Hold Position

Holding, British 458

British 458, Continue Taxi

Continue Taxi, British 458

LOST?

British 458, Unfamiliar with the airport – request progressive taxi

Tower will then – when able – give you taxi instructions to help like "Turn next Left onto Alpha"

I hope you find both the video tutorials and the accompanying documents useful and informative.

Be sure to subscribe to my YouTube channel for all of the latest tutorials and as always, if there is anything you wish to see covered just let me know!

british avgeek
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