

VATEIR OPERATIONS MANUAL



VFR Procedures Manual

Version 1.3

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VFR Procedures

Introduction:

This procedures manual is intended for the use of both pilots and controllers, as it covers procedures and phraseology for both groups. It will cover all relevant Air traffic procedures and phraseology.

This document will cover the following VFR related topics:

- Zone Transits
- Flight information service
- Circuits

Zone Transits

A Zone Transit is exactly what it sounds like. It is when you are flying from a controlled field, through class G airspace, through class C airspace, back to class G, then into the destination class C airspace. This is fairly complicated to imagine in text, so it is illustrated in Fig1.1

Fig 1.1 Key

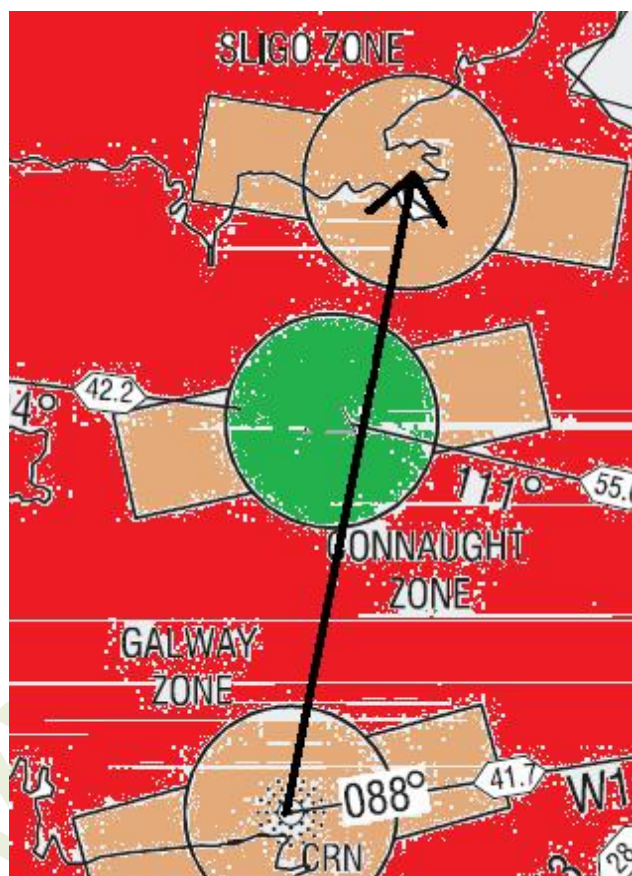
Black arrow= Direction of flight

Tan= Class C airspace

Red= Class G airspace

Green= Zone being transited

Fig1.1



Phraseology

P=Pilot

C=Controller

P Knock good evening, EI-SKT we're 5 miles N/S/E/W of the zone at XXXXft on QNH *qnh*, request zone transit VFR to xxxxxxx

C EKT good afternoon, cleared transit not above xxxft on the QNH *qnh*, remain clear of the *runway* approach at all times/ route *VRP*1, *VRP2* *etc*, no known traffic/traffic is *traffic*, report zone boundary outbound.

(If traffic)

P Cleared transit not above xxxft on QNH *qnh* remain clear of *runway* approach/ route *VRP*1, *VRP2* *etc*, and report zone boundary outbound, and we'll call the *traffic* in sight EKC

(If no traffic)

P Cleared transit not above xxxft on QNH *qnh* remain clear of *runway* approach/ route *VRP*1, *VRP2* *etc*, and report zone boundary outbound,EKC

(At zone boundary)

P Knock EKC zone boundary

C EKC you can call shannon now on *freq* for flight information, Seeya

P Shannon on *freq* EKC bye

Flight Information Service (FIS)

A flight information service is a traffic information service for pilots outside of controlled airspace i.e. class G airspace. Pilots call up with the relevant information (discussed later). Shannon notes their position, advises them of any other traffic, advises the other traffic of you, and may ask you to next report some point on your route. Separation is the pilots responsibility completely, so you do NOT need to call any traffic in sight, but it is good practise to do so, as it increases the situational awareness of the other traffic.

Phraseology

P=Pilot

C=Controller

P Shannon good afternoon, EI-SKP

C EKP shannon go ahead

P EKP *acft type* just passed *town/geographic location* at xxxft on QNH *qnh* VFR from X to X via A+B+C, request flight information.

(If traffic)

C EKP thats approved *advise traffic* QNH *qnh* report leaving the frequency/report A/B/C.

P QNH *qnh* copy the traffic, and we'll report leaving the frequency/ report A/B/C.EKP

(If no traffic)

C EKP thats approved no known traffic to effect QNH *qnh* report leaving the frequency report A/B/C.

P No known traffic, QNH *qnh*, and we'll report leaving the frequency/ report A/B/C EKP.

(Switching frequency)

P Shannon EKP switching to *station name* Seeya

C EKP thanks Bye

Circuits

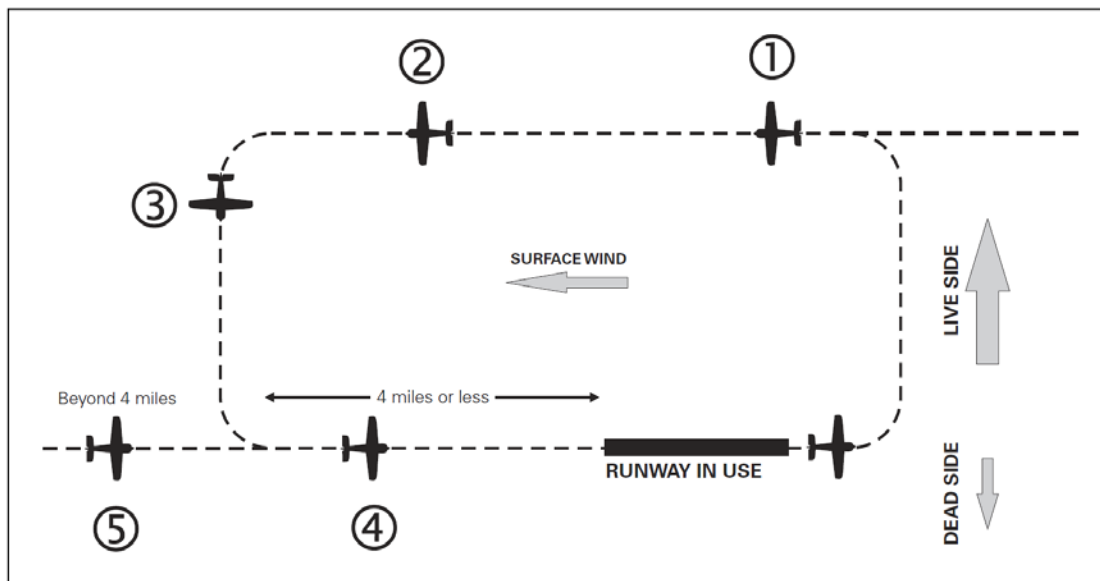


Figure 1

Figure 1 Designated positions in the traffic circuit

Position 1 Aircraft reports on 'Downwind' leg.

Position 2 Aircraft reports 'Late downwind' if it is on the downwind leg, has been unable to report 'Downwind' and has passed the downwind end of the runway.

Position 3 Aircraft reports 'Base' leg (if required).

Position 4 Aircraft reports 'Final'. Clearance to land issued here.

Position 5 Aircraft reports 'Long final' (between 8 and 4 miles) when aircraft is on a straight in approach.

Circuit altitude/height varies depending on the aerodrome/airport.¹

¹ See Table 1

Information Table's

Table 1- Circuits.

Airport ICAO	Altitude	Direction
EICK	1300FT QNH	LH
EIWF	800FT QFE	LH
EIKY	1100FT QNH	LH
EIKN	1700FT QNH	LH
EINN	1000FT QNH	LH
EISG	1000FT QNH	RWY29:RH / RWY11:LH
EIDL	1000FT QNH	LH
EICM	1000FT QNH	LH

Table 2- Revision History.

Revision	Date	Author	Reason
1.0	05/02/2009	Aaron Fraher	Original Draft
1.1	09/06/2011	Kilian Thornton	Revised Format
1.2	10/06/2011	Aaron Fraher	Revised Contents
1.3	18/07/2011	Kilian Thornton	Revised Contents