



DOCUMENT
GSM-EL-PS1.054

DOCUMENT TITLE
PRE-SOLO SELF STUDY 1

CHAPTER 12 – TRAFFIC CALLS

Version 3.5
January 2018

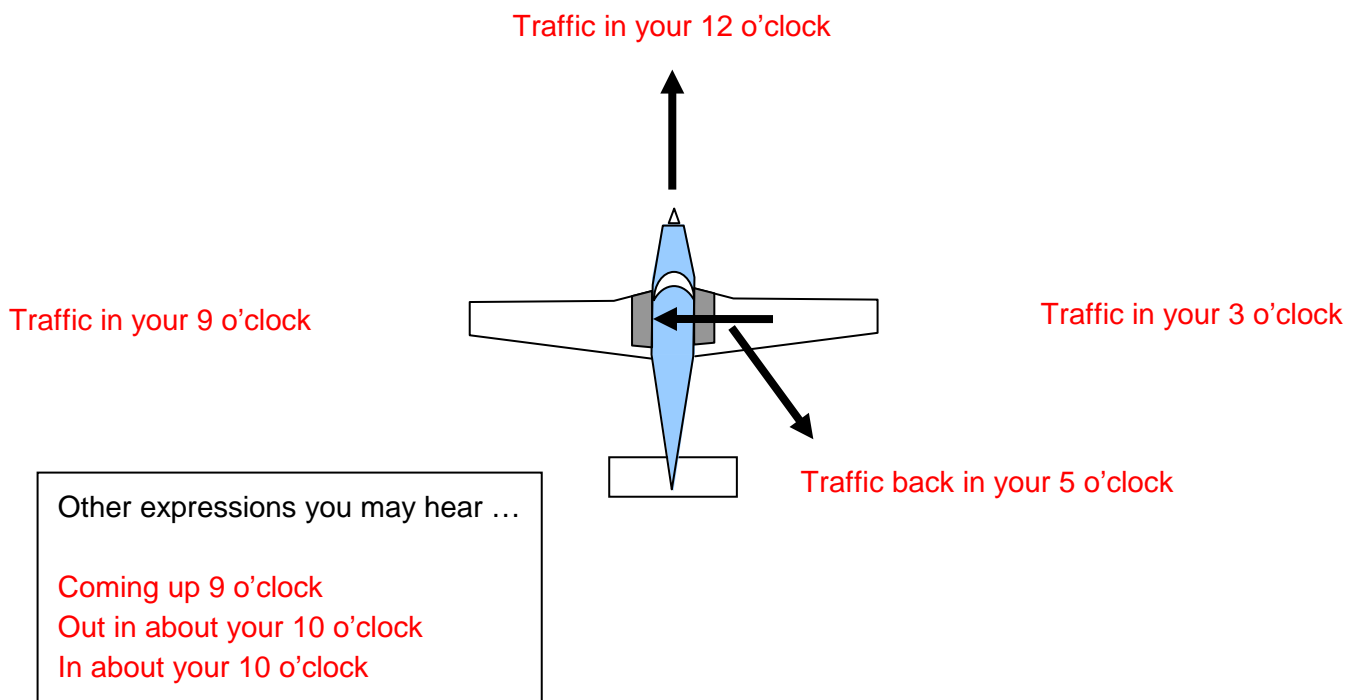
This is a controlled document. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission, in writing, from the Chief Executive Officer of Flight Training Adelaide.

CONTENTS.....	PAGE
TRAFFIC INFORMATION.....	3
CONTROLLER LANGUAGE FOR SIGHTING TRAFFIC	5
DESCRIBING POSITION EXERCISE.....	6
Describing position Exercise - AnSWERS.....	7
HELICOPTER TRAFFIC AND CIRCUITS	8
HELICOPTER Circuit pattern for Runway 03 / 21 direction	9
HELICOPTER Circuit pattern for Runway 08 / 26 direction	10
TRAFFIC POSITIONS LISTENING EXERCISE 07 (2015).....	12
TRAFFIC POSITIONS – LISTENING EXERCISE 07 (2015) ANSWERS	13
TRAFFIC POSITIONS 08H – LISTENING (2015).....	28
TRAFFIC POSITIONS 08H - LISTENING TAPESCRIPIT AND READ BACKS (2015).....	29

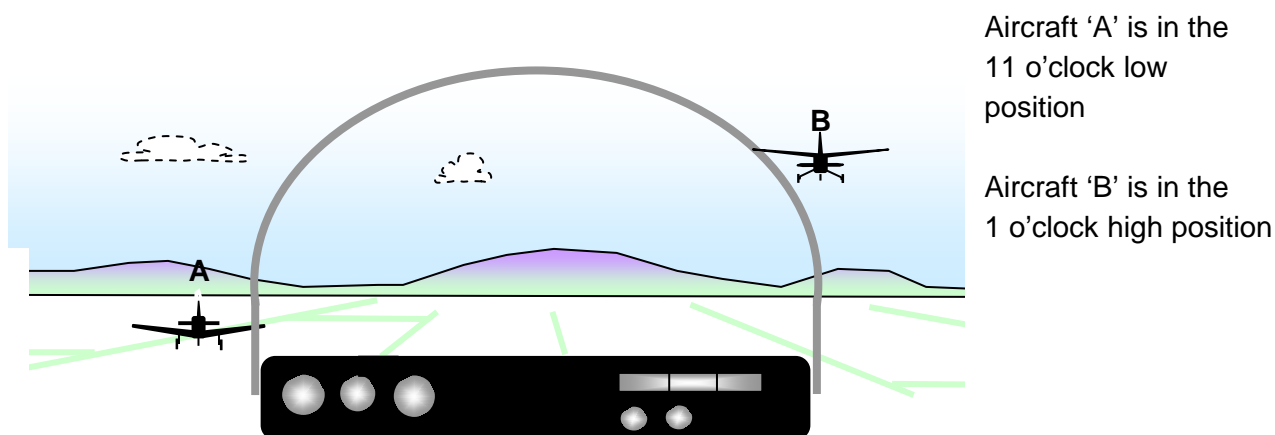
TRAFFIC INFORMATION

- Where practicable, information regarding traffic on a possible conflicting path is given in the following form:

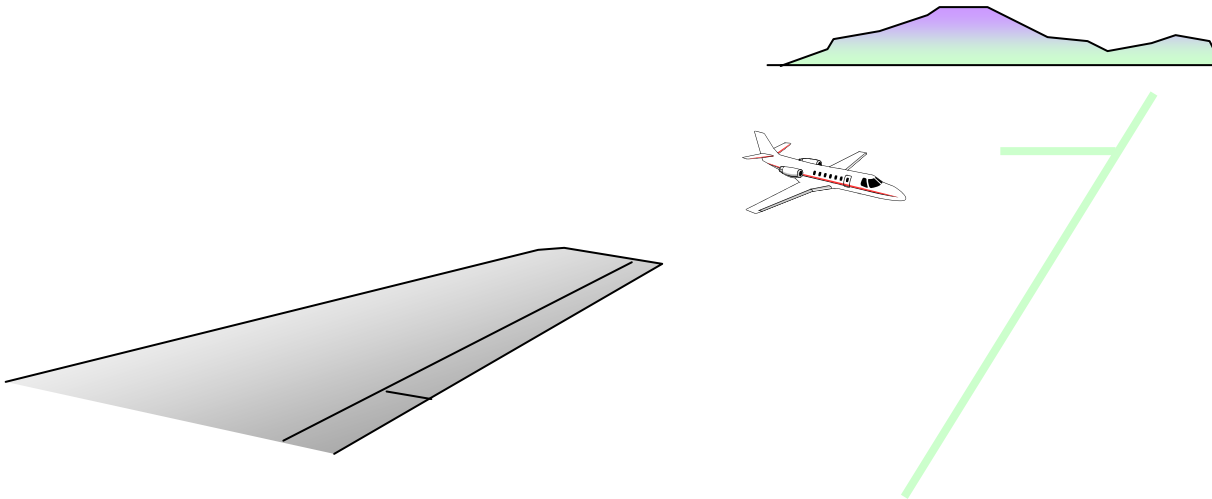
Relative bearing using the clock code, with optional prefix of left or right (High or Low)



Traffic may also be described as High or Low



Traffic can also be described as abeam you. That is in your 3 or 9 o'clock position. You can also report your position abeam a place.



2. Distance from conflict in nm
3. Direction from the conflicting traffic
4. Direction of flight of the conflicting traffic
5. Relative speed, type of aircraft and level if known (slow / fast moving)

Relative movement and level is described by using the following terms:

Closing, same direction, opposite direction, overtaking, crossing left to right, crossing right to left

Level (if known), unverified, 1000 feet above / below

Climbing / descending (on climb/descent)/ just leaving / climbing through 1000

Some examples:

Traffic overflying you is a company helicopter

Duchess getting airborne 03 left in your 2 o'clock is for a left hand circuit

Traffic outbound in your 2 o'clock is a Tobago on climb

Traffic wide of you / out to your right / back in your 7 o'clock

CONTROLLER LANGUAGE FOR SIGHTING TRAFFIC

Parafield Controllers may use a number of expressions to ask you to report traffic sighting.

1. Report sighting a Tobago in your 11 o'clock low/high.
2. Advise sighting a Tobago in your 11 o'clock low/high.
3. Do you have the Tobago in your 11 o'clock low/high in sight?
4. Do you have the Tobago in your 11 o'clock low/high sighted?
5. Have you got the Tobago in your 11 o'clock low/high in sight?
6. Have you got the Tobago in your 11 o'clock low/high sighted?
7. Got the Tobago in your 11 o'clock low/high in sight?
8. Got the Tobago in your 11 o'clock low/high sighted?
9. Traffic to sight is a Tobago in your 11 o'clock low/high.

Pilots should respond to traffic information or requests to sight traffic with the phraseology:

TRAFFIC IN SIGHT

LOOKING OUT

NEGATIVE CONTACT (+ reasons)

However, the common (incorrect) responses you may hear at Parafield to traffic information are:

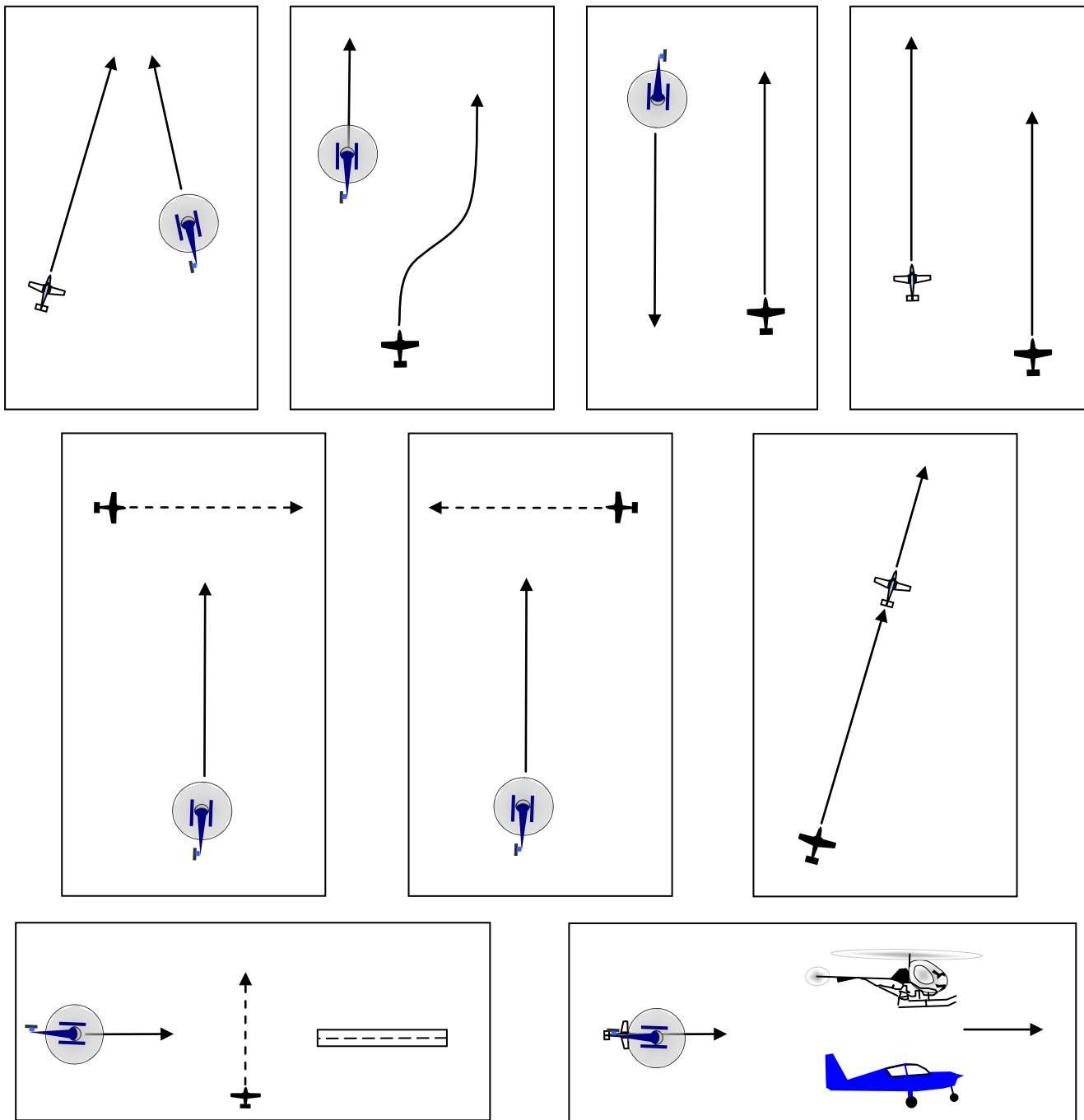
TRAFFIC SIGHTED

LOOKING

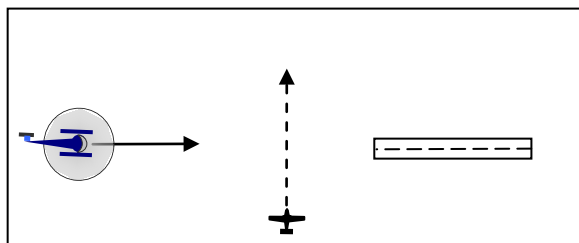
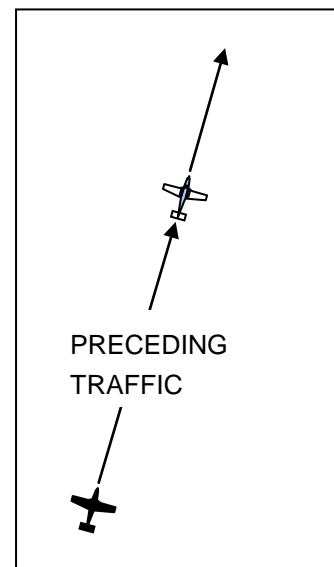
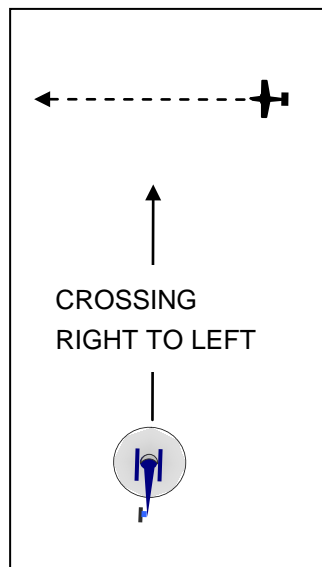
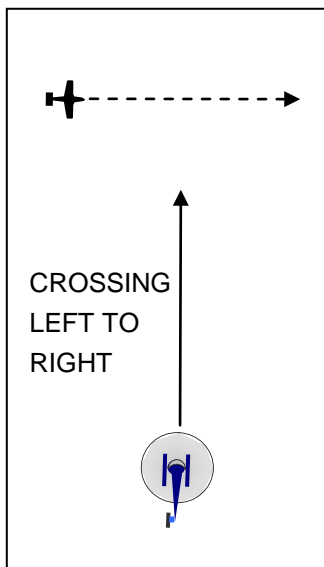
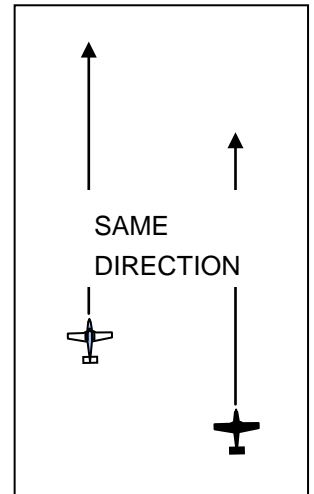
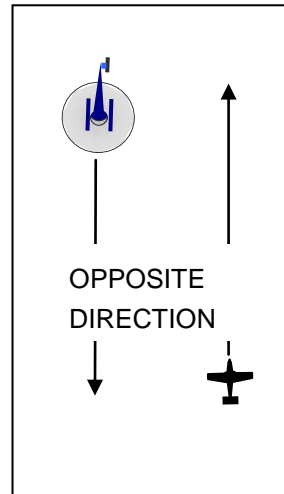
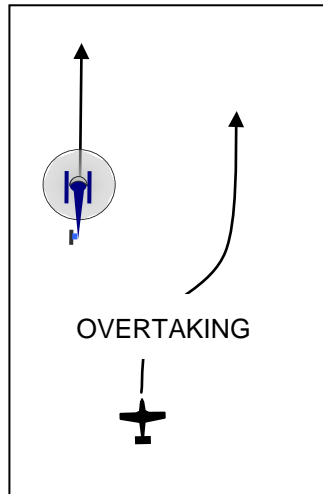
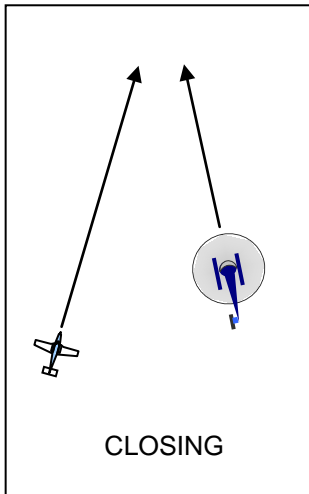
TRAFFIC NOT SIGHTED

DESCRIBING POSITION EXERCISE

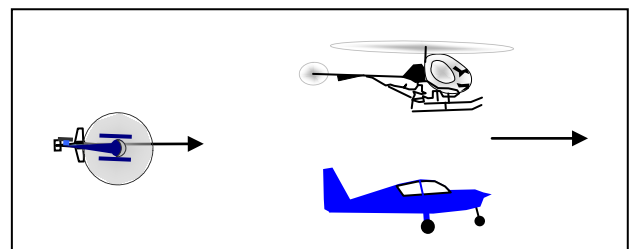
What words could be used to describe the following situations.



DESCRIBING POSITION EXERCISE - ANSWERS



PASSING / PROCEEDING THROUGH
YOUR CENTRELINE



OVERHEAD / DIRECTLY ABOVE

HELICOPTER TRAFFIC AND CIRCUITS

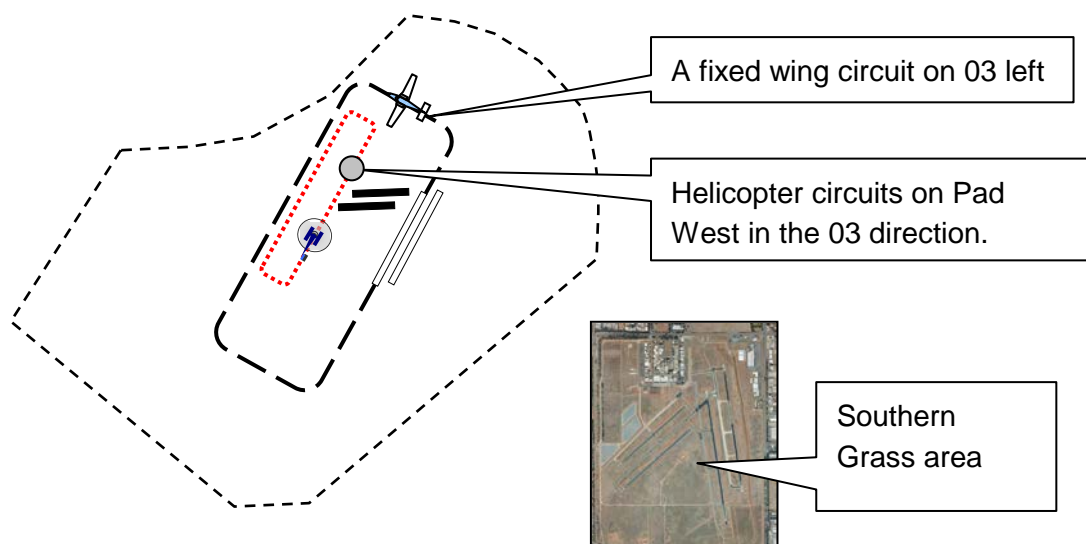
HELICOPTER CIRCUITS AT PARAFIELD

FTA have 3 helicopters. The maximum number of helicopters in the circuit at any one time is 3. Each Helicopter will practice landing on different areas of the aerodrome depending on how many helicopters are in the circuit: If there is only one, it will use Pad West. If the duty runway is 03 or 21 they use the midpoint runway 08 left or the undershoot of runway 08 left. If the duty runway is 08 or 26 they use the helicopter operations area adjacent to runway 03 left, 21 right. Have a look at the drawings.

The downwind leg is flown at 800 feet inside the Salisbury Highway, crosswind or base depending on the circuit direction at Bridgestone factory and the Levels Campus.

Helicopter circuits are inside the fixed wing circuit with the downwind leg just inside the Salisbury highway.

Helicopters also conduct other operations (hover and auto-rotations) in the undershoot 08 L and Southern grass.



HELICOPTER CIRCUIT PATTERN FOR RUNWAY 03 / 21 DIRECTION



HELICOPTER CIRCUIT PATTERN FOR RUNWAY 08 / 26 DIRECTION



The Controller will often give Helicopter traffic information. Some examples:

YTF, traffic's a helicopter, operating circuits on upwind 03L. Clear for take off.

JVT, traffic's a helicopter, upwind for Training area also, runway 26R, clear for take off.

~YB, there is helicopter traffic, just off the upwind end off 26, departing to the Training area at 500 feet, runway 26R, clear for take off.

~BW, helicopter inbound from St Kilda at 1000 feet, might have to manoeuvre to your left and widen out to avoid the traffic.

ITO, the helicopter low in your 3 o'clock is remaining in the circuit.

YTC, cleared visual approach, traffic 3 o'clock a helicopter high circuit for the Pad.

YTO, cleared visual approach, advise sighting a Helicopter be in about your 3 o'clock low.

YTG, traffic in your 1 o'clock is a helicopter, turning base for the western Pad and runway 21 R, cleared to land.

Traffic in your 2 o'clock low is a helicopter, be landing on the western Pad.

YTP, traffic low in your 9 o'clock, a helicopter departing off Pad west.

You're cleared visual approach, base runway 03L, there's traffic a helicopter on a close base for the undershoot 08L.

NR, traffic in your 9 o'clock low, is a helicopter, descend off the Southern Grass doing a left circuit.

BX, you can turn left, when ready, and traffic is the Helicopter on downwind off Pad West.

~SL, traffic low in your 9 o'clock is a Helicopter, just getting airborne off the Pad, doing a left circuit.

TGN, cleared visual approach, traffic's a Helicopter on downwind for Southern Grass.

LCY, cleared visual approach, and traffic's a Helicopter turning final for the Western part of the aerodrome.

TRAFFIC POSITIONS LISTENING EXERCISE 07 (2015)

Listen to the recordings of the Controller giving Traffic reports.

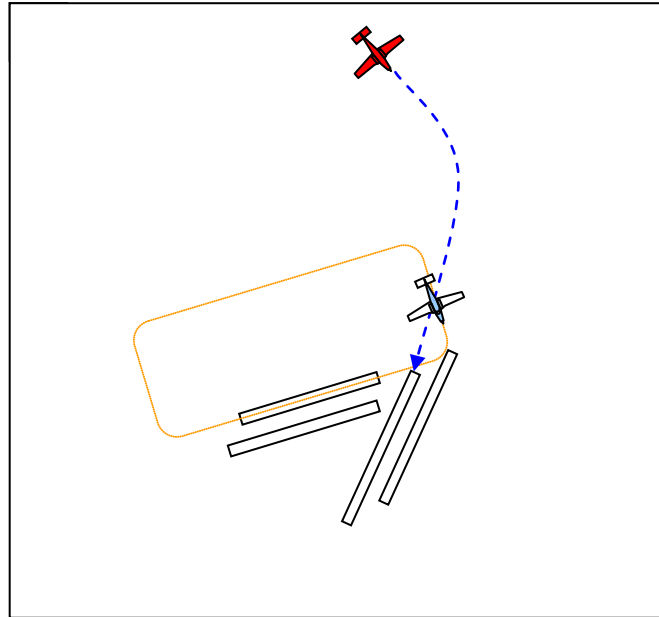
Note down the traffic type, draw its position and indicate the intention of the traffic.

Write down your response to the call or your read back.

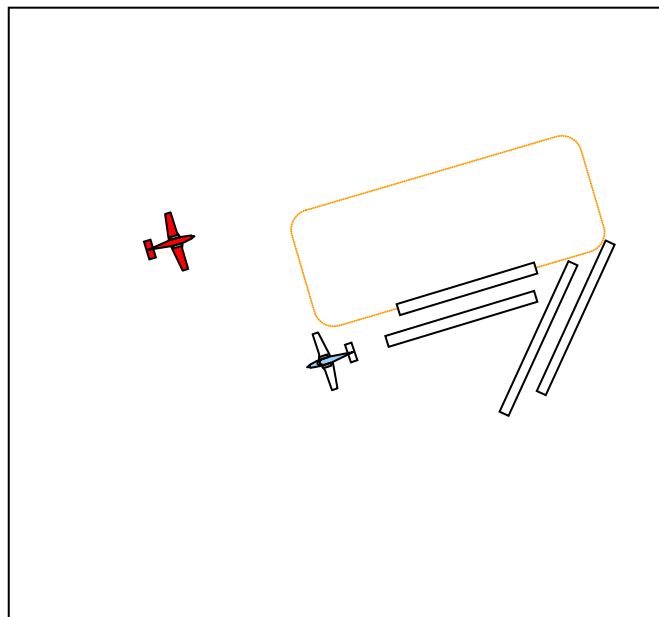
TRAFFIC POSITIONS – LISTENING EXERCISE 07 (2015) ANSWERS

1. YTG, traffic is a Duchess, correction a Tobago on a touch and go 26 right, pass behind him and err 21 right, cleared to land.

Pass behind the Tobago, runway 21 right, cleared to land, YTG

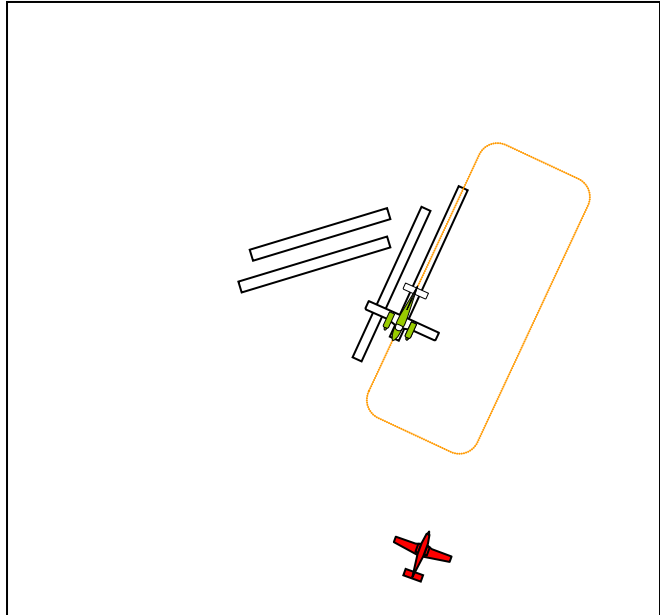


2. YTF, traffic low in your 2-3 o'clock is a Tobago on upwind off 26 right, correction 26 left.
YTF, traffic in sight



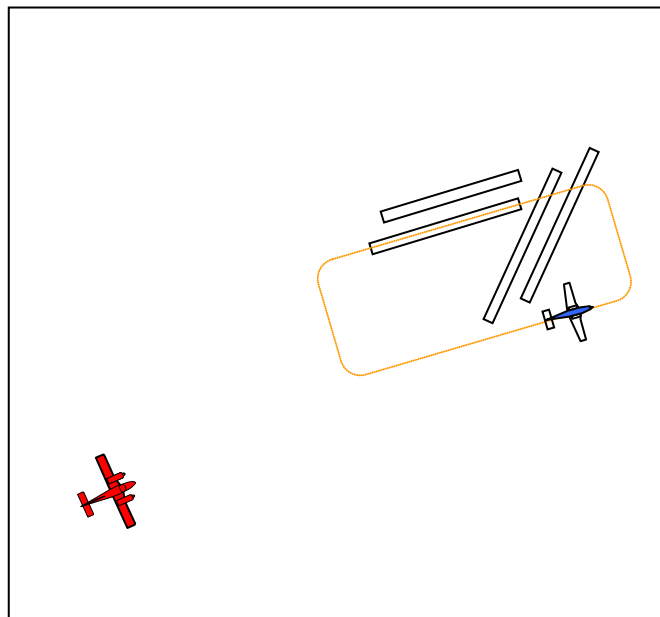
3. YTB, traffic is a Duchess, getting airborne off 21 left, left hand circuits.

YTB, traffic in sight

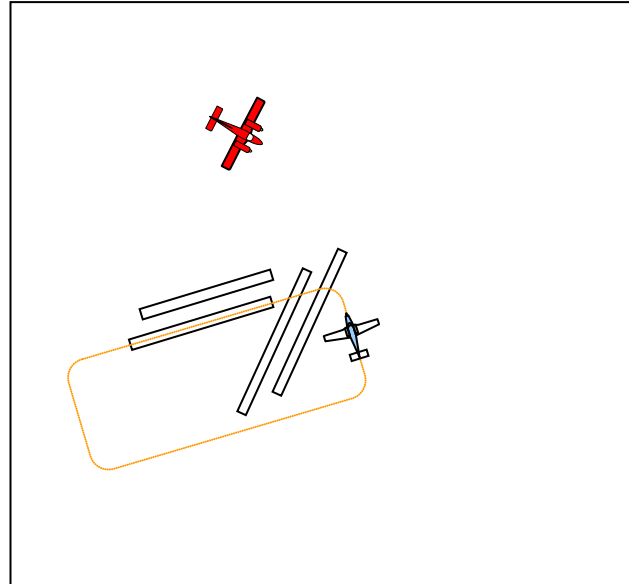


4. WZC, traffic high in your 2 o'clock is a Tobago on downwind for 26 left.

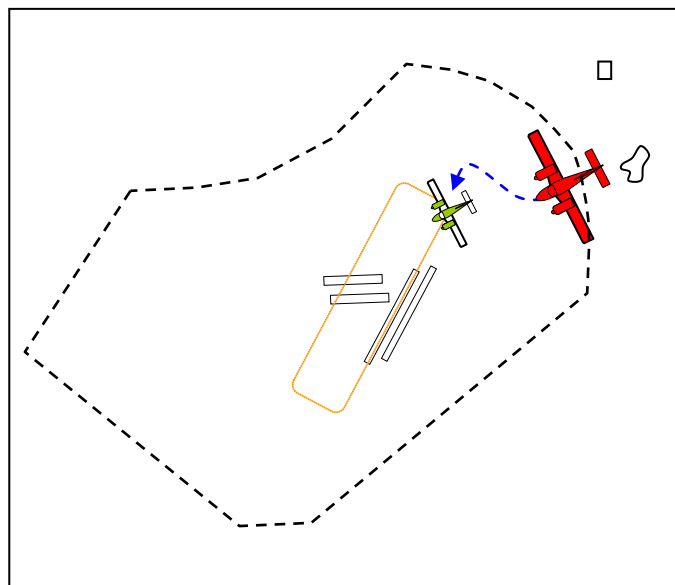
WZC, traffic in sight



5. WZC, traffic in your one o'clock is a Tobago on base for 26 left.
WZC, traffic in sight

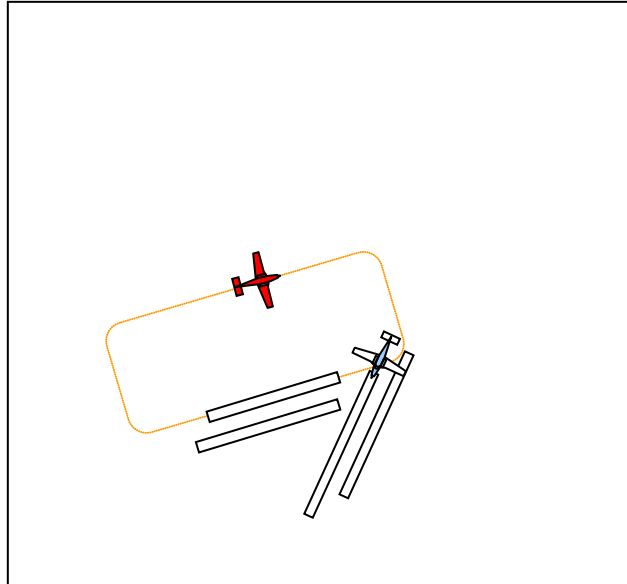


6. WZA, cleared visual approach, following a Duchess, turning final from a left base.
Cleared visual approach, traffic in sight, WZA



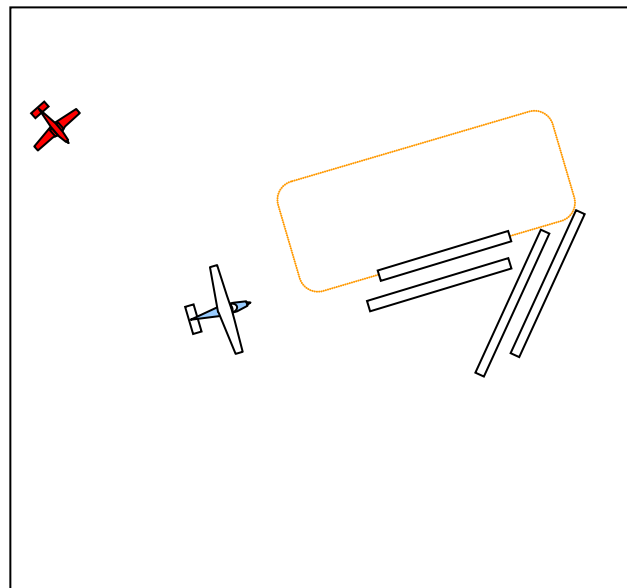
7. YTB, traffic short final for 21 right is a Tobago.

YTB, traffic in sight



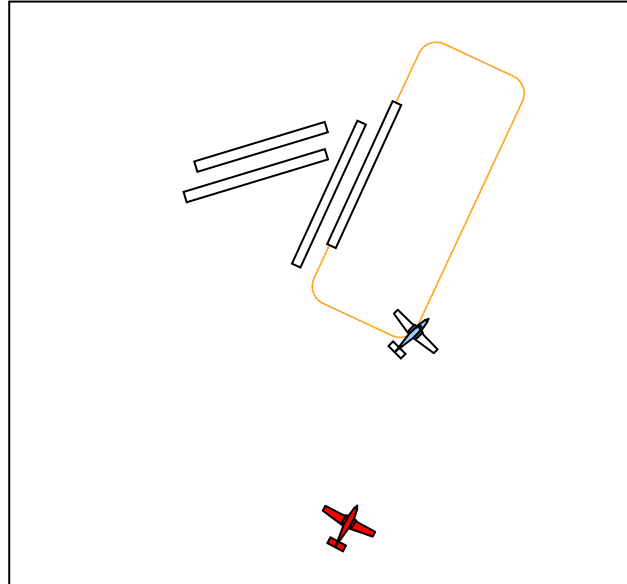
8. YTT, traffic in your 12 o'clock just leaving 1000 is a Cessna 172 on a straight in approach for 08.

YTT, traffic in sight



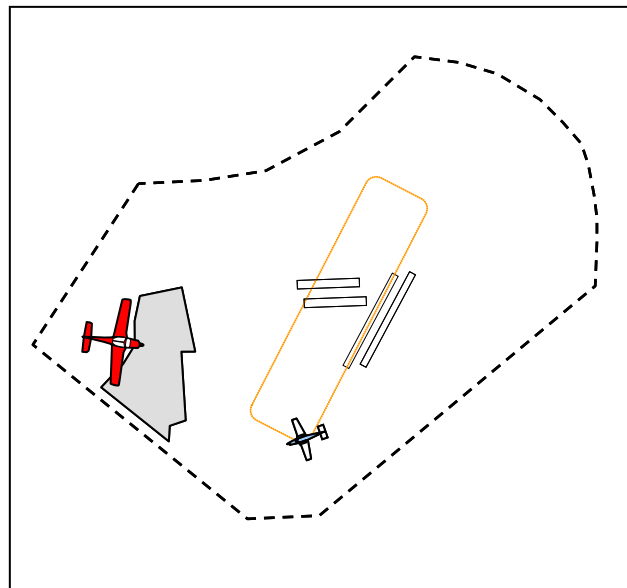
9. YTT, report sighting a Tobago in your 12 o'clock just turning onto a downwind type heading.

YTT, traffic in sight.



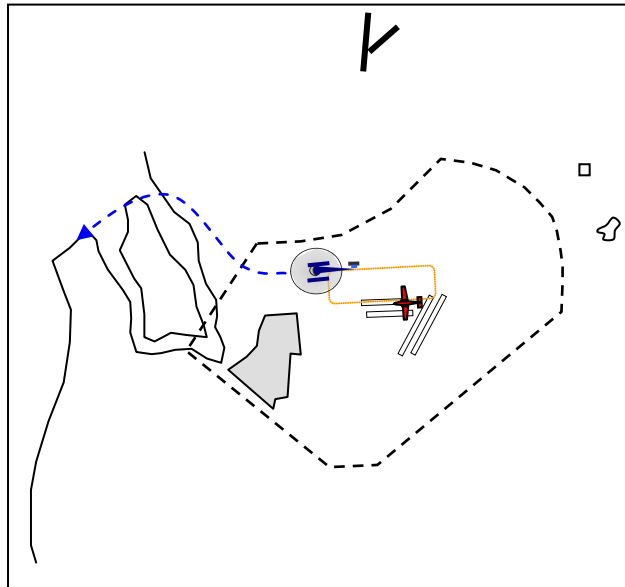
10. TGK, cleared visual approach, you'll be following a Tobago, that's low out in your 2 o'clock, turning onto crosswind.

Cleared visual approach, traffic in sight, TGK



11. YTQ, the helicopter high in your 1 o'clock, will be tracking to St Kilda, then turning left for Outer Harbor. Cleared for take off.

Traffic in sight, cleared for take off, YTQ

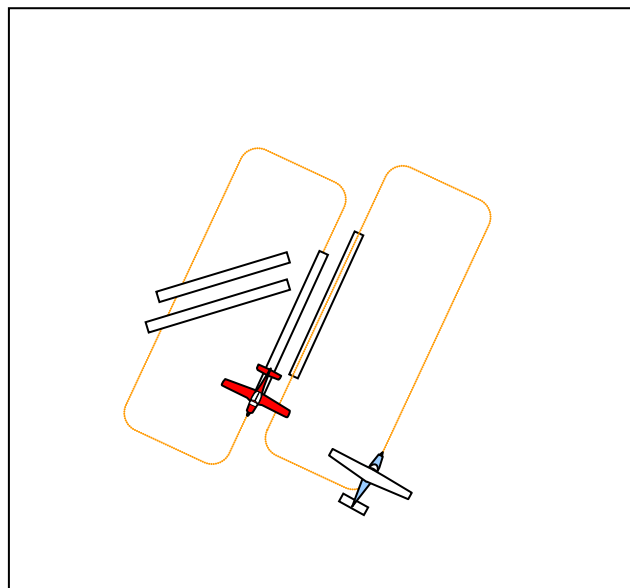


12. TGT, report sighting a Cessna, he's in about your 10 o'clock just on downwind.

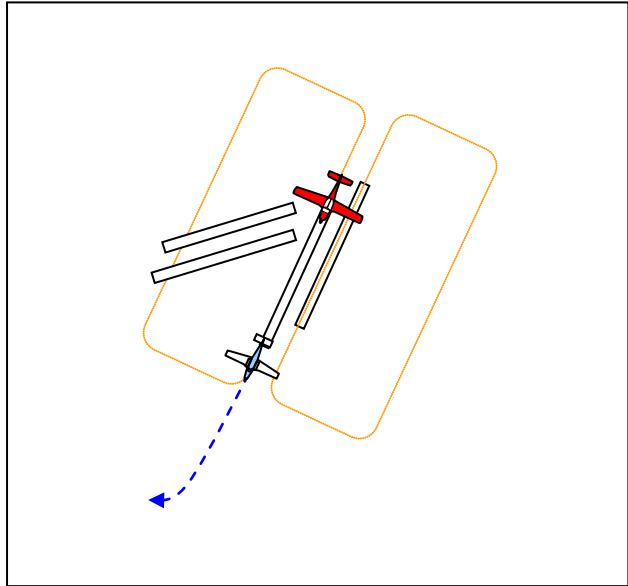
TGT, traffic in sight

When ready turn left to follow that aircraft.

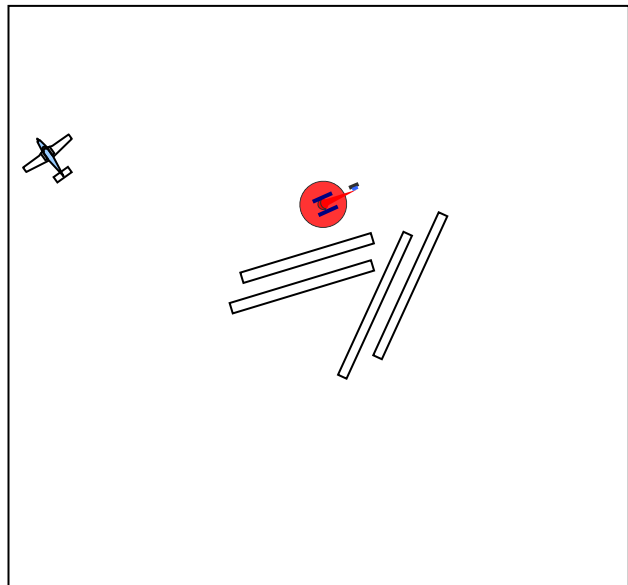
Turn left, TGT



13. TGT, there's a Tobago upwind, that aircraft departing to the Control zone to the South West
TGT, traffic in sight

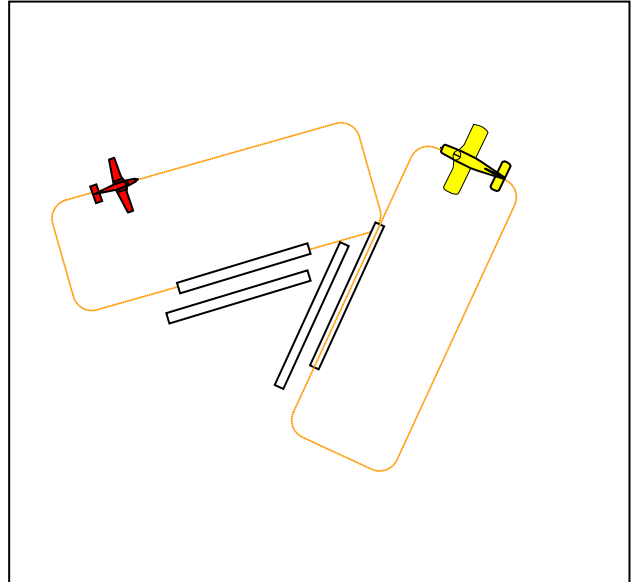


14. HLP, traffic outbound in your 2 o'clock is a Tobago on climb.
HLP, traffic in sight



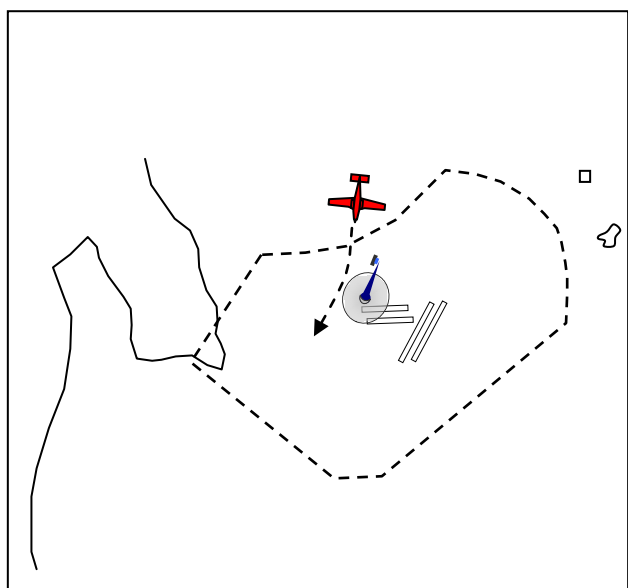
15. MBD, report sighting a Cherokee on crosswind circuits, on a late left base for runway 21 left, probably low in about your 2 o'clock.

HKI, traffic in sight.



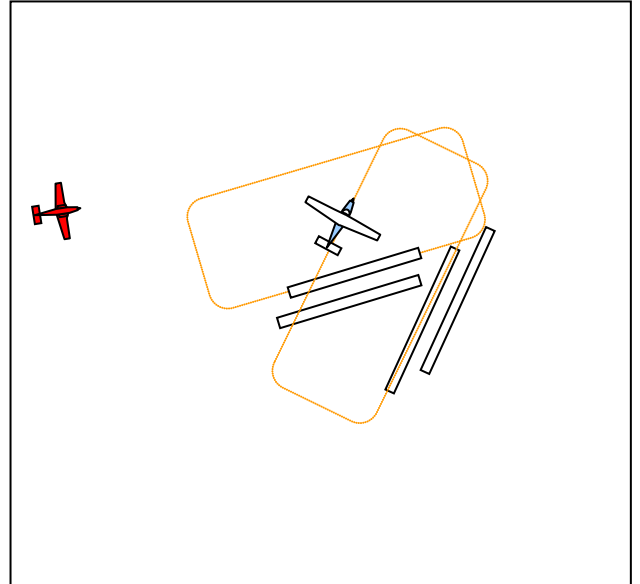
16. YTG, cleared visual approach, downwind runway 03 left. There is traffic - a helicopter on an early to mid downwind.

Cleared visual approach, downwind runway 03 left, traffic in sight YTG



17. HXX that Cessna now mid downwind in your 1 o'clock and 26 right, cleared to land.

Traffic in sight, runway 26 right, cleared to land, HXX



18. ~BJ, got ELP in sight?

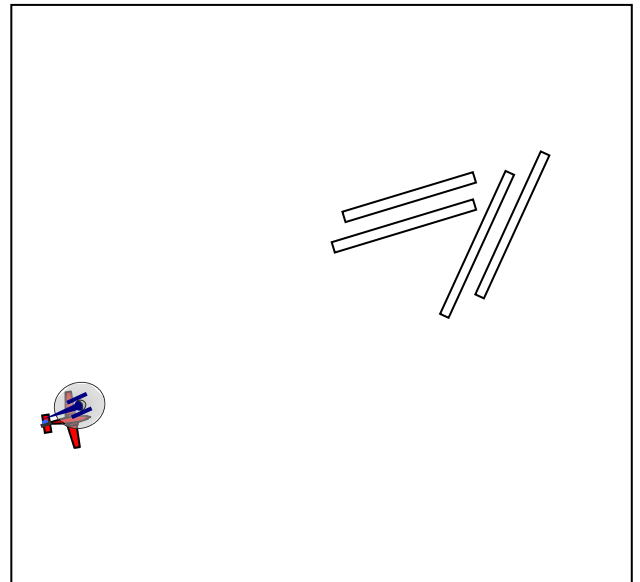
Grob, that's correct?

Sorry it's a Squirrel

Yeah, he's directly above me.

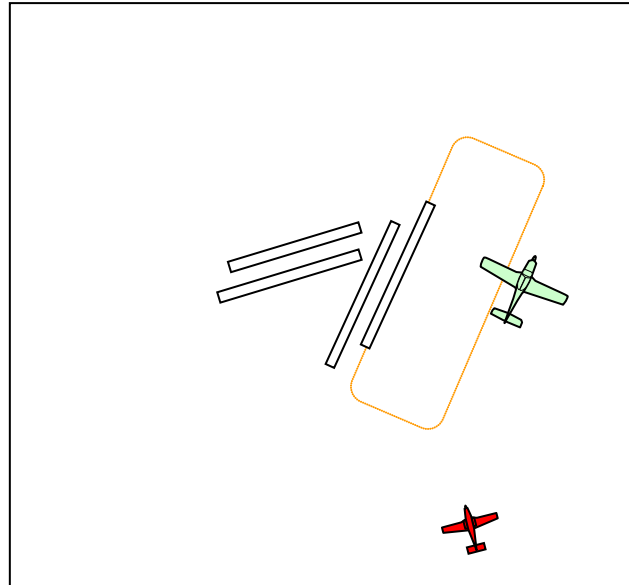
OK, thanks, I'll give you descent shortly.

~BJ



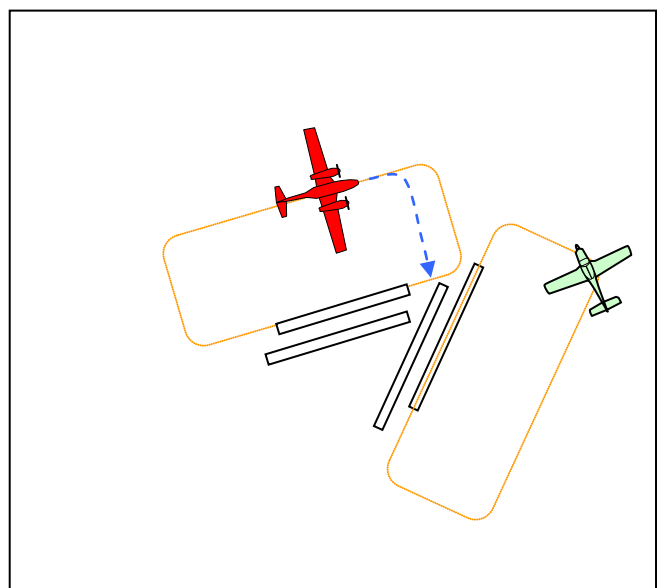
19. ZSN, cleared visual approach, traffic wide of you in about your 1 to 2 o'clock is a Grob on downwind for 21.

Cleared visual approach, traffic in sight, ZSN

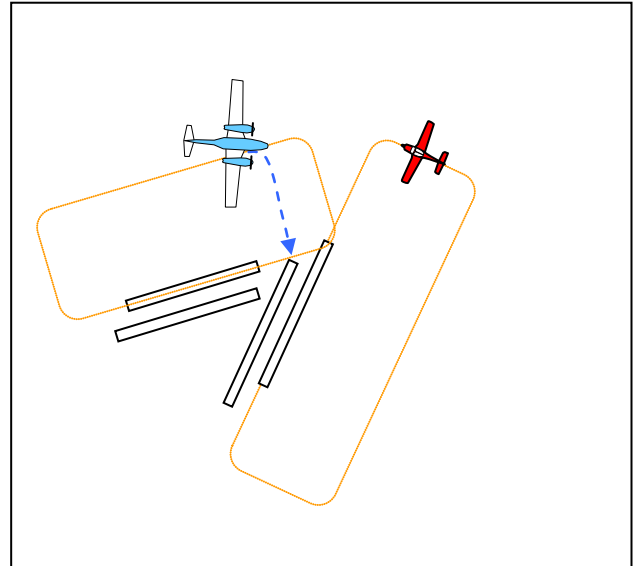


20. YBT, roger err request a close base, there's a Grob just turning base for 21 in your 1 o'clock and you're cleared to land.

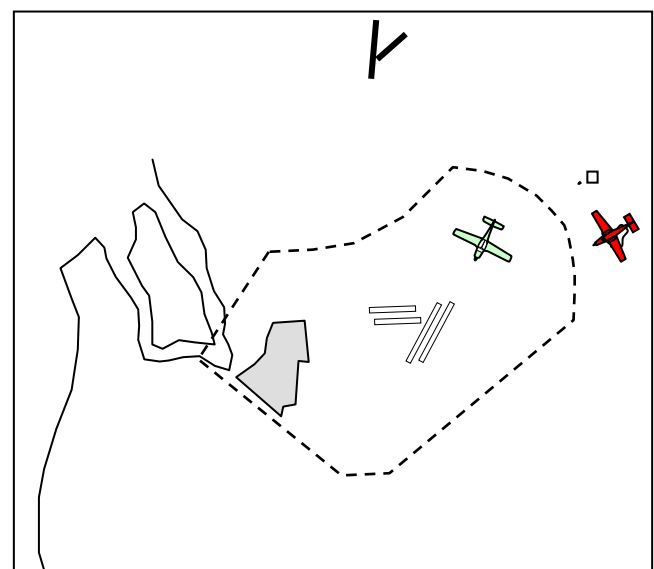
Traffic in sight, close base, cleared to land, YBT



21. TGN, traffic a Twinstar in about your 10 o'clock, doing a close base onto 26.
TGN, traffic in sight

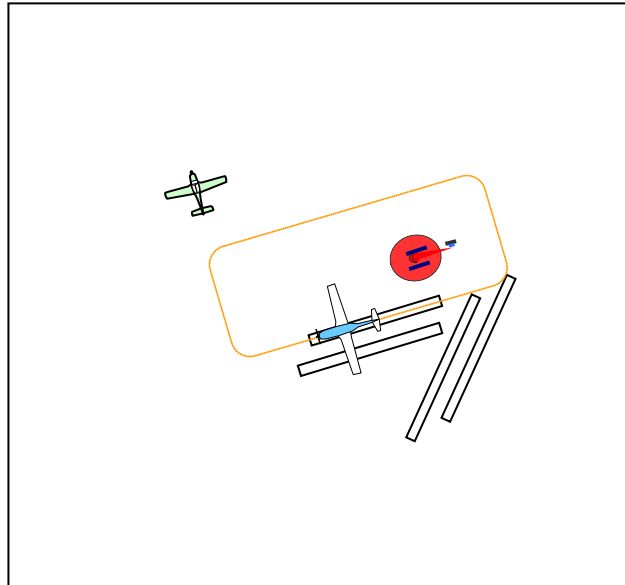


22. YTO, roger. Cleared visual approach, there is a Grob on about a mile final for 21 left.
Cleared visual approach, traffic in sight, YTO



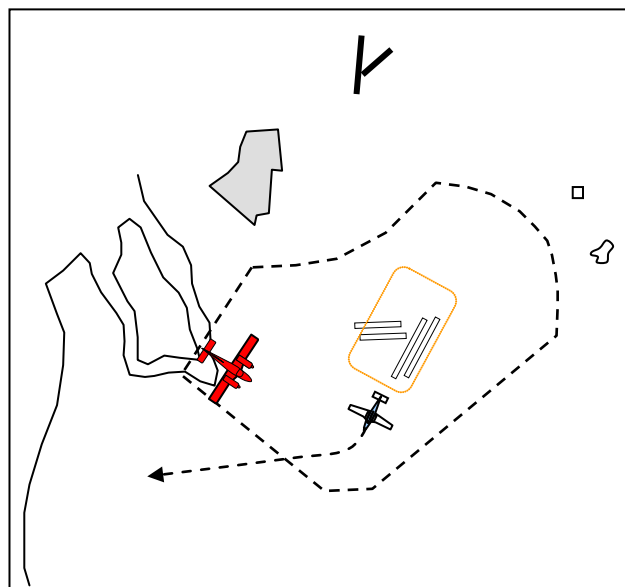
23. ~~P, traffic airborne runway 26 right is a Katana outbound to St Kilda and about a mile ahead that aircraft is a Grob also outbound to St Kilda. Pad West, clear for take off.

Traffic in sight, Pad West, cleared for take off, ~~P

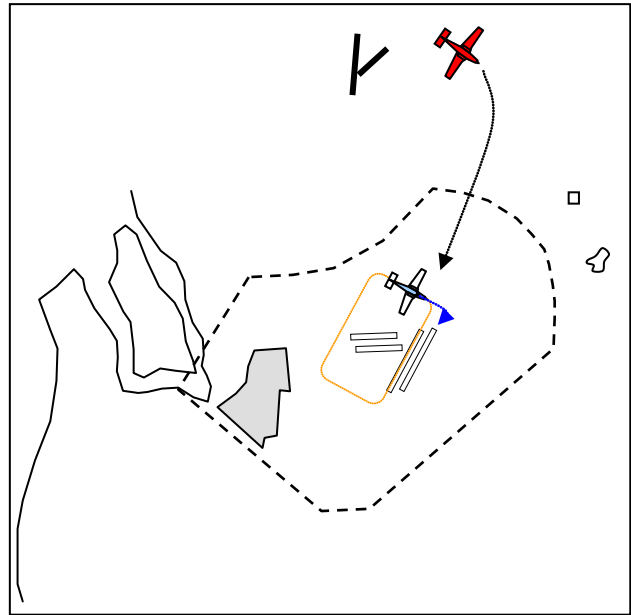


24. B~~, traffic in your 11 o'clock, is a Tobago climbing through 1000 tracking to Adelaide correction Port Adelaide at 1500.

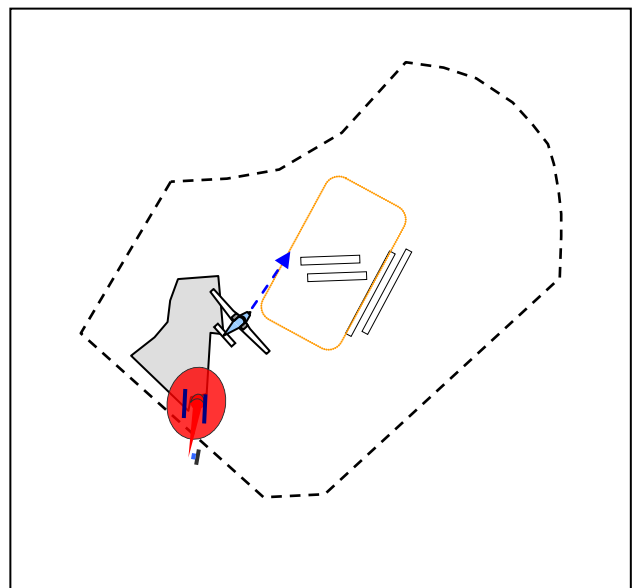
B~~, traffic in sight



25. ~HE, you can make a visual approach. Traffic is a Tobago about 3 o'clock on a right base, he'll be proceeding through your centreline for 21 left
Cleared visual approach, traffic in sight, ~HE

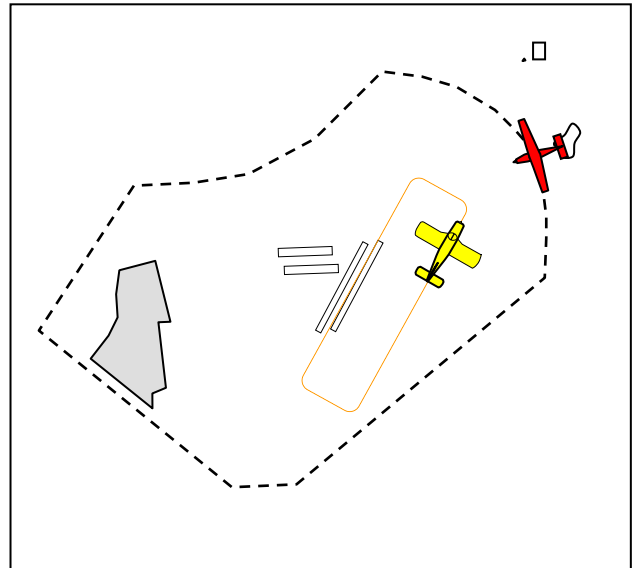


26. DXP, traffic in your 2 o'clock is a Tobago at 1500, tracking for right downwind. You follow that aircraft.
DXP, traffic in sight



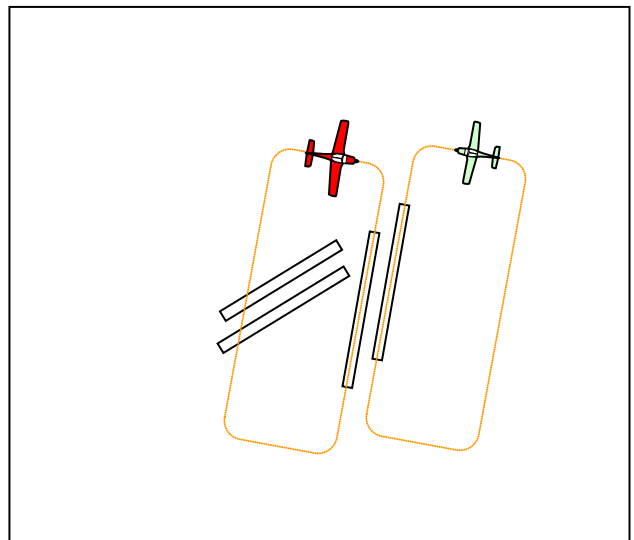
27. MCJ, roger. You're number 2 to follow the Cherokee in your 10 o'clock position, high on late downwind.

MCJ, traffic in sight



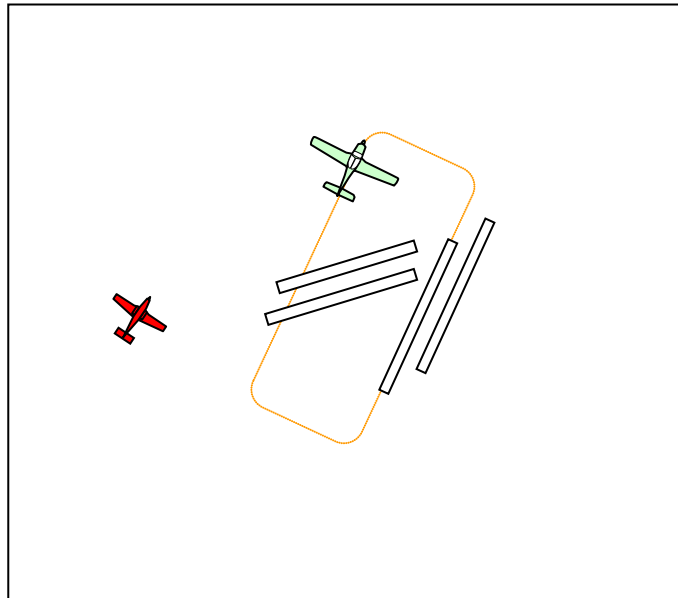
28. TGZ, there's traffic in your 12 o'clock, a company Grob on a left base for 21 left.

TGZ, traffic in sight



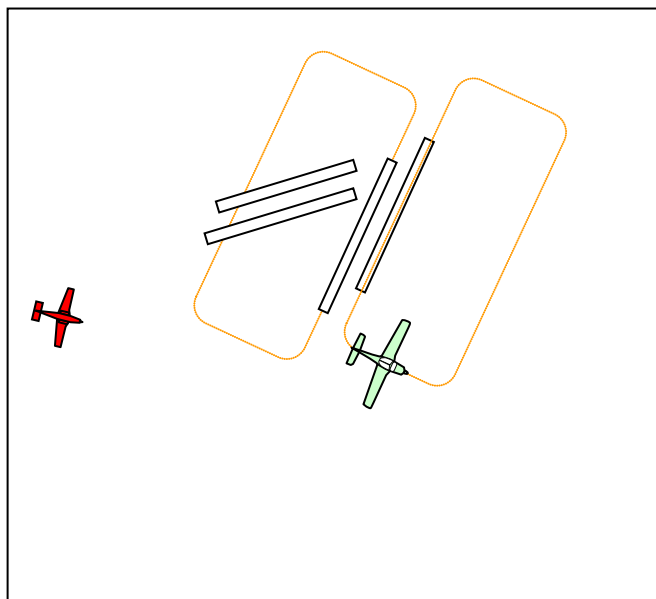
29. IHH, traffic out to your right about 2 o'clock is a Grob approaching the end of downwind for 21 left.

IHH, traffic in sight



30. YHH, traffic low in your 11 o'clock is a Grob on crosswind for left circuit 21 left.

YHH, traffic in sight



TRAFFIC POSITIONS 08H – LISTENING (2015)

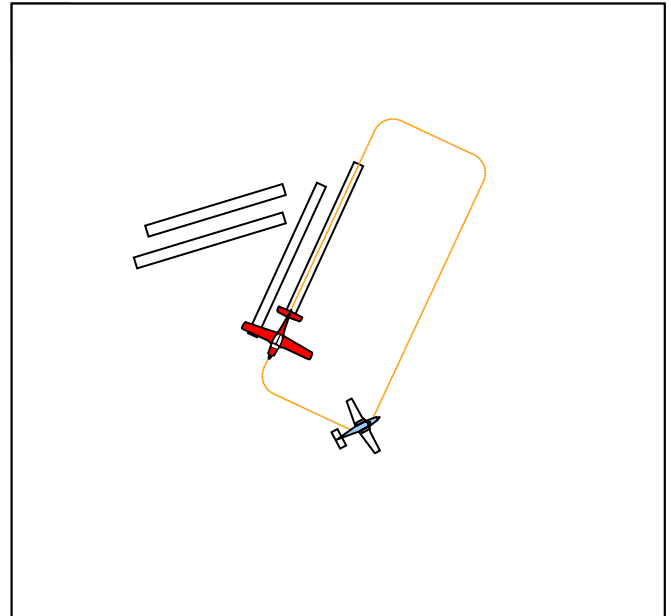
Further practice to traffic calls.

Note down the traffic type, draw its position and indicate the intention of the traffic.

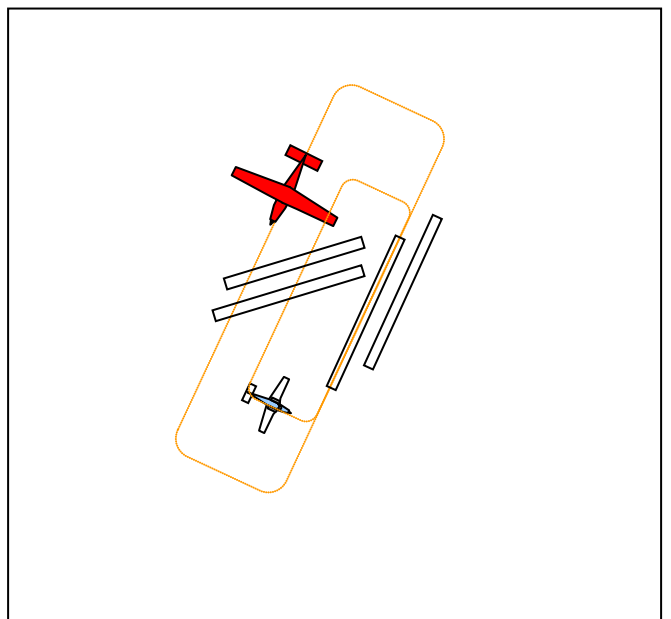
Write down your response to the call or your read back.

TRAFFIC POSITIONS 08H - LISTENING TAPESCRIPT AND READ BACKS (2015)

1. TGT, traffic you're following now in the circuit is a Tobago in your 10, coming up to 9 o'clock now turning downwind.
TGT, traffic in sight

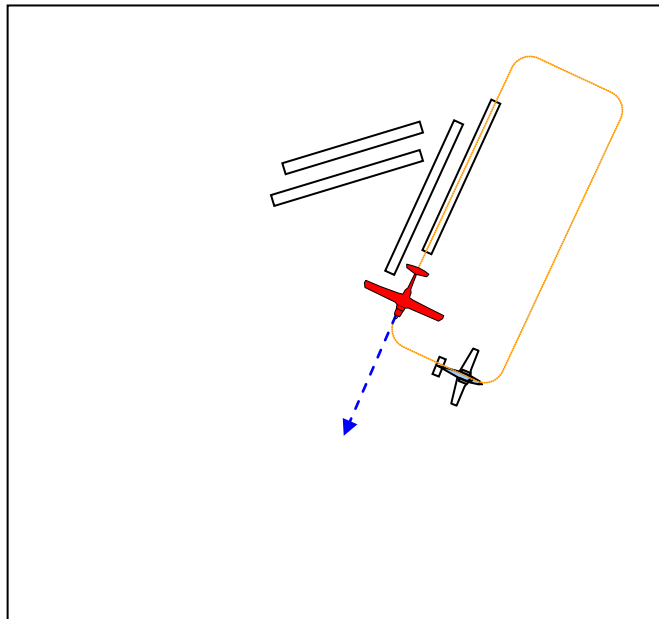


2. ~BR, do you have traffic on a low level circuit, aircraft could be low in about your 10 to 11 o'clock .
~BR, traffic in sight



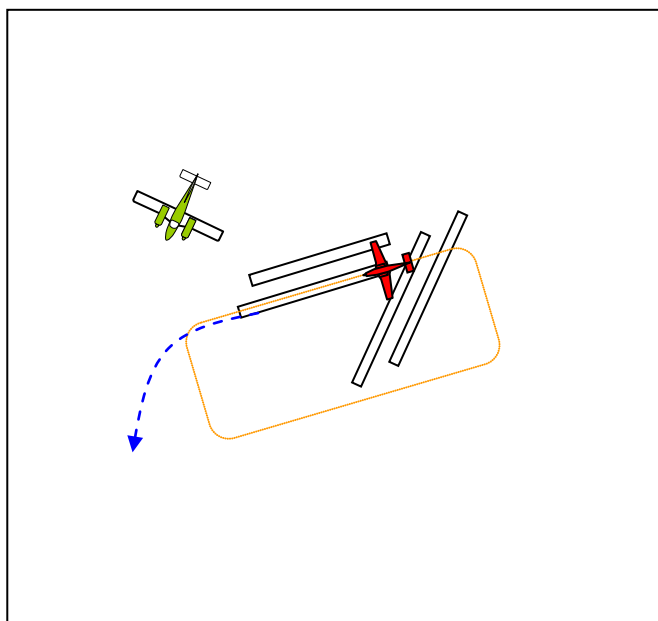
3. LCF, maintain runway heading and report sighting a Tobago your 11 o'clock high about 10 o'clock.

Maintain runway heading, traffic in sight, LCF



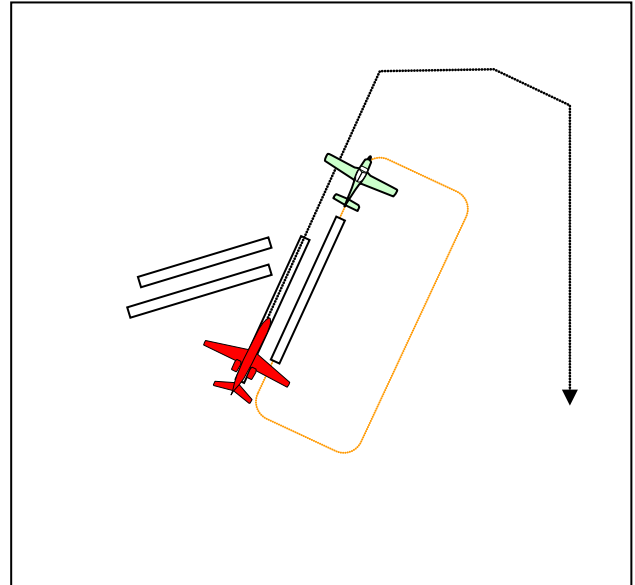
4. VSG, traffic in your 1 o'clock, on downwind is a Duchess for runway 03 left, runway 26 left, cleared for take off, make left turn.

Traffic in sight, runway 26 left, cleared for take off, left turn, VSG



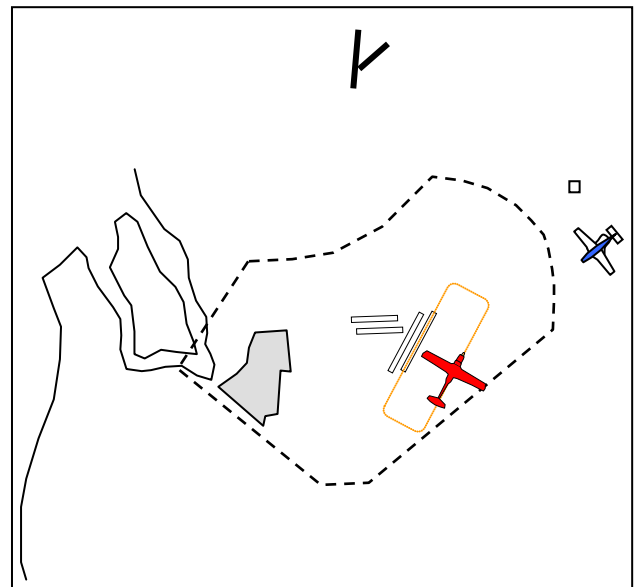
5. CXJ, traffic upwind off runway right is a Grob on circuits. Assigned heading right 180, cleared for takeoff.

Traffic in sight, right 180, cleared for take off, CXJ



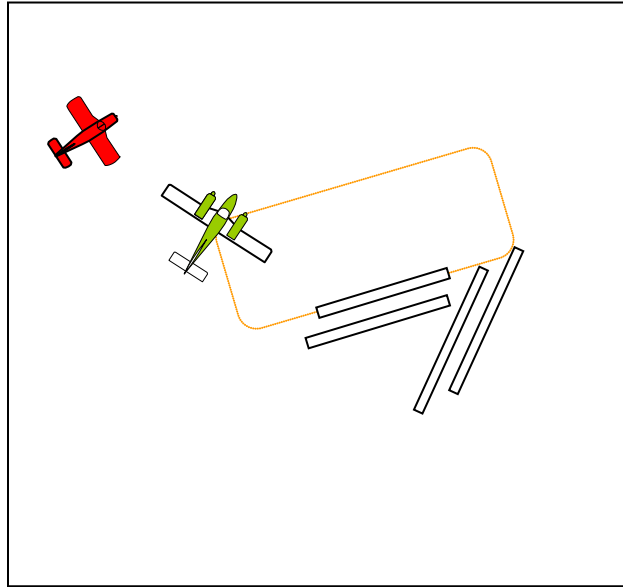
6. LFB, VFR traffic inbound from the Dam Wall, on descent from 1500, in your 1 or 2 o'clock at 3 miles.

LFB, traffic in sight



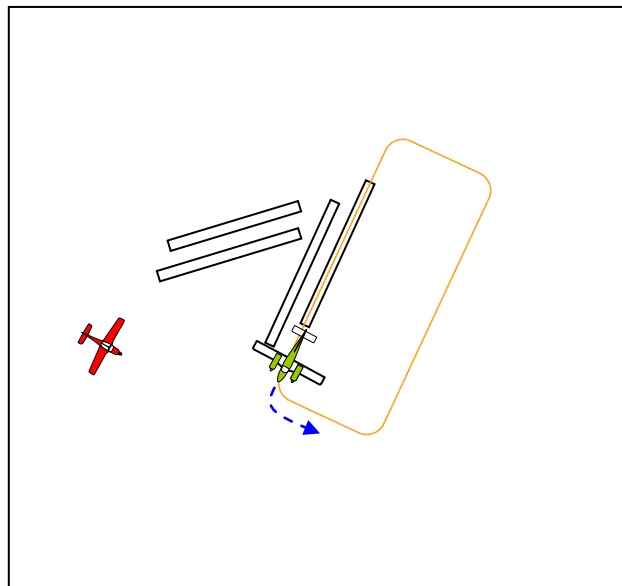
7. JAZ, traffic passing beneath you will be a Duchess he's out in about your 3 o'clock now, turning downwind Report sighting.

JAZ, traffic in sight

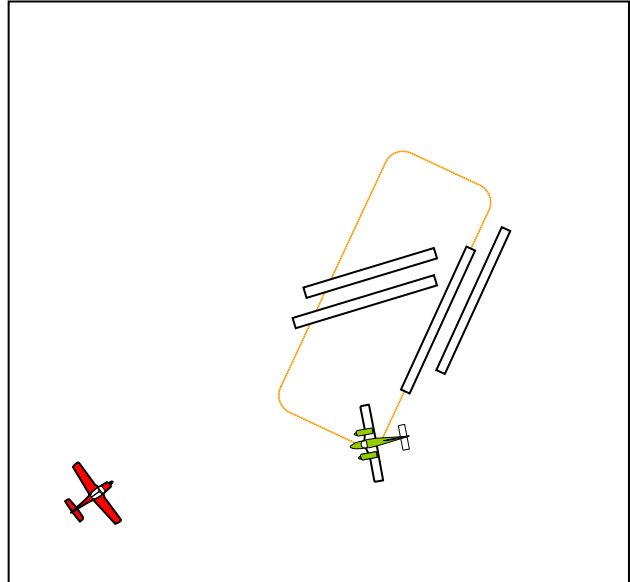


8. JVS, traffic a Duchess upwind 21 left, will be for a left circuit.

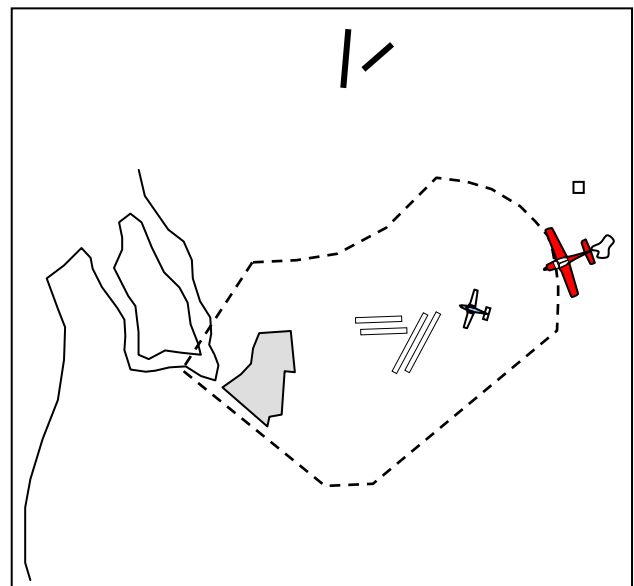
JVS, traffic in sight



9. JVS got the Duchess turning crosswind off 21?
JVS, traffic in sight

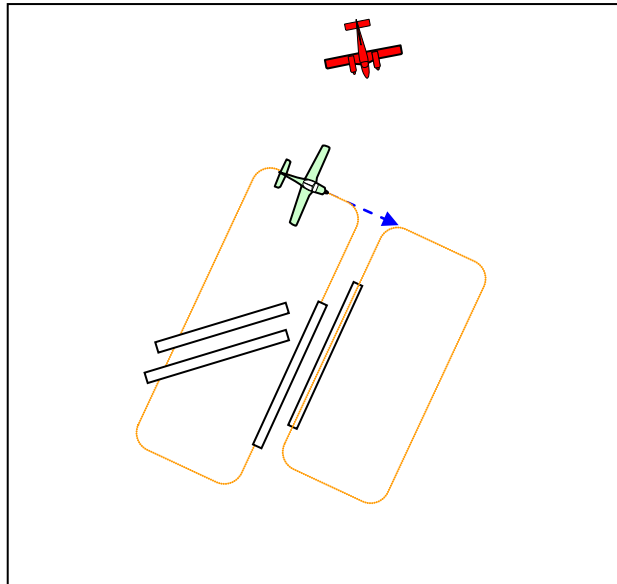


10. TGP you got the traffic in sight, now on base?
TGP, traffic in sight



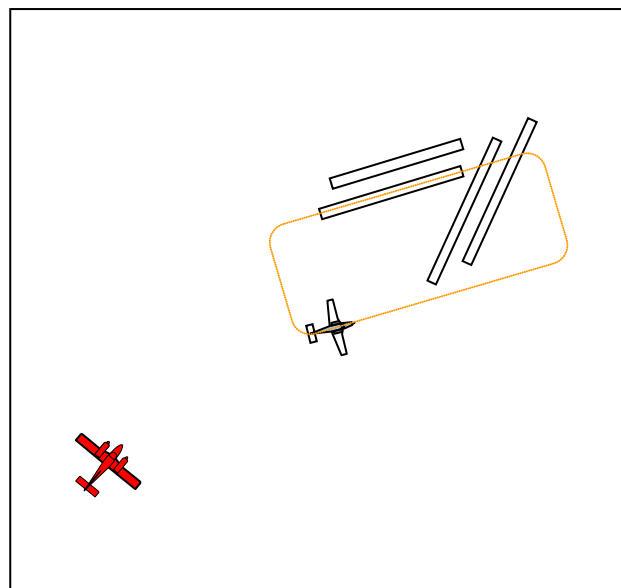
11. KTB, traffic for you a Duchess, correction the Grob, passing through your 12 o'clock, pass behind that aircraft.

Traffic in sight, pass behind the Grob, KTB



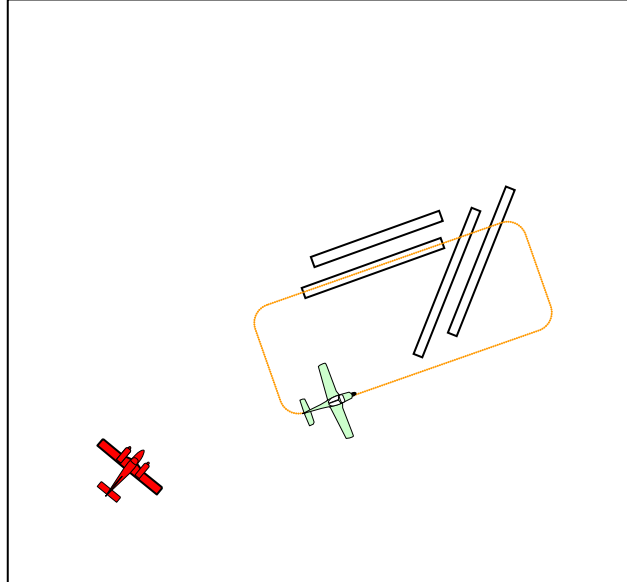
12. KTB, traffic a Cap 10, in early downwind for 26 left your 2 o'clock high.

KTB, traffic in sight



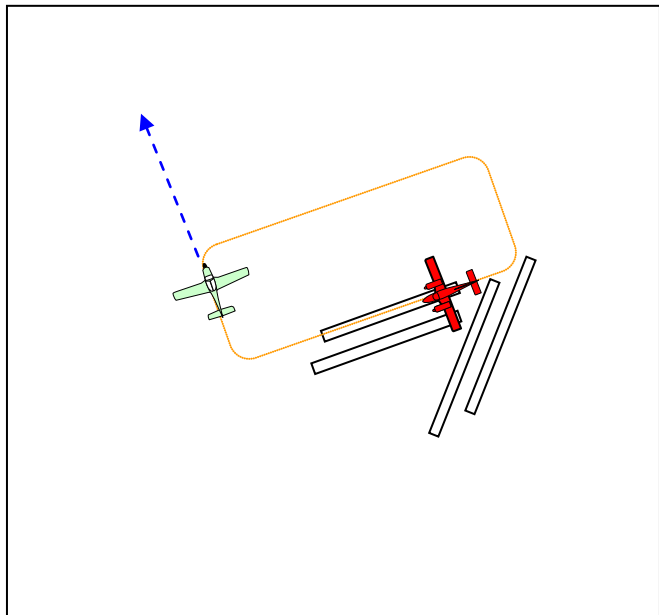
13. KTB report sighting a Grob, your 2 o'clock high be downwind for 26.

KTB, traffic in sight



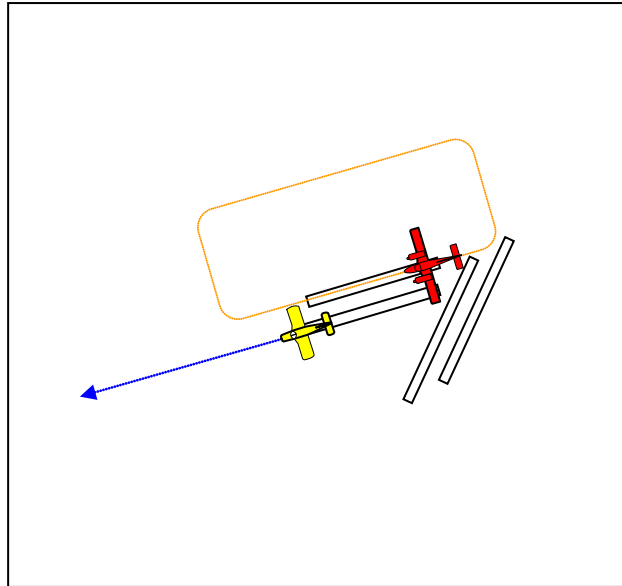
14. KTB, maintain 500, traffic a Grob departing crosswind at 500 for the Training area.

Maintain 500, traffic in sight, KTB



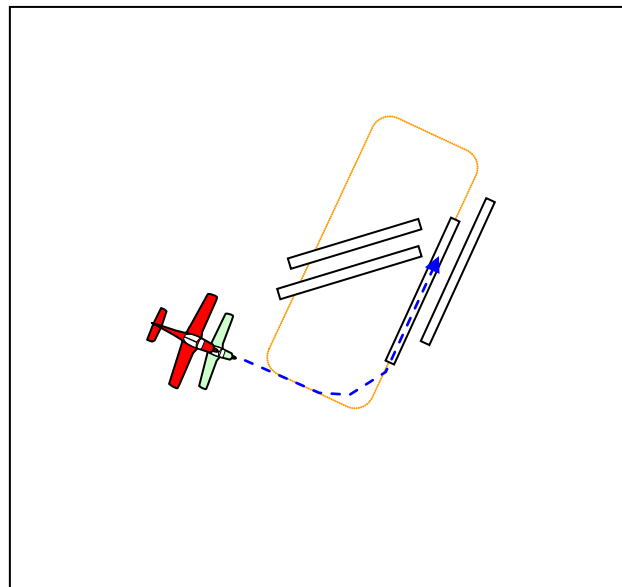
15. KTB, further traffic a Cherokee just airborne off 26 left, it will be maintaining runway heading

KTB, traffic in sight

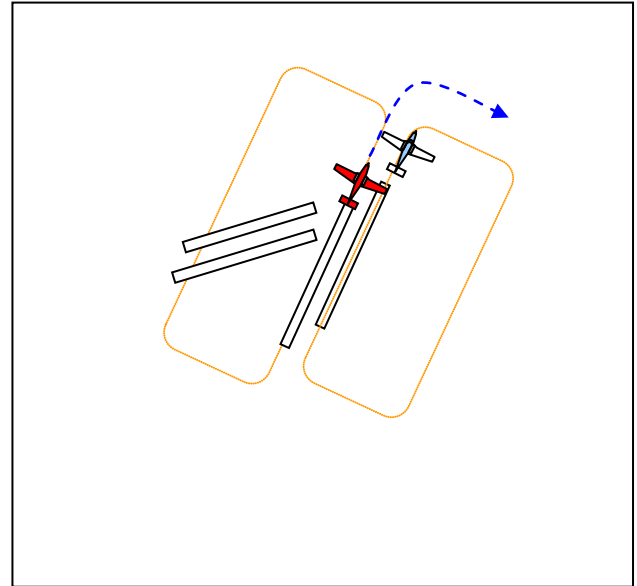


16. TGT, you've got a Grob underneath you, I suggest you maintain 1500 and join upwind thanks

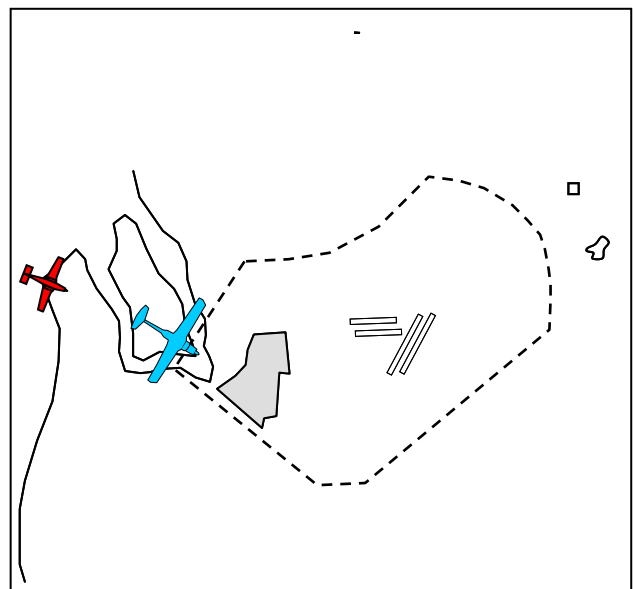
Traffic in sight, maintain 500, joining upwind, TGT



17. YTF, traffic is a Tobago upwind runway right. Follow that aircraft. When ready make a right turn, continue circuits 03 right. Contact me 124.6 downwind
Traffic in sight, when ready, right turn for runway 03 right, 124.6 downwind, YTF

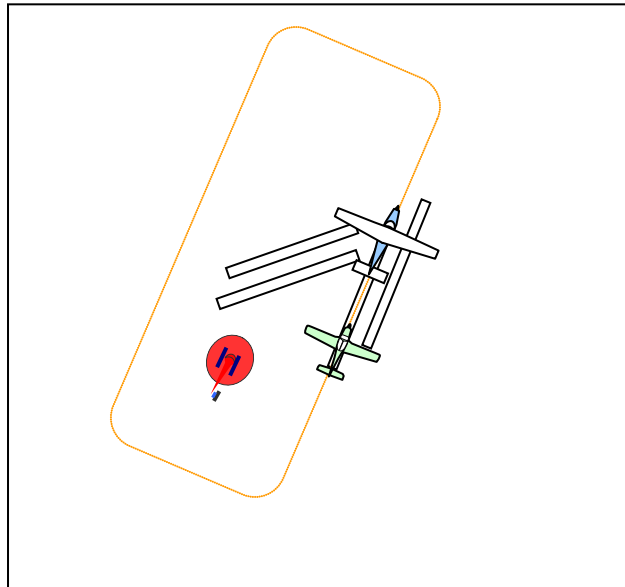


18. YTP, traffic, correction possible traffic is a Katana just reported inbound at Outer Harbour, also maintaining 1500
YTP, traffic in sight



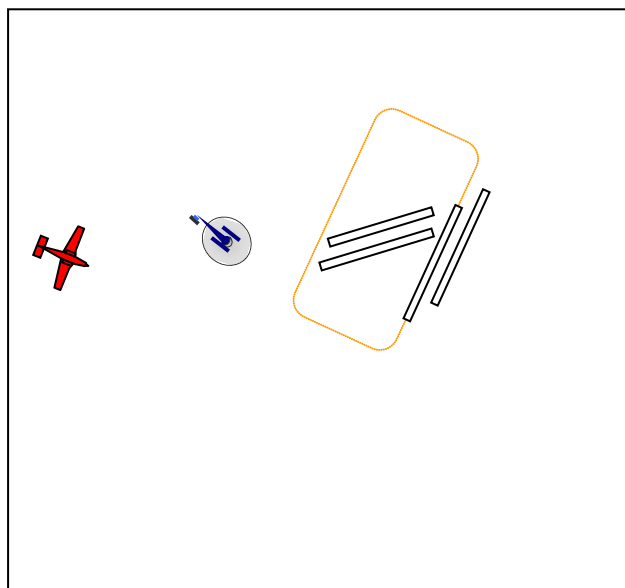
19. ELP, Pad west, cleared to land. Traffic is a Cessna airborne off runway left, followed by a Grob. Both aircraft outbound to the Training area.

Traffic in sight, Pad West, cleared to land, ELP

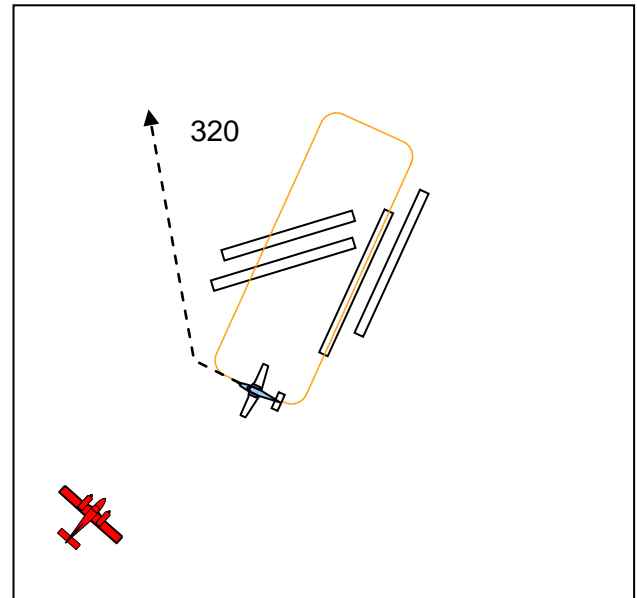


20. ~~~You're cleared visual approach, base runway 03 left, there is traffic, a helicopter on a close base for the undershoot 08 left

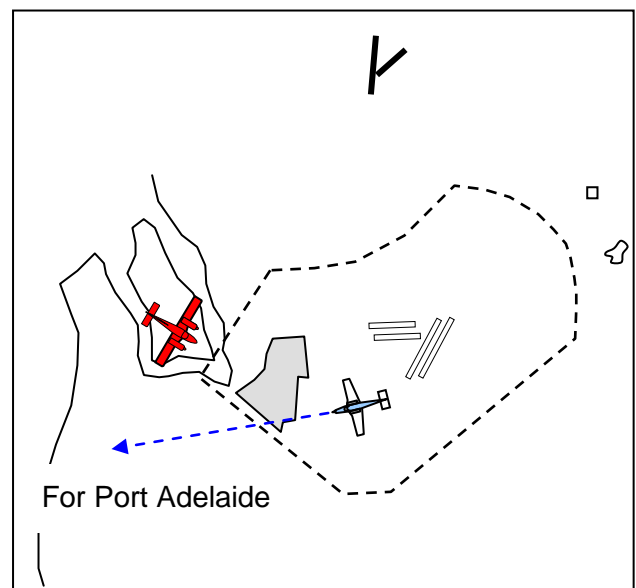
Cleared visual approach, base runway 03 left, traffic in sight, ~~~



21. WZA, traffic is a Tobago on crosswind turning onto a heading of 320, on climb to 4000
WZA, traffic in sight

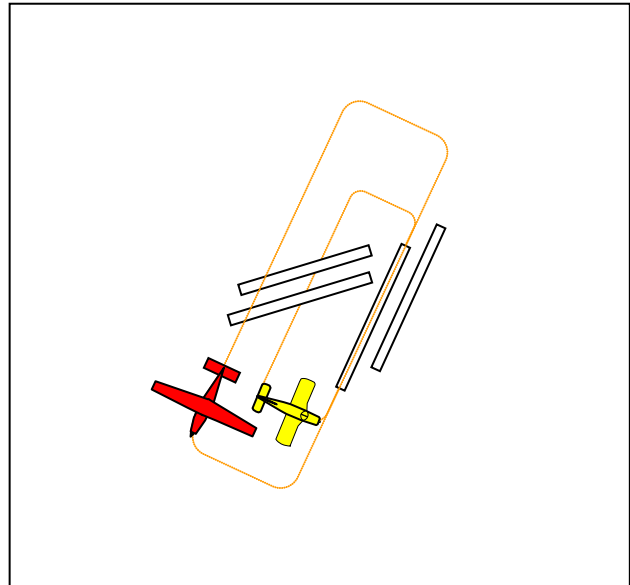


22. WZC, for information there's a Tobago outbound at 1500, tracking to Port Adelaide
WZC, traffic in sight



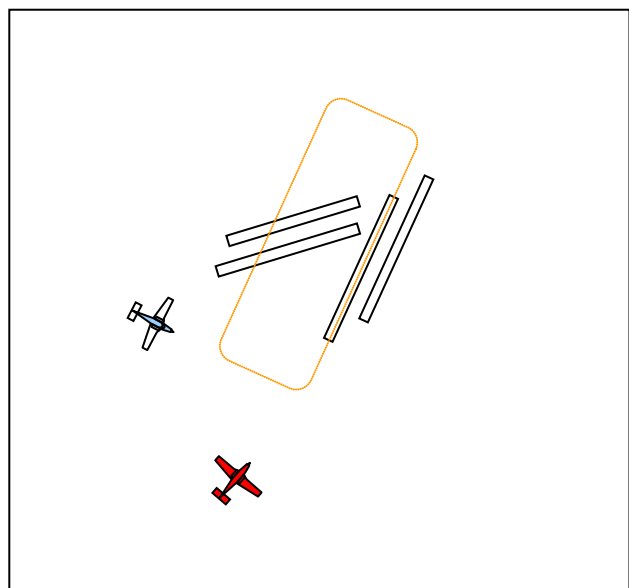
23. BFN, turn base and you'll be following a Cherokee on a low left base, back in your 8 o'clock

Turn base, traffic in sight, BFN



24. YTT, do you have traffic probably in about your 9-10 o'clock, a Tobago approaching a left base. The traffic will be low, about 1000.

YTT, traffic in sight.



25. TGN, track for a wide base, you're number 2 to land, number 1 is a Cessna 182 on a downwind leg, and if you look towards the Tower you'll see him. Report sighting.

Wide base, traffic in sight, TGN

