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DOCUMENT TITLE
PRE-SOLO 2 SELF STUDY CTA

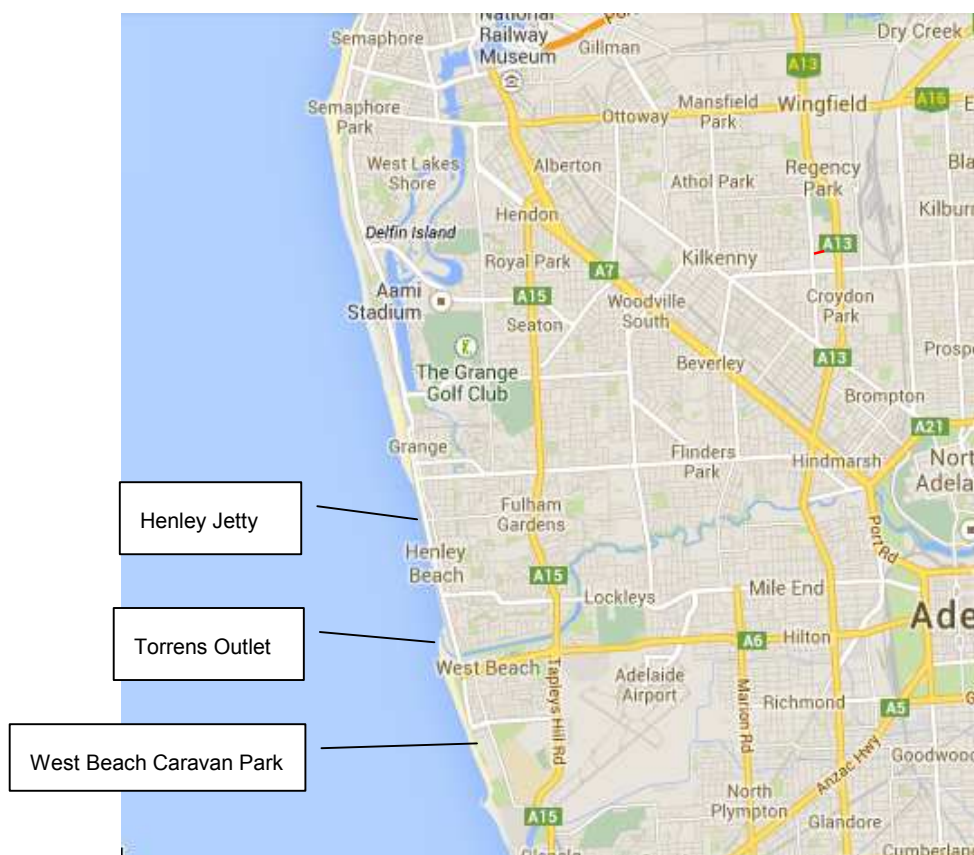
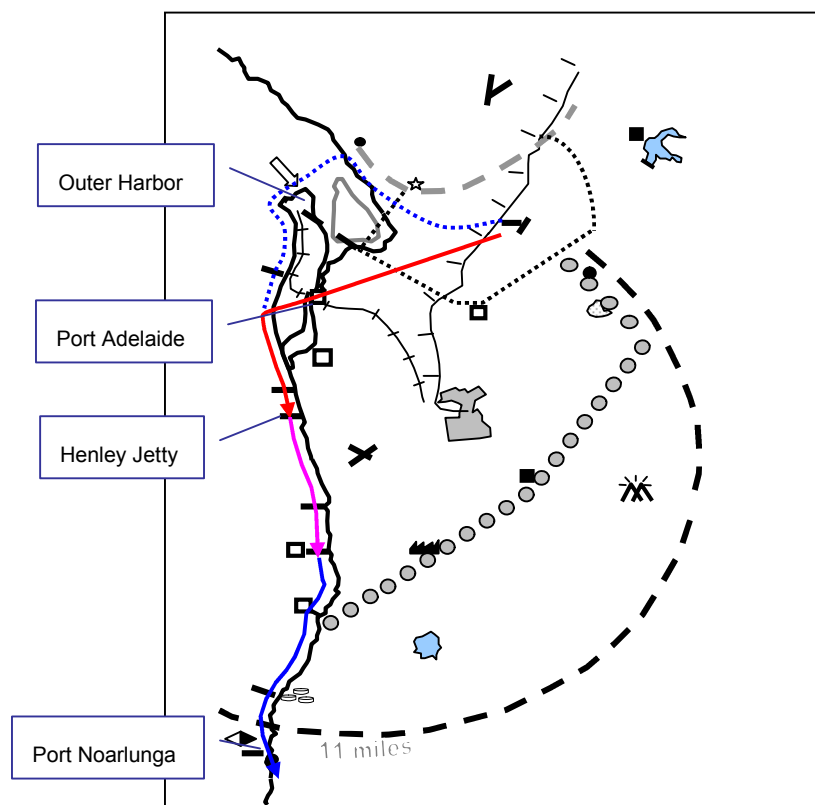
CHAPTER 15 – HELICOPTER OPERATIONS

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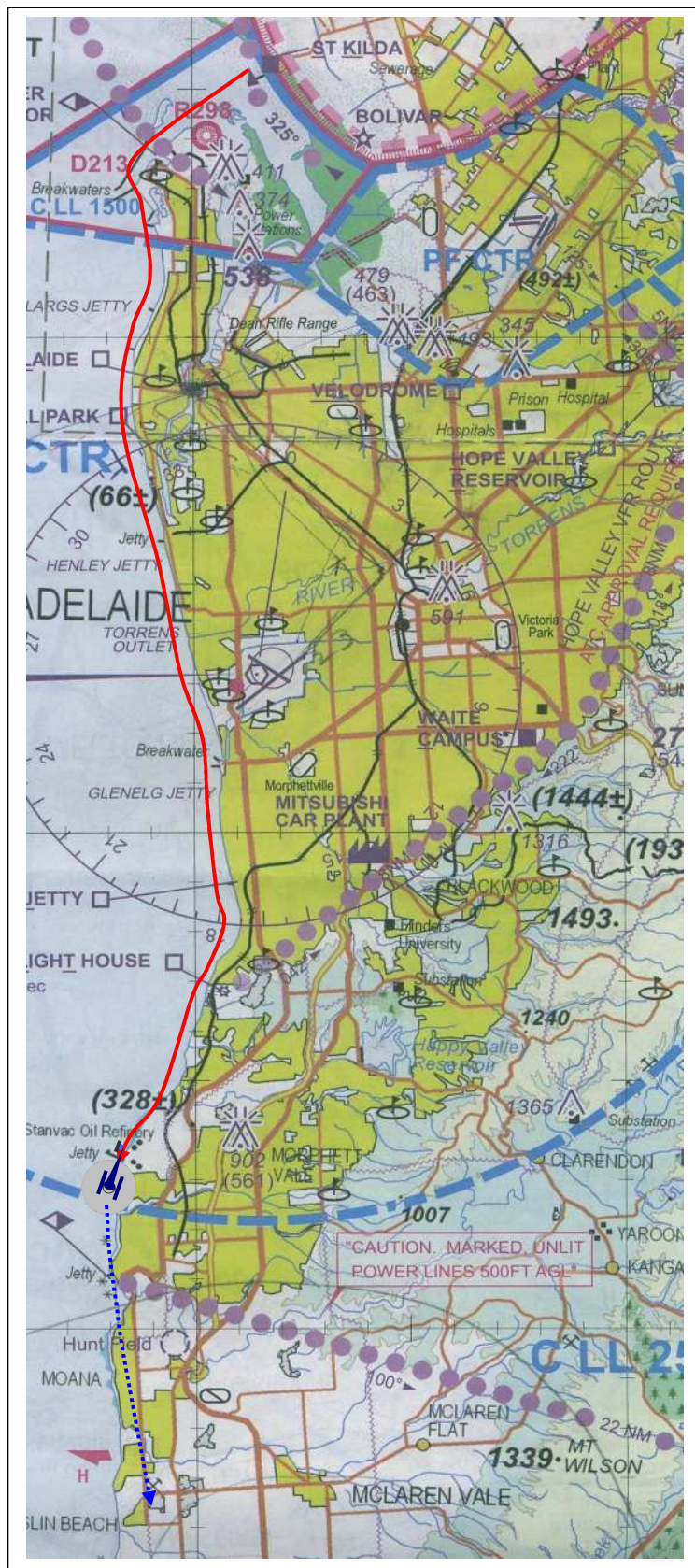
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TYPICAL HELICOPTER FLIGHTS INTO CLASS C AIRSPACE



LEAVING CONTROLLED AIRSPACE



When an aircraft is approaching the edge of the Approach control radar, the controller will advise the pilot that the radar services are about to finish. The controller may provide tracking details and/or vectors to the pilot's destination according to his/her flight plan. Typical language in this situation:

C: FTR you can turn left and track direct to Aldinga, resume own navigation

P: Turn left, direct Aldinga, resume own navigation, FTR

After the pilot gives his/her read back the controller will terminate the radar services and ask the pilot to change the transponder code to 1200 with language such as:

C: FTR, radar services terminated, squawk code 1200

or

C: FTR, you are about to leave controlled airspace, radar services terminated, squawk code 1200

or

C: FTR, you are about to leave controlled airspace, radar services terminated, frequency and code change approved.

It is not required to read back radar services terminated, however the transponder code should be read back.

CTA HELICOPTER FLIGHT 1

Route: Parafield - Port Adelaide – Aldinga (Direct into Class C airspace)

Parafield Ground, helicopter FTR, Heli parking area, for Aldinga, dual, Information E, request taxi to Pad West and airways clearance

FTR Ground, standby for airways clearance.

Standby, FTR

FTR, cleared Parafield then Port Adelaide then coastal southbound Port Noarlunga, maintain 1500, Squawk code 0505

Cleared Parafield, Port Adelaide then coastal southbound Port Noarlunga, maintain 1500, Squawk 0505, FTR

FTR, taxi and hold short of Pad West, when ready contact the Tower 118.7, Time 15

Hold short of Pad West, when ready 118.7, FTR

Parafield Tower FTR, holding short of Pad West

FTR, Parafield Tower, enter Pad West

Enter Pad West, FTR

FTR, Pad West, ready for St Kilda Departure.

FTR, hold position

Holding, FTR

FTR, clear for take off.

Clear for take off, FTR,

FTR, maintain 500

Maintain 500, FTR

FTR, traffic high in your 10 o'clock is a Tobago turning downwind. Once you are clear of that aircraft climb to 1500.

Climb to 1500, FTR

FTR, contact Approach 124.2

124.2, FTR

Adelaide Approach, helicopter FTR, 1500.

FTR Adelaide Approach, identified, track to the coast, 1500 then coastal southbound, clearance limit is Henley Jetty.

Track to the coast, 1500 then coastal southbound, clearance limit Henley Jetty, FTR

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FTR, clearance limit Henley Jetty, hold north of Henley Jetty until advised.

Clearance limit Henley Jetty, hold north of Henley Jetty, FTR

FTR, established off shore descend to 500 feet, tracking southbound and clearance limit is still Henley Jetty.

Established off shore descend to 500 feet, southbound, clearance limit Henley Jetty, FTR

FTR contact Adelaide Tower 120.5. They will advise onwards clearance.

120.5, FTR

Adelaide Tower, Helicopter FTR

FTR Adelaide Tower, clearance limit Henley Jetty

Clearance limit Henley Jetty, FTR

FTR are you familiar with Henley Jetty?

FTR, affirm

FTR clearance limit Henley Jetty

FTR

FTR, make right hand orbits in your current position.

Right hand orbits current position, FTR

FTR continue in the right hand orbits till advised

Continue in right hand orbits, FTR

FTR confirm continue in right hand orbits.

FTR, affirm, right hand orbits

FTR, report sighting a Virgin A320 rolling runway 23 at this stage.

FTR, traffic in sight

FTR, make this a tight orbit, and continue tracking coastal southbound, 500 feet, maintain your own separation visually with that aircraft.

Tight orbit, continue tracking coastal southbound, 500 feet, maintain separation, FTR

FTR, it's not going to work now, make a right hand turn, coastal northbound at 500 feet, back to Henley Jetty

Right hand turn, coastal northbound at 500 feet, back to Henley Jetty, FTR

FTR, make orbits in your current position and I'll advise onwards clearance shortly.

Orbits in current position, FTR

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FTR, when making the orbits, remain west of the coast

Remain west of the coast, FTR

FTR, are you familiar with the West Beach caravan Park?

FTR, negative

FTR, the caravan Park is on your left hand side down the coast about a mile. Got it in sight now?

FTR, affirm, got the caravan park sighted

FTR, just continue southbound, right hand orbits as necessary, not above 500 feet

Continue southbound, right hand orbits as necessary, not above 500 feet, FTR

FTR, require your best forward speed now, so continue southbound coastal

Best forward speed, continue southbound coastal, FTR

FTR contact Approach 118.2.

118.2, FTR

Adelaide Approach, Helicopter FTR., maintaining 500 feet

FTR, Approach, continue southbound not above 500 feet

Continue southbound not above 500 feet, FTR

FTR, control and radar services terminated in 3 miles, squawk code 1200, frequency change approved.

1200, frequency change approved, FTR

CTA HELICOPTER FLIGHT 2

Route: Parafield - Outer Harbor - Aldinga (St Kilda Departure)

Adelaide Approach, helicopter FTD, approaching Outer Harbor, 500 feet, request clearance

FTD, Adelaide Approach, giddy, remain outside Class C airspace, standby for code

Remaining outside Class C airspace, standing by, FTD

FTD, squawk 0457

0457, FTD

FTD, identified, Adelaide QNH 1012, cleared to operate between Outer harbour and Port Adelaide, not above 500 feet coastal off shore

Cleared to operate between Outer harbour and Port Adelaide, not above 500 feet coastal, FTD

FTD, expect a 10 minute delay, proceed southbound

Proceed southbound, FTD

FTD, maintain 500 feet, clearance limit Henley Jetty

Maintain 500 feet, clearance limit Henley Jetty, FTD

FTD, confirm coastal offshore southbound.

FTD, affirm confirm coastal offshore southbound.

FTD, roger, coastal southbound, contact Tower 120.5

Coastal southbound, 120.5, FTD

Adelaide Tower, Helicopter FTD

FTD, Adelaide Tower, hold north of Henley jetty

Hold north of Henley jetty, FTD

FTD, cancel holding, continue coastal southbound not above 500 feet, track behind the Dash 8 maintain your own separation with that aircraft, caution wake turbulence

Cancel holding, coastal southbound not above 500 feet, track behind, maintain own separation, FTD

FTD contact Approach 118.2

118.2, FTD

Adelaide Approach, Helicopter FTD, maintaining 500 feet

Helicopter FTD, Adelaide Approach

FTD, leaving the control zone, 11 miles south of Adelaide, control services terminated, frequency and code change approved

Frequency change approved, FTD

PARAFIELD RADIO CALLS – ARRIVALS AND DEPARTURES OCTA & CTA

Aircraft intending to enter Class C beyond SUB/SKI should request a code from Parafield Ground, conduct a SUB/SKI Departure and contact Adelaide Approach on 124.2 at SUB/SKI for clearance.

TAXI CALL

Parafield Ground, helicopter FTR, washbay, for St Kilda departure, dual, Information E, request taxi to Pad West and code.

If the Navex is proceeding directly C airspace, the first landing point is advised.

Parafield Ground, Helicopter, FTR, Information ATIS, washbay for Pad West for Aldinga (FIRST LANDING POINT), dual, request taxi and clearance.

READY CALL

When reporting ready for operations wholly within a Class D CTR or departure from Class D CTR into Class E or G airspace, the pilot must report intentions (e.g. departure procedure, tracking details. - first tracking point)

Parafield Tower FTR, ready Pad West, for Port Adelaide.

Parafield Tower YTJ, ready Pad West for SUB/SKI Departure.

ADELAIDE APPROACH – first contact

If the Navex is proceeding to enter Class C at St Kilda

Adelaide Approach, Helicopter FTX, St Kilda, 500, request airways clearance

AIRBORNE REPORT APPROACH – first contact

If the Navex is proceeding directly C airspace, the Adelaide radar controller will see your aircraft depart and track direct toward Port Adelaide He/she will be waiting for your radio call.

Adelaide Approach, Helicopter CALLSIGN, passing ...on climb or maintaining (assigned altitude)

ADELAIDE TOWER – first contact

Adelaide Tower, CALLSIGN

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