



DOCUMENT
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DOCUMENT TITLE
PRE-SOLO SELF STUDY 1
CHAPTER 18 – GLOSSARY

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GLOSSARY: CIRCUIT AND RADIO TELEPHONY VOCABULARY

Word	Meaning	Example
Abeam	In line with your wing tip. In your 3 o'clock or 9 o'clock position.	TGM, report abeam Bolivar Strobe. Wilco, TGM
Acknowledge	Let me know you have heard and understood my instruction	You must acknowledge radio calls made to your aircraft.
Active runway	Any runway being used for take-off or landing.	
Adjacent to	Next to.	SEA, just caution, personnel operating adjacent to the taxiway.
Affirm	Yes	TGY, confirm you have the Cherokee in sight? TGY, affirm, traffic in sight
Aircraft 'inside you'	An aircraft has turned, and it is now between you and the runway.	XYM, caution, there's a Grob inside you on base leg. Report sighting.
Aircraft 'High'	Another aircraft is above your level.	TGZ, you are number two to a Tobago, inbound from the Dam Wall, currently high in your 12 o'clock.
Aircraft 'Low'	Another aircraft is below your level.	XYG, make straight -in approach, runway 21 left. You will be number one to a Grob on late downwind, low in your 10 o'clock.
Amended	Clearances are often changed. The controller may use this word.	WZA, amended clearance, track via Port Adelaide to Adelaide
Approved / not approved	Allowed / not allowed.	WZA, asymmetric circuits approved. TGM, glide approach not approved. Follow the Grob ahead upwind.
Apron	The hard (paved) area surrounding the control tower and the hangars, used for taxiing and parking of aircraft.	
Arrivals	Aircraft inbound to Parafield.	ATIS: - "Arrivals and departures West use runway 21 right, Tower frequency 118.7."
Asymmetric circuits	Circuits practiced by multi-engined aircraft, with one engine simulated inoperative.	BTO, asymmetric circuits not available on that runway."
Auto-rotations	A helicopter making an approach to land, after a simulated (or real) engine failure.	* When a helicopter practices auto-rotations, it descends very quickly.

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Backtrack	To do a 180° turn on the runway, and taxi back along the runway towards the threshold.	TGM, backtrack approved. Report ready.
Balloon	A term used to describe when the pilot flares too quickly, and the aircraft gains height above the runway.	Instructor: "Frank, you will have to learn the correct actions to recover the aircraft from a balloon."
Bird-strike	A bird-strike occurs when an aircraft hits a bird or birds.	
Bitumen	Surfaces of runways sealed with a black tar material. Also called asphalt.	
Blowout	A punctured tyre, which will deflate quickly.	The student landed with his feet on the brakes, and caused a tyre to blowout. He subsequently lost directional control of the aircraft.
Boggy area	An area of soft and or wet ground If you taxi over it you might get the landing gear stuck.	
Bounce	On landing, the aircraft hits the ground, and before gaining height above the runway. Unless the pilot corrects, a series of larger and larger bounces may result.	
Boundary	The line between two areas.	The Little Para River is the boundary between the Parafield Control Zone, and the Edinburgh Control Zone.
Break Break	Indicates the separation between messages to 2 different aircraft	XYB, hold position. Break break YTV, go ahead again your call.
Cable (Tie-down cable)	A length of strong wire for securing the aircraft when they are parked.	
Cancel	Annul the previously transmitted clearance	WZA, cancel the landing clearance, continue approach.
Centreline	The white broken line down the middle of a sealed runway	
Clearance	A set of instructions	
Cleared	Authorised to proceed under the conditions specified.	XFG, cleared for take off
Close	A 'close' circuit is one which is nearer to the runway than normal.	TGE, your circuit is too close. Request you widen out your circuit?

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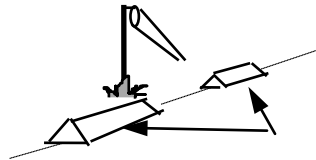
Word	Meaning	Example
Coastline	Where the land meets the sea.	
Collide / collision	To hit something.	If you do not watch your wingtips when you are taxiing, you may collide with another parked aircraft. You will have a collision.
Cone markers	Small cones used to mark surfaces around the airport. They are often used to mark obstacles or unserviceable areas.	
Confirm	To request an answer yes or no to a question. To check that information has been received or understood correctly. *Never answer a question with your callsign only.	<i>XYD, confirm you have the Grob in your 2 o'clock in sight?</i> <i>XYD, affirm, traffic in sight.</i> <i>or</i> <i>XYD, negative contact</i>
Contact	To call someone on the radio.	<i>LQC, contact the Tower now on 124.6</i>
Control Tower	A tall building from where the Controllers watch the movements of aircraft, and give instructions to the pilots.	
Correction	An error has been made in this transmission. The correct version is....	<i>XTV, correction XTY, clear for take off</i>
Crosswind circuits	Take-offs and landings which are practiced not into wind. They are often practiced on a different runway.	<i>All Stations, there are crosswind circuits starting on runway 26 left.</i>
Crosswind component	The amount of wind blowing across the runway.	<i>XYF, crosswind 10-15 knots.</i>
Dam Wall	An inbound reporting point, north east of Parafield.	<i>HYA, you're number two. Follow a Cherokee, inbound from the Dam Wall, currently in your 10 o'clock.</i>
Departures	Aircraft flying away from Parafield.	ATIS: "Arrivals and departures east use..."
Delay	To wait for a short time.	<i>TGE, ready, request a 10 second delay.</i>
Do not delay	Don't wait	<i>XYA, do not delay, clear for takeoff.</i>
Disabled aircraft	An aircraft which has been damaged, and cannot be taxied.	The Tobago was forced to go around, because there was a disabled aircraft on the runway.

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Displaced threshold	The first part of the runway cannot be used, and the threshold has been moved further along the runway.	
Dust Devil	Dangerous revolving air masses, occurring in the summer months.	The pilot decided to go around, rather than land when a dust devil was about to cross the runway.
Duty runway	The runway nominated for use on the ATIS. Where it is possible, the 'Duty runway' is the most into wind runway.	
Early turn	After doing a go-round, an aircraft may be allowed to turn early and join the circuit at the mid-downwind position.	WZA early right turn available, advise.
Expedite	To do something faster than usual	TGK, expedite descent to circuit altitude.
Extend	To make longer	HGK, extend your downwind leg until advised"
Field	The aerodrome	YTG, overfly the field for a left downwind runway 03 L
Flapless approach	To make an approach to land without the use of the flaps.	If you have an electrical failure in the Grob or the TB10, you will have to do a flapless approach.
Flight strip	The area inside the gable markers of a runway.	TGT, confirm clear of the flight strip
Flock	A large number of birds	
Full-stop landing	The aircraft will land, and turn off onto a taxiway.	TGA, confirm the preceding aircraft is making a full-stop landing?
Gable markers	Long white, yellow or blue markers. White gable markers are along the sides of the runways. Yellow markers are along the taxiways. Blue markers are along the sides of the areas used for helicopter practice.	
General Broadcast	A Tower transmission to warn all aircraft of a hazard in the circuit area. * Do not answer a General Broadcast.	"All stations, There is a dust devil just crossing the upwind threshold of runway 03 right."

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Word	Meaning	Example
Gepps Cross	Gepps Cross is the intersection of five roads, about 4 miles south of Parafield. It <u>used to be</u> requested as a reporting point, because it lies on the boundary between the Parafield and Adelaide Control zones. It is no longer shown on the VTC and has been replaced by the Velodrome.	
Glide Approach	An approach to land on the runway with the throttle fully closed. (to simulate engine failure)	XYC, glide approach approved.
Hangar	A large building for the storing and maintenance of aircraft	
Hazards	Dangers.	Dust devils and flocks of birds, are two common hazards in the Parafield circuit.
Helipad	The place a helicopter lands and takes off a rotary wing.	
Holding Point	A point (marked with lines painted across the taxiway), which an aircraft cannot taxi past without permission from the controller.	
Hold position	Do not move!	THA, hold position, Tobago on final.
Identify	To see and recognise the traffic the Controller is telling you about.	PLW, traffic for you to sight is a Cessna 210, inbound from the Dam Wall.
Immediate	The controller uses the word immediate(ly) when he wants you to act faster than usual.	MHO, line up and be ready immediate. (Be ready to take off quickly when given your take off clearance)
Inbound	Inbound traffic is traffic flying towards Parafield.	XYB, follow the Cherokee inbound from the Dam wall, currently in your 11 o'clock.
Increase speed	Fly faster than usual	TGE, increase speed, the Lear Jet is about to join the circuit
Inside	On a closer (smaller) circuit.	YHA, caution, traffic inside you is a Grob. Have you got him in sight?

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Word	Meaning	Example
I say again	I am repeating what I just said for emphasis.	XYC, I say again, make a right turn!
Keep your speed up	Don't slow down.	YHH, keep your speed up, I've got the jet inbound from Velodrome behind you!
Late downwind	A position along the downwind leg, approaching the base turning point.	TGT, follow the Grob ahead on late downwind.
Low level circuits	Circuits practiced on runway 21 right, or 03 Left, which must be done at 500 feet, inside the airport boundary on the downwind leg.	HYF, join circuit on a right base, runway 21 right and report on base. You will be following the Cap-10 on low-level circuits, currently in your 3 o'clock low.
Maintain	To keep doing the same thing.	XYB, maintain runway heading until advised.
Mid-downwind	A position half way along the downwind leg.	TGM, make an early right turn to join mid-downwind.
Monitor	Listen out on this frequency	XYF, monitor Adelaide Centre 130.45
Negative	No!	TGT, have you the Cessna sighted? TGT, negative, traffic not sighted.
Negative ATIS	There is no ATIS on 120.9 when you listen. Usually this means that the Controller is making a new ATIS.	Parafield Tower, Grob, TGM, Outer Harbour 1500, inbound with negative ATIS.
Oblique- downwind -Base	A downwind / base leg at an angle.	When we are inbound from the training area to land on runway 21 right, we fly an oblique downwind leg, and join the circuit on a right base.
Ops (operations) normal	Everything is OK; you don't have any aircraft problems.	YTO, confirm ops normal
Orbit	A 360° turn while maintaining your present height.	TGZ, make one right hand orbit in your present position.
Outbound	Traffic which is flying away from Parafield is outbound.	WZA, the traffic ahead of you is outbound for Port Adelaide.
Outside	Further from the runway than you. Flying a larger circuit.	TGE, have you the traffic outside you in your 3 o'clock sighted?
Overfly	Fly overhead and past a point	YTH, overfly the field

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Word	Meaning	Example
Overshoot	Go round! To conduct a 'missed approach.' To fly through the extended centre-line of the runway, when you are turning onto final.	Ario that is the third time you have overshoot the turn onto final, which is a very dangerous thing to do!
Pigeons	Birds that fly in large 'flocks' around the aerodrome.	"All Stations, there is a large flock of pigeons on the approach to runway 21 left."
Port Adelaide	A common tracking point when flying between Parafield and Adelaide airports.	FRG, amended clearance, track Adelaide via Port Adelaide, 1500.
Preceding aircraft	The aircraft in front of you.	XYH, the preceding aircraft will be making a full-stop.
Pull your speed in / back	Reduce speed / Fly slower than usual.	YHD, can you pull your speed back a little, I'm trying to get another aircraft in ahead of you.
Ranges	The hills east of Parafield	
Readable/ unreadable	Can / cannot be understood. "How do you read? Reading you 3 or readability 3	TGJ, your transmissions are unreadable. Try the other radio!
Request	Ask	XYA, request glide approach.
Request best speed	Fly faster than usual	TGE, request best speed, the Lear Jet is about to join the circuit
Roger	I have received all of your last transmission	
Report	Pass requested information	XYA, report your heading
Run-up bay	An area used to park aircraft, while they are doing pre-take off and engine checks.	
Say again	Repeat all or the following part of your transmission	
Sequence (Circuit sequence)	The landing order.	TGK, you'll be number two in the sequence now, following a Tobago joining mid-downwind.
Sight	To see.	TLF, report sighting the Diamond in your 10 o'clock.

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Word	Meaning	Example
Simultaneous Contra circuits	Circuits in opposite directions, taking place at the same time on parallel runways.	Parafield airport has simultaneous contra-circuits.
Standby	Wait I will call you.	
Stop and go landing	The aircraft will land and stop on the runway. It will then take off from its present position on the runway.	A clearance to make a stop and go landing automatically clears the aircraft to takeoff again.
Tarmac	Another word for apron	
Taxing line	A line painted on the ground for aircraft to follow when taxiing.	
Tighten your circuit up a bit.	Do a smaller (closer) circuit.	TGT, your circuits are too wide. Request you tighten up your circuits?
Touch and go landing	The aircraft will land, and then accelerate and take off again.	XYD, cleared touch and go.
Tracking	Using a navigational aid to fly from one place to another	
Traffic	Other aircraft.	YHD, caution, there is traffic starting crosswinds on runway 26.
Undershoot	The area of a runway beyond the threshold that you fly over on landing	
Unservicable runway	Can be recognised by a large white cross, painted on the surface of the runway.	
Vacate	To leave	LAB, vacate the runway via the next taxiway left

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Word	Meaning	Example
Verify	Check and confirm	
Westbound	Travelling to the west	
Widen out	To fly so that your downwind leg is further from the runway	TGZ, can you widen out a bit. Your circuits are too close
Windsock	A device placed near the runways, made from light material that blows in the wind, giving an indication of the wind speed and direction.	
Wilco	I understand your message and will comply with it.	
Works in Progress (WIP)	Maintenance or construction of runways, taxiways or any other part of the airfield.	POQ, caution, runway 21 has a displaced threshold due works in progress. (WIP on NOTAMS)
You can roll through	You do not have to exit the runway via the next taxiway. You can continue to roll along the runway, and take the last taxiway if you want to. This saves taxiing time , particularly on runway 03 left.	You cannot roll through unless you have permission from the Controller.