Murray River

Go Somewhere That Makes You Forget Your Phone!

The Murray River is Australia's longest river. It flows through three states and provides lush green landscapes in its surroundings.

Discover friendly country villages, rugged nature, wonderful culinary delights and great wines as you travel along the Murray River through Victoria, New South Wales and South Australia.

All climates are represented in this vast area, from alpine to subtropical, temperate to arid. 30,000 large and small marshes can be found along the banks of the river systems, eight of which have been designated as worthy of international protection.

From its mouth, the Murray is navigable 1986 kilometers upstream to Yarrawonga Weir (Victoria). There are 13 locks or weirs along this stretch. Popular is the trip with houseboats.

You will fly in the Robin DR400, a popular single engine light aircraft. It provides you with excellent outward visibility so you can enjoy the scenery of the Murray River at its best. After landing, find a suitable parking position and shut down the engine.

The voice messages are active when Com1 is set to 123.000 Mhz (Unicom), Com1 is activated and the volume of Com1 is above 0. To deactivate, turn down the volume, deactivate Com1 or change the frequency.

No. of Legs:	12
Total distance:	817 nm

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LEGS

LEG 1: YBRA - YKHA

Departure: Benambra Airport (YBRA)
Destination: Khancoban Airport (YKHA)
Distance: 64,8 nm

POI1-The Brothers

Distance:	4,0 nm
Dist. from Dept.:	4,0 nm
Dist. to Dest.:	60,8 nm
True Course:	53°
Magnetic Course:	40°

You start your journey over the Murray River about 25 nautical miles southwest of its source at Benambra Airport (YBRA). North of the airport is Lake Omeo. To the northeast you will recognize a mountain range, The Brothers, toward which you are flying. Head for the southern end. 3500 feet is a good cruising altitude for this area.

POI2-Macfarlane

Distance:	3,7 nm
Dist. from Dept.:	7,7 nm
Dist. to Dest.:	57,2 nm
True Course:	29°
Magnetic Course:	16°

In front of you is a small valley with a road. Follow it and fly into the valley. You will see a hill, the Macfarlane Lookout Natural Features and Scenic Reserve.

POI3-Murray River Source

Distance:	15,6 nm
Dist. from Dept.:	23,3 nm
Dist. to Dest.:	41,6 nm
True Course:	69°
Magnetic Course:	57°

Fly around the hill on the right side and turn to the east. You should now reach 4500 feet. You will see a road, which you now follow. The road winds visibly up a mountain. At first it runs along a ridge on your right and crosses the valley. Through the forest you will hardly recognize it and it will also turn into a side valley to the north.

You continue to stay at about 45 degrees magnetic and fly past the hills on the right. After a few minutes of flight, you will meet more roads leading into the valley of the Murray River. The river has its source about 5 nautical miles east into the Australian Alps, in the small valley to the right of the roads.

POI4-Murray River

Distance:	12,2 nm
Dist. from Dept.:	35,4 nm
Dist. to Dest.:	29,4 nm
True Course:	26°
Magnetic Course:	13°

The Murray River forms a large part of the border between Victoria (left side) and New South Wales on the right side of the river. You follow the river valley to the north. Initially, the still narrow stream is difficult to recognize, but due to the many small streams that flow through the forested slopes, it quickly becomes wider and recognizable for you.

POI5-Murray Gorge

Distance:	5,4 nm
Dist. from Dept.:	40,8 nm
Dist. to Dest.:	24,0 nm
True Course:	312°
Magnetic Course:	299°

After a few turns the river turns to the northwest. In the distance you can already see a few fields at Murray Gorge. 3500 feet altitude should be enough now.

POI6-Granuaille Mountain

Distance:	4,5 nm
Dist. from Dept.:	45,3 nm
Dist. to Dest.:	19,5 nm
True Course:	354°
Magnetic Course:	341°

Granuaille Mountain, 1427 m high, stands in the way of you and the river. The Murray River flows west past the mountain, and you should do the same.

POI7-Swampy Plain River

Distance:	16,2 nm
Dist. from Dept.:	61,5 nm
Dist. to Dest.:	3,3 nm
True Course:	346°
Magnetic Course:	334°

Follow the Murray River further through the valleys. You will come to fields and meadows and should already start descending. Behind the small mountain range on the right and before more hills, the Swampy Plain River flows in from the east.

YKHA-Khancoban Airport

Distance:	3,3 nm
Dist. from Dept.:	64,8 nm
Dist. to Dest.:	0,0 nm
True Course:	105°
Magnetic Course:	93°
Elevation:	955 feet
Fuel:	yes

The Swampy Plain River leads you to the Khancoban Pondage, at the northern end of which is the Khancoban Airport. The airport has an elevation of 955 feet and also offers fuel.

LEG 2: YKHA - YMAY

Departure: Khancoban Airport (YKHA)
Destination: Albury (YMAY)
Distance: 80,7 nm

POI8-Swampy Plain River Mouth

Distance:	5,0 nm
Dist. from Dept.:	5,0 nm
Dist. to Dest.:	75,7 nm
True Course:	303°
Magnetic Course:	290°

After takeoff, fly back to the Swampy Plain River and follow it to the confluence with the Murray River. The mouth is before a bridge where the Murray Valley Highway crosses the Murray.

POI9-Tooma River

Distance:	6,8 nm
Dist. from Dept.:	11,8 nm
Dist. to Dest.:	68,9 nm
True Course:	350°
Magnetic Course:	337°

You continue to follow the Murray River. At Towong there is a small bridge over the river. A bit further north the two arms of the Tooma River join the Murray.

POI10-Jingellic

Distance:	16,3 nm
Dist. from Dept.:	28,1 nm
Dist. to Dest.:	52,6 nm
True Course:	298°
Magnetic Course:	286°

Shortly after the mouth of the Tooma River, the Murray changes direction to the west. South of the river bends is the Tintaldra Wildlife Reserve, which extends to the village of the same name. At Tintaldra another bridge crosses the Murray River.

You continue flying along the river to the northwest. The Murray River Road, which runs south of the river, also helps you with orientation. The River Road runs north of the river. You will fly through a valley and then come across the villages of Walwa and, to the northwest, Jingellic, where another bridge crosses the river.

POI11-Lake Hume

Distance:	12,1 nm
Dist. from Dept.:	40,2 nm
Dist. to Dest.:	40,5 nm
True Course:	265°
Magnetic Course:	252°

The Murray River winds through the valley, flowing around a few hills until it swells into Lake Hume.

POI12-Granya

Distance:	10,4 nm
Dist. from Dept.:	50,5 nm
Dist. to Dest.:	30,2 nm
True Course:	220°
Magnetic Course:	208°

You follow the river and the lake south for a few minutes. When the course of the lake bends to the west, you follow the lake to the southern end.

POI13-Bulliho

Distance:	6,8 nm
Dist. from Dept.:	57,3 nm
Dist. to Dest.:	23,4 nm
True Course:	174°
Magnetic Course:	162°

A road will show you the way to the town of Bulliho. At times the road is hard to see through the forestation, but then just follow the valley and choose the lowest elevation to fly over. 2000 feet altitude should be sufficient.

Behind it you'll see a couple of roads meet and to the west you'll already see Lake Hume again.

POI14-Mitta Mitta River

Distance:	4,6 nm
Dist. from Dept.:	61,9 nm
Dist. to Dest.:	18,8 nm
True Course:	254°
Magnetic Course:	242°

Fly in a westerly direction to the lake. There the Mitta Mitta River flows into Lake Hume from the south.

POI15-Sandy Creek Bridge

Distance:	7,1 nm
Dist. from Dept.:	69,0 nm
Dist. to Dest.:	11,7 nm
True Course:	268°
Magnetic Course:	255°

You follow the western arm of Lake Hume. On the south shore you will see Tallangatta after a few minutes. Continue flying along the lake until it opens to the north.

POI16-WP16 Hume Dam & Bethanga Bridge

Distance:	7,4 nm
Dist. from Dept.:	76,4 nm
Dist. to Dest.:	4,3 nm
True Course:	335°
Magnetic Course:	323°

After a few miles, the lake narrows to the north. In the distance you can see the Bethanga Bride spanning the lake.

On the western shore, Hume Dam lies before you, damming the Murray River, the Mitta Mitta River and its tributaries to Lake Hume. At this point you can also say that the Mitta Mitta flows into the Murray.

YMAY-Albury

Distance:	4,3 nm
Dist. from Dept.:	80,7 nm
Dist. to Dest.:	0,0 nm
True Course:	304°
Magnetic Course:	292°
Elevation:	535 feet
Fuel:	yes

4 nautical miles northeast of the dam, following the Murray River is Albury Airport. It has an elevation of 535 feet and also offers you fuel.

LEG 3: YMAY - YYWG

Departure: Albury (YMAY)
Destination: Yarrawonga (YYWG)
Distance: 51,8 nm

POI17-Gateway Lakes

Distance:	3,2 nm
Dist. from Dept.:	3,2 nm
Dist. to Dest.:	48,6 nm
True Course:	247°
Magnetic Course:	235°

After the start of the third leg, you fly back to the Murray River via Albury. The Gateway Lakes are located in a river loop.

POI18-Howlong

Distance:	13,9 nm
Dist. from Dept.:	17,1 nm
Dist. to Dest.:	34,7 nm
True Course:	295°
Magnetic Course:	283°

The following area is very marshy and is crossed by fallow water. After about 14 nautical miles you reach Howlong in New South Wales. The Murray River continues to form the border between Victoria and New South Wales.

POI19-Corowa

Distance:	11,1 nm
Dist. from Dept.:	28,2 nm
Dist. to Dest.:	23,6 nm
True Course:	274°
Magnetic Course:	262°

A little further downstream, north of the Murray River, is the Murray River Regional Park Quat Quatta. Before the river reaches Corowa, it bends south.

POI20-Lake Moodemere

Distance:	4,1 nm
Dist. from Dept.:	32,3 nm
Dist. to Dest.:	19,4 nm
True Course:	199°
Magnetic Course:	187°

When you fly over the city, you can see the two runways of Corowa (YCOR) out of your right window. You can already see Lake Moodemere in the south, where the Murray winds west again.

POI21-Bundalong

Distance:	10,1 nm
Dist. from Dept.:	42,4 nm
Dist. to Dest.:	9,4 nm
True Course:	274°
Magnetic Course:	262°

The Murray River makes many loops in this very flat area. At Bundalong you reach the next reservoir, Lake Mulwala. From the south the Ovens River flows into the Murray.

POI22-Lake Mulwala

Distance:	6,2 nm
Dist. from Dept.:	48,6 nm
Dist. to Dest.:	3,2 nm
True Course:	297°
Magnetic Course:	285°

Keep to the northern shore until you reach a small cove.

Lake Mulwala is a man-made reservoir created by the construction of the Yarrawonga Weir across the Murray River. The weir was built in 1939 to provide water for irrigation of the surrounding district. The weir is also used to cross the Murray between the two cities; in addition to crossing over the Mulwala Bridge.

YYWG-Yarrawonga

Distance:	3,2 nm
Dist. from Dept.:	51,8 nm
Dist. to Dest.:	0,0 nm
True Course:	211°
Magnetic Course:	199°
Elevation:	422 feet
Fuel:	yes

At the bay, you turn south to about 200 degrees magnetic and you are almost perfectly aligned with runway 19 of Yarrawonga airport. It is at an altitude of 422 feet and offers fuel.

LEG 4: YYWG - YECH

Departure: Yarrawonga (YYWG)
Destination: Echuca (YECH)
Distance: 81,2 nm

POI23-Yarrawonga Weir

Distance:	1,9 nm
Dist. from Dept.:	1,9 nm
Dist. to Dest.:	79,3 nm
True Course:	313°
Magnetic Course:	302°

Take off and fly north back to Lake Mulwala. There you follow the lake west to Yarrawonga Weir. Before the weir the Melbourne Road crosses Lake Mulwala. From here to the mouth the Murray River is navigable.

POI24-Cobram

Distance:	16,6 nm
Dist. from Dept.:	18,5 nm
Dist. to Dest.:	62,7 nm
True Course:	287°
Magnetic Course:	276°

You continue flying down the Murray River. The next town is south of the river and is called Cobram. Barooga Road runs over the bridge.

POI25-Tocumwal

Distance:	8,8 nm
Dist. from Dept.:	27,3 nm
Dist. to Dest.:	54,0 nm
True Course:	320°
Magnetic Course:	309°

A bit further northeast you pass the airport of Tocumwal (YTOC), which you can see very well from your right window. Near the town, shortly after a river bend, the A39, the Goulborn Valley Highway crosses the Murray River.

POI26-Edward River

Distance:	27,4 nm
Dist. from Dept.:	54,6 nm
Dist. to Dest.:	26,6 nm
True Course:	265°
Magnetic Course:	254°

This section of the Murray River has several campgrounds and beaches for local recreation.

It is 27 nautical miles to the nearest town. Enjoy the scenery and explore the quiet corners along the river for your next vacation.

At Picnic Point, the Edward River branches north from the Murray River as a result of the Cadell Fault and flows through eucalypt forest.

The Cadell Fault is a north-south trending geologic fault within the earth's plate. It spans the Murray River and in recent prehistoric times has influenced its course as well as the courses of the Edward River, the Wakool River, the Goulburn River, and the Campaspe River. The Cadell fault is notable for these effects and has been described as one of the most significant examples of seismic activity altering the course of rivers.

POI27-Moira Lake

Distance:	5,2 nm
Dist. from Dept.:	59,8 nm
Dist. to Dest.:	21,5 nm
True Course:	207°
Magnetic Course:	197°

You fly south following the Murray River and after a few minutes you reach Moira Lake and Barmah Lake.

POI28-Barmah Lake

Distance:	2,1 nm
Dist. from Dept.:	61,9 nm
Dist. to Dest.:	19,4 nm
True Course:	171°
Magnetic Course:	161°

The Murray River runs between the two lakes and is only connected to the lakes at the southern end.

POI29-Barmah

Distance:	3,5 nm
Dist. from Dept.:	65,4 nm
Dist. to Dest.:	15,9 nm
True Course:	181°
Magnetic Course:	170°

The nearest town on the Murray River is Barmah about 4 river miles south of the lakes.

POI30-Lower Moira

Distance:	3,2 nm
Dist. from Dept.:	68,5 nm
Dist. to Dest.:	12,7 nm
True Course:	152°
Magnetic Course:	141°

At Lower Moira, the river course turns west again. There also Deep Creek flows into the river.

POI31-Goulborn River

Distance:	7,9 nm
Dist. from Dept.:	76,4 nm
Dist. to Dest.:	4,8 nm
True Course:	254°
Magnetic Course:	243°

After about 8 nautical miles, the Goulborn River meets the Murray River from the south.

The source of the Goulborn River is in the Australian Alps. The headwaters are dammed to Lake Eildon, which is used for irrigation. Most of the river water is discharged at the Goulburn weir. The Goulburn River flows mainly to the northwest, irrigating via canals the extensive orchards at Shepparton and Mooroopna.

The river itself is heavily regulated, severely impacting the ecosystem. With recent years in Australia being among the driest since records began, this ecosystem has been even more stressed.

POI32-Echuca (City)

Distance:	3,0 nm
Dist. from Dept.:	79,4 nm
Dist. to Dest.:	1,8 nm
True Course:	236°
Magnetic Course:	225°

A short time later, you'll arrive at Ecucha in Victoria, just across the river from the sister city of Moama in New South Wales.

YECH-Echuca

Distance:	1,8 nm
Dist. from Dept.:	81,2 nm
Dist. to Dest.:	0,0 nm
True Course:	206°
Magnetic Course:	195°
Elevation:	320 feet
Fuel:	yes

You fly south along the city limits and land at Echuca airport, which has an elevation of 320 feet and can also offer you fuel.

LEG 5: YECH - YSWH

Departure: Echuca (YECH)
Destination: Swan Hill (YSWH)
Distance: 79,1 nm

POI33-Campaspe River

Distance:	2,9 nm
Dist. from Dept.:	2,9 nm
Dist. to Dest.:	76,2 nm
True Course:	324°
Magnetic Course:	313°

After takeoff, you first fly west to the Campaspe River, which flows right next to the airport. Then you follow the river north to its mouth into the Murray River near Echuca.

POI34-Baillieu Lagoon

Distance:	9,5 nm
Dist. from Dept.:	12,5 nm
Dist. to Dest.:	66,6 nm
True Course:	304°
Magnetic Course:	293°

You should follow the Murray River northwest again. It and the surrounding River Murray Reserve meander through the landscape. After a few minutes you will see some oxbows of the Murray River on the Victoria side of the river. The waters and the forest form the Baillieu Lagoon Wildlife Reserve.

POI35-Gunbower Creek

Distance:	3,3 nm
Dist. from Dept.:	15,7 nm
Dist. to Dest.:	63,4 nm
True Course:	313°
Magnetic Course:	302°

3 nautical miles further downstream, Gunbower Creek joins the Murray River.

POI36-Torrumbarry Weir

Distance:	3,8 nm
Dist. from Dept.:	19,5 nm
Dist. to Dest.:	59,6 nm
True Course:	321°
Magnetic Course:	310°

As the river continues, a creek joins from the north before you reach the next weir, the Torrumbarry Weir. The weirs of the Murray River are numbered, this weir is number 26.

POI37-Koondrook & Barham

Distance:	24,3 nm
Dist. from Dept.:	43,8 nm
Dist. to Dest.:	35,3 nm
True Course:	318°
Magnetic Course:	307°

The river continues to meander through the landscape of the surrounding national park, Gunbower National Park. In the process, it flows through incredible loops and it's surprising why the water hasn't found an easier way. You fly along the river to the next town: Koondrook on the left in Victoria and Barham on the right in New South Wales.

POI38-Little Murray River (New South Wales)

Distance:	3,8 nm
Dist. from Dept.:	47,6 nm
Dist. to Dest.:	31,5 nm
True Course:	330°
Magnetic Course:	319°

Shortly behind the two towns, about 4 miles downstream, the Little Murray River (New South Wales) flows off. This part flows through New South Wales and after a river distance of 30.5 kilometers (about 14.5 kilometers as the crow flies) the branch rejoins the Murray River.

POI39-Little Murray River Mouth (New South Wales)

Distance:	7,9 nm
Dist. from Dept.:	55,5 nm
Dist. to Dest.:	23,6 nm
True Course:	310°
Magnetic Course:	299°

On the left side of the river, you see Murrabit. A little further downstream the Little Murray River flows into the river again.

POI40-Little Murray River (Victoria)

Distance:	8,3 nm
Dist. from Dept.:	63,8 nm
Dist. to Dest.:	15,3 nm
True Course:	294°
Magnetic Course:	283°

About 8 miles downstream, the Little Murray River drains through Victoria. It is over 60 kilometers long and empties at Swan Hill. The Island created is called Pental Island.

POI41-Lake Boga

Distance:	7,5 nm
Dist. from Dept.:	71,2 nm
Dist. to Dest.:	7,8 nm
True Course:	267°
Magnetic Course:	257°

Follow the Little Murray River for a short distance. On the horizon you will see a larger lake, Lake Boga, to which you will now fly. But beware, the larger of the lakes is Lake Tutchewop, which lies southeast of Lake Boga.

YSWH-Swan Hill

Distance:	7,9 nm
Dist. from Dept.:	79,1 nm
Dist. to Dest.:	0,0 nm
True Course:	306°
Magnetic Course:	296°
Elevation:	230 feet
Fuel:	yes

But no matter to which lake your way leads you, behind both lakes a road runs to the northwest. If you follow this road, you will soon see the Swan Hill airport to the west of the road. You have a grass runway, a sand runway, and an asphalt runway at your disposal.

The airport is 230 feet above sea level and offers fuel.

LEG 6: YSWH - YROI

Departure: Swan Hill (YSWH)
Destination: Robinvale (YROI)
Distance: 79,6 nm

POI42-Little Murray River Mouth (Victoria)

Distance:	2,6 nm
Dist. from Dept.:	2,6 nm
Dist. to Dest.:	77,1 nm
True Course:	40°
Magnetic Course:	29°

After takeoff, fly east to the Little Murray River and follow it north to the confluence into the Murray River.

POI43-Beveridge Island

Distance:	6,3 nm
Dist. from Dept.:	8,9 nm
Dist. to Dest.:	70,8 nm
True Course:	359°
Magnetic Course:	349°

Further north, always along the Murray River, the river splits and flows around Beveridge Island. You decide whether to follow the left or right arm of the Murray River.

POI44-Nyah

Distance:	9,3 nm
Dist. from Dept.:	18,2 nm
Dist. to Dest.:	61,4 nm
True Course:	295°
Magnetic Course:	284°

After the two arms have joined again, a little further on you will see a lake on the left of the Murray River. Then you change direction to the north and come to the village of Nyah. In front of the village a road crosses the river.

POI45-Tooleybuc Bridge

Distance:	9,0 nm
Dist. from Dept.:	27,2 nm
Dist. to Dest.:	52,4 nm
True Course:	342°
Magnetic Course:	332°

The next bridge over the Murray River is the Toolaybuc Bridge near Lake Coomaroop. The lake is located on the right side of the river in New South Wales.

POI46-Wakool River

Distance:	10,4 nm
Dist. from Dept.:	37,6 nm
Dist. to Dest.:	42,1 nm
True Course:	5°
Magnetic Course:	355°

You continue to follow the river in its winding course to the north. In about 10 nautical miles, the Wakool River enters from the east.

POI47-Murrumbidgee River

Distance:	10,2 nm
Dist. from Dept.:	47,8 nm
Dist. to Dest.:	31,8 nm
True Course:	320°
Magnetic Course:	310°

The next river supplying further water to the Murray River is the Murrumbidgee River. Its mouth is about 10 nautical miles northwest of the mouth of the Wakool River. But because of the river's many meanders, it is considerably more river miles.

The Murrumbidgee rises in the Snowy Mountains, near Mount Kosciuszko, the highest mountain in Australia.

POI48-Beslar Island

Distance:	15,4 nm
Dist. from Dept.:	63,2 nm
Dist. to Dest.:	16,5 nm
True Course:	288°
Magnetic Course:	278°

Further downstream you come to an area where it is very dry in New South Wales. Near Beslar Island you will see a small peninsula in the river and the Murray River winds southwest for a short distance.

POI49-Euston-Lakes

Distance:	3,0 nm
Dist. from Dept.:	66,2 nm
Dist. to Dest.:	13,5 nm
True Course:	356°
Magnetic Course:	347°

Already before Beslar Island you can see a few larger lakes on the horizon in the north, the Euston Lakes. The lakes are fed by water from the Murray River via Taila Creek. Lake Caringay has been cut off from the water supply since the early 1960s and is therefore dry.

Fly over Lake Caringay, Lake Benanee, and Dry Lake.

POI50-Taila Creek

Distance:	5,7 nm
Dist. from Dept.:	71,8 nm
Dist. to Dest.:	7,8 nm
True Course:	313°
Magnetic Course:	303°

On the southwest shore of Dry Lake you recognize Taila Creek, which you follow back to the Murray River. You can already see the river.

POI51-Bumbang Island

Distance:	2,2 nm
Dist. from Dept.:	74,0 nm
Dist. to Dest.:	5,7 nm
True Course:	230°
Magnetic Course:	220°

The river flows around a larger island, Bumbang Island. You follow the left arm east of the island upstream.

YROI-Robinvale

Distance:	5,7 nm
Dist. from Dept.:	79,6 nm
Dist. to Dest.:	0,0 nm
True Course:	190°
Magnetic Course:	180°
Elevation:	284 feet
Fuel:	yes

You can see the end of the island at the short arm of the Murray River. Fly past east of Robinvale, over some fields and you will come to Robinvale airfield.

There you will be offered fuel and it is at an elevation of 284 feet.

LEG 7: YROI - YWTO

Departure: Robinvale (YROI)
Destination: Wentworth Airport (YWTO)
Distance: 75,4 nm

POI52-Lock & Weir No 15

Distance:	3,3 nm
Dist. from Dept.:	3,3 nm
Dist. to Dest.:	72,1 nm
True Course:	339°
Magnetic Course:	330°

You start heading north and fly back to Robinvale. At the city limits you turn west back to the Murray River. There is lock and weir number 15. If you are wondering where locks 16 through 25 were, don't worry. These were not built. Unfortunately, this lock can be seen in the simulator only in rudiments.

POI53-Redgold

Distance:	12,0 nm
Dist. from Dept.:	15,3 nm
Dist. to Dest.:	60,1 nm
True Course:	208°
Magnetic Course:	199°

Continue flying south along the Murray River. At Redgold the river meets a road and changes direction first to the west and then to the north.

POI54-Nangiloc

Distance:	22,2 nm
Dist. from Dept.:	37,5 nm
Dist. to Dest.:	37,9 nm
True Course:	321°
Magnetic Course:	311°

About another 20 nautical miles downstream is the village of Nangiloc in Victoria. Also, at this section you can see why the Murray River is also called The Winding River by the locals.

POI55-Paringi

Distance:	9,2 nm
Dist. from Dept.:	46,7 nm
Dist. to Dest.:	28,7 nm
True Course:	4°
Magnetic Course:	354°

East and west of the river are some brackish waters and lakes. At Paringi, the river changes direction again and flows northwest.

POI56-Kings Billabong

Distance:	9,3 nm
Dist. from Dept.:	56,0 nm
Dist. to Dest.:	19,4 nm
True Course:	309°
Magnetic Course:	299°

Further downstream in Victoria lies the Kings Billabong. The lake is fed by a small channel with water from the Murray River.

POI57-Mildura - Lock & Weir No 11

Distance:	5,1 nm
Dist. from Dept.:	61,1 nm
Dist. to Dest.:	14,3 nm
True Course:	319°
Magnetic Course:	310°

The next bigger town is Mildura and there is also the next lock. Numbers 12 to 14 were also not built, but up to here the locks and weirs are numbered continuously.

First you fly over the bridge that connects Mildura in Victoria with Buronga in New South Wales. Shortly after, at Lock Island, there is the weir and the lock. At least the lock is clearly visible.

POI58-Calder Highway

Distance:	9,2 nm
Dist. from Dept.:	70,4 nm
Dist. to Dest.:	5,1 nm
True Course:	293°
Magnetic Course:	283°

The next landmark is the Calder Highway bridge over the river.

YWTO-Wentworth Airport

Distance:	5,1 nm
Dist. from Dept.:	75,4 nm
Dist. to Dest.:	0,0 nm
True Course:	288°
Magnetic Course:	279°
Elevation:	120 feet
Fuel:	yes

You continue to follow the highway, which is called Silver City Highway in New South Wales. It crosses Tuckers Creek at Wentworth and then runs parallel to the Darling River. West of it you can already see Wentworth Airport with its two runways.

The airport is at a elevation of 120 feet and has fuel.

LEG 8: YWTO - YREN

Departure: Wentworth Airport (YWTO)
Destination: Renmark (YREN)
Distance: 74,2 nm

POI59-Darling River

Distance:	1,6 nm
Dist. from Dept.:	1,6 nm
Dist. to Dest.:	72,7 nm
True Course:	155°
Magnetic Course:	146°

Take off and fly east back to the Darling River and follow it to the mouth into the Murray River. This is also where Lock and Weir No. 10 is located.

The Darling River is the third longest river in Australia and measures 1,472 km from its source in northern New South Wales to its mouth at the Murray River.

The Darling is in poor health, suffering from overuse of its water for irrigation, pollution from pesticide leaching, and persistent drought. During droughts in 2019, it barely flowed.

POI60-Great Darling Anabranch

Distance:	7,5 nm
Dist. from Dept.:	9,0 nm
Dist. to Dest.:	65,2 nm
True Course:	277°
Magnetic Course:	268°

About 8 nautical miles west, the Great Darling Anabranch, a branch of the Darling River, joins the Murray. It branches west from the present bed of the Darling River south of Menindee and flows west of the main river through an area of salt lakes, some of which it also flows through.

POI61-Lock & Weir No 9

Distance:	9,7 nm
Dist. from Dept.:	18,8 nm
Dist. to Dest.:	55,5 nm
True Course:	234°
Magnetic Course:	225°

Next to the river, the landscape becomes drier until you reach some lakes on the left and right of the river again. The next lock is at Kuline East, but it is also difficult to see.

POI62-Big Rigamy Creek

Distance:	8,6 nm
Dist. from Dept.:	27,4 nm
Dist. to Dest.:	46,9 nm
True Course:	289°
Magnetic Course:	280°

Follow the Murray River downstream. It makes some bends and changes direction several times. After a few minutes Big Rigamy Creek joins the river.

POI63-Lock & Weir No 8

Distance:	2,0 nm
Dist. from Dept.:	29,4 nm
Dist. to Dest.:	44,9 nm
True Course:	301°
Magnetic Course:	292°

2 nautical miles further downstream is the next lock and weir. But even this structure can only be seen dimly.

POI64-Lock & Weir No 7 - Ruffus River

Distance:	8,5 nm
Dist. from Dept.:	37,8 nm
Dist. to Dest.:	36,4 nm
True Course:	296°
Magnetic Course:	286°

North of the Murray River you can see Lake Victoria. The lake is fed by Frenchmans Creek, a branch of the Murray above Lock 9. The lake rejoins the Murray River below Lock 7 via the Rufus River.

POI65-Lindsay River

Distance:	10,9 nm
Dist. from Dept.:	48,7 nm
Dist. to Dest.:	25,5 nm
True Course:	273°
Magnetic Course:	264°

You fly further west and follow the Murray River. You fly over Pollards Island and recognize very well the short successive junctions of the Murray River. A bit further west the Lindsay River flows in from the south. At this point you will also see Higgins Cutting, a narrow breakthrough of the Murray to the west, which flows around Reedy Island.

POI66-Lock & Weir No 6

Distance:	7,9 nm
Dist. from Dept.:	56,6 nm
Dist. to Dest.:	17,6 nm
True Course:	298°
Magnetic Course:	289°

The river makes a bend to the northwest, and you cross the border into South Australia. The Murray River turns south a few miles further back to show you the way to the next lock, which is located near a lake after two more river loops.

POI67-Paringa Bridge

Distance:	12,4 nm
Dist. from Dept.:	69,0 nm
Dist. to Dest.:	5,3 nm
True Course:	206°
Magnetic Course:	198°

West of the Murray River you will see Clover Lake, Lake Merreti and Lake Woolpolool. A little further downstream you reach Renmark in the west and Paringa in the east. The two villages are connected by the Paringa Bridge.

POI68-Lock & Weir No 5

Distance:	0,7 nm
Dist. from Dept.:	69,6 nm
Dist. to Dest.:	4,6 nm
True Course:	229°
Magnetic Course:	220°

The next weir is only a few hundred meters downstream after the next bend.

YREN-Renmark

Distance:	4,6 nm
Dist. from Dept.:	74,2 nm
Dist. to Dest.:	0,0 nm
True Course:	264°
Magnetic Course:	255°
Elevation:	110 feet
Fuel:	yes

For the next stopover you leave the Murray River and fly west, south past Renmark. You will fly over the road that just crossed the Murray River over the Paringa Bridge. Then you should already see the airport, which lies at an elevation of 110 feet and offers you fuel, among other things.

LEG 9: YREN - YWKI

Departure: Renmark (YREN)
Destination: Waikerie (YWKI)
Distance: 50,8 nm

POI69-Bookpurnong

Distance:	6,7 nm
Dist. from Dept.:	6,7 nm
Dist. to Dest.:	44,1 nm
True Course:	213°
Magnetic Course:	205°

You start south and see the Sturt Highway, which leads you to the Murray River. Follow the river again and you will pass the town of Bern. In the south of the town the Bookpurnong Road crosses the Murray.

POI70-Lock & Weir No 4

Distance:	3,4 nm
Dist. from Dept.:	10,1 nm
Dist. to Dest.:	40,7 nm
True Course:	200°
Magnetic Course:	191°

Lock 4 is also difficult to see. It is located about 4 nautical miles downstream from the bridge.

POI71-Katarapko Creek

Distance:	7,2 nm
Dist. from Dept.:	17,2 nm
Dist. to Dest.:	33,5 nm
True Course:	208°
Magnetic Course:	199°

Shortly after, Katarapko Creek flows out of the Murray River. You can follow the small creek or the river. Katarapko Creek rejoins the Murray further downstream, west of Loxton.

POI72-Lock & Weir No 3

Distance:	17,2 nm
Dist. from Dept.:	34,5 nm
Dist. to Dest.:	16,3 nm
True Course:	334°
Magnetic Course:	326°

The Murray River changes direction to the north for about 15 miles. Before you get to the next lock, you will see Yatco Lagoon to the left of the river and then come to Wachtels Lagoon. The lake to the east is called Lake Bonney Riverland. Like the other locks and weirs, this weir is only dimly visible in the simulator.

POI73-Yarra Lagoon

Distance:	13,1 nm
Dist. from Dept.:	47,6 nm
Dist. to Dest.:	3,2 nm
True Course:	272°
Magnetic Course:	263°

Shortly thereafter, the Murray River flows west again. It becomes somewhat straighter and no longer winds so much through the landscape. Again and again you see some old arms of the river parallel to the Murray. One of these arms is called Yarra Lagoon.

YWKI-Waikerie

Distance:	3,2 nm
Dist. from Dept.:	50,8 nm
Dist. to Dest.:	0,0 nm
True Course:	267°
Magnetic Course:	258°
Elevation:	138 feet
Fuel:	yes

Yarra Lagoon is the signal for you to fly south of the river and look for Waikerie Airport.
The elevation of the airport is 138 feet and this place also offers you fuel.

LEG 10: YWKI - YMAM

Departure: Waikerie (YWKI)

Destination: Swan Reach Airport (YMAM)

Distance: 52,9 nm

POI74-Lock & Weir No 2

Distance:	8,1 nm
Dist. from Dept.:	8,1 nm
Dist. to Dest.:	44,8 nm
True Course:	322°
Magnetic Course:	314°

After takeoff you follow the Murray River downstream. You pass Waikerie, behind it on the north side of the river is Ross Lagoon and to the south Hart Lagoon, followed by Ramco Lagoon. The next lake on the left side of the Murray is fed by Nigra Creek and that's why it's called that.

North of that is Taylorville, where the next and penultimate lock is located.

POI75-Morgan

Distance:	13,0 nm
Dist. from Dept.:	21,1 nm
Dist. to Dest.:	31,8 nm
True Course:	282°
Magnetic Course:	274°

The next major town on the Murray River is Morgan. There the main direction of the Murray River bends to the south.

POI76-Lock & Weir No 1

Distance:	19,4 nm
Dist. from Dept.:	40,5 nm
Dist. to Dest.:	12,4 nm
True Course:	189°
Magnetic Course:	180°

On the way south to the first weir of the Murray River, the last on the journey downstream, you will pass several lakes. To the right and left of the river are the Murbko Lagoons, a collection of three larger lakes. Shortly thereafter, Donald Flat Lagoon follows to the west.

Before you reach the lock behind the road bridge at Blanchtown, you will see Cumbunga Creek on the right side of the river, not so much a creek but more a lake and branch of the Murray River.

YMAM-Swan Reach Airport

Distance:	12,4 nm
Dist. from Dept.:	52,9 nm
Dist. to Dest.:	0,0 nm
True Course:	185°
Magnetic Course:	177°
Elevation:	26 feet
Fuel:	no

12 nautical miles south of the weir is your next stop. Before that, you'll see Porttee Creek to the west, an elongated lake that drains over a small creek.

As the Murray River curves again, you've almost reached the airport. It is at an elevation of 26 feet above sea level. There is no fuel here.

LEG 11: YMAM - YMBD

Departure: Swan Reach Airport (YMAM)
Destination: Murray Bridge Airport (YMBD)
Distance: 48,9 nm

POI77-Big Bend

Distance:	5,2 nm
Dist. from Dept.:	5,2 nm
Dist. to Dest.:	43,7 nm
True Course:	156°
Magnetic Course:	148°

South of the departure airport is the longest single bend of the Murray River, Big Bend. The spectacular limestone cliffs are the highest along the river.

POI78-Marne River

Distance:	5,0 nm
Dist. from Dept.:	10,2 nm
Dist. to Dest.:	38,7 nm
True Course:	217°
Magnetic Course:	209°

5 nautical miles further on, the Marne River flows into the river. Although there are still more than 100 kilometers to the sea as the crow flies, the mouth is only 5 meters above sea level.

POI79-Purnong

Distance:	11,1 nm
Dist. from Dept.:	21,3 nm
Dist. to Dest.:	27,7 nm
True Course:	165°
Magnetic Course:	157°

You pass some small and larger lakes and oxbows of the river. Before the next bend in the river, which takes the Murray River west for a short distance, lies Purnong and the Purnong Lagoon. A cable ferry crosses the river here.

POI80-Mannum

Distance:	15,8 nm
Dist. from Dept.:	37,1 nm
Dist. to Dest.:	11,9 nm
True Course:	262°
Magnetic Course:	254°

Along the course of the river, there are now more and more small towns and campsites. On the way west to Mannum, the next larger town, you will pass a marina on the south side of the Murray River. Mannum is also connected with the opposite Cowirra by a ferry.

POI81-Junction

Distance:	1,7 nm
Dist. from Dept.:	38,8 nm
Dist. to Dest.:	10,1 nm
True Course:	290°
Magnetic Course:	282°

Fly over the city in a westerly direction. A road leads out of the city, which you follow to the next intersection.

YMBD-Murray Bridge Airport

Distance:	10,1 nm
Dist. from Dept.:	48,9 nm
Dist. to Dest.:	0,0 nm
True Course:	196°
Magnetic Course:	187°
Elevation:	180 feet
Fuel:	yes

You follow the road in a southerly direction. Before you reach the city limits of Murray Bridge, west of you is the nearest airport. It is 180 feet above sea level and offers fuel.

LEG 12: YMBD - YGWA

Departure: Murray Bridge Airport (YMBD)
Destination: Goolwa (YGWA)
Distance: 77,3 nm

POI82-Murray Bridge

Distance:	3,9 nm
Dist. from Dept.:	3,9 nm
Dist. to Dest.:	73,4 nm
True Course:	139°
Magnetic Course:	130°

After taking off, follow the road south to the city of Murray Bridge, where you will again meet the Murray River. The bridges over the river, which connect the eastern part of the city with the city center, gave the city its name.

POI83-Lake Alexandrina

Distance:	15,5 nm
Dist. from Dept.:	19,4 nm
Dist. to Dest.:	57,9 nm
True Course:	164°
Magnetic Course:	155°

At the end of town, another bridge crosses the river. Follow the Murray River for another 14 nautical miles to Wellington. Before you get to Wellington, you will see the town of Tailem Bend on the east side of the river. Wellington is just before the Murray River flows into the Lake Alexandrina.

In the past, high tides and southwest storms pushed seawater into the lake. Today, however, only fresh water remains in Lake Alexandrina because a series of flood weirs, the Goolwa Barrages, were built between the islands at the mouth of the Murray River.

POI84-Narrung

Distance:	12,6 nm
Dist. from Dept.:	32,0 nm
Dist. to Dest.:	45,3 nm
True Course:	227°
Magnetic Course:	218°

You follow the eastern shore of Lake Alexandrina until you reach the Narrung Peninsula.

Although the lake was connected to the sea, fresh and salt water almost did not mix; 95% of the time it contained only fresh water. Hindmarsh Island is considered the largest island in the world with fresh water on one side and salt water on the other.

POI85-Lake Albert

Distance:	14,4 nm
Dist. from Dept.:	46,4 nm
Dist. to Dest.:	30,9 nm
True Course:	163°
Magnetic Course:	154°

Turn southeast and follow Lake Albert to its southern end. Because there are no significant tributaries but a high evaporation rate, the water of Lake Albert has a higher salinity than that of Lake Alexandrina. Lake Albert is also smaller and not as deep as Lake Alexandrina.

POI86-Tauwitchere Barrage

Distance:	14,7 nm
Dist. from Dept.:	61,1 nm
Dist. to Dest.:	16,2 nm
True Course:	305°
Magnetic Course:	296°

The Younghusband Peninsula, a 145 km long, narrow peninsula running parallel to the coast, still separates you from the open sea, the Indian Ocean or the Great Australian Bight. The peninsula and waters are part of Coorong National Park, which extends to the mouth of the Murray River in the ocean.

Turn right and fly over Coorong National Park to the Tauwitchere Barrage, which is the longest of the 5 barrages stretching 3.6 kilometers.

POI87-Ewe Island Barrage

Distance:	2,8 nm
Dist. from Dept.:	63,9 nm
Dist. to Dest.:	13,4 nm
True Course:	303°
Magnetic Course:	295°

The barrages between the ocean and Lake Alexandrina, were constructed between 1935 and 1940 to prevent seawater from entering the lower part of the river during low-water periods.

Ewe Island Barrage is 853 meters long and is located immediately after Tauwitchere Barrage.

POI88-Boundary Creek Barrage

Distance:	1,6 nm
Dist. from Dept.:	65,5 nm
Dist. to Dest.:	11,8 nm
True Course:	303°
Magnetic Course:	295°

Follow the road that crosses the barrage and the following Ewe Island. You will reach Boundary Creek Barrage, which is the shortest barrage with 243 meters.

POI89-Mundoo Channel Barrage

Distance:	2,1 nm
Dist. from Dept.:	67,7 nm
Dist. to Dest.:	9,7 nm
True Course:	289°
Magnetic Course:	281°

The road also connects the next barrage. Follow it and you will come to the 800 meter Mundoo Channel Barrage.

POI90-Murray River Mouth

Distance:	1,5 nm
Dist. from Dept.:	69,1 nm
Dist. to Dest.:	8,2 nm
True Course:	233°
Magnetic Course:	225°

Turn to the left and you will see the mouth of the Murray River, after more than 2500 kilometers, into the Indian Ocean. Although the Murray estuary discharges considerable amounts of water at times, especially before the advent of large-scale river regulation, the water there is almost always slow and shallow.

POI91-Goolwa Barrage

Distance:	4,0 nm
Dist. from Dept.:	73,1 nm
Dist. to Dest.:	4,2 nm
True Course:	298°
Magnetic Course:	290°

The following peninsula, which separates the lagoon water from the ocean, is called Sir Richard Peninsula. After about 4 nautical miles along the peninsula you will reach the last barrage: Goolwa Barrage with 632 meters length, which is not represented in the simulator world.

YGWA-Goolwa

Distance:	4,2 nm
Dist. from Dept.:	77,3 nm
Dist. to Dest.:	0,0 nm
True Course:	313°
Magnetic Course:	305°
Elevation:	104 feet
Fuel:	yes

To finish your journey along the Murray River, fly to the end of the peninsula and see Goolwa a little to the north. Fly over the town and the following small ponds and land at Goolwa Airport with an elevation of 104 feet.

We at Nordheim Missions wish you a good stay in Goolwa and would be happy to accompany you on another mission soon.