

Navigation Log

nav YBTL to YBCS B734 Townsville to Cairns Via Swalo

Aircraft Type Boeing 737-400 (B734) **Call Sign Full** QF6431 **Call Sign Abbr.** QF6431

Airports YBTL To YBCS **Dist** 176 nm **ETE** 0:32 **Registration** VH-ZAR **FlightPlanID** 250

Fuel Fill 5,000 KG **Endurance** 1:22 **TAS Max** 395 kts **Actual Fuel Filled**

6,250 L 1,651 USG
 5,000 KG 11,023 LBS **Filed Route** TL R346 SWALO Q26 CS

ATIS	133.50			Gross Weight	50,718 KG
Terminal Information	At Time	Zulu		Flaps	
Winds	Visibility				
Sky	Temp/Dew				
Altimeter	Aerodrome Elevation	16 ft	Error		
Runway	Runway Heading				
Clearance				Initial Climb	
IFR to	Cairns Intl		Wind Components	Stage 2 Climb	
Heading	Rwy		Cross wind \Rightarrow \Leftarrow	Stage 3 Climb	
Altitude	FL240		Head wind \Downarrow \Uparrow	Cruise	280 Kts
Departure Procedure	Transition				
Departure Freq.					
Squawk	Ground Freq.				

Taxi	Terminal Inform.	Time			
Runway		Dept Local	Comp Local	UTC	
Taxiways		(UTC+10:00) E. Australia Standard Time			
		First Light	04-Sep-2003 05:57	04-Sep-2003 05:57	03-Sep-2003 19:57
		Last Light	04-Sep-2003 18:27	04-Sep-2003 18:27	04-Sep-2003 08:27
		ETD is 12 hours 28 minutes after First Light and 00 hours 02 minutes before Last Light. Take Off in VFR OK.			
		Estimated			Actual UTC
Tower Freq.		Block Off	04-Sep-2003 18:19	04-Sep-2003 18:19	04-Sep-2003 08:19
		Dept.	04-Sep-2003 18:25	04-Sep-2003 18:25	04-Sep-2003 08:25

Taxi Fuel Block Off to Dept. 400 KG

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Value to fly to		Estimate at Waypoint - Remain		Estimate at Waypoint - Poin		Estimate Between Waypoint	
Actuals		Altitude	Speed	Dist	Fuel (KG)	Wght (KG)	Time (UTC)
		Head					Remain Point
Townsville Intl	YBTL	16 ft	0 IAS	0.0	0		00:00
APT		0°	0 TAS	175.6	5,000	50,718	00:32
						Revised Time	
TOWNSVILL E	114.10 TL	495 ft	250 IAS	0.6	23		00:00
VORDME		312°	253 TAS	175.0	4,977	50,695	00:32 08:25
						Revised Time	
End of Climb		FL240	272 IAS	42.4	1,172		00:08
EOC		355°	384 TAS	132.6	3,805	49,523	00:24 08:33
						Revised Time	
FIX	SWIFT	FL240	280 IAS	11.1	79		00:02
ISEC		355°	395 TAS	121.5	3,726	49,444	00:22 08:35
						Revised Time	
FIX	SWALO	FL240	280 IAS	34.1	242		00:05
ISEC		355°	395 TAS	87.4	3,484	49,202	00:17 08:40
						Revised Time	
Beginning of Descent		FL240	280 IAS	5.2	37		00:01
BOD		315°	395 TAS	82.2	3,447	49,165	00:16 08:41
						Revised Time	
FIX	BARIA	FL116	280 IAS	38.3	106		00:06
ISEC		315°	331 TAS	43.9	3,341	49,059	00:10 08:47
						Revised Time	
CAIRNS	113.00 CS	667 ft	250 IAS	41.7	152		00:09
VORDME		294°	253 TAS	2.2	3,189	48,907	00:01 08:56
						Revised Time	
Cairns Intl	YBCS	10 ft	241 IAS	2.2	9		00:01
APT		156°	241 TAS	0.0	3,180	48,898	00:00 08:57
						Revised Time	
Totals:				Dist	Fuel	ETE	
				175.6	1,820	00:32	

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STAR Clearance				Runway Elevation		
Arrival		Transition		ILS Frequency		
Runway		Level		Approach Course		
ATIS	131.10			Xwind	⇒	
Terminal Information	At Time		Zulu		⇐	
Winds		Visibility		Headwind	⇓ ⇑	
Sky					Estimated Weight	48,898 KG
Temp/Dew		Altimeter		Runway		
Landing Aerodrome			Landing Required	4,880 (ft)		

YBCS Cairns Intl Tower 124.90 Elevation 10 ft

Runway	Elevation (ft)	ILSFreq	Heading	Width (ft)	Length (ft)	Landing Margin (ft)
15	9	109.90	150	148	10,525	5,645
33	9	109.50	330	148	10,525	5,645
12	9		119	59	3,042	-1,838
30	9		299	59	3,042	-1,838

Time	Estimated Arrival Local (UTC+10:00) E. Australia Standard Time	Estimated Comp Local	Estimated UTC	Actual UTC	
Arrival	04-Sep-2003 18:56	04-Sep-2003 18:56	04-Sep-2003 08:56		Estimated Arrival Time does not include any holding time. ETA is 00 hours 23 minutes After Last Light. Land in IFR only.
Block On	04-Sep-2003 19:02	04-Sep-2003 19:02	04-Sep-2003 09:02		
First Light	04-Sep-2003 06:00	04-Sep-2003 06:00	03-Sep-2003 20:00		
Last Light	04-Sep-2003 18:33	04-Sep-2003 18:33	04-Sep-2003 08:33		

Taxi	Fuel												
Taxi To													
Taxiways													
	<table border="1"> <thead> <tr> <th></th> <th>Estimated</th> <th>Actual</th> </tr> </thead> <tbody> <tr> <td>At Start</td> <td>5,000 KG</td> <td></td> </tr> <tr> <td>Remaining</td> <td>3,180 KG</td> <td></td> </tr> <tr> <td>Trip</td> <td>1,820 KG</td> <td></td> </tr> </tbody> </table>		Estimated	Actual	At Start	5,000 KG		Remaining	3,180 KG		Trip	1,820 KG	
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