



### **DC-3 Airways World Rally 2010 – Flight eight briefing.**

The eighth World Rally 2010 flight now moves to Durban, South Africa, and will conclude at Potchefstroom, South Africa. The distance is approximately 345nm's and will take approximately two and one quarter hours to complete.

To begin the flight in FS9, from the Main Menu go to... Select a Flight / 1.Choose a Category / 2.Choose a flight, and select WR2010-08.

To begin the flight in FSX, from the opening screen select Free Flights, and in the sub menu located above the aircraft image select ... Load / Title and select WR2010-08. To begin the flight when FSX is already open, click Flights/Load, and in the Category window select My Saved Flights. In the Title window select WR2010-08 and click Fly Now.

You will be placed on the threshold of Rwy 56 at Durban Intl in the default MS Cessna 172. You now have to change aircraft to your chosen DC-3 and prepare for flight. The minimum suggested fuel load is 320 US gallons (1,920 Lbs) .....

Departure is at dawn and the weather is heavy rain with isolated thunderstorms. Considerable turbulence is to be expected. Navigation is entirely by NDB with a VOR approach at destination. Don't forget to pack your E6-B!

Enjoy the flight.

## WR2010 – 08. Durban, S. Africa (FADN) to Potchefstroom, S. Africa (FAPS)

**Warning** this flight was created using Microsoft default scenery. The use of add-on scenery may require an amendment to cruise heights on some flight sections.

From – To

The symbol  $\pm$  indicates an approximate course.

Course (Leg) Deg	Distance (Leg) nm	ETE (leg) HH+MM
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Dep. Rwy: 6

Init. Hdg: 057deg

Init. Alt: 1,200ft

Apt Elev: 32ft

Durban  
(FADN)  
S. Africa

**Departure:**

Tune ADF to GWN NDB (252.5). Tune VOR1 to PSV VOR (115.80)

To

**To Fix 01:** After take off turn to 063degs Mag and climb to waypoint at 1,200ft MSL.....

063

4.8

00+02

Potchefstroom  
(FAPS)  
S. Africa

**En-route:**

**To GWN NDB (252.5):** Turn left to intercept 001deg bearing to station. Commence climb to 7,500ft MSL. Direct to NDB.....

001

53.0

00+25

**To LY NDB (397.5):** Turn left to intercept 329deg bearing to station. Climb to 8,500ft MSL. Direct to NDB.....

329

55.0

00+21

**To HS NDB (482.5):** Turn left to intercept 320degs bearing to station. Commence climb to 10,500ft MSL. Direct to NDB.....

320

40.0

00+15

**To KS NDB (227.5):** Turn slight left to intercept 310deg bearing Outbound from HS NDB (Bearing to station = 130degs). Start timer. After twenty minutes tune ADF to KS NDB (227.5) and intercept 310deg bearing to station. Direct to NDB.....

310

102.0

00+38

**To KD NDB (280.0):** Turn right to intercept 347 degree bearing to station. Commence 500fpm descent to 6,500ft MSL. Slow to 120kts at end of descent. Direct to NDB.....

347

56.0

00+22

**To PSV VOR/DME (115.80):** Turn right to intercept PSV R-076. Maintain altitude of 6,500ft MSL and slow to 105kts.....

076

23.6

00+12

**Approach:**

**To Fix 02:** turn left to intercept PSV R-031 Outbound. Commence 500fpm descent to 5,000ft MSL. Waypoint at PSV 5.0 DME.....

031

5.0

00+03

**To Runway:** Turn left to 291deg mag, then turn left to intercept and track PSV R-191. At PSV 3.0 DME look to the right and adjust heading for visual approach to land Rwy 21. Runway heading = 213deg.

**Note :** Approach angle of 190deg and runway heading of 213deg are not coincident and will require a turn to the right of twenty three degrees to runway heading on final approach.

Final Hdg 213	6.1	00+03
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<b>Land: Potchefstroom Rwy 21</b>	<b>Length: 4,865ft</b>	<b>Width: 98ft</b>	<b>Surface: Asphalt</b>
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**Missed Approach:**

Climb on Rwy Hdg 213 degs to 6,500ft MSL. Continue to PSV 8.0 DME. Make a right turn to 340deg mag and intercept PSV R-074. Repeat approach.

<b>Flight: 08</b>	<b>Arrival Airport Elev: 4,520ft</b>	<b>Estimated totals for this flight &gt;&gt;&gt;</b>	<b>345nm</b>	<b>02+21</b>
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