



DC-3 Airways World Rally 2011 – Flight five briefing.

The fifth World Rally 2011 flight now moves to Debre Marcos, Ethiopia, and will conclude at Damazin, Sudan. The distance is approximately 305nm's and will take approximately two hours and ten minutes to complete.

To begin the flight in FS9, from the Main Menu go to... Select a Flight / Choose a Category (My Saved Flights) / Choose a flight, and select WR2011-05.

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 WR2011-05. 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 WR2011-05 and click Fly Now.

You will be placed on the threshold of Rwy 16 at Debre Marcos in the MS default Douglas DC-3. The runway is grass and is 4,518ft long. You now have to change aircraft to your chosen DC-3 and prepare for flight. The minimum suggested fuel load is 250 US gallons (1,500 Lbs).

Departure is just after dawn and the weather is clear with wind from 197deg at 08kts.

Enjoy the flight.

WR2011 – 05. Debre Marcos, Ethiopia (HADM) to Damazin, Sudan (HSDZ)

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.

The symbol \pm indicates an approximate course.

From – To	Dep. Rwy: 16	Init. Hdg: 158deg	Init. Alt: 9,000ft	Apt Elev: 8,136ft	Course (Leg) Deg	Distance (Leg) nm	ETE (leg) HH+MM
Debre Marcos (HADM) Ethiopia	Departure: Tune NAV1 to ADS VOR/DME 112.90 and set OBS to 313deg. Tune ADF to DM NDB 235.0. Due to the airport altitude I suggest the fuel mixture is leaned appreciably to prevent the engines from stalling.						
To Damazin (HSDZ) Sudan	To Waypoint 1 (DM NDB on Departure.PDF): After take off commence climb to 9,000ft MSL. When climb established (Fix 01 on Departure.PDF, turn right to ± 189 deg bearing to station and fly to waypoint DM NDB				Init Hdg 158	8.0	00+03
	En-route: To Waypoint 2 (Fix 04 on En-Route-1.PDF): Turn to and track the 251deg bearing Outbound from DM NDB (071deg bearing to station). At interception of ADS R-313 (Fix 03 on En-Route-1.PDF) commence a slow 400fpm descent to 7,000ft MSL. Maintain heading and reset OBS to 306deg. Waypoint at interception of ADS R-306.....				251	25.0	00+09
	Note- Reception of ADS VOR/DME may be intermittent.						
	To Waypoint 3 (Fix 06 on En-Route-2.PDF): Turn right to 311 degrees Magnetic. When the high ground immediately ahead gives way to a valley (Fix 05 on En-Route-2.PDF), commence a slow 400fpm descent to 4,500ft MSL. As you descend into the valley it turns gently towards the left. Follow the course of the valley until the waypoint, which is when a broad and deep river valley is observed ahead. This is the Blue Nile river.....				Init hdg 311	29.0	00+12
	To Waypoint 4 (Fix 11 on En-Route-5.PDF. The route of this section is displayed on En-Route-3.PDF, En-Route-4.PDF and En_Route-5.PDF): Commence to follow the course of the Blue Nile river and descend to 3,000ft MSL. Tune ADF to DMZ NDB 343.0. Continue to follow the course of the river for approximately one hour and twenty five minutes. The river gorge will slowly give way to a flatter landscape before a small range of hills is passed. A short section of flat landscape will give way to a further range of hills and the river will widen into a long and broad lake. Where the river obviously widens into a lake is the waypoint.....				Init hdg ± 280	188.0	01+20

Approach:

To Waypoint 5 (Fix 13 = DMZ NDB 343.0 on Approach-1 PDF): Follow the left bank of the lake for approximately fifteen minutes (Fix 12 on Approach 1.PDF). Turn right and fly direct to waypoint DMZ NDB.....

Init hdg ±305	45.0	00+20
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To Runway (Approach-2.PDF): Make a right turn to 005 degrees Magnetic and start timer. Slow to approach speed and configure for landing. After two minutes (Fix 14 on Approach-2.PDF) make a standard rate left turn to intercept the 167deg bearing Inbound to DMZ NDB (Fix 15 on Approach-2.PDF). When runway is in sight correct heading for a visual approach to land runway 17. Runway heading 167degrees.....

Init hdg 005	9.0	00+06
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Land: Damazin Rwy 17 Length: 8,202ft Width: 148ft Surface: Asphalt

Flight: 05	Arrival Airport Elev: 1,568ft	Estimated totals for this flight >>>	304nm	02+10
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