



DC-3 Airways World Rally 2013 – Flight four briefing.

From an actual flight made by John Firth.

The fourth World Rally flight begins at Wilson Airport, Nairobi, Kenya. This flight comprises of THREE flights! The first leg is IFR, ending with a stop to drop off and pick up passengers. The second leg, ending with a stop to again drop off passengers, and the third leg are both VFR and include navigation by dead reckoning. Your E6-B is your friend for this one.

The total distance is approximately three hundred and fifty Nm's, and overall flight time not including stops is approximately two hours and thirty minutes. Weather is good with variable cloud. Current time is 08:30 Local. Some strong \pm 20knot winds aloft are possible.

To begin the flight, from the Main Menu go to... Select a Flight / Choose a Category (My Saved Flights) / Choose a flight, and select WR2013-04.

You will be placed at the threshold of runway 7 in the default Douglas DC-3. You now have to change aircraft to your chosen DC-3 and prepare for flight. The minimum suggested fuel load is 300 US gallons (1800 Lbs.).

Enjoy the flight.

WR2013– 04. Wilson Airport, Nairobi, Kenya (HKNW) to Lamu/Manda Airport, Lamu/Manda, Kenya (HKLU).

<u>Warning!!</u> 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.						Course (Leg) Deg	Distance (Leg) nm	ETE (leg) HH+MM
From – To	The symbol ± where used indicates an approximate course. <u>Remember</u> – To hit key ‘D’ regularly to maintain Gyro accuracy.							
	Dep. Rwy: 7	Init. Hdg: 071deg	Init. Alt: 9,000ft	Apt Elev: 5,534ft	Mag / True			
Wilson Airport, Nairobi (HKNW) Kenya.	<u>LEG 1- Wilson Airport (HKNW) to Garissa Airport (HKGA).</u>							
	Departure: Tune Nav1 to NV VOR/DME, 113.10 MHz. Set OBS to 073deg.							
To	To Waypoint 1: Depart Rwy 7. Maintain runway heading and commence climb to 9,000ft MSL. After ± six minutes turn slight right to 085deg. Monitor NAV1 OBS indication. Waypoint 1 is at interception of NV R-073.....					Init Hdg 071°/ 071°	±27.5	±00+11
Lamu/Manda Airport, Lamu/Manda (HKLU) Kenya.	En-route: To Waypoint 2: At Waypoint 1 turn left to intercept and track NV R-073 Outbound. Continue climb to 9,000ft MSL. At NV 85.0 DME maintain heading and tune NAV1 to GAR VOR/DME 115.70MHz. Set OBS to 073deg. Intercept and fly GAR R-253 Inbound (Course 073deg). At GAR 45.0 DME commence descent to 3,000ft MSL. Slow to approach speed at end of descent. Waypoint 2 is at GAR VOR/DME.....							
						073°/ 073°	151.3	01+00
	Approach and land, Garissa Airport, Kenya. Rwy 16: Maintain current heading and commences descent to 1,600ft MSL. After one minute turn left to 348deg and fly heading for three minutes. Set OBS to 168deg. After three minutes make a left ±180deg turn to intercept GAR R-348 Inbound (Course 168deg). When runway is in sight commence visual approach and land Rwy 17. Note elapsed time. Taxi to parking.....					Init Hdg 073°/ 073°	16.6	00+09
Offload the District Commissioner and his Aide. Welcome on board three Kenya Game Park Rangers along with their kit, for a short flight to Bura East.								

Dep. Rwy: 17 Init. Hdg: 168deg Init. Alt: 3,500ft Apt Elev: 475ft

LEG 2- Garissa Airport (HKGA) to Bura East (HKBR).

Departure:

Tune Nav1 to GAR VOR/DME, 115.70 MHz. Set OBS to 155deg.

Warning – Military zone exclusions apply. See map for details.

To Waypoint 3: After take off commence climb to 3,500ft MSL. When flight established turn slight left to course ± 155 deg and intercept and track GAR R-155 Outbound. The river Tana will come into view, initially to your left, which though winding, roughly averages the same course as yourself. The Bura-Hola Road may be visible to the right of track. Generally follow the river and stay left of the road while maintaining course 155deg. Waypoint 3 is at GAR 25.0 DME.....

Init Hdg		
168° / 168°	25.8	00+11

Approach and land, Bura East Airport, Kenya. Rwy 18: Continue to Track GAR R-155 Outbound and commence descent to 1,600ft MSL. Airport should be visible off to the left at approx. GAR 35.0 DME. When runway is in sight correct heading for visual approach and land Rwy 18. **Note elapsed time.** Taxi to parking.....

155° / 155°	16.6	00+09
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Drop off Rangers and their kit, wish them good poacher hunting.

Dep. Rwy: 18 Init. Hdg: 180deg Init. Alt: 3,500ft Apt Elev: 344ft

LEG 3- Bura East (HKBR) to Lamu/Manda (HKLK).

Departure:

Tune Nav1 to MLD VOR/DME, 113.30 MHz. Set OBS to 005deg

To Waypoint 4: After take off commence climb to 3,500ft MSL. When flight established turn slight left to course 170deg and again remain between the River Tana and the Bura-Hola Road. Maintain course by dead reckoning to Waypoint 4 at MLD 60.0 DME. Ideally the Omni bearing indicator will be central at this point. The degree of variance will indicate track error. You are at Waypoint 4.....

Init Hdg		
180° / 180°	69.7	00+29

Approach and land, Lamu/Manda Airport, Kenya. Rwy 16: Turn left to course 091degs and maintain course by dead reckoning. Commence a slow descent to 1,800ft MSL. When approaching the coast, view images “View ahead 01” and “View ahead 02” for expected forward view. When runway is in sight adjust heading for preferred visual approach and land Rwy 16. **Note elapsed time. Add times for all three legs for PIREP submission.....**

091°/ 091° 44.4 00+22

Finally - John tells me that it was necessary to buzz Lamu during the approach to alert the ferry boat captain that passengers and crew required transportation!

**Land: Lamu/Manda,
Kenya.
Rwy 16**

Length: 5,479ft

Width: 49ft

Surface: Bituminus

Flight: 04

Arrival Airport Elevation : 19ft

Estimated totals for this flight >>>

352nm 02+31