



DC-3 Airways World Rally 2009 – Flight four briefing.

The fourth World Rally 2009 flight now moves to Ulaangom, Mongolia, and will conclude at Abakan, Russia. The distance is approximately 260nm's and will take approximately two 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 WR2009-04.

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 WR2009-04. 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 WR2009-04 and click Fly Now.

You will be placed on the threshold of Rwy 2 at Ulaangom in the default MS Cessna C172. You now have to change aircraft to your chosen DC-3 and prepare for flight. The minimum suggested fuel load is 300 US gallons (1,800 Lbs)

Departure is at dawn and the weather is clear with little wind, increasing to 19kts from 272deg above 6,500ft. This flight is a scenic cruise along the wide rivers of Mongolia mainly with navigation via 'Fixes' referenced to VOR's. You are urged to make sure your E6-B is in your flight bag as there is some navigation by dead reckoning involved

Enjoy the flight.

WR2009 – 04. Ulaangom (ZMUG) to Abakan (UNAA)

From – To	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 ± indicates an approximate course.				Course (Leg) Deg	Distance (Leg) nm	ETE (leg) HH+MM
	Dep. Rwy: 2	Init. Hdg: 019deg	Init. Alt: 4,500ft	Apt Elev: 3,120ft			
Ulaangom (ZMUG) Mongolia To Abakan (UNAA) Russia	Departure:				Final HDG		
	To Fix 02: Tune ADF to B NDB (383.0). After takeoff maintain runway heading to 4,500ft MSL. Turn left to 354deg mag. Waypoint at interception of 189deg bearing to station.....				354	11.0	00+05
	En-route:						
	To Fix 03: Turn right to intercept and track 009deg bearing OB from B NDB. (Bearing to station = 189deg). Commence climb to 11,500ft MSL. Tune NAV1 to KZL VOR/DME (112.3) and set OBS to 065deg. Maintain heading when signal fades from B NDB. At interception of KZL R-065 maintain heading and commence descent to 8,000ft MSL. Set OBS to 085deg. Waypoint at interception of KZL R-085. KZL 59.5 DME approximately. You will see ahead a wide river crossing your path.....				009	87.0	00+33
	To Fix 04: Turn left to ± 302degs mag and follow course of river. Descend to 4,500ft MSL. Set OBS to 093deg. Waypoint at interception of KZL R-093, KZL 74.0 DME.....				±302	18.0	00+07
	To Fix 05: Turn right to ± 321degs mag and continue to follow course of river. Set OBS to 101deg. Waypoint at interception of KZL R-101, KZL 86.0 DME.....				±321	17.0	00+07
	To Fix 06: Turn right to ± 033 degs mag and continue to follow course of river. The mean course is ± 045degs mag. Set OBS to 107deg. Waypoint at interception of KZL R-107, KZL 81.0 DME. You will see that the river splits ahead. You are required to take the left fork.....				±045	10.0	00+04
	To Fix 07: Turn left to ± 045 degs mag and continue to follow course of river. The mean course is ± 028 degs mag. Set OBS to 121 deg. Waypoint at interception of KZL R-121, KZL 78.5 DME.....				±028	19.0	00+08
	To Fix 08: Turn left to ± 310 degs mag and continue to follow course of river. The mean course is ± 334 degs mag. Set OBS to 126 deg. Waypoint at interception of KZL R-126, KZL 90.0 DME. You will see that the river ahead splits. You are required to take the left fork.....				±334	14.0	00+06
	To Fix 09: Turn left to ± 325 degs mag and continue to follow course of river. The mean course is ± 280 degs mag. Set OBS to 125 deg. Waypoint at interception of KZL R-125, KZL 96.0 DME. You will see that the river ahead splits. You are required to take the right fork.....				±280	7.0	00+03

	To Fix 10: Turn right to ± 290 degs mag and continue to follow course of river. The mean course is ± 283 degs mag. Commence climb to 5,500ft MSL. Tune NAV1 to ABK VOR/DME (113.3) and set OBS to 343 deg. Ignore the first passing of ABK R-343 at ABK 71.7 DME. Continue to follow the right river bank around to the right to the true waypoint at ABK R-343, ABK 67.5 DME.....			±283	14.0	00+06
	To Fix 11: Turn to 029 degs mag. Set OBS to 325 deg. Beware high terrain. Waypoint at interception of ABK R-325, ABK 53.0 DME.....			029	25.0	00+10
	Approach:					
	To Fix 12: Turn left to intercept ABK R-325. Waypoint at ABK 23.0 DME.....			325	30.0	00+12
	To A NDB (733.0): Turn left to 320 degs mag. Commence 500fpm descent to not less than 2,000ft MSL. Slow to approach speed in landing configuration. When runway observed be aware of terrain and descend to 1,100ft MSL. Direct to NDB.....			320	22.0	00+13
	To Runway: Turn right to runway heading 021 degs for visual approach to land runway 2R.....			021	0.6	00+01
	Land: Abakan Rwy 2R		Length: 10,648ft	Width: 148ft	Surface: Asphalt	
Missed Approach:						
Climbing left turn to 201 degs mag, 2,000ft MSL. To ABK 10.0 DME. Make a right procedure turn and repeat approach.						
Flight: 04	Arrival Airport Elev: 830ft		Estimated totals for this flight >>>		275nm	01+55