

A DC-3 Airways World Rally 2004 flight.

Nice/Cote D'Azur, France to Zurich, Switzerland.



For the first time in the DC-3 Airways Rally 2004 we are going to use a Standard Instrument Departure (SID), and a Standard Terminal Arrival Route (STAR). These are prescribed routes that have been devised to allow you to safely depart from (SID), and to safely approach a busy airport environment (STAR).

There can be several variations of each of these at busy airports and the direction you wish to depart to, or will arrive from, will determine which one is used. In our case we need to depart in a Northerly direction from Nice so we will be using the KAMAS 6M SID.

For the arrival at Zurich the wind direction will require us to utilise the VORDME Rwy 28 STAR.

We will need to climb eventually to 14,500ft MSL and the KAMAS 6M SID will take us initially South and out over the Mediterranean to gain height before we turn back towards land for the climb over the Alps to Switzerland. This is a beautiful area to fly over and you will be amply rewarded if your PC will allow you to set the graphics settings to maximum.

The best of luck and enjoy your flight in the French and Swiss Alps.

"You are advised to start the flight with all tanks full."

From - To	<u>Flight Description.</u>				Course (Leg) deg	Distance (Leg) nm	ETE (Leg) HH+MM
	Dep. Rwy : 22R	Init. Hdg: 100deg	Init. Alt: 8,500ft	Apt Elev: 13ft			
Nice Cote D'Azur (LFMN) France To Zurich (LSZH) Switzerland	Preliminary settings. Tune NAV1 to CGS VOR/DME, 109.20 and set OBS to 100°. <u>Start flight timer on brake release at gate.</u> Refer to Nice, Airport layout. jpg for taxi directions to Rwy 22R.						
	Departure. KAMAS 6M SID. To Fix 01: (Refer to Departure 1.pdf) After take off maintain runway and commence best rate of climb to 8,500ft MSL. Waypoint reached when NAV 1 needle approaches center.....				226	2.3	00+01
	To Fix D099N: Turn LEFT to intercept CGS R-100 OB. Waypoint at D14.0 CGS.....				100	12.1	00+06
	To NIZ VOR/DME, 112.4: Turn left to intercept NIZ R-318. Direct to VOR. NIZ VOR must be crossed at 8,000ft MSL minimum				318	12.9	00+06
	To VALBO ISEC: (refer to Departure 2) Intercept NIZ R-320 OB. Commence climb to 10,500ft MSL. Tune NAV 2 to CNM VOR, 111.4 and set OBS to 003°. Waypoint is at intersection of D23.3 NIZ and CNM R-003.....				320	23.3	00+09
	En - Route. To CSL VOR/DME, 116.75: (Refer to En-Route 1.pdf) Turn right to intercept CSL R-026. Commence climb to 11,500ft MSL. Direct to VOR.....				026	76.7	00+28

<p>To MOT VOR/DME, 115.85: (Refer to En-Route 2.pdf) Turn left to intercept CSL R-356 OB. Commence climb to 14,500ft MSL. At D35.0 CSL re-tune NAV 1 to MOT VOR/DME, 115.85 and intercept MOT R-356. Direct to VOR.....</p> <p>To Fix 02: (Refer to En-Route 3.pdf). Turn slight right to intercept MOT R-358 OB. Waypoint at D20.0 MOT.....</p> <p>To GRE VOR/DME, 115.45: Maintain Hdg, Tune NAV1 to GRE VOR/DME 115.45 and intercept GRE R-358. Descend to 10500ft MSL. Direct to VOR.....</p> <p>To HOC VOR/DME, 113.20: Turn Right to intercept HOC R-032. Descend to 7,500ft MSL Direct to VOR.....</p> <p>To Fix 03: (Refer to En-Route 4.pdf). Turn right to 068°. Tune NAV 1 to TRA VOR/DME, 114.30 and intercept TRA R-068. Waypoint at D10.0 TRA.....</p> <p>To TRA VOR/DMA, 114.30: Maintain Hdg. Descend to 6,000ft MSL. Slow to 120kts. Direct to VOR.....</p> <p>To ZUE VOR/DME, 110.05: Turn right to intercept ZUE R-112. Direct to VOR.....</p> <p>Approach using VOR/DME Rwy 28. STAR. To Fix 04: (Refer to Approach.pdf). Turn right to intercept ZUE R-179 OB. Descend to 4,000ft MSL. Waypoint at ZUE D7.5.....</p>	356	65.9	00+23
	358	20.0	00+07
	358	32.3	00+12
	032	19.7	00+07
	068	24.0	00+09
	068	10.0	00+05
	112	16.5	00+07
	179	7.5	00+04

	<p>To Runway: Turn right to 250°magnetic. Tune NAV1 to KLO VOR/DME, 114.85. Set OBS to 276 and Intercept KLO R-276. At KLO D8.0 (CF28) slow to 95kts and commence descent at 600fpm to 2,300ft MSL. This is the MDA. (Minimum Descent Altitude) At KLO D3.0 (Fix 05) turn right to Rwy Hdg 277°fo r visual approach to Rwy.....</p> <p>Land Zurich Rwy 28. Length - 8,147ft. Width -197ft. Surface – Concrete. Taxi to end of Rwy and turn left. Refer to Zurich Airport layout.jpg for directions to parking at Gate E1. Stop timer when engines stopped on arrival at gate.</p> <p>Missed approach. Direct to KLO VOR/DME, 114.85: Turn right and intercept KLO R-307 OB. Climb to 6,000ft MSL. Waypoint at KLO D17.0. Turn right and intercept TRA VOR/DME R-068. Direct to VOR and repeat approach.</p>		Final Hdg 277	10.5	00+06
Flight No:- WR 04-04	Arrival Airport Elev: 1,417ft	Estimated totals for this flight>>>		334nm	02+10