

A DC-3 Airways World Rally 2004 flight.

Port Heiden, Alaska to Unalaska, Alaska.



The Aleutians Chain, which is almost entirely volcanic, was thousands of years ago, the home of the 'Aleuts'. It is more than a thousand miles in length and separates the Bering Sea from the Pacific Ocean. The Aleutians Chain comprises more than two hundred islands, of which only a few are inhabited.

After our departure from Port Heiden which is located at the mouth of the Meshik River on the north side of the Alaska Peninsula, our destination for this flight will be Dutch Harbor on the island of Unalaska. This island, which was once a Russian fur trade outpost in the eighteenth century, was sold along with much of Alaska, to the United States in 1867. During WWII it was a US military stronghold and is presently home to Alaska's largest commercial fishing fleet.

Navigation aids covering our flight are quite good but only one VOR/DME is available, with the remaining Nav aids being DME's and NDB's. So yet again the use of the E6-B calculator will be necessary.

The best of luck and enjoy your flight in the Aleutians Islands.

"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 : 31	Init. Hdg: 180deg	Init. Alt: 8,500ft	Apt Elev: 88ft			
Port Heiden (PAPH) Alaska To Unalaska (PADU) Alaska	Preliminary settings. Tune NAV1 to PDN DME, 109.50. Tune ADF to PDN NDB, 371.0. <u>Start flight timer on brake release at gate.</u> Refer to Port Heiden, Airport layout. jpg for taxi directions to Rwy 31.						
	Departure. To Fix 02: (Refer to Departure.pdf) After take off maintain runway Hdg to 500ft AGL, then turn left to 180°magnetic. Commence climb to 8,500ft MSL. Waypoint at intersection of 196°bearing OB from P DN NDB.....				180	4.7	00+03
	To Fix 03: Turn right to intercept PDN bearing 196°OB. Waypoint at D60.0 PDN.....				196	57.1	00+23
	En - Route. To HBT NDB, 390.0: (refer to En-Route 1.pdf) Turn slight left to intercept HBT NDB 195°bearing IB. Tune NAV1 to HBT DME, 113.20 for distance information. Direct to NDB.....				195	56.6	00+21
	To CDB VOR/DME, 112.60: (refer to En-Route 2.pdf) Turn right to intercept CDB R-253. Direct to VOR.....				253	77.1	00+29
	To Fix 04: (Refer to En-Route 3.pdf) Turn left to intercept CDB R-225. Tune NAV2 to DUT DME, 113.90.						

	<p>Tune ADF to DUT NDB, 283.0. Note. Maintain navigation using course information given by CDB VOR/DME until DUT NDB is received. Waypoint at D124.6 CDB (D30.0 DUT/DME).....</p> <p>To DUT NDB, 283.0: Maintain Hdg. Descend to 4,500ft MSL. Direct to NDB. May I suggest you save flight and time when O/H DUT NDB.....</p> <p>Approach to Rwy. To Fix 05: (Refer to Approach.pdf). Turn right to intercept DUT NDB 345° bearing OB and slow to 120kts. Descend to 3,000ft MSL. Waypoint at D9.0 DUT/DME.....</p> <p>To Fix 09: Commence a left procedure turn. Turn left to 300°. Commence descent to 1,200ft MSL and reduce speed to 105kts while in the procedure turn. Fly Hdg for one minute. Make a 180° right turn to 120°. Intercept DUT NDB 165° bearing IB. Waypoint at D4.0 DUT/DME.....</p> <p>To Runway: Turn left to 125° magnetic. Keep the island to your right and head towards the shoreline ahead. Beware of high ground ahead. Suggestion - Hit the '-' key, This will give you a broader field of view through the screen. Hit 'Backspace' to return to normal view. When close to the shoreline turn right to 210° magnetic. Look right and when Rwy 30 comes into view turn right for a visual approach to runway.</p> <p>Land Unalaska Rwy 30. Length – 3,896. Width -100ft. Surface – Asphalt. Taxi to end of Rwy, turn around and taxi back using Rwy. Refer to Unalaska Airport layout.zip for directions to parking 3. Stop timer when engines stopped</p>	225	124.6	00+47
		225	30.0	00+14
		345	9.0	00+06
		Final Hdg 165	10.3	00+06
		Final Hdg 300	8.1	00+05

	on arrival at gate. Missed approach. Maintain Rwy Hdg to 500ft AGL. Turn right to intercept DUT NDB 165°OB, Climb to 3,000ft MSL and repeat approach.				
Flight No:- WR 04-05	Arrival Airport Elev: 22ft	Estimated totals for this flight>>>		378nm	02+35