

A charter of 6 flights, prepared for the pilots of DC-3 Airways, intended to be flown using the DC-3 Floatplane, DCA Bare Metal Version, 1940s.

To Set The Picture

WWII has been over for a couple of years now. You, and a couple of your buddies, have acquired a DC-3 floatplane, and gone into business in the far reaches of the South Pacific as a free lance cargo/passenger 1 plane airline. You work hard, out of several island airports, to make ends meet by hauling almost anything that will fit in the airplane, and not overload it too much. You realize you'll never get rich doing this, still, the flying is grand, and you fly in one of the most awe inspiring areas of the world.

Water Landings

Short time water landing stops are made at many places in these flights. Water landings require consideration of local wind conditions and sea state. The water landings in these flights are all made in protected lagoons, so sea state is relatively calm for all of them. You will, however, rock like a boat when stopped. The plane comes to a stop fairly quickly when landing on water.

To taxi on the water, deploy the water rudders upon landing. You can then steer the plane with the rudder pedals. When you get to the place to stop and load passengers and/or cargo from boats, shutting down the port engine is required. Pull the left mixture lever to idle cut off, turn off the left engine magnetos, open the door (shift + E) and let down the boarding ladder (/ key). After loading is finished, pull up the ladder (/ key), close the door (shift + E), Put the mixture for the left engine to full rich, turn on the magnetos, and start the engine in the normal DC-3 sequence.

Taxi to a spot where you are heading into the local wind, and have a nice long clear space to run. Raise the water rudders, and go to take off power.

A Note on the Scenery

These flights are made more enjoyable thanks to the mesh scenery file for this area of the world. Download and install the file `fpsi_mesh.zip` by Rolf Keibel.

Also highly recommended are the airport sceneries for Polynesia by Bill Melichar.

- NTTP – Bora Bora – bora2.zip
- NTTH – Huahine – hauhine.zip
- NTTP – Maupiti – maupv.zip
- NTTM – Moorea - moorv2.zip
- NTTR – Raiatea - raia2.zip
- NTAA – Tahiti – tahfs9.zip

All these files are available at AVSIM

Special thanks to the MAAM SIM team, and to Mark Beaumont, for giving us a DC-3 Float plane.

Leg 1

A dawn take off from your home airport NTAA, Faaa Airport, Papeete, Tahiti, using runway 4. Head north to the first stop, a water landing at Tetiaroa Island, bringing Big Mama Maimiti back home after she visited her sister in Tahiti.

Takeoff and head west to a water landing at Huahine, and off loading of a small stock order of rope, outboard motor supplies, and bottled and canned beverages for Mr. Wang's store.

On then to Topuai Island, where you leave the Reverend and Mrs. Fletcher to begin their life as missionaries to the people of this small atoll. And then to the full stop runway landing at NTPP, Maupiti Island, for a swim and some lunch before it's back to business.

	<u>Flight Description.</u> "Allocated runways and related information may change when flying online or using Real Weather"				Course (Leg) deg	Distance (Leg) nm	ETE(leg) HH+MM
	Dep. Rwy: 4	Init. Hdg: 353deg	Init. Alt: 2,500ft	Apt Elev: 6ft			
Pepeeete, Tahiti (NTAA) French Polynesia To Maupiti (NTPP) French Polynesia	Airborne, maintain runway heading to 500ft AGL. Turn to 353deg heading, Climb and maintain 2500ft. Fly VFR to Tetiaroa Island. Water landing in the lagoon as local winds dictate. Deploy water rudders and taxi to the large island on the left of the lagoon. Lay your plane alongside the beach, stop the port engine, open the door, let down the ladder, and give Big Mama Maimiti a hug goodbye when the canoe comes to pick her up. Close up, restart the port engine, and taxi to a proper point for a water take off. Line up, raise the water rudders, and give her the gun.....				353	34.0	00+15
	Airborne, come to a course of 270 degrees. Climb and maintain 2500ft. Tune your ADF to NDB HH Huahine, freq. 345.0, which you will acquire at 38 miles from your destination. There is an airport here, but your landing will be made in the lagoon that parallels the runway of the airport. Once down, taxi to the closed end of the lagoon, lay alongside the beach, shut down port engine and open the door. Mr. Wang's 2 oldest sons will come in a boat to pick up his merchandise. Once the boat is clear, close up the plane, restart the port engine, taxi to a proper point for a water take off, and it's off to the next stop.....				270	85.9	00+45
	Airborne, turn to a heading of 287 degrees. Climb and maintain 2500ft. Fly DR to a lagoon water landing at Topuai Island. Taxi to the largest island, and using the regular debarking procedures, wish Rev. and Mrs. Fletcher good luck as the head man's boat picks up them, and their baggage.. After the boat clears the area, close up, line up, and take off.....				287	53.2	00+25
	Airborne, turn to 235deg hdg. C/M 2500ft. Tune ADF to NDB MA 316.0. Fly to the NDB, and prepare for a full stop runway landing at NTPP, Maupiti Airport, Maupiti, French Polynesia. Land on runway 8.....				235	25.7	00+12
Flight No. 694-01-01	Arrival Airport Elev: 16ft			Estimated totals for this flight>>>		199nm	01+37

Leg 2

After a leisurely lunch, it's time to get back to work. You take off empty from Maupiti, and head for the lagoon at Bora Bora to pick up a shipment of straw hats, grass skirts, and flower leis that go to Papeete for the tourists, starting to make Tahiti a port of call. From Bora Bora, a short hop to the southern tip of Raiatea Island, to meet the local fishing fleet to take on a cargo of fresh fish, including a very nice one for your dinner, a gift from the fishermen. Then it's off to a lagoon landing at Maiao Island to pick up Kelolo and his family, the family going to Moorea to visit grandmother, and Kelolo going on to Papeete with you. After Moorea, a final leg to a runway landing at Faaa Airport, taxi to your area, offload the cargo, and then it's time for a fish dinner, some beverages, and time to pick out a spot from which to watch the sun go down behind Moorea, across the strait to the west.

From - To	<u>Flight Description. "Allocated runways and related information may change when flying online or using Real Weather"</u>				Course (Leg) deg	Distance (Leg) nm	ETE(leg) HH+MM
	Dep. Rwy: 8	Init. Hdg: 080deg	Init. Alt: 1,500ft	Apt Elev: 16ft			
Maupiti (NTP) French Polynesia To Papeete (NTAA) Tahiti	1. Take off on runway 8, and maintain 080deg. hdg. Climb to 1500ft. Water landing in the lagoon as local winds dictate, to the right of the peak. Lay along side the beach at Bora Bora, and use procedures to load cargo.....				080	28.3	00+14
	2. Water take off from the lagoon. Climb to 2500ft. Turn to 138deg. hdg. Fly visual to the southern tip of the 2nd island, Raiatea. Make a water landing, lay along side the beach and take on the cargo of fish. After the fishing canoes clear the area, taxi and line up for take off.....				138	32.9	00+17
	3. After take off, turn to 120 deg. hdg. Climb to 2500ft. Fly DR to Maiao atoll. Make a water landing in the lagoon that is beyond the peak. Taxi to the beach and take on passengers, Kelolo, his wife, and 4 small children. After getting them settled as best you can, taxi and line up for take off from the lagoon.....				120	65.2	00+37
	4. Airborne, turn to 067 deg. hdg. C/M 2500ft. fly to Moorea Island. Approach to the right of the island, and once clear of the last headland, turn left and make a water landing in the vicinity of the airport, which has a seaplane slip. Disembark the passengers going to grandmother's house, taxi and line up for take off.....				067	53.2	00+27
	5. Airborne, turn to 105 deg. hdg. C/M 1000ft altitude. Prepare for a runway landing on runway 4 at Faaa Airport, Papeete. Taxi to your area, unload cargo, and take the rest of the day off.....				105	9.0	00+06
Flight No. 694-01-02	Arrival Airport Elev: 6ft		Estimated totals for this flight>>>			189nm	01+41

Leg 3

Planning to fly empty to Rangiroa to fill commitments for, of all things, a school outing, a cargo of Tikis, and throw in a pick up of the governor's aide, we catch a lucky charter. A small group of Japanese businessmen and marine biologists need a quick flight to Tikehau atoll to investigate conditions for a cultured pearl farm. So, it's a dawn take off to a water landing at Tikehau, and then on to a runway landing at Rangiroa.

From - To	<u>Flight Description.</u> "Allocated runways and related information may change when flying online or using Real Weather"				Course (Leg) deg	Distance (Leg) nm	ETE(leg) HH+MM
	Dep. Rwy: 4	Init. Hdg: 351deg	Init. Alt: 4500ft	Apt Elev: 6ft			
Papeete, Tahiti (NTAA) French Polynesia To Rangiroa (NTTG) French Polynesia	1. Take off Runway 4. Maintain runway heading to 500ft AGL. Climb to 4500ft. Turn to 351 deg. hdg. Fly DR to your waypoint at Fix 01, Tetiaroa atoll.....				351	33.2	00+15
	2. O/H Fix 01 at Tetiaroa, turn to 036 deg. hdg. Fly DR to Fix 02, a small island shaped like a fat tadpole.....				036	102.6	00+43
	3. O/H Fix 02, turn to 350 deg. hdg. Begin a slow descent to 1500ft, and prepare for a water landing in the lagoon. Land on the water near the first island on the left in the atoll. Lay the plane alongside the beach and disembark passengers. Several canoes of islanders will pick up the charter party.....				350	36.9	00+23
	4. Line up and make a water take off. Climb to 2500ft. Turn to 062 deg. hdg. Tune ADF to NDB OA 358.0, located on the field at Rangiroa. Descend at pilot's discretion, and prepare for a full stop runway landing at NTTG, Rangiroa. Land on Runway 9.....				062	34.8	00+18
Flight No.694-01-03	Arrival Airport Elev: 6ft		Estimated totals for this flight>>>			208nm	01+39

Leg 4

Flying out of Rangiroa Island at this time, you have committed to flying to Arutua atoll to pick up a shipment of decorative corals and sea shells, to take back to Tahiti for the tourist trade. From Arutua, there is a passenger to pick up in the lagoon of Ahe atoll, Mrs. Watanabe is scheduled to go to Papeete to be with her daughter, who is having a baby any day now. Leavine Ahe, a short hop east to the airport at Manihiti for lunch and fuel.

From - To	<u>Flight Description.</u> "Allocated runways and related information may change when flying online or using Real Weather"				Course (Leg) deg	Distance (Leg) nm	ETE(leg) HH+MM
	Dep. Rwy: 9	Init. Hdg: 095deg	Init. Alt: 2500ft	Apt Elev: 9ft			
Rangiroa (NTTG) French Polynesia To Manihi (NTGI) French Polynesia	1. Depart runway 9 and turn to 095deg. hdg. Climb to 2,500ft. Fly DR to Arutua atoll. There is an airport here, but make a water landing in the lagoon (saves landing fees) near the 2nd island on the left, alongside the airport island. Taxi near the beach and pick up cargo.....				095	60.6	00+33
	2. Line up and takeoff, using prevailing winds, and turn to 014 degrees. Climb to 2500ft. Fly DR to Ahe atoll. Make a water landing in the lagoon near the last island on the right on the far side of the lagoon. Taxi near the beach and pick up Mrs. Watanabe.....				014	53.7	00+25
	3. Line up and takeoff from the lagoon. Turn to 082 deg. hdg. Climb to 1000ft. Prepare for a runway landing, Runway 5, at NTGI, Manihi.....				082	10.7	00+12
Flight No. 694-01-04	Arrival Airport Elev: 13ft		Estimated totals for this flight>>>			125nm	01+10

Leg 5

After lunch, it's time to fly. First stop is a water landing in the lagoon at Takaroa atoll to pick up Sister Marie Terese and her 4 pupils bound for Papeete. Once all are on board, it's off to a water landing, again in the lagoon of an atoll, this time Aratika, to pick up several cartons of carved Tikis to take to the tourist shops. Leaving Aratika, head for a runway landing at Kaukura Island, where we will pick up the Governor's aide, M. Dubois and his guest, an American author, James Michener, who is touring Polynesia, gathering material for a book he plans to write about the wartime South Pacific.

From - To	<u>Flight Description. "Allocated runways and related information may change when flying online or using Real Weather"</u>				Course (Leg) deg	Distance (Leg) nm	ETE(leg) HH+MM
	Dep. Rwy: 5	Init. Hdg: 080deg	Init. Alt: 2500ft	Apt Elev: 13ft			
Manihi (NTGI) French Polynesia To Kauatura (NTGK) French Polynesia	1. Take off on Runway 5. Come to a heading of 080 degrees. Climb to 2500ft. Fly DR to Takaroa atoll. Make a water landing in the lagoon and lay alongside the first large island on the left. Embark your passengers.....				080	60.3	00+25
	2. Line up and take off from the lagoon. turn to 209 deg. hdg. Climb to 2500ft. Tune ADF to NDB TP (Takapoto) 349.0. Fly to NDB.....				209	19.6	00+09
	3. O/H TP, turn to 183 deg. hdg. Fly DR to Aratika atoll. Make a water landing on the far side of the lagoon, near the island with the airstrip. Lay alongside the beach and take on the shipment of Tikis.....				183	57.0	00+23
	4. Take off from the lagoon and turn to 262 deg hdg. Climb to 2500ft. Fly DR to Apataki Island. The airstrip, NTGD, is our waypoint.....				262	53.1	00+21
	5. O/H NTGD, turn to 245 deg. hdg. Prepare for a full stop runway landing on runway 20, at NTGK, Kuakura Island. Wait patiently for the Governor's aide and his guest, who are running a little late.....				245	27.8	00+15
Flight No. 694-01-05	Arrival Airport Elev: 11ft			Estimated totals for this flight>>>		218nm	01+33

Leg 6

It's now 17:00 hours, and M. Dubois and Mr. Michener are finally aboard. After rounding up the Sister and the kids and pre-flighting the airplane, there is just time enough to get to Papeete before dark.

From - To	<u>Flight Description.</u> "Allocated runways and related information may change when flying online or using Real Weather"				Course (Leg) deg	Distance (Leg) nm	ETE(leg) HH+MM
	Dep. Rwy: 20	Init. Hdg: 251	Init. Alt: 4500ft	Apt Elev: 11ft			
Kaukura (NTGK) French Polynesia To Papeete, Tahiti (NTAA) French Polynesia	1. Take off on Runway 20, using short field take off procedures (Caution the tree at the end of this runway). Turn to 251 deg. hdg. Climb to 4500ft. Fly DR to Fix 01. Waypoint is a small island, shaped like a fat tadpole, with a road across it that makes a flat "v".....				251	80.1	00+33
	2. O/H Fix 01, turn to 215 deg. hdg. Fly DR to Tetiaroa atoll.....				215	102.0	00+45
	3. O/H Tetiaroa atoll, turn to 172 deg. hdg. Descend to 3500ft. Tune ADF to NDB PW 337.0. This NDB is located at the airport on Tahiti. Fly toward NDB. Descend at pilot's discretion, and prepare for a full stop runway landing at NTAA, Faaa Airport, Papeete. Home Base.....				172	34.7	00+22
	Flight No. 694-01-06				Arrival Airport Elev: 6ft Estimated totals for this flight>>>		
						217nm	01+40