



DC-3 World Rally 2022

Flight Descriptions



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Flight 01 Briefing

- 1. Flight:** VFR flight from San Sebastian, Spain (LESO) to Les Pujols, France (LFDJ). The flight distance is 226 nm and the flight time should be around 1 hour 46 minutes. Visibility is 30 miles decreasing to 20 miles at cruise altitude. The date is 1st August 2022 and the local time is 18:45
- 2. Aircraft Type:** Douglas DC-3/C47 Payload is 4030 lbs. User should set fuel to their own planning requirements.
- 3. Departure Airport:** San sebastian (LESO), you will departing from runway 22. The surface winds are from the SW at 8 kts; temperature is 22°C with a dewpoint of 6°C; the barometric pressure is 29.92 inHG or 1013 hPa. Clouds are few with a base of 3000 ft and higher clouds with a base of 9000'. Pilots may encounter icing above 6000' and moderate turbulence.
- 4. Route of Flight:** depart runway 22 and turn to a southerly course to fly direct to the PAP VOR freq 113.55. Commence a 700 fpm climb to 7500'.
Overhead PAP turn to the NE and fly direct to Herrere LFCO (overfly at 7500').
Next, turn NE and start a 500 fpm climb to 11500'. After approximately 56 nm you will find yourself over the grass airfield at LFCO. Overhead LFCO turn SE and fly for 62 miles to waypoint 1. This is DME 102 from the PAP VOR. You will know that you are approaching the waypoint when you see the large lake called Ibon de Creguena in front of the mountain,
At PAP DME 102 turn east to waypoint 2, located at Pic de Comapedrosa, DME PAP 137.
Overhead waypoint 2 turn NNE direct to Les Pujols LFDJ. Commence a 700 fpm descent to 2500' whilst maintaining 140 knots. Tune NDB PMR freq 384.0 to assist identifying the airport. NDB range is 23 NM and is located 4 miles west of your destination.
- 5. Destination:** The destination airport of Les Pujols is at an elevation of 1115'. Make preparations for a left downwind entry for full stop landing on runway 27.
- 6. Flight Altitudes:** After departure climb to 7500'. After LFCO increase altitude to 11500'. After Waypoint #2, descend to 2500' at -700 fpm and then make your approach into LFDJ (elevation 1115' – runways 09 and 27 available).
- 7. Estimated Time of Departure (ETD):** 18:45 Local Time 1st August 2022
- 8. Estimated Time Enroute (ETE):** Approximately 1 hour 46 minutes.



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Flight 02 Briefing

1. **Flight:** VFR flight from Matsapha Intl, Swaziland (FDMS) to Prince M. Buthelezi, South Africa (FAUL). The flight distance is 254 nm and the flight time should be around 1 hour 55 minutes. Visibility is 30 miles decreasing to 20 miles at cruise altitude. It is 15th October and the time is 05:45 local.
2. **Aircraft Type:** Douglas DC-3/C47 Payload is 4030 lbs. User should set fuel to their own planning requirements.
3. **Departure Airport:** Matsapha Intl (FDMS) elevation 2041'.; you will depart from runway 25. The surface winds are from 254° at 8 kts; temperature is 21°C/70°F with a dewpoint of 7°C/45°F; the barometric pressure is 29.92 inHG or 1013 hPa. Clouds are scattered cumulus with a base of 3500 ft and higher clouds with a base of 8000'. Pilots may encounter icing above 6000' and moderate turbulence. Winds are forecast to strengthen and be more from the west as you climb to cruise altitude.
4. **Route of Flight:** Depart runway 25 and turn immediately to the SE to fly direct to Ponta De Ouro (FQPO). Commence a 500 fpm climb to 3500'. Overhead FQPO turn to the SW and fly direct to Pongolapoortdam, a lake 17 miles east of Pongola (FAPL). When over the middle of the lake turn west to fly direct to FAPL. Overhead FAPL turn SW and commence a 600 fpm climb to 6500'. Fly direct to Vryheid (FAVY) approximately 50 nm. Overhead FAVY turn to a south easterly course. After 14 minutes start a 400 fpm descent to 3500' and fly direct to your destination of Prince M Buthlesi airport (FAUL)
5. **Destination:** The destination airport of FAUL is at an elevation of 1675'. Make preparations for a full pattern landing with a cross field join, left downwind entry for full stop landing on runway 23. Runway 23 is tarmac and is 5397' x 75'.
6. **Flight Altitudes:** After departure climb to 7500'. After LFCO increase altitude to 11500'. After Waypoint #2, descend to 2500' at -700 fpm and then make your approach into FAUL (elevation 1675' – runways 05 and 23 available).
7. **Estimated Time of Departure (ETD):** 18:45 Local Time
8. **Estimated Time Enroute (ETE):** Approximately 1 hour 55 minutes.



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Flight 03 Briefing

- Flight:** VFR flight from Paraparaumu, NZ (NZPP) to Tauranga, NZ (NZTG). The flight distance is 274 nm and the flight time should be around 2 hours. The date is 12th October 2022 and the local time is 15:00.
- Aircraft Type:** Douglas DC-3/C47
- Departure Airport:** Paraparaumu (NZPP), you will starting on runway 16. The surface winds are from the SSE at 04 kts gusting to 09 kts, temperature is 18°C with a dewpoint of 15°C, the barometric pressure is 30.30 inHG or 1026 hPa. Clouds are few with a base of 3300 ft and higher clouds with a base of 16000'
- Route of Flight:** depart and maintain runway heading while beginning a climb to 3500', at your discretion begin a turn back toward the NE and overfly (NZPM) Palmerston North Airport at 3500'. At NZPM, turn to the northwest to overfly NZWU and NZNP. At New Plymouth Airport turn again to the NNE to fly to the destination airport of Tauranga (NZTG).
- Destination:** The destination airport of Tauranga is located on the northeast coast of the north island of New Zealand, with an elevation of 13 ft. The landing runway will be 07 unless the wind dictates another runway for your landing!
- Flight Altitudes:** After departure climb to 3500 and maintain this altitude for the remainder of the flight.
- Estimated Time of Departure (ETD):** 15:00 Local Time
- Estimated Time Enroute (ETE):** Approximately 2 hours.



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Flight 04 Briefing

1. **Flight.** IFR flight from **Queenstown** (NZQN) to **Hokitika** (NZHK) New Zealand. The flight distance is about 186 nm and the flight time should be around 1 hour 30 minutes. The date is 14th October 2022 and the local time is 15:30.
2. **Aircraft Type.** Douglas DC-3/C-47
3. **Departure Airport:** Queenstown (NZQN), you will be placed on runway 05. Set NAV1 to 113.60 MHz (QN VORDME).
 - The surface winds from the NE at about 9 kts gusting to 13 kts. The visibility is about 5 nm and the temperature is 15°C/59°F with a dewpoint of 11°C/52°F, the barometric pressure 29.95 inHG or 1014 hPa. Scattered clouds with base at altitude 2100 ft up to about 3500 ft. Higher up broken cloud with base at 10 000 ft.

NZQN 051145Z 06009G13KT 6SM SCT010 BKN088 15/11 A2995

4. **Route of flight.**
 - Depart **Queenstown** in a north easterly direction using the **SID RWY 05** standard instrument departure (SID).
 - After SID, fly a straight route to destination **Hokitika** and expect high terrain enroute.

CAUTION: Expect some moderate icing conditions on the higher altitudes.

5. **Destination.** The destination is **Hokitika** on the eastern coast at an elevation of 145 ft. The predicted surface winds are from the NE, be prepared to execute a **HOKITIKA NDB/DME RWY 03** arrival.
6. **Flight Altitude(s).** After departure, climb to and maintain an initial altitude of 7000 ft (FL070). At **QN VORDME (113.60 MHz)** 70 nm, commence normal climb to at least 11 000 ft (FL110). A descend to a more comfortable altitude can be safely done after **DME HK (117.50 MHz)** 54 nm.
7. **Estimated Time of Departure (ETD).** 15:30 local time.
8. **Estimated Time Enroute (ETE).** 1 hour 30 minutes



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Flight 05 Briefing

1. **Flight.** IFR flight from **Franjo Tudman (LDZA)** to **Banja Luka Intl (LQBK)** Croatia. The flight distance is about 246 nm, and the flight time should be around 1 hour 49 minutes. The date is 1st January 2022 and the local time is 14:45.
2. **Aircraft Type.** Douglas DC-3/C-47
3. **Departure Airport:** Franjo Tudman (LDZA), you will be placed on runway 23.
 - The surface winds from the south at about 7 kts. The visibility is about 6 nm and the temperature is 32°C/90°F with a dewpoint of 25°C/77°F, the barometric pressure 30.11 inHG or 1020 hPa. Expect light rain, and a few Cumulus clouds with base at altitude 4 000 ft up to about 6 000 ft. Higher up broken cloud with base at 8 000 ft.

LDZA 051145Z 19007KT 7SM RA FEW037 BKN080 32/25 A3011

4. **Route of flight.**
 - Depart **Franjo Tudman** in a south westerly direction, direct to Rijeka/Krk I. (LDRI) Airport.
 - Overfly the airport and continue SSE to Zadar/Zemunik (LDZD) Airport.
 - Again, overfly the airport and continue in an NNE direction to overfly a Udbina Air Base (LDZU).
 - From here continue in an ENE direction to the destination **Banja Luka International Airport**.
5. **Destination.** The destination is **Banja Luka International Airport** at an elevation of 401 ft. The predicted surface winds are from the South.
6. **Flight Altitude(s).** After departure, climb to an altitude of at least 5000 ft (FL050). After Zadar/Zemunik (LDZD) Airport the safe altitude is at least 6 000 ft (FL060).
7. **Estimated Time of Departure (ETD).** 15:30 local time.
8. **Estimated Time Enroute (ETE).** 1 hour 49 minutes

[Flight plan in SkyVector](#)



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Flight 06 Briefing

1. **Flight.** VFR flight from **Kasteli (LGTL)** to **Iraklion – Nizos Kazantzakis (LGIR)** Crete Island. The flight distance is about 297 nm, and the flight time should be around 2 hour 12 minutes. The date is 1st March 2022 and the local time is 09:00.
2. **Aircraft Type.** Douglas DC-3/C-47
3. **Departure Airport:** Kasteli (LGTL), you will be placed on runway 20.
 - The surface winds from the NNE at about 5 kts. The visibility is about 9 nm and the temperature is 35°C/95°F with a dewpoint of 20°C/68°F, the barometric pressure 30.15 inHG or 1021 hPa. Expect light turbulence, and a few Cumulus clouds with base at altitude 3 000 ft up to about 6 000 ft. Higher up broken Cirrus cloud with base at 8 000 ft.

LGTL 010900Z 03505KT 9SM FEW018 BKN080 35/20 A3015

4. **Route of flight.**
 - Depart **Kasteli** in a north easterly direction, direct to the lighthouse of Aforesmenos, turn ESE to overfly the Vitsentzos Kornaros Airport and continue SSE to Sitia VOR.
 - Over the VOR, turn right and follow the coastline in a westerly direction to the most southern point of the island.
 - Turn right, still following the coastline in a northerly direction, fly direct to Tympaki (LG54) Airport.
 - Turn left NW and cut across the mainland direct to the Chania Ioannis Daskalogiannis (LGSA) Airport, proceed WNW to the most northern part of the island.
 - From here, head south to the town of Palaiochora and over the Paleochora VOR, turn east for the last leg cutting across the mainland to the destination airport of **Nikos Kazantzakis (LGIR)**
5. **Destination.** The destination is **Nikos Kazantzakis Airport** at an elevation of 115 ft
6. **Flight Altitude(s).** This is a sightseeing tour, remain at your lowest safe altitude. When cutting across the mainland, the safe altitude is at least 6 500 ft.
7. **Estimated Time of Departure (ETD).** 09:00 local time.
8. **Estimated Time Enroute (ETE).** 2 hours 12 minutes

[Flight plan in SkyVector](#)



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Flight 07 Briefing

1. **Flight:** VFR flight from Sedona, AZ (KSEZ) to Tuweep, AZ (L50) along the Grand Canyon! The flight is about 150 miles and the time for the flight should be around 1hr 02 min. The date is 9th September 2022 and the local time is 10:00.
2. **Aircraft Type:** Douglas DC-3/C47
3. **Departure Airport:** Sedona (KSEZ), you will be placed on runway 21, The surface winds will be about 07 kts out of 240°, temperature is 18°C, with a dewpoint of 16°C, the barometric pressure is 30.18 inHG or 1022 hPA. Clouds will be scattered with a base of 2600 up to 3800 ft. Higher clouds are few with a base of 15000 ft.

KSEZ 160945Z 07240 75M SCT026 FEW150 18/16 A3018

4. **Route of Flight:** Departing Sedona (KSEZ), takeoff and fly runway heading, at your discretion begin a turn back to a northerly course to overfly Flagstaff (KFLG), overhead KFLG, make a left turn toward the NNW to overfly Grand Canyon Airport (KGCN), at KGCN, you can turn NNE toward the Grand Canyon National Park and follow the flight plan into Tuweep AZ (L50).
5. **Destination:** At Tuweep, L50 the predicted wind will be from the SSW so your landing runway should be number 20.
6. **Flight Altitude(s):** Enroute should be at 10,000' but once you are in the Grand Canyon you can fly your preferred altitude!
7. **Estimated Time of Departure ETD:** 10:00 local
8. **Estimated Time Enroute (ETE):** 1 hour 50 minutes



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Flight 08 Briefing

1. **Flight:** VFR flight from Hofu Aero Japan (RJOF) to Kumamoto, Japan (RJFT). The flight is 189 nm in length and the flight time will be about 1h30. The date is 26th October 2022 and the local time is 08:00.
2. **Aircraft Type:** Douglas DC-3/C47
3. **Departure Airport:** Hofu Aero, RJOF, you will be placed on runway 12. Set Nav1 to 112.15 MHz (OCT VORDME)The surface winds 08 kts gusting 10 kts are from 080°, visibility is 10 nm and the temperature is 23°C with a dewpoint of 22°C, the barometric pressure 29.71 inHG or 1006 hPa.
4. Few clouds with a base of 2900' up to 3700', higher up, broken cloud with a base of 19500'. Expect light turbulence in the climb!

RJOF 260745 080008G10KT 10SM FEW28 BKN195 23/22 A2971

5. **Route of Flight:** Depart Hofu Aero RJOF heading ESE, turn back to a westerly direction to overfly (OCT VORDME), turn SSW to fly over RJFF Airport, at RJFF turn East and overhead RJFO make your last turn to the SSW toward the destination airport of RJFT!
6. **Destination:** The destination is Kumamoto Japan RJFT. Kumamoto is a city in SW Japan with an elevation of 632', the predicted surface winds are from the southeast, your expected runway will be 07.
7. **Flight Altitudes(s):** Initial climb to 5000' and maintain throughout the flight.
8. **Estimated Time of Departure ETD:** 08:00 Local time
9. **Estimated Time Enroute (ETE):** 1 hour 30 minutes.



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Flight 09 Briefing

1. **Flight.** VFR flight from **Rajaori** (VI64) to **Tarbela Dam** (OPTA), India. The flight distance is about 201 nm, and the flight time should be around 1 hour 35 minutes. The date is 1st September 2022 and the local time is 16:00.
2. **Aircraft Type.** Douglas DC-3/C-47
3. **Departure Airport:** Rajaori (VI64), you will be placed on runway 18.
 - The surface winds are from the SW at about 8 kts. The visibility is about 10 nm and the temperature is 30°C/86°F with a dewpoint of 20°C/68°F, the barometric pressure 30.01 inHG or 1016 hPa. Expect light turbulence, and a few high clouds with base at altitude 16 000 ft up to about 20 000 ft.

VI64 011600Z 23008KT 12SM FEW130 30/20 A3001

4. **Route of flight.**
 - Depart **Rajaori** in a southerly direction, follow the Manawar Tawi River to where it splits, taking the fork to the northeast.
 - Using your plotted route on the map as reference, navigate your way through the valley in an easterly direction steadily climbing to at least 14 000 ft, later turning northeast to cross a 13 150 ft ground elevation ridge.
 - Turn left to the NNW and you may now start a slow descent to a more comfortable altitude, direct to Srinagar Air Base (VISR).
 - Turn left in a westerly direction until you pick up the Jhelum River (about 37 nm west of Srinagar). Follow the river to the WNW to the Muzaffarabad (OPMF) Airport.
 - From here, head west for about 40 nm to pick up the Indus River, turn left to follow the river in a southerly direction, direct to the destination of **Tarbela Dam** (OPTA) Airport.
5. **Destination.** The destination is **Tarbela Dam Airport** at an elevation of 1 104 ft.
6. **Flight Altitude(s).** This is a sightseeing tour, remain at your lowest safe altitude. Beware of high terrain up to 13 000 ft enroute, the safe altitude is at least 14 000 ft.
7. **Estimated Time of Departure (ETD).** 16:00 local time.
8. **Estimated Time Enroute (ETE).** 01 hour 35 minutes



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Flight 10 Briefing

1. **Flight:** VFR flight from **Ketchikan** AK (PAKT) to **Stewart** BC (CZST). The flight distance is approximately 148 nm with a flight time of about 1 hour 5 minutes. The date is 1st October 2022 and the local time is 14:00.
2. **Aircraft Type.** Douglas DC-3/C47
3. **Departure Airport:** Ketchikan, AK (PAKT), you will be placed on runway 11. The surface winds are from the NNW at about 06 kts, gusting to 10 kts. Visibility is approximately 20 SM and the temperature is 23°C with a dewpoint of 14°C, the barometric pressure is 29.97 inHG or 1015 hPA.
4. Few clouds with a base of around 3576 up to 3600 and 4854 to 4900 higher up clouds are broken with base at about 16000'

PAKT 011355Z 34006G10 20SM FEW035 BKN160 23/14 A2997

5. **Route of Flight:** Depart Ketchikan in a southeasterly direction follow runway heading and climb to 2500', then continue on a southeasterly course for approximately 20 NM to WP1, continue on flight plan to WP3 where you will then turn NNE and follow the waterway until WP4 where you will turn to the northwest to WP5 and fly along the US/Canadian border on into Stewart British Columbia (CZST). You can expect to do your landing on runway 36 at CZST elevation 36' runway length 3900'.
6. **Estimated Time of Departure (ETD):** 14:00 local time.
7. **Estimated Time Enroute (ETE):** 1 hour 5 minutes