

PPD-5 Petersburg Area

Map

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Helicopter - By Klaus Troeppner

Cascade Creek Hydro PP11.....

1. Start at PAPG Petersburg airport.
2. Set GPS for PP11 and fly at cruise speed, altitude at 50-1000 feet to Cascade Creek in Thomas Bay to the north.
3. With entering Thomas Bay then Ruth Lake Dock comes into sight. Pass it and follow the coastline for about 2 miles. Cascade Creek power house and marine access is in 12 o` clock.
4. Pass the facility and watch out for the helipad aside the powerhouse. Warning: Be aware of possible bird strikes!!!
5. Turn in hard left turn for 270 degrees, reduce Speed and altitude while in turn. At the end of the turn you should see the powerhouse facility 100 ft above the waterline behind a small lake. The helipad is located left of the building. Airspeed should be 50-60 knots, altitude at 300 ft.
6. Continue your approach to the helipad. Be aware of the trees in front of the landing zone.
7. Reduce speed into a hover over the small lake then descent and touch down on the helipad.
8. Lift off again vertically to about 200 ft above ground. Hoverturn 20 degrees to the right, climb and adjust forward speed into translational lift.
9. A construction site with a helipad comes into sight 500ft away. Hold speed slightly above translational lift and approach the site right side of the Creek. Land on the helipad. Watch out for construction vehicles and personnel moving around.
10. Lift off again and adjust forward speed. Check altitude above 200 feet to avoid striking trees around the site.
11. Follow the Creek up to the dam site for about 3 miles at about 80 knots airspeed. Warning: Be aware of reduced maneuverability between mountains!!!
12. When Swan Lake is in sight, pass the dam and fly over the Lake for about half a mile. Then turn hard for 180 degrees while reducing speed to 60 knots.
13. Start your approach on dam site with the helipad just to the right and touch down.
14. Lift off again, hover turn to the right, then adjust speed into transitional lift. Increase speed and altitude for about half a mile. With airspeed above 80 knots turn hard left for 180 degrees.
15. Pass the dam and cruise down the mountain pass to Thomas Bay.

Ruth Lake Hydro PP06.....

1. Set the GPS for PP06 and follow coastline for about two miles to the south. Ruth Lake Hydro Dock facility comes into sight.
2. Pass the dock facility and turn hard right for 270 degrees. Warning: Be aware of bird strikes Watch out for tall cranes at the dock side.
3. At the end of turn the dock side facility is in 12 o` clock position. Airspeed should be at 60 knots, altitude at 300 feet above waterline.
4. Approach the facility to the right of the pier. The helipad is located just behind a fence, so check altitude on approach. Be aware of cargo boats near the pier.
5. Hoverstop over the helipad and touch down.
6. Lift off again, climb to 200 feet and hoverturn for 90 degrees to the right.
7. Adjust forward flight into translational lift and further increase speed to 80-90 knots and altitude to 500 feet above waterline.
8. Turn into a right bank for 270 degrees, pass the dock side facility and follow the construction road up the mountain pass to the dam construction site two miles away.
9. When the dam construction site comes into sight reduce airspeed to 60 knots, altitude 300 feet above ground. Watch out for transmission lines and tall trees.
10. Approach the site and hoverstop. Check helipad location and continue descend and touch down. Warning: Be aware of moving construction vehicles around the helipad.
11. Lift off again and climb vertical to 200 feet above ground. Then adjust forward flight into translational list. Pass the dam building site and let your passenger take a look at the dam, then increase airspeed.
12. Over Ruth Lake turn hard left or right for 180 degrees, pass the dam building site again and follow the mountain pass down to Thomas Bay at cruise speed.

Tyee Lake Hydro PP04.....

1. Set the GPS for PP04, set cruise speed and altitude at 500-1000 feet. Leave Thomas Bay to the south and head for Wrangell.
2. After passing Wrangell and follow the Eastern Passage, then turn left and fly along the Blake Channel.
3. Turn left for 90 degrees into Bradfield Canal and follow to its ending.
4. The Tyee Lake hydro powerhouse facility comes into sight. Warning: Be aware of possible bird strikes!!!
5. Pass it and watch out for helipad location, then bank and turn hard left for 270 degrees with reducing airspeed to 50-60 knots, altitude at 200 feet.
6. Approach the helipad and touch down.
7. Lift off again, hoverturn for 180 degrees, accelerate and climb. Follow the transmission line for a half mile, then turn left for 90 degrees and climb up to Tyee Lake at about 80 knots airspeed.
8. Pass the dam site and fly over the lake half a mile, then turn hard for 180 degrees. The dam site with the helipad at 12 o` clock will come into sight.
9. Approach the helipad, hoverstop in front of it and touch down.
10. Lift off again, hoverturn to the right for 50-60 degrees and climb into translational lift.
11. Follow down the mountain pass, turn hard right for 90 degrees and follow the transmission line.

12. The Tye Lake hydro powerhouse facility comes into sight. Start your approach by using the runway in front as visual reference.
13. Hoverstop over the runway at about 50 feet altitude with the facility just to the right. Watch out for the helipad, check clearance of the landing zone.
14. Hover taxi to the helipad and touchdown. Finish your Flight or set your GPS to PF20 Misty's Place and head home.



Float Plane - By Doug Linn

Cascade Creek PP11

1. Start at Johnson-Petersburg (PAPG) at the active runway. Set your GPS for PP11, Cascade Creek Hydro.
2. Fly on a heading of 340° to Bock Bight (an peninsula from starboard about 12 miles. Then turn toward PP11 on the GPS There is a float plane dock there with fuel available.
 - Viewing Tips: It is best to view Cascade Creek using slew mode starting at the parking dock (GTA=PP11/Parking 1 Dock). and slewing around the dock area. You will find the power house in this area. Notice that Cascade Creek has an outfall to the right of the landing dock (as you are facing the complex). Follow the Creek upstream by slewing. The small cabin is a USFS cabin that is actually there.
 - They are digging a tunnel that comes down from the reservoir. The water will come down the tunnel then be connected into the penstock that takes it on down to the hydro plant.
 - Continue to follow the stream up toward the dam that is being constructed, you will pass over a small lake, but the creek continues on up the mountain. You will arrive at Swan Lake where you will find a retention dam. Notice there is a float plane dock there. Now return to the main landing dock (GTA=PP11/Parking 1 Dock).
3. Take off from the dock area, gain a little altitude, then fly up Cascade Creek to its source at Swan Lake. You can then land at Swan Lake and taxi to the float plane dock there.



Ruth Lake PP06

1. From your position at the Swan Lake Dock at Cascade Creek (GTA=PP11/2(water), prepare to fly to Ruth Lake Hydro. Set your GPS for PP06 (Ruth Lake Hydro). Take off from Swan Lake, fly over the reservoir dam and back down the creek to the power house and dock area, then turn to port and follow the coastline for about 3 miles to Ruth Lake Hydro (it is very close to Cascade Creek). Land at the materials handling dock area. You can pull up at the float plane dock, the fuel pump is active, and even have a BBQ at the Brad's BBQ there.
 - Viewing Tips: As with Cascade Creek, the best way to see all that is happening is to use the slew mode. So press "Y" and go to slew mode. Then look around the dock area. You will see three roads leaving the complex, two are along the shoreline and one goes back into the terrain. Follow the road going back toward the mountains. When the road splits at a curve, take the road to the left and continue back into the mountains. You will come to the dam construction site.
 - The power house is in front of the dam. If you look behind the dam (lake-side), you will find a float dock for your float plane. Return to the Brad's BBQ Dock (GTA=PP11/2(water).
2. Take off from the area near the Brad's BBQ dock and fly up the access road to the dam construction site, landing in Ruth Lake just beyond the dam and tie up at the float plane dock.

Tye Lake PP04

1. From the Ruth Lake Float Plane Dock (GTA=PP11 / 2(water), set your GPS for PP04, Tye Lake Hydro. Take off from Ruth Lake and fly back down over the materials handling dock. Turn to port and follow the coastline for about 70 miles on a rough bearing of 120°. You can fly low and slow on this trip staying over water the entire trip. The waypoint will take you to Tye Lakewhere the dam is located. Tie up at the dock (GTA=PP04/ S Water).
 - Viewing Tips: Slew and look around the Tye Lake reservoir area. Then we will try to find the power plant which is located 1.5 miles away on a 013° bearing from the dam at Tye Lake. Now return to the dock at Tye Lake (GTA=PP04/ S Water).
2. Fly from the lake dock down to the power plant area and you can dock there (GTA=PP04/ E Water).
 - Viewing Tips: Slew and explore the power plant area. You will find cabin areas, a well-engineered little airport and a very interesting hydro plant complex. When finished go to (GTA=PP04/E Water) and you will be back at the lower mooring dock.



3. Now you have a choice. 70 miles back to Johnson Petersburg airport (PAPG) or 70 miles to Misty's Place (PF20). The next consecutive dispatch PP06 is from Misty's Place if you are doing them in order. So you might want to fly to Misty's Place. (Remember you must have the Misty's Place Scenery location).