

FLYING THE PAN AMERICAN HIGHWAY - PART II

Leg 1 - This leg takes us from Panama City, Panama to Cali, Columbia. Make sure you have full oxygen bottles as you will be doing some high mountain flying on this leg. Deviations in altitude and course to avoid unpleasant encounters with some of the mountain peaks may be necessary and is highly recommended when visibility is poor. Watch for some spectacular scenery as you fly through the high mountains of Columbia as you head for Medellin and Cali.

From - To	Dep. Rwy: as directed	Init. Hgd: 119 deg	Init. Alt: 11,500	Apt. Elev: 135 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Panama City (MPTO) Panama To Cali (SKCL) Colombia	Prior to departure: Tune Nav 1 to PML VOR (113.10). Upon take-off, turn to 119 deg and fly direct to the VOR (signal picked up within 5 min)-----				119	83.9	00+37
	Enroute: To LCE VOR/DME (112.60): Turn to 114 deg and fly direct to the VOR-----				114	91.2	00+31
	To Fix 1: Turn to 147 deg, retune Nav1 to RNG VOR (115.10), and fly directly towards the VOR. Waypoint reached over the city of Medellin, Colombia (18 nm from RNG)-----				147	116.9	00+42
	TO PEI VOR/DME (116.90): Turn to 191 deg and fly direct to the VOR-----				191	87.9	00+32
	To ULQ VOR/DME (117.70): Turn to 211 deg and fly direct to the VOR-----				211	47.2	00+17
1066-10-01	Approach: To Alfonso Bonila Aragon International Airport: Turn to 198 deg and tune ADF to PL NDB (274.0), which is located 3.1 nm N of the airport. Contact tower for instructions and land as directed-----				198	34.5	00+14
	Land Rwy: As directed	Dim: 9,890 X 148 ft	Surface: Concrete	El: 3,163 ft		462nm	02+53

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Leg 2 - Cali Columbia to Tumbes, Peru. This leg will take us through Volcano Alley in north and central Ecuador (see my previous charter, "The Volcanoes of Ecuador" if you want more of this) down to the northern coast of Peru.

From - To	Dep. Rwy: as directed	Init. Hgd: 191 deg	Init. Alt: 14,500	Apt. Elev: 3,163 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Cali (SKCL) Colombia To Tumbes (SPME) Peru	Prior to departure:						
	Tune Nav to CLO VOR (115.50) and set OBS to 191 deg. Upon take-off, fly direct to the VOR-----				191	8.6	00+04
	Enroute:						
	To MER VOR/DME (116.30): Turn to 205 deg and fly direct to the VOR-----				205	106.5	00+39
	To IPI VOR/DME (113.60): Turn to 209 deg and fly direct to the VOR-----				209	64.0	00+22
	To QMS VOR/DME (114.80): Turn to 216 deg and fly direct to the VOR-----				216	81.5	00+28
	To LTV VOR/DME (117.10): Turn to 190 deg and fly direct to the VOR-----				190	42.2	00+14
	To CUV VOR/DME (114.50): Turn to 187 deg, climb to 16,500 ft and fly directly to the VOR-----				187	116.0	00+40
	To Fix 1: Turn to 212 deg and follow the outbound radial from CUV. Tune Nav 2 to MHV VOR (112.10) and set the OBS to 267 deg. Waypoint reached with OBS centers-----				212	33.1	00+12
	To BES VOR (112.90): Turn to 255 deg, start a 700 FPM descent and fly direct towards the VOR----				255	71.5	00+28
	Approach:						
1066-10-02	To Pedro Canga Airport: Airport is next to BES VOR. Contact tower for instructions and land as directed-----					.7	00+00
	Land Rwy: As directed	Dim: 8,229 x 148	Surface: Asphalt	El: 85 ft		524nm	03+07

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Leg 3 - Tumbes to Lima, Peru. These next few flights will be nice and leisurely along the coastline of Peru. Enjoy the sun and surf!

From - To	Dep. Rwy: As directed	Init. Hgd: 167 deg	Init. Alt: 9,500	Apt. Elev: 85 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
To Tumbes (SPME) Peru To Lima (SPIM) Peru	Prior to departure: Tune Nav 1 to CLA VOR/DME (114.90). Upon take-off, turn to 167 deg and fly direct to the VOR (signal picked up with sufficient altitude)-----				167	192.8	01+16
	Special instructions in good VFR conditions: Once you reach CLA VOR, tune Nav 1 to LIM VOR (see below) and follow coastline until the signal is picked up. Contact tower for landing instructions when you are 20 nm out						
	Enroute: To BTE VOR (112.50): Turn to 149 deg, descend to 7,500 ft and fly direct to the VOR----- To SLS/DME VOR (114.70): Turn to 153 deg and fly direct to the VOR----- To LIM VOR/DME (113.80): Turn to 147 deg and fly directly towards the VOR. Contact tower for landing instructions when you are 20 nm out-----				149 153 147	165.1 140.3 50.4	01+03 00+54 00+20
	Approach: To Jorge Chavez International Airport: Airport is located at LIM VOR. Land per instructions-----				145	0.9	00+01
1066-10-03	Land Rwy: As directed	Dim: 11,548 x 148	Surface: Concrete	El: 112 ft		549nm	03+34

Leg 4 - Lima to Ilo, Peru.

From - To	Dep. Rwy: as directed	Init. Hgd: 150 deg	Init. Alt: 9,500 ft	Apt. Elev: 112 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Lima (SPIM) Peru To Ilo (SPLO) Peru	Prior to departure: Tune Nav 1 to SCO VOR/DME (114.10). Upon take-off, turn to 150 deg and fly direct to the VOR (signal picked up with sufficient altitude)-----				150	115.7	00+46
	Enroute: To SJN VOR (117.10): Turn to 143 deg and fly direct to the VOR----- To ACO NDB (202.0): Turn to 123 deg and fly outbound radial from SJN VOR until signal is picked up, then fly direct to the NDB----- To ILO NDB (295.0): Adjust course to 124 deg and fly DR (follows coastline if visible) until signal picked up, then fly direct towards the NDB-----				143 123 124	110.7 106.8 155.0	00+41 00+40 01+00
	Approach: To Ilo Airport: Field is located at ILD NDB. Land per wind conditions-----					0.2	
1066-10-04	Land Rwy: Per conditions	Dim: 8,202 x 148	Surface: Asphalt	El: 30 ft		488nm	03+07

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Leg 5 - Ilo, Peru to Copiapo, Chili.

From - To	Dep. Rwy: Per conditions	Init. Hgd: 127 deg	Init. Alt: 9,500	Apt. Elev: 030 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Ilo (SPLO) Peru To Copiapo (SCHA) Chili	Prior to departure: Tune Nav 1 to ARI VOR/DME (116.50). Upon take-off, fly direct to the VOR (signal picked up with sufficient altitude)-----				127	69.8	00+29
	Enroute: To IQQ VOR/DME (113.30): Turn to 175 deg and fly direct to the VOR-----				175	120.7	00+45
	To FAG VOR/DME (114.90): Tune to 184 deg and fly direct to the VOR-----				184	186.2	01+09
	To CLD VOR/DME (115.70): Adjust course to 182 deg and fly direct to the VOR (signal picked up in a few minutes)-----				182	220.4	01+23
	Approach: To Chamonate Airport: Turn to 114 deg, fly outbound radial from CLD VOR. Do not descend below 3,500ft until you are 16nm from CLD. Contact tower for instructions. Airport is 23.4 nm from CLD VOR-----				114	23.4	00+10
1066-10-05	Land Rwy: As directed	Dim: 5,446 x 92	Surface: Asphalt	El: 965 ft		620nm	03+54

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Leg 6 - Copiapo, Chili to Mendoza, Argentina. The "official" Pan American Highway takes a turn to the east at Santiago, Chili and crosses the South American continent to end at Buenos Aires, Argentina. This leg will take us over very high mountains between Chili and Argentina. It is not recommend in non-VFR conditions.

From - To	Dep. Rwy: As directed	Init. Hgd: 240 deg	Init. Alt: 10,500	Apt. Elev: 965 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Copiapo (SCHA) Chili To Mendoza (SAME) Argentina	Prior to departure: Tune Nav 1 to TOY VOR/DME (115.50): Upon take-off, fly course of 240 deg. Waypoint reached when you reach the coast-----				240	28.2	00+12
	Enroute: To TOY VOR/DME: Turn to 186 deg and fly direct to the VOR-----				186	169.3	01+03
	To VTN VOR/DME (113.30): Turn to 174 deg and fly direct to the VOR-----				174	147.8	00+54
	To TBN VOR/DME (113.90): Turn to 102 deg and fly direct to the VOR-----				102	34.9	00+12
	To Fix 2: Turn to 083 deg and begin climb to 16,500. Tune Nav 1 to DOZ VOR (114.90) and set OBS 1 to 083 deg. Tune Nav 2 to AMB VOR (116.10) and set OBS 2 to 030 deg. Waypoint reached when OBS 2 centers-----				083	24.7	00+09
	To Fix 3: Turn to 070 deg and reset OBS 1 to 090 deg. Waypoint reached when OBS 1 centers-----				070	30.5	00+11
	To DOZ VOR/DME: Turn to 060 deg and fly direct towards the VOR. Contact tower 30 nm from the VOR for landing instructions. -----				090	50.0	00+19
1066-10-06	Approach: To El Plumerillo airport: Field is located at DOZ VOR. Land as directed-----						
	Land Rwy: As directed	Dim: 9,316 x 177	Surface: Concrete	El: 2,310 ft		483nm	02+59

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Leg 7 -Mendoza to Buenos Aires, Argentina. This leg takes us across the vast pampas of Argentina, landing in Buenos Aires, the terminus of the "official" Pan American Highway.

From - To	Dep. Rwy: As directed	Init. Hgd: 107 deg	Init. Alt: 9,500	Apt. Elev: 2,310 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Mendoza (SAME) Argentina To Buenos Aires (SAEZ) Argentina	Prior to departure: Tune Nav 1 to RYD VOR/DME (115.70); Upon take-off, turn to 107 deg and fly direct to the VOR (signal picked up with sufficient altitude-----				107	179.4	01+10
	Enroute: To LYE VOR (116.30): Turn to 105 deg, set OBS to 103 deg (mag dev) and fly direct to the VOR-----				105	103.5	00+40
	To NIN VOR (116.10): Adjust course to 104 deg and fly direct to the VOR-----				104	122.7	00+47
	To EZE VOR/DME (116.50): Adjust course to 106 deg and fly direct towards the VOR. Contact tower for landing instructions 30 nm out from EXZE VOR-----				103	119.5	00+47
	Approach: To Ezeira International Ministro airport: Airport is located at EZE VOR. Land per instructions						
1066-10-07	Land Rwy: As directed	Dim: Various	Surface: Asphalt	El: 66 ft		525nm	03+24

Leg 8 - Buenos Aires to Viedma, Argentina. While the "official" Pan American Highway ends in Buenos Aires, there are branches that continue on, from both Buenos Aires and Santiago, Chile. We will be following the Argentinean branch to reach the southernmost tip of South America. Unfortunately, the scenery is not as spectacular as other parts of the continent, but since we've come this far, we really should continue the trip.

From - To	Dep. Rwy: As directed	Init. Hgd: 111 deg	Init. Alt: 9,500	Apt. Elev: 66 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Buenos Aires (SAEZ) Argentina To Viedma (SAVV) Argentina	Prior to departure: Tune Nav 1 to DIL VOR/DME (115.9). Upon take-off, fly direct to the VOR-----				196	147.0	00+59
	Enroute: To BCA VOR/DME (114.30): Turn to 235 deg and fly outbound radial from PTA until signal is picked up from BRA (about 45 minutes), then fly direct to BCA VOR-----				235	165.0	01+03
	To VIE VOR (117.10): Turn to 194 deg and fly direct to the VOR. Contact tower for landing instructions at you approach the VOR-----				194	134.6	00+53
	Approach: To Gobernado Castello airport: Airport is located at VIR VOR. Land as directed-----						
1066-10-08	Land Rwy: As directed	Dim: Various	Surface: Various	El: 20 ft		548nm	02+54

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Leg 9 - Viedma to Puerto Deseado, Argentina.

From - To	Dep. Rwy: as directed	Init. Hgd: deg	Init. Alt: 10,500	Apt. Elev: ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Viedma (SAVV) Argentina	Prior to departure: Tune Nav 1 to TRE VOR/DME (115.10). Upon take-off turn to 209 deg and fly direct to the VOR (signal picked up with sufficient altitude)-----				209	172.2	01+03
To	Enroute: To CRV VOR/DME (117.50): Turn to 201 deg and fly direct to the VOR-----				201	179.1	01+01
Puerto Deseado (SAWD) Argentina	To ADO NDB (210.0): Turn to 144 deg and fly outbound radial from CVR until signal is picked up, then fly direct to the NDB-----				144	132.1	00+45
	To SJU VOR (117.70): Turn to 207 deg and fly direct to the VOR-----				207	121.2	00+43
	Approach: To Cap. D Jose D Vasquez Airport: Airport is located at SJU VOR. Land per wind conditions-----					.5	00+01
1066-10-09	Land Rwy: Per conditions	Dim: 6,562 x 131	Surface: Concrete	El: 190 ft		605nm	03+33

Leg 10 - Puerto Deseado to Ushuaia, Argentina. Congratulations to all who have completed this tour of the Pan American Highway.

From - To	Dep. Rwy: Per conditions	Init. Hgd: 189 deg	Init. Alt: 9,500	Apt. Elev: 190 ft.	Course (Leg)	Distance (Leg)	ETE (Leg) HH + MM
Puerto Deseado (SAWD) Argentina	Prior to departure: Tune Nav 1 to GAL VOR/DME (116.70). Upon take-off, turn to 189 deg and fly direct to the VOR-----				189	149.9	00+58
To	Enroute: To GRA VOR/DME (117.30): Turn to 143 deg and fly directly to the VOR-----				143	142.1	00+53
Ushuaia (SAWH) Argentina	To Fix 1: Turn to 109 deg and fly outbound radial for approximately 45 min. Tune Nav 2 to PWL VOR (114.90) and set the OBS to 250 deg. Waypoint reached when you reach the islands off the extreme southeast point of land marking the end of the South American continent and the OBS centers-----				109	122.9	00+46
	To PWL VOR/DME (114.90): Turn to 244 deg and fly direct to the VOR-----				250	100.8	00+24
	Approach: To Ushuaia Intl Malvine Is airport: Contact tower for landing instructions. Airport is 23.9 nm west (268deg) of PWL VOR. Land as directed-----				268	23.9	00+10
1066-10-10	Land Rwy: Per conditions	Dim: 9,162 x 148	Surface: Concrete	El: 092 ft		540nm	03+11