



Flight Manual

Introduction

Pan American Virtual is set in a different time than today's world. The virtual airline is based on the airline's operations during the era of their greatest success, the late 1960s. The schedules at Pan American Virtual are based on the airline's August 1967 timetable, edited to ensure the time zones match those of the modern day. But because a single timetable can not truly reflect the spirit of the times, additional timetables within a ten-year range have been used to offer an accurate recreation of Pan American's operations. This Pilot Manual will alert you to several important changes to your normal operations that should be followed when flying Pan American Virtual flights.

Different City/Country Names

The following cities and countries were named differently at the time Pan American Virtual represents:

Then

Calcutta, India
Czechoslovakia
Dahomey
Dutch Guiana
Ivory Coast
Rangoon, Burma
Saigon, South Vietnam
U.S.S.R.
West Germany
Yugoslavia

Now

Kolkata, India
Czech Republic
Benin
Suriname
Côte d'Ivoire
Yangon, Myanmar
Ho Chi Minh City, Vietnam
Russia
Germany
Serbia

Different Airports

Many of the airports at the time of Pan American Virtual are no longer used today for commercial service. Please use the following airports wherever possible:

City

Airport

Comments

Bangkok	Don Muang	
Hong Kong	Kai Tak	
Jakarta	Kemayoran	not available in FS2004, use Soekarno-Hatta
Ketchikan	Annette Island	
Melbourne	Essendon	
Munich	Riem	scenery available below
Oslo	Fornebu	scenery available below

San Salvador	Ilopango	
Sao Paulo	Viracopos	now known as Campinas
Singapore	Paya Lebar	

Historic Scenery

Historic scenery is available for many of the airports Pan American Virtual serves:

[Amsterdam, Netherlands](#)

[Atlanta, GA, U.S.](#)

[Bangkok Don Muang, Thailand](#)

[Beirut, Lebanon](#)

[Berlin Tegel](#)

[Berlin Tempelhof](#)

[Calcutta, India](#)

[Cam Ranh Bay, South Vietnam](#)

[Copenhagen, Denmark](#)

[Da Nang, South Vietnam](#)

[Entebbe/Kampala, Uganda](#)

[Frankfurt Intl., West Germany](#)

[Gander, NF, Canada](#)

[Hong Kong Kai Tak](#)

[Honolulu, HI, U.S.](#)

[Karachi, Pakistan](#)

[Kinshasa, Dem. Rep. Congo](#)

[La Paz, Bolivia](#)

[Lisbon, Portugal](#)

[London Heathrow, England, U.K.](#)

[Los Angeles, CA, U.S.](#)

[Maracaibo, Venezuela](#)

[Munich Riem, West Germany](#)

[Nadi, Fiji](#)

[Oslo Fornebu, Norway](#)

[Paris Le Bourget, France](#)

[Paris Orly, France](#)

[Portland, OR, U.S.](#)

[Saigon, South Vietnam](#)

[San Francisco, CA, U.S.](#)

[Seattle/Tacoma, WA, U.S.](#)

[Shannon, Ireland](#)

[Singapore Paya Lebar](#)

[Sydney, NSW, Australia](#)

[Tehran Mehrabad, Iran](#)

[Tokyo Haneda, Japan](#)

[Wake Island](#)

Airspace Restrictions

When flying domestic German services to/from Berlin, flights must remain within the three Air Corridors ([GIF/PDF](#)), which are each twenty miles wide. In addition, altitude in the Frankfurt and Hamburg Air Corridors can not exceed 9800 ft. Flights to/from Berlin Tegel should use the Bueckeberg Air Corridor. Flights may not fly over North Vietnam, the People's Republic of China, the U.S.S.R. (except to/from Moscow Sheremetyevo), or the above noted airspace in East Germany.

Historic Voyages

Because many aircraft in our Historic Voyages did not have autopilots in them, flights may be increased up to 4x simulation rate so long as the aircraft is at cruising speed and altitude.

Credits

The following books and websites were used in the development of Pan American Virtual. Special thanks goes to Larry Archbold for his contribution of a 1963 timetable and to R.E.G. Davies for offering access to his private collections.

Pan American Virtual – Flight Manual

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- Allen, Roy. *The Pan Am Clipper: The History of Pan American's Flying-Boats, 1931 to 1946*. New York: Barnes & Noble Books, 2000.
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- Taylor, Barry. *Pan American's Ocean Clippers*. Blue Ridge Summit (Penn.): Aero, 1991.
- Turner, P. St. John. *Pictorial History of Pan American World Airways*. London: Ian Allan, 1973.

[-Airline Timetable Images](#)

[-everythingPanAm.com](#)

[-PanAmAir.org](#)

[-Pan Am Historical Foundation](#)

[-Pan Am Memorial Homepage](#)

[-Pan American World Airways History: The Clipper Heritage](#)