

# Federal Aviation Administration



## Statement of Qualification

The Federal Aviation Administration (FAA) has evaluated this Flight Simulation Training Device (FSTD) and found it to meet the standards set forth in the qualification document.

<b>Sponsor</b>	Pan Am Flight Academy
<b>FAA ID</b>	1875
<b>Aircraft Designation</b>	B-737-800
<b>Qualification Document</b>	14 CFR Part 60 (2016), Appendix B
<b>Qualification Level</b>	4
<b>Expiration Date</b>	7/31/2029

With the exception of noted exclusions for which this FSTD has not been subjectively tested, the qualification of this FSTD includes the tasks set out in the applicable qualification document. To maintain qualification, this FSTD must continue to meet all the standards and specifications of the qualification document and is subject to the conditions and limitations in the FSTD Information and Configuration List as well as the last FAA FSTD Evaluation Report. This certificate is not transferable, and unless revoked, suspended, or amended is valid until the expiration date.

Federal Aviation Administration

FSTD INFORMATION & CONFIGURATION

<b>Sponsor Name:</b>	Pan Am Flight Academy
<b>Designator:</b>	PN7X
<b>FAA ID:</b>	1875
<b>Make/Model/Series:</b>	B-737-800
<b>Evaluation Interval:</b>	36

Section 1. Sponsor   FSTD Location   Contact Information			
<b>FSTD Location</b>			
<b>Training Facility Name:</b>	Pan Am Miami		
<b>Address:</b>	5000 NW 36TH ST		
<b>City:</b>	Miami		
<b>State/Prov/Terr:</b>	FL		
<b>Country:</b>	USA		
<b>ZIP:</b>	33166		
<b>Local FAA Authority / FAA Training Program Approval Authority (TPAA)</b>			
<b>Name:</b>	Behrle, Richard		
<b>Address:</b>	2895 SW 145 AVE		
<b>City:</b>	Miramar		
<b>State/Prov/Terr:</b>	FL	<b>Office:</b>	(954) 641-6129
<b>Country:</b>	USA	<b>Cell:</b>	
<b>ZIP:</b>	33027	<b>Email:</b>	richard.behrle@faa.gov
<b>FAA Alternate POC (APM, FTPM, if applicable)</b>			
<b>Name:</b>			
<b>Address:</b>			
<b>City:</b>			
<b>State/Prov/Terr:</b>		<b>Office:</b>	
<b>Country:</b>		<b>Cell:</b>	
<b>ZIP:</b>		<b>Email:</b>	
<b>Sponsor FSTD Management Representative</b>			
<b>Name:</b>	Ansell, Arlen		
<b>Address:</b>	5000 Northwest 36th Street		
<b>City:</b>	Miami		
<b>State/Prov/Terr:</b>	FL	<b>Office:</b>	(305) 773-2803
<b>Country:</b>	USA	<b>Cell:</b>	(305) 773-2803
<b>ZIP:</b>	33166	<b>Email:</b>	aansell@panamacademy.com
<b>Sponsor FSTD Local Contact</b>			
<b>Name:</b>	Soccio, Carlos		
<b>Address:</b>	5000 NW 36th Street		
<b>City:</b>	Miami		
<b>State/Prov/Terr:</b>	FL	<b>Office:</b>	(305) 874-6581

<b>Country:</b>	USA	<b>Cell:</b>	(786) 325-4437
<b>ZIP:</b>	33122	<b>Email:</b>	csoccio@panamacademy.com

<b>Section 2. FSTD Information</b>			
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<b>A/C Common Name:</b>	BOEING B-737	<b>Manufacturer Name:</b>	Aerosim
<b>A/C Alternative Name:</b>	B-737-800	<b>Manufactured Year:</b>	2014
<b>Qualification Basis:</b>	14 CFR Part 60 (2016), Appendix B	<b>Manufacture Serial No:</b>	VPT-123013-004
<b>Qualification Level:</b>	4	<b>Sponsor's FSTD ID:</b>	B737VPT#4
<b>FSTD Class:</b>	Airplane FTD	<b>Evaluation Base Month:</b>	Apr
<b>FSTD Seats Available:</b>	3	<b>FSTD Convertible to:</b>	

<b>FSTD Configuration Information</b>	
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<b>FSTD Configuration (1):</b>	B-737-800
<b>FSTD Configuration (2):</b>	
<b>FSTD Configuration (3):</b>	
<b>FSTD Configuration (4):</b>	
<b>FSTD Configuration (5):</b>	

<b>FSTD Engine Information</b>			
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<b>Pri. Engine Type / Thrust:</b>		<b>FADEC Version:</b>	GE CFM56-7B / 27K
<b>Alt. Engine Type / Thrust:</b>		<b>FADEC Version:</b>	
<b>Alt. Engine Type / Thrust:</b>		<b>FADEC Version:</b>	
<b>Alt. Engine Type / Thrust:</b>		<b>FADEC Version:</b>	

<b>Flight Instrumentation &amp; Systems</b>	
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<input type="checkbox"/> NVG	<input type="checkbox"/> Other:
<input type="checkbox"/> CPDLC	<input type="checkbox"/> Other:
<input type="checkbox"/> EFB Class:	<input type="checkbox"/> Other:

<b>Data Sources &amp; Models</b>	
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<b>Flight Control Data: Model/Revision:</b>	
<b>Aero Model: Source/Model/Revision:</b>	

<b>Visual System</b>			
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<b>Image Generator Make/Model:</b>			
<b>Display Type:</b>	Cross Ckpt, Collimated	<b>Visual Projector Type:</b>	CRT
<b>Horizontal Field of View (degs):</b>	0	<b>Vertical Field of View (degs):</b>	0

Avionics			
Manufacturer			
Model			
Standard/Revision			

Flight Management System			
Manufacturer:	GE		
Model:	U13.0		
Type/Revision:			

Motion System	
Manufacturer:	
Type:	
Axis:	0

Airport Qualification Models	
1: Airport / Runways / Taxiway:	
2: Airport / Runways / Taxiway	
3: Airport / Runways / Taxiway	

Visual Ground Segment	
Airport / Landing RW	

Helicopter Non-Airport Landing Areas	
Elevated Surface:	
Confined Landing Area:	
Sloped Surface	

Other National Aviation Authority Qualifications (US-NAA BASA-SIPs Agreements Only)			
NAA Name:			
NAA FSTD ID No:			
NAA Qualification Level:			
NAA Qualification Basis:			

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**FSTD INFORMATION & CONFIGURATION**

<b>Sponsor Name:</b>	Pan Am Flight Academy
<b>Designator:</b>	PN7X
<b>FAA ID:</b>	1875
<b>Make/Model/Series:</b>	B-737-800
<b>Evaluation Interval:</b>	36

Except for Non-Qualified items, this FSTD is qualified to perform all maneuvers, procedures, tasks, and functions listed in the applicable QPS Appendix, Tables 1B and 1C of 14 CFR Part 60 as amended. Additionally, this FSTD is qualified to perform maneuvers, procedures, tasks, and functions annotated in sections 3a, 3b, or 3c. Specific use in conjunction with any training program must be approved by the FAA Training Program Approval Authority (TPAA).

<b>Section 3a. Level 6 and Above FSTD Additional FSTD Qualified Maneuvers, Procedures, Tasks, and Functions</b> (not stated in 14CFR Part 60 Appendix (A,B,C, or D) Attachment 1, Table 1B)			
<b>Area/Function/Maneuver</b>	<b>Requested (Sponsor Use)</b>	<b>Qualified (FAA Use Only)</b>	<b>Remarks (Include Partial Task Limitations if Applicable)</b>
CAT I (Minimums IAW sponsor/operator authorization)	<input type="checkbox"/>	<input type="checkbox"/>	
CAT II (Minimums IAW sponsor/operator authorization)	<input type="checkbox"/>	<input type="checkbox"/>	
CAT III (Minimums IAW sponsor/operator authorization)	<input type="checkbox"/>	<input type="checkbox"/>	
Circling Approach	<input type="checkbox"/>	<input type="checkbox"/>	
Windshear Training	<input type="checkbox"/>	<input type="checkbox"/>	
Auto-Coupled Approach	<input type="checkbox"/>	<input type="checkbox"/>	
Auto Go Around	<input type="checkbox"/>	<input type="checkbox"/>	
Auto-Land / Roll-Out Guidance	<input type="checkbox"/>	<input type="checkbox"/>	
TCAS/ACAS I / II	<input type="checkbox"/>	<input type="checkbox"/>	
WX-Radar	<input type="checkbox"/>	<input type="checkbox"/>	
HUD / HGS	<input type="checkbox"/>	<input type="checkbox"/>	
EFVS / SVS	<input type="checkbox"/>	<input type="checkbox"/>	
TAWS (GPWS / EGPWS)	<input type="checkbox"/>	<input type="checkbox"/>	
SMGCS	<input type="checkbox"/>	<input type="checkbox"/>	
Enhanced Taxi Markings	<input type="checkbox"/>	<input type="checkbox"/>	
RWSL / LAHSO	<input type="checkbox"/>	<input type="checkbox"/>	
LPV GPS WAAS <input type="checkbox"/> LPV <input type="checkbox"/> GPS <input type="checkbox"/> WAAS	<input type="checkbox"/>	<input type="checkbox"/>	
RNP/AR	<input type="checkbox"/>	<input type="checkbox"/>	
ADS-B In	<input type="checkbox"/>	<input type="checkbox"/>	
Full Stall (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
UPRT (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Icing (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Realistic Gusting Crosswind (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Bounced Landing (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Section 3b. Level 6 and Above FSTD Additional Helicopter FSTD Qualified Maneuvers, Procedures, Tasks, and Functions</b> (not stated in 14CFR Part 60 Appendix (C or D) Attachment 1, Table 1B)			
<b>Area/Function/Maneuver</b>	<b>Requested (Sponsor Use)</b>	<b>Qualified (FAA Use Only)</b>	<b>Remarks (Include Partial Task Limitations if Applicable)</b>
Helicopter Slope Landings	<input type="checkbox"/>	<input type="checkbox"/>	
Helicopter External Load Operations	<input type="checkbox"/>	<input type="checkbox"/>	
Helicopter Pinnacle Approach to Landings	<input type="checkbox"/>	<input type="checkbox"/>	
Helicopter Night Vision Maneuvers Class A <input type="checkbox"/> , Class B Lens <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Helicopter Category A Takeoffs	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Section 3c. Level 4 &amp; 5 FSTD Optionally Qualified Maneuvers, Procedures, Tasks, and Functions</b> (as defined in Table B1B and D1B)			
<b>Area/Function/Maneuver</b>	<b>Requested (Sponsor Use)</b>	<b>Qualified (FAA Use Only)</b>	<b>Remarks (Include Partial Task Limitations if Applicable)</b>
<b>Preflight Procedures</b>			
Preflight Inspection (flight deck only).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Engine Start	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Pre-takeoff Checks.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>In-Flight Maneuvers</b>			
Approach to Stalls	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Engine Failure (procedures only)	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Specific Flight Characteristics incorporated into user's approved flight training program	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Instrument Procedures</b>			
Standard Terminal Arrival / Flight Management System Arrival	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Holding	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Precision Instrument, all engines operating	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Non-Precision Instrument, all engines operating	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Missed Approach	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
<b>Landings and Approaches to Landings</b>			
Visual Approaches (normal, steep, shallow) with visual system	<input type="checkbox"/>	<input type="checkbox"/>	(Helicopter Only)
<b>Normal and Abnormal Procedures</b>			

Powerplant	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Fuel System.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Electrical System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Environmental and Pressurization Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Fire Detection and Extinguisher Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Navigation and Avionics Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Automatic Flight Control System, Electronic Flight Instrument System, and Related Subsystems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Flight Control Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Anti-ice and Deice Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Aircraft and Personal Emergency Equipment	<input type="checkbox"/>	<input type="checkbox"/>	
Emergency Procedures			
Emergency Descent (Max Rate)	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Inflight fire and smoke removal	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Rapid Decompression	<input type="checkbox"/>	<input type="checkbox"/>	(Level 5 Only)
Emergency Evacuation	<input type="checkbox"/>	<input type="checkbox"/>	
Post flight Procedures			
After-Landing Procedures	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rotor brake operation.	<input type="checkbox"/>	<input type="checkbox"/>	(Helicopter Only)
Abnormal/emergency procedures	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Other			
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

Narrative

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