

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.

Sponsor	Pan Am Flight Academy
FAA ID	1104
Aircraft Designation	B-737-800
Qualification Document	14 CFR Part 60 (2008), Appendix A
Qualification Level	D
Expiration Date	11/30/2027

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

Sponsor Name:	Pan Am Flight Academy
Designator:	PN7X
FAA ID:	1104
Make/Model/Series:	B-737-800
Evaluation Interval:	12

Section 1. Sponsor | FSTD Location | Contact Information

FSTD Location

Training Facility Name:	Pan Am Hialeah
Address:	1125 SE 8th Street, Suite 100
City:	Hialeah
State/Prov/Terr:	FL
Country:	USA
ZIP:	33010

Local FAA Authority / FAA Training Program Approval Authority (TPAA)

Name:	Behrle, Richard		
Address:	2895 SW 145 AVE		
City:	Miramar		
State/Prov/Terr:	FL	Office:	(954) 641-6129
Country:	USA	Cell:	
ZIP:	33027	Email:	richard.behrle@faa.gov

FAA Alternate POC (APM, FTPM, if applicable)

Name:	Guest, David Lee		
Address:	2895 SW 145 AVE, Suite 120		
City:	Miramar		
State/Prov/Terr:	FL	Office:	954 641 6175
Country:	USA	Cell:	954-758-0065
ZIP:	33027	Email:	David.L.Guest@faa.gov

Sponsor FSTD Management Representative

Name:	Ansell, Arlen		
Address:	5000 Northwest 36th Street		
City:	Miami		
State/Prov/Terr:	FL	Office:	(305) 773-2803
Country:	USA	Cell:	(305) 773-2803
ZIP:	33166	Email:	aansell@panamacademy.com

Sponsor FSTD Local Contact

Name:	Soccio, Carlos		
Address:	5000 NW 36th Street		
City:	Miami		
State/Prov/Terr:	FL	Office:	(305) 874-6581

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

Section 2. FSTD Information			
A/C Common Name:	BOEING B-737	Manufacturer Name:	CAECFT
A/C Alternative Name:	B-737-800	Manufactured Year:	2009
Qualification Basis:	14 CFR Part 60 (2008), Appendix A	Manufacture Serial No:	SM SBV 06/02
Qualification Level:	D	Sponsor's FSTD ID:	B737#25
FSTD Class:	Airplane FFS	Evaluation Base Month:	Aug
FSTD Seats Available:	6	FSTD Convertible to:	
FSTD Configuration Information			
FSTD Configuration (1):	B-737-800		
FSTD Configuration (2):			
FSTD Configuration (3):			
FSTD Configuration (4):			
FSTD Configuration (5):			
FSTD Engine Information			
Pri. Engine Type / Thrust:	GE CFM56-7B / 27K	FADEC Version:	
Alt. Engine Type / Thrust:	GE CFM56-7B / 26K	FADEC Version:	
Alt. Engine Type / Thrust:		FADEC Version:	
Alt. Engine Type / Thrust:		FADEC Version:	
Flight Instrumentation & Systems			
☐ NVG	☐ Other:		
☐ CPDLC	☐ Other:		
☐ EFB Class:	☐ Other:		
Data Sources & Models			
Flight Control Data: Model/Revision:	D6-11A001 Rev M		
Aero Model: Source/Model/Revision:	D6-11A001 Rev M		
Visual System			
Image Generator Make/Model:	Rockwell Collins EP1000 CT		
Display Type:	Cross Ckpt, Collimated	Visual Projector Type:	LCoS/LED/DLP
Horizontal Field of View (deg):	200	Vertical Field of View (deg):	40

Avionics			
Manufacturer	Honeywell		
Model	CDS Blockpoint 2006		
Standard/Revision			

Flight Management System			
Manufacturer:	GE Aviation		
Model:	U10.8a Dual FMC		
Type/Revision:			

Motion System	
Manufacturer:	Moog FCS 660-14000
Type:	Electric
Axis:	6

Airport Qualification Models	
1: Airport / Runways / Taxiway:	KJFK / ALL
2: Airport / Runways / Taxiway	KMCO / ALL
3: Airport / Runways / Taxiway	KMIA / ALL

Visual Ground Segment	
Airport / Landing RW	KJFK / 04R

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:	TC		
NAA FSTD ID No:	620		
NAA Qualification Level:	D		
NAA Qualification Basis:	14CFRPart60(2008)		

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FSTD INFORMATION & CONFIGURATION

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Designator:	PN7X
FAA ID:	1104
Make/Model/Series:	B-737-800
Evaluation Interval:	12

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).

Section 3a. Level 6 and Above FSTD Additional FSTD Qualified Maneuvers, Procedures, Tasks, and Functions (not stated in 14CFR Part 60 Appendix (A,B,C, or D) Attachment 1, Table 1B)			
Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Include Partial Task Limitations if Applicable)
CAT I (Minimums IAW sponsor/operator authorization)	☒	☒	
CAT II (Minimums IAW sponsor/operator authorization)	☒	☒	
CAT III (Minimums IAW sponsor/operator authorization)	☒	☒	
Circling Approach	☒	☒	KJFK Rwy. 4R, circle 31R
Windshear Training	☒	☒	
Auto-Coupled Approach	☒	☒	
Auto Go Around	☒	☒	
Auto-Land / Roll-Out Guidance	☒	☒	No Rollout Guidance
TCAS/ACAS I / II 7.0	☒	☒	
WX-Radar	☒	☒	
HUD / HGS	☐	☐	
EFVS / SVS	☐	☐	
TAWS (GPWS / EGPWS)	☒	☒	EGPWS
SMGCS	☒	☒	KSEA, Gate B5, Taxiway W to Spot 77, Taxiway B to Taxiway C, Runway 16L
Enhanced Taxi Markings	☒	☒	
RWSL / LAHSO	☒	☒	KMCO, RWSL Only
LPV GPS WAAS ☐ LPV ☒ GPS ☐ WAAS	☒	☒	
RNP/AR	☒	☒	
ADS-B In	☐	☐	
Full Stall (14CFR Part 60 (2016)/FSTD Directive 2)	☒	☒	
UPRT (14CFR Part 60 (2016)/FSTD Directive 2)	☒	☒	
Icing (14CFR Part 60 (2016)/FSTD Directive 2)	☒	☒	
Realistic Gusting Crosswind (14CFR Part 60 (2016)/FSTD Directive 2)	☒	☒	
Bounced Landing (14CFR Part 60 (2016)/FSTD Directive 2)	☒	☒	
Other	☐	☐	

Other	☐	☐	
Other	☐	☐	
Other	☐	☐	

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

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

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

Narrative
