

Federal Aviation Administration National Simulator Program



Statement of Qualification

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

Sponsor	
FAA ID	
Aircraft Designation	
Qualification Document	
Qualification Level	
Expiration Date	

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
National Simulator Program

FSTD INFORMATION & CONFIGURATION

Sponsor Name:	Pan Am Flight Academy
Designator:	PN7X
FAA ID:	282
Make/Model/Series:	B-737-300
Evaluation Interval:	24

Section 1. Sponsor FSTD Location Contact Information			
FSTD Location			
Training Facility Name:	Pan Am Miami		
Address:	5000 NW 36TH ST		
City:	Miami		
State/Prov/Terr:	FL		
Country:	USA		
ZIP:	33166		
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:	CAE
A/C Alternative Name:	B-737-300	Manufactured Year:	1989
Qualification Basis:	120-40B	Manufacture Serial No:	2HK8
Qualification Level:	D	Sponsor's FSTD ID:	B737#29
FSTD Class:	Airplane FFS	Evaluation Base Month:	Aug
FSTD Seats Available:	5	FSTD Convertible to:	
FSTD Configuration Information			
FSTD Configuration (1):	B-737-300		
FSTD Configuration (2):			
FSTD Configuration (3):			
FSTD Configuration (4):			
FSTD Configuration (5):			
FSTD Engine Information			
Pri. Engine Type / Thrust:	GE CFM56-3-B1/ 20K	FADEC Version:	
Alt. Engine Type / Thrust:	GE CFM56-3-B1/ 22K	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:	D6-37908 Rev B		
Aero Model: Source/Model/Revision:	D6-37908 Rev D		
Visual System			
Image Generator Make/Model:	RSI XT5		
Display Type:	Cross Ckpt, Collimated	Visual Projector Type:	LCoS/LED/DLP
Horizontal Field of View (degs):	120	Vertical Field of View (degs):	40

Avionics			
Manufacturer	Coillins		
Model	EFIS		
Standard/Revision			

Flight Management System			
Manufacturer:	GE Aviation		
Model:	U10.8A		
Type/Revision:			

Motion System	
Manufacturer:	CAE
Type:	Hydraulic
Axis:	6

Airport Qualification Models	
1: Airport / Runways / Taxiway:	KJFK / ALL
2: Airport / Runways / Taxiway	KMIA / ALL
3: Airport / Runways / Taxiway	KMCO / 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:	504		
NAA Qualification Level:	D		
NAA Qualification Basis:	AC 120-40B		

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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	☒	☒	
Windshear Training	☒	☒	
Auto-Coupled Approach	☒	☒	
Auto Go Around	☒	☒	
Auto-Land / Roll-Out Guidance	☒	☒	No Roll Out Guidance
TCAS/ACAS I / II 7.0	☒	☒	
WX-Radar	☒	☒	RDR-4B w/PWS
HUD / HGS	☐	☐	
EFVS / SVS	☐	☐	
TAWS (GPWS / EGPWS)	☒	☒	EGPWS
SMGCS	☒	☒	
Enhanced Taxi Markings	☒	☒	
RWSL / LAHSO	☒	☒	
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
