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	Pan Am Flight Academy
FAA ID	1322
Aircraft Designation	B-747-400
Qualification Document	14 CFR Part 60 (2008), Appendix A
Qualification Level	D
Expiration Date	8/31/2024

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
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FSTD INFORMATION & CONFIGURATION

Sponsor Name:	Pan Am Flight Academy
Designator:	PN7X
FAA ID:	1322
Make/Model/Series:	B-747-400
Evaluation Interval:	12

Section 1. Sponsor | FSTD Location | Contact Information

FSTD Location

Training FacilityName:	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:			
Address:			
City:			
State/Prov/Terr:		**Office:**	
Country:		**Cell:**	
ZIP:		**Email:**	

Sponsor FSTD Management Representative

Name:	Ansell, Arlen		
Address:	5600 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:	5600 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

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Section 2. FSTD Information

A/C Common Name:	BOEING B-747	**Manufacturer Name:**	Rediffusion
A/C Alternative Name:	B-747-400	**Manufactured Year:**	1991
Qualification Basis:	14 CFR Part 60 (2008), Appendix A	**Manufacture Serial No:**	5310
Qualification Level:	D	**Sponsor's FSTD ID:**	B744#1
FSTD Class:	Airplane FFS	**Evaluation Base Month:**	May
FSTD Seats Available:	5	**FSTD Convertible to:**	| | |

FSTD Configuration Information

FSTD Configuration (1):	B-747-400
FSTD Configuration (2):	
FSTD Configuration (3):	
FSTD Configuration (4):	
FSTD Configuration (5):	

FSTD Engine Information

Pri. Engine Type / Thrust:	CF6-80C2B1F	**FADEC Version:**	
Alt. Engine Type / Thrust:		**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:	D611U316 Rev G
Aero Model: Source/Model/Revision:	D611U309 Revision G

Visual System

Image Generator Make/Model:	RSI / XT4		
Display Type:	Cross Ckpt, Collimated	**Visual Projector Type:**	LCoS/LED/DLP
Horizontal Field of View (degs):	200	**Vertical Field of View (degs):**	40

Avionics

Manufacturer	Collins/Honeywell		
Model			
Standard/Revision			

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Flight Management System

Manufacturer:	Honeywell		
Model:			
Type/Revision:			

Motion System

Manufacturer:	TTSLCosMos
Type:	Hydraulic
Axis:	6

Airport Qualification Models

1: Airport / Runways / Taxiway:	KJFK / All
2: Airport / Runways / Taxiway	KMIA / All
3: Airport / Runways / Taxiway	KSEA / 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:			
NAA FSTD ID No:			
NAA Qualification Level:			
NAA Qualification Basis:			

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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	☑	☑	
TCAS/ACAS I / II 7.0	☑	☑	
WX-Radar	☑	☑	
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	☐	☐	

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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	☐	☐	

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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	☐	☐	

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Narrative