

# **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		Sponsor N	ame: Pan Am	Flight Academy	
		Designator	: PN7X		
		FAAID:	1322		
FSTD INFORMATION & CONFIGURATION		Make/Mode	el/Series: B-747-400		
		Evaluation	Interval: 12		
	s	ction 1. Sponsor   FSTD Locat	ion   Contact Information		
FSTD Location					
Training FacilityName:	Pan A	Pan Am Mami			
Address:	5000 N	5000 NW 36TH ST			
City.	MIAMI	MIAMI			
State/Prov/Terr:	FL	FL			
Country:	USA	USA			
ZIP:	33166	33166			
Local FAA Authority/ FAA Training Program Ap	proval Authority(TPAA)				
Name:	Behrle	Behrle, Richard			
Address:	2895 S	2895 SW 145 AVE			
City.	MIRAN	MIRAMAR			
State/Prov/Terr:		FL <b>Office:</b> (954) 641-6129			

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Country:

FAA Alternate POC (APM, FTPM, if applicable)

Sponsor FSTD Management Representative

ZIP:

Name: Address: City:

State/Prov/Terr:

Country: ZIP:

Name:

City:

Address:

Country: ZIP:

Name: Address:

City:

Country:

ZIP:

State/Prov/Terr:

State/Prov/Terr:

Sponsor FSTD Local Contact

Federal Aviation Administration	Sponsor Name:	Pan Am Flight Academy
National Simulator Program	Designator:	PN7X
	FAA ID:	1322
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	Evaluation Interval:	12
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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:	111	
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:		Cther:		
Data Sources & Models				
Flight Control Data: Model/Revision:	D611U316 RevG			
Aero Model: Source/Model/Revision:	D611U309 Revision G			
Visual System				
Image Generator Make/Model:	RSI/XT4			
DisplayType:	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/AI	
2: Airport / Runways / Taxiway	KMIA/AI	
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 AuthorityQualifications (US-NAA BASA-SIPs Agreements Only)		

NAA Name:	
NAA FSTD ID No:	
NAA Qualification Level:	
NAA Qualification Basis:	

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Except for <u>Non-Qualified</u> 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. <u>Specific use in conjunction with any training programmust be approved by the FAA Training Program Approval Authority (TPAA).</u>

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			

## FSTD INFORMATION & CONFIGURATION

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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				

FSTD INFORMATION & CONFIGURATION

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Americanizational measurement     Response of the partial measurement and the partis measurement and the partial measurement and the p	Section 3c. Level 4 & 5 FSTD Optionally Qualified Maneuvers, Procedures, Tasks, and Functions (as defined in Table B1B and D1B)				
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In-Fight Manuares     Image: Control of C	Engine Start				
Aproach is Salls     Image of a paint of	Pre-takeoff Checks.				
Bigne Failure (procedure only)	In-Flight Maneuvers		i		
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Image: Approach     Image: Control Sector S	Precision Instrument, all engines operating			(Level 5 Only)	
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Environmental and Pressurization Systems     Image: Control Systems       Fire Detection and Edinguisher Systems     Image: Control System Systems       Navigation and Advords Systems     Image: Control System Systems       Autoratic Flight Control System Bectoric Flight Instrument System and Related Subsystems     Image: Control System Systems       Hight Control System Systems     Image: Control System Systems     Image: Control System Systems       Autoratic Flight Control Systems     Image: Control Systems     Image: Control System Systems       Autoratic Flight Control Systems     Image: Control Systems     Image: Control Systems       Autoratic Flight Control Systems     Image: Control Systems     Image: Control Systems       Autoratic Flight Control Systems     Image: Control Systems     Image: Control Systems       Autoratic Flight Control Systems     Image: Control Systems     Image: Control Systems       Arear and Decounties     Image: Control Systems     Image: Control Systems       Emergency Decount res     Image: Control System Systems     Image: Control System Systems       Rot Interpreter Decount res     Image: Control Systems     Image: Control Systems       Rot Interpreter Decount res     Image: Control Systems     Image: Contres       Rot Interpreter De	Fuel System				
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Automatic Flight Control System Bechronic Flight Instrument System and Related Subsystems.     Image: Control System Bechronic Flight Instrument System and Related Subsystems.       Flight Control Systems     Image: Control Systems     Image: Control Systems       Automatic Flight Control Systems     Image: Control Systems     Image: Control Systems       Artraice and Delose Systems     Image: Control Systems     Image: Control Systems       Emergency Procedures     Image: Control System C	Fire Detection and Extinguisher Systems				
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Flight Control Systems   I   I     Anti-ice and Deice Systems   I   I     Artraft and Personel EmergencyEquipment   I   I     EmergencyDecedures   I   I     EmergencyDescent (MaxRate)   I   I     Infight fire and smole removel   I   I     Rajd Decompression   I   I     EmergencyExecution   I   I     Post flight Procedures   I   I     After-Landing Procedures   I   I     Roth trake operation   I   I     Other   I   I   I     Other   I   I   I     Other   I   I   I     Other   I   I   I	Automatic Flight Control System, Electronic Flight Instrument System, and Related Subsystems.				
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Emergency/Procedures     Image: Control of the control of th	Anti-ice and Deice Systems				
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Rapid Decompression   I   I   (Level 5 Only)     Emergency Evacuation   I   I   I     Post flight Procedures   I   I   I     After-Landing Procedures   I   I   I     Rotor brake operation.   I   I   I     Abnormal/emergency procedures   I   I   I     Other   I   I   I   I	Inflight fire and smoke removal				
Emergency Evacuation   Image: Constraint of the second o	Rapid Decompression				
After-Landing Procedures   Image: Control of the sector brake operation.   Image: Control of the sector of the se	Emergency Evacuation				
Rotor brake operation. Image: Constraint of the second o	Post flight Procedures	I	<u> </u>		
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## FSTD INFORMATION & CONFIGURATION

Narrative

Sponsor Name:	Pan Am Flight Academy		
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