

# 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.

<b>Sponsor</b>	
<b>FAA ID</b>	
<b>Make, Model, Series</b>	
<b>Qualification Document</b>	
<b>Qualification Level</b>	
<b>Expiration Date</b>	

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.

<b>Federal Aviation Administration</b> <b>National Simulator Program</b> <b>FSTD Information Form</b>	<b>Sponsor: Pan Am International Flight Academy</b>	
	<b>FSTD ID:</b>	<b>640</b>
	<b>Aircraft Type:</b>	<b>A320-200</b>

Email Form to: [9-ASO-AFS205-NSP-SIMULATOR-SCHEDULING@faa.gov](mailto:9-ASO-AFS205-NSP-SIMULATOR-SCHEDULING@faa.gov)

Sponsor Submission Date: 12/04/2018			
<b>Section 1. FSTD Sponsor Information</b>			
<b>Sponsor Name:</b>	<u>Pan Am International Flight Academy</u>	<b>FSTD Location:</b>	
<b>Address:</b>	<u>5000 NW 36<sup>th</sup> Street</u>	<b>Physical Address:</b>	<u>5000 NW 36<sup>th</sup> Street</u>
<b>City:</b>	<u>Miami</u>	<b>City:</b>	<u>Miami</u>
<b>State/Prov/Terr:</b>	<u>Florida</u>	<b>State:</b>	<u>Florida</u>
<b>Country:</b>	<u>USA</u>	<b>Country:</b>	<u>USA</u>
<b>ZIP:</b>	<u>33122</u>	<b>ZIP:</b>	<u>33122</u>
<b>Sponsor ID No:</b> (FAA Certificate Number)	<u>PN7X</u>	<b>Nearest Airport:</b> (Apt Code)	<u>MIA</u>
<b>Local FAA Authority: FAA Training Program Approval Authority: (TPAA)</b>			
<b>Name:</b>	Richard Behrle		
<b>Address:</b>	2895 SW 145 AVE, Suite 120	<b>Office Phone</b>	954 641 6129
<b>City:</b>	Miramar	<b>Cell:</b>	
<b>State:</b>	<b>Florida</b>	<b>Fax:</b>	
<b>ZIP:</b>	33027	<b>Email:</b>	<u>richard.behrle@faa.gov</u>
<b>FAA Alternate POC (APM, FTPM, if required)</b>			
<b>Name:</b>			
<b>Address :</b>		<b>Office Phone</b>	
<b>City/State:</b>		<b>Cell:</b>	
<b>State:</b>		<b>Fax:</b>	
<b>ZIP:</b>		<b>Email:</b>	
<b>FSTD Management Representative::</b>			
<b>Name:</b>	Arlen Ansell		
<b>Address 1:</b>	5000 NW 36 <sup>th</sup> Street	<b>Office Phone</b>	305 874-6592
<b>City/State:</b>	Miami	<b>Cell:</b>	305 773 2803
<b>State:</b>	Florida	<b>Fax:</b>	305 874 6536
<b>ZIP:</b>	33122	<b>Email:</b>	<u>aansell@panamacademy.com</u>
<b>FSTD Contact:</b>			
<b>Name:</b>	Carlos Soccio		
<b>Address 1:</b>	5000 NW 36 <sup>th</sup> Street	<b>Office Phone</b>	305 874 6581
<b>City/State:</b>	Miami	<b>Cell:</b>	786 325 4437
<b>State:</b>	Florida	<b>Fax:</b>	305 874 6536
<b>ZIP:</b>	33122	<b>Email:</b>	<u>csoccio@panamacademy.com</u>

<b>Federal Aviation Administration</b> <b>National Simulator Program</b> <b>FSTD Information Form</b>	<b>Sponsor: Pan Am International Flight Academy</b>	
	<b>FSTD ID:</b>	<b>640</b>
	<b>Aircraft Type:</b>	<b>A320-200</b>

**Section 2. FSTD Information**

<b>Aircraft make/model/series:</b>	Airbus A320-214	<b>A/C Common Name:</b>	A320
<b>Qualification Basis:</b>	AC120-40B	<b>Manufacture Serial No.:</b>	S21
<b>Qualification Level:</b>	D		
<b>Base Month: December</b>	<input checked="" type="checkbox"/> Full Flight Simulator (FFS) <input type="checkbox"/> Flight Training Device (FTD)	<b>Sponsor's FSTD ID:</b>	A320#9

**National Aviation Authority Qualification (For BASA-SIP Evaluations only):**

<b>NAA Name:</b>	
<b>NAA FSTD ID No:</b>	
<b>NAA Qualification Level:</b>	
<b>NAA Qualification Basis:</b>	

**Technical Information:**

<b>FAA FSTD ID No:</b> 640 (If Applicable)	<b>Convertible FSTD:</b> <input type="checkbox"/> Yes	<b>FSTD Manufacturer:</b>	Reflectone, Inc.
<input type="checkbox"/> eMQTG	<b>Conv. FAA FSTD ID No.</b>	<b>Date of Manufacture:</b>	1998

<b>FSTD Configurations:</b>	
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<b>Pri. Engine Type/Thrust:</b>	IAE V2527-A5 / 27,000#	<b>FADEC Version</b>	SCN 16 5.B.I
<b>Alt. Engine Type/Thrust:</b>	CFM56-5B4 / 27,000#		
<b>Alt. Engine Type/Thrust:</b>	/		
<b>Alt. Engine Type/Thrust:</b>			

<b>Flight Instrumentation/Systems:</b>	<input checked="" type="checkbox"/> EFIS <input type="checkbox"/> HUD/HGS <input type="checkbox"/> EVS <input checked="" type="checkbox"/> WX Radar <input type="checkbox"/> NVG <input checked="" type="checkbox"/> GPS <input checked="" type="checkbox"/> GPWS <input checked="" type="checkbox"/> FMS <input checked="" type="checkbox"/> TCAS Ver: 7.0 <input type="checkbox"/> CPDLC <input type="checkbox"/> EFB Class: <input type="checkbox"/> Other:
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<b>FSTD seats available:</b> 5	<b>Ft. control data revision:</b> Thales 3945128102
<b>FSTD host computer:</b> Motorola Power PC	<b>Aero model/data:</b> GO 5/DO500301
<b>Visual image generator:</b> ESIG 3350 3 channels	<b>Avionics Type/Suite:</b> A320 Full Std
<b>Visual system display:</b> 180x40 degrees WIDE	<b>Avionics Std/Rev:</b> 1.3.1
<b>Visual projector:</b> 3x ESCP 2000	<b>FMS:</b> Honeywell Pegasus FMS2
	<b>Motion system:</b> Reflectone / Hydraulic/ 6 axis

**Airport Qualification Models**      If illustrations or other presentations are attached please specify:

<b>Airport Qualification Model 1 / Available In-Use Runways /Taxiway:</b>	KJFK / 04R, 31R, 13L /		
<b>Airport Qualification Model 2 / Available In-Use Runways /Taxiway:</b>	KMIA / 08R,26L,12 /		
<b>Airport Qualification Model 3 / Available In-Use Runways / Taxiway:</b>	KIAD / 01R,01C /		
<b>Visual Ground Segment:</b>	KIAD Airport Designator	01R Landing Runway	

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**Section 3a. Level 6 and Above--Additional FSTD Qualified Maneuvers, Procedures, Tasks, and Functions (For Level 4 and 5 see Section 3c below)**  
(not stated in 14CFR Part 60 Appendix (A,B,C, or D) Attachment 1, Table 1B)

Except for Non-Qualified items stated in section 4 below, 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 below. Specific use of this device in conjunction with any training program must be approved by the FAA Training Program Approval Authority (TPAA).

**FAA Qualifying Official(s):** LaCour

Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Including Partial Task Limitations)
<b>CAT I:</b> (Minimums in accordance with sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>CAT II:</b> (Minimums in accordance with sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>CAT III:</b> (Minimums in accordance with sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Circling Approach : KJFK/Appr 4R/Ldg 31R</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Windshear Training:</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Auto-coupled Approach</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Auto Go Around</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Auto-land / Roll Out Guidance</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>TCAS/ACAS I / II</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Version 7.0
<b>WX-Radar</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>HUD / HGS</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>EFVS</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>TAWS (GPWS / EGPWS)</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EGPWS
<b>SMGCS:</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Enhanced Taxi Markings:</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>RWSL/LAHSO</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> LPV <input checked="" type="checkbox"/> GPS <input type="checkbox"/> WAAS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>RNP/AR</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ADS-B</b> <input type="checkbox"/> In	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Full Stall</b> (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
<b>UPRT</b> (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Icing</b> (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Realistic Gusting Crosswind</b> (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Bounced Landing</b> (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	



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**Section 3b. 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 (Including Partial Task Limitations)
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 Evaluated with Class A Lens <input type="checkbox"/> Class B Lens <input type="checkbox"/> NVG Confined Area Location:	<input type="checkbox"/>	<input type="checkbox"/>	
Helicopter Category A Takeoffs	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	

**Section 3c. Level 4 & 5 FSTD Only --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 (Including Partial Task Limitations)
<b>Preflight Procedures</b>			
Preflight Inspection (flight deck only).	<input type="checkbox"/>	<input type="checkbox"/>	
Engine Start	<input type="checkbox"/>	<input type="checkbox"/>	
Pre-takeoff Checks.	<input type="checkbox"/>	<input 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 the 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"/>	Level 5 Helicopter
<b>Normal and Abnormal Procedures</b>			
Powerplant	<input type="checkbox"/>	<input type="checkbox"/>	

NSP Form T001A: 2/20/2018

OMB Control Number 2120-0680: Expiration Date 7/31/2016

Completion of this letter is voluntary. You are not required to respond or use this template unless it displays a currently valid OMB control number.

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Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Including Partial Task Limitations)
Fuel System.	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical System.	<input type="checkbox"/>	<input type="checkbox"/>	
Environmental and Pressurization Systems	<input type="checkbox"/>	<input type="checkbox"/>	
Fire Detection and Extinguisher Systems	<input type="checkbox"/>	<input type="checkbox"/>	
Navigation and Avionics Systems	<input type="checkbox"/>	<input type="checkbox"/>	
Automatic Flight Control System, Electronic Flight Instrument System, and Related Subsystems.	<input type="checkbox"/>	<input type="checkbox"/>	
Flight Control Systems	<input type="checkbox"/>	<input type="checkbox"/>	
Anti-ice and Deice Systems	<input type="checkbox"/>	<input type="checkbox"/>	
Aircraft and Personal Emergency Equipment	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Emergency Procedures</b>			
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"/>	
<b>Post flight Procedures.</b>			
After-Landing Procedures	<input type="checkbox"/>	<input type="checkbox"/>	
Rotor brake operation.	<input type="checkbox"/>	<input type="checkbox"/>	Helicopter only
Abnormal/emergency procedures	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	



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**Section 4. Non Qualified Tasks**

FSTD users should also observe any Non-Qualified Tasks or Missing, Malfunctioning, or Inoperative (MMI) Components noted on the most recent FAA evaluation report or in the Sponsor discrepancy log that may or may not result in a training, testing, or checking restriction.

Maneuvers, Procedures, Tasks, and Functions for which this FSTD is  
NOT Qualified

Area/Function/Maneuver	Remarks
1.	
2.	
3.	
4.	
5.	
6.	

