

Federal Aviation Administration National Simulator Program



Statement of Qualification

The Federal Aviation Administration (FAA)
National Simulator Program has evaluated the Flight Simulation Training
Device (FSTD) listed below. This FSTD has been found to meet
the standards set forth in the qualification document described below:

Sponsor: Pan Am International Flight Academy

Location: Henderson

Aircraft Type: B-737-800

FAA Identification Number: 1168

Qualification Basis: 14 CFR Part 60 Change 1, Appendix A

Qualification Level: D

Issued by the National Simulator Program
on August 2, 2017.

A handwritten signature in black ink that reads "Lawrence McDonald".

Lawrence McDonald

Manager, National Simulator Program
Federal Aviation Administration

To maintain qualification, the FSTD must meet all of the standards and specifications of the qualification basis and is subject to the conditions and limitations listed in the last FAA FSTD Evaluation Report. This certificate is not transferable, and unless, revoked, suspended, or amended, shall remain in effect until November 30, 2018.

Federal Aviation Administration National Simulator Program Statement of Qualification	Sponsor: Pan Am International Flight Academy FSTD ID: 1168 Aircraft Type: B737-800W
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Sponsor Submission Date: 7/28/2017 Submissions to: 9-ASO-AFS205-NSP-SIMULATOR-SCHEDULING@faa.gov

Section 1. FSTD Sponsor Information

Sponsor Name:	Pan Am International Flight Academy	FSTD Location:	
Address:	5000 NW 36 th Street	Physical Address:	1771 Whitney Mesa Drive
City:	Miami	City:	Henderson
State/Prov/Terr:	Florida	State:	NV
Country:	USA	Country:	USA
ZIP:	33122	ZIP:	89014
Sponsor ID No: (FAA Certificate Number)	PN7X	Nearest Airport: (Apt Code)	KLAS

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

Name:	Richard Behrle		
Address:	2895 SW 145 AVE, Suite 120	Office Phone	954 641 6129
City:	Miramar	Cell:	
State:	Florida	Fax:	
ZIP:	33027	Email:	richard.behrle@faa.gov

FAA Alternate POC (APM, FTPM, if required)

Name:			
Address :		Office Phone	
City/State:		Cell:	
State:		Fax:	
ZIP:		Email:	

FSTD Management Representative::

Name:	Arlen Ansell		
Address 1:	5000 NW 36 th Street	Office Phone	305 874-6592
City/State:	Miami	Cell:	305 773 2803
State:	Florida	Fax:	305 874 6576
ZIP:	33122	Email:	aansell@panamacademy.com

FSTD Contact:

Name:	Ron Zarnstorff		
Address 1:	1771 Whitney Mesa Drive	Office Phone	702 990 4094
City/State:	Henderson	Cell:	859 240 5571
State:	NV	Fax:	702 990 4093
ZIP:	89014	Email:	rzarnstorff@panamacademy.com

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Section 2. FSTD Information			
Aircraft make/model/series:	Boeing 737-800W	A/C Common Name:	B737 NG
Qualification Basis:	14 CFR Part 60	Manufacture Serial No.:	SBV 08/4
Qualification Level:	D	Sponsor's FSTD ID:	B737#5
Base Month: April	<input checked="" type="checkbox"/> Full Flight Simulator (FFS) <input type="checkbox"/> Flight Training Device (FTD)		
National Aviation Authority Qualification (For BASA-SIP Evaluations only):			
NAA Name:			
NAA FSTD ID No:		NAA Qualification Basis:	
NAA Qualification Level:			
Technical Information:			
FAA FSTD ID No: 1168 (If Applicable)	Convertible FSTD: <input type="checkbox"/> Yes	FSTD Manufacturer:	Sim Industries / CAE
<input checked="" type="checkbox"/> eMQTG	Conv. FAA FSTD ID No.	Date of Manufacture:	09/30/2009
FSTD Configurations:			
Pri. Engine Type/Thrust:	CFM56-7B/ 27K	FADEC Version	
Alt. Engine Type/Thrust:	CFM56-7B/ 26K		
Alt. Engine Type/Thrust:	CFM56-7B/ 24K		
Alt. Engine Type/Thrust:			
Flight Instrumentation/Systems:	<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 <input type="checkbox"/> CPDLC <input type="checkbox"/> EFB Class: <input type="checkbox"/> Other:		
FSTD seats available: 5	5	Flt. control data revision: D611A001, Rev M	
FSTD host computer: PC	Aero model/data: D611A001, Rev M		
Visual image generator: Rockwell Collins EP1000	Avionics Type/Suite: Collins/Smiths (simulated DU, EDU)		
Visual system display: Q4 200 Deg Wide	Avionics Std/Rev:		
Visual projector: 3 LCoS projectors	FMS: Smiths Dual FMC U10.8A		
	Motion system: Moog 660-14000 Electric 6 axis		
Airport Qualification Models If illustrations or other presentations are attached please specify: <input type="checkbox"/>			
Airport Qualification Model 1 / Available In-Use Runways /Taxiway:	KJFK, 4R/22L 31R/13L		
Airport Qualification Model 2 / Available In-Use Runways /Taxiway:	KMIA, 8L/26R 8R/16L		
Airport Qualification Model 3 / Available In-Use Runways/ Taxiway:	KIAD, 1R/19L 1L/19R		
Visual Ground Segment:	KJFK Airport Designator	04R 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): Dunwoody

Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Including Partial Task Limitations)
CAT I: (RVR 2400/1800 ft. DH200 ft)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CAT II: (RVR 1200 ft. DH 100 ft)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CAT III:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Circling Approach : KJFK 04R_31R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Windshear Training:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Auto-coupled Approach	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Auto Go Around	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Auto-land / Roll Out Guidance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
TCAS/ACAS I / II	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
WX-Radar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HUD / HGS	<input type="checkbox"/>	<input type="checkbox"/>	
EFVS	<input type="checkbox"/>	<input type="checkbox"/>	
TAWS (GPWS / EGPWS)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EGPWS
SMGCS: KSEA/S3, spot 99, rwy 16L 600 RVR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Enhanced Taxi Markings KSEA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/> LPV <input checked="" type="checkbox"/> GPS <input type="checkbox"/> WAAS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
RNP/AR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RNP = 1.1
ADS-B <input type="checkbox"/> In	<input type="checkbox"/>	<input type="checkbox"/>	
Full Stall	<input type="checkbox"/>	<input type="checkbox"/>	
UPRT	<input type="checkbox"/>	<input type="checkbox"/>	
Icing	<input type="checkbox"/>	<input type="checkbox"/>	
Realistic Gusting Crosswind	<input type="checkbox"/>	<input type="checkbox"/>	
Bounced Landing	<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)
Preflight Procedures			
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"/>	
In-flight Maneuvers			
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"/>	
Instrument Procedures			
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
Landings and Approaches to Landings			
Visual Approaches (normal, steep, shallow) with visual system	<input type="checkbox"/>	<input type="checkbox"/>	Level 5 Helicopter
Normal and Abnormal Procedures			
Powerplant	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel System.	<input type="checkbox"/>	<input type="checkbox"/>	

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Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Including Partial Task Limitations)
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"/>	
Emergency Procedures			
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"/>	
Post flight Procedures.			
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"/>	

Section 4. Non Qualified Tasks	
<p>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.</p>	
<p>Maneuvers, Procedures, Tasks, and Functions for which this FSTD is <u>NOT</u> Qualified</p>	
Area/Function/Maneuver	Remarks
1.	
2.	
3.	
4.	
5.	
6.	