

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	Global One Training Group, LLC
FAA ID	243
Aircraft Designation	B-727-2S2F
Qualification Document	120-40A
Qualification Level	D
Expiration Date	5/31/2026

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:	Global One Training Group, LLC
Designator:	1G2X
FAA ID:	243
Make/Model/Series:	B-727-2S2F
Evaluation Interval:	12

Section 1. Sponsor FSTD Location Contact Information			
FSTD Location			
Training Facility Name:	Global One Sanford Center		
Address:	1642 HANGAR RD		
City:	Sanford		
State/Prov/Terr:	FL		
Country:	USA		
ZIP:	32773		
Local FAA Authority / FAA Training Program Approval Authority (TPAA)			
Name:	Mesquita, Daniel		
Address:	8700 Freeport Parkway		
City:	Irving		
State/Prov/Terr:	TX	Office:	214-277-8450
Country:	USA	Cell:	407-446-1723
ZIP:	75063	Email:	daniel.mesquita@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:	Pinho, Alessandro		
Address:	1642 Hangar Road		
City:	Sanford		
State/Prov/Terr:	FL	Office:	407-585-4329
Country:	USA	Cell:	312-316-1879
ZIP:	32773	Email:	a.pinho@globalonetraininggroup.com
Sponsor FSTD Local Contact			
Name:	Cordeiro, Leo		
Address:	1642 Hangar Road		
City:	Sanford		
State/Prov/Terr:	FL	Office:	(407) 585-4329

Country:	USA	Cell:	(689) 249-5149
ZIP:	32773	Email:	maintenance@globalonetraininggroup.com

Section 2. FSTD Information			
A/C Common Name:	BOEING B-727	Manufacturer Name:	Rediffusion
A/C Alternative Name:	B-727-2S2F	Manufactured Year:	1987
Qualification Basis:	120-40A	Manufacture Serial No:	B727-2S2F FFS
Qualification Level:	D	Sponsor's FSTD ID:	Sim 5
FSTD Class:	Airplane FFS	Evaluation Base Month:	Feb
FSTD Seats Available:	6	FSTD Convertible to:	
FSTD Configuration Information			
FSTD Configuration (1):	B-727-2S2F		
FSTD Configuration (2):			
FSTD Configuration (3):			
FSTD Configuration (4):			
FSTD Configuration (5):			
FSTD Engine Information			
Pri. Engine Type / Thrust:	P&W JT8D-17A / 17,000 lbs.	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:	Boeing D6-48779, Rev 1979		
Aero Model: Source/Model/Revision:	Boeing D6-44845, Rev 1978		
Visual System			
Image Generator Make/Model:	Rockwell Collins EP-1000		
Display Type:	Cross Ckpt, Collimated	Visual Projector Type:	CRT
Horizontal Field of View (degs):	150	Vertical Field of View (degs):	40

Avionics			
Manufacturer			
Model			
Standard/Revision			

Flight Management System			
Manufacturer:			
Model:			
Type/Revision:			

Motion System	
Manufacturer:	Redifussion/CAE DN1
Type:	Hydraulic
Axis:	6

Airport Qualification Models	
1: Airport / Runways / Taxiway:	KMEM
2: Airport / Runways / Taxiway	KBOS
3: Airport / Runways / Taxiway	KIND

Visual Ground Segment	
Airport / Landing RW	KMEM / 36R

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	☒	☒	KMEM - RWY27 Circle to RWY18R
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)	☒	☒	
SMGCS	☒	☒	KMEM
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
