

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	
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.

FSTD INFORMATION & CONFIGURATION

Sponsor Name:	Atlas Air, Inc.
Designator:	UIEA
FAA ID:	722
Make/Model/Series:	B-747-400F
Evaluation Interval:	12

Section 1. Sponsor | FSTD Location | Contact Information

FSTD Location

Training Facility Name:	Atlas Air Training Center Mami		
Address:	5600 NW 36th St.		
City:	MAM		
State/Prov/Terr:	FL		
Country:	USA		
ZIP:	33166		

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

Name:	Schaper, Greg		
Address:	4358 Ferguson Drive		
City:	CINCINNATI		
State/Prov/Terr:	OH	Office:	513-842-9675
Country:	USA	Cell:	
ZIP:	45245	Email:	greg.schaper@faa.gov

FAA Alternate POC (APM, FTPM, if applicable)

Name:	Smith, Peter		
Address:	4358 Ferguson Drive		
City:	CINCINNATI		
State/Prov/Terr:	OH	Office:	413-862-0032
Country:	USA	Cell:	413-205-7390
ZIP:	45245	Email:	peter.b.smith@faa.gov

Sponsor FSTD Management Representative

Name:	Schwellinger, Randy		
Address:	5600 NW 36th St		
City:	MAM		
State/Prov/Terr:	FL	Office:	(786) 265-5993
Country:	USA	Cell:	(786) 402-3995
ZIP:	33266	Email:	Randy.schwellinger@atlasair.com

Sponsor FSTD Local Contact

Name:	Stone, Deanne		
Address:	5600 NW 36th St		
City:	MAM		
State/Prov/Terr:	FL	Office:	(786) 265-2710
Country:	USA	Cell:	
ZIP:	33166	Email:	Dee.stone@atlasair.com

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Section 2. FSTD Information			
A/C Common Name:	BOEING B-747	Manufacturer Name:	CAE
A/C Alternative Name:	B-747-400F	Manufactured Year:	1990
Qualification Basis:	120-40B	Manufacture Serial No:	2HR8 19
Qualification Level:	C	Sponsor's FSTD ID:	400#1
FSTD Class:	Airplane FFS	Evaluation Base Month:	Feb
FSTD Seats Available:	5	FSTD Convertible to:	
FSTD Configuration Information			
FSTD Configuration (1):	B-747-400F		
FSTD Configuration (2):			
FSTD Configuration (3):			
FSTD Engine Information			
Pri. Engine Type / Thrust:	CF6-80C2 / 62,100	FADEC Version:	B5F
Alt. Engine Type / Thrust:		FADEC Version:	
Alt. Engine Type / Thrust:		FADEC Version:	
Alt. Engine Type / Thrust:		FADEC Version:	
Flight Instrumentation & Systems			
<input type="checkbox"/> NVG		<input type="checkbox"/> Other:	
<input type="checkbox"/> CPDCL		<input type="checkbox"/> Other:	
<input type="checkbox"/> EFB Class:		<input type="checkbox"/> Other:	
Data Sources & Models			
Flight Control Data: Model/Revision:	Boeing D611U321, Rev C		
Aero Model: Source/Model/Revision:	Boeing/D611U309 Rev E		
Visual System			
Image Generator Make/Model:	CAE / Tropos 6000		
Display Type:	Cross Ckpt, Collimated	Visual Projector Type:	LCoS/LED/DLP
Horizontal Field of View (degs):	150	Verticle Field of View (degs):	0
Avionics			
Manufacturer	Collins		
Model	DU7000		
Standard/Revision			
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Flight Management System

Manufacturer:	Honeywell		
Model:			
Type/Revision:			

Motion System

Manufacturer:	CAE
Type:	Hydraulic
Axis:	6

Airport Qualification Models

1: Airport / Runways / Taxiway:	KJFK / ALL / ALL
2: Airport / Runways / Taxiway	KSFO / ALL / ALL
3: Airport / Runways / Taxiway	KSEA / ALL / ALL

Visual Ground Segment

Airport / Landing RW	KJFK / 4R
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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 in section 4, 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)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CAT II (Minimums IAW sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CAT III (Minimums IAW sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Circling Approach	<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 7.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
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Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Include Partial Task Limitations if Applicable)
WX-Radar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HUD / HGCS	<input type="checkbox"/>	<input type="checkbox"/>	
EFVS	<input type="checkbox"/>	<input type="checkbox"/>	
TAWS (GPWS / EGPWS)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SMGCS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Enhanced Taxi Markings	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
RWSL / LAHSO	<input type="checkbox"/>	<input type="checkbox"/>	
LPV GPS WAAS <input type="checkbox"/> LPV <input checked="" type="checkbox"/> GPS <input type="checkbox"/> WAAS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
RNP/AR	<input type="checkbox"/>	<input type="checkbox"/>	
ADS-B <input type="checkbox"/> In	<input type="checkbox"/>	<input type="checkbox"/>	
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Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Include Partial Task Limitations if Applicable)
Full Stall (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
UPRT (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Icing (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Realistic Gusting Crosswind (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Bounced Landing (14CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

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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	<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 Class A <input type="checkbox"/> , Class B Lens <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Helicopter Category A Takeoffs	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

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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).	<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 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)
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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)
Landings and Approaches to Landings			
Visual Approaches (normal, steep, shallow) with visual system	<input type="checkbox"/>	<input type="checkbox"/>	(Helicopter Only)
Normal and Abnormal Procedures			
Powerplant	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	
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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)
Emergency Procedures			
Emergency Descent (Max Rate)	<input type="checkbox"/>	<input type="checkbox"/>	
Inflight fire and smoke removal	<input type="checkbox"/>	<input type="checkbox"/>	
Rapid Decompression	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	
Abnormal/emergency procedures	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

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