

# 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:** Atlas Air, Inc

**Location:** Miami

**Aircraft Type:** B-747-400F

**FAA Identification Number:** 1092

**Qualification Basis:** 120-40B/JAR-STD 1A Amdt 3

**Qualification Level:** D

Issued by the National Simulator Program  
on September 12, 2018.

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 December 31, 2019.

<b>Federal Aviation Administration</b> <b>National Simulator Program</b> <b>FSTD Information Form</b>	<b>Sponsor:</b> Atlas Air, Inc
	<b>FSTD ID:</b> 1092
	<b>Aircraft Type:</b> B747-400F

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

Sponsor Submission Date: 09/12/2018			
<b>Section 1. FSTD Sponsor Information</b>			
<b>Sponsor Name:</b>	Atlas Air, Inc.	<b>FSTD Location:</b>	
<b>Address:</b>	P.O. Box 669002	<b>Physical Address:</b>	5600 NW 36 <sup>th</sup> Street
<b>City:</b>	Miami Springs	<b>City:</b>	Miami
<b>State/Prov/Terr:</b>	Florida	<b>State:</b>	Florida
<b>Country:</b>	USA	<b>Country:</b>	USA
<b>ZIP:</b>	33266	<b>ZIP:</b>	33122
<b>Sponsor ID No:</b> (FAA Certificate Number)	UIEA	<b>Nearest Airport:</b> (Apt Code)	KMIA
<b>Local FAA Authority: FAA Training Program Approval Authority: (TPAA)</b>			
<b>Name:</b>	Greg Schaper		
<b>Address:</b>	4358 Ferguson Drive	<b>Office Phone</b>	513-842-9675
<b>City:</b>	Cincinnati	<b>Cell:</b>	
<b>State:</b>	OH	<b>Fax:</b>	516-228-8827
<b>ZIP:</b>	45245	<b>Email:</b>	Greg.schaper@faa.gov
<b>FAA Alternate POC (APM, FTPM, if required)</b>			
<b>Name:</b>	Alex Alexander		
<b>Address :</b>	4358 Ferguson Drive	<b>Office Phone</b>	516-228-8029
<b>City/State:</b>	Cincinnati	<b>Cell:</b>	732-470-3564
<b>State:</b>	OH	<b>Fax:</b>	
<b>ZIP:</b>	45245	<b>Email:</b>	alex.t.alexander@faa.gov
<b>FSTD Management Representative::</b>			
<b>Name:</b>	Randy Schwellinger		
<b>Address 1:</b>	P.O. Box 669002	<b>Office Phone</b>	786-365-5993
<b>City/State:</b>	Miami Springs	<b>Cell:</b>	786-402-3995
<b>State:</b>	Florida	<b>Fax:</b>	305 265-7687
<b>ZIP:</b>	33266	<b>Email:</b>	Randy.schwellinger@atlasair.com
<b>FSTD Contact:</b>			
<b>Name:</b>	Deanne Stone		
<b>Address 1:</b>	P.O. Box 669002	<b>Office Phone</b>	786-265-2710
<b>City/State:</b>	Miami Springs	<b>Cell:</b>	
<b>State:</b>	Florida	<b>Fax:</b>	786-265-8175
<b>ZIP:</b>	33266	<b>Email:</b>	Dee.Stone@atlasair.com

<b>Federal Aviation Administration</b> <b>National Simulator Program</b> <b>FSTD Information Form</b>	Sponsor: <b>Atlas Air, Inc</b>
	FSTD ID: <b>1092</b>
	Aircraft Type: <b>B747-400F</b>

**Section 2. FSTD Information**

Aircraft make/model/series:	Boeing B747-400F	A/C Common Name:	B747-400
Qualification Basis:	AC120-40B Using JAR STD-1A Amendment 3 as Alt. Means	Manufacture Serial No.:	2U88-782
Qualification Level:	<u>D</u>		
Base Month: September	<input checked="" type="checkbox"/> Full Flight Simulator (FFS) <input type="checkbox"/> Flight Training Device (FTD)	Sponsor's FSTD ID:	B747-400#2

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

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

**Technical Information:**

FAA FSTD ID No: <b>1092</b> (If Applicable)	Convertible FSTD: <input type="checkbox"/> Yes	FSTD Manufacturer:	CAE
<input type="checkbox"/> eMQTG	Conv. FAA FSTD ID No.	Date of Manufacture:	Oct 2008

FSTD Configurations:	
----------------------	--

Pri. Engine Type/Thrust:	CF6-80C2 / 62,100	B5F D611U303 Rev H
Alt. Engine Type/Thrust:	/	
Alt. Engine Type/Thrust:	/	
Alt. Engine Type/Thrust:	/	
	FADEC Version	

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: 7.1 <input checked="" type="checkbox"/> CPDLC <input type="checkbox"/> EFB Class: <input type="checkbox"/> Other:
---------------------------------	---

FSTD seats available: 5	Fit. control data revision: D611U316 Rev G
FSTD host computer: IBM Z-Pro	Aero model/data: D611U309 Revision G
Visual image generator: CAE / Tropos 6000	Avionics Type/Suite: Collins/ DU7000
Visual system display: CrossCkpt /200 Wide	Avionics Std/Rev: 685-2265-503
Visual projector: Barco FL 35 LED Projectors	FMS: Honeywell 4052508-952 Rehosted
	Motion system: CAE 600 Series / Hydraulic

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

Airport Qualification Model 1 / Available In-Use Runways /Taxiway:	KJFK / All / All		
Airport Qualification Model 2 / Available In-Use Runways /Taxiway:	KSFO / All / All		
Airport Qualification Model 3 / Available In-Use Runways / Taxiway:	KSEA / All / All		
Visual Ground Segment:	KJFK Airport Designator	04R Landing Runway	

<b>Federal Aviation Administration National Simulator Program FSTD Information Form</b>	<b>Sponsor:</b> Atlas Air, Inc
	<b>FSTD ID:</b> 1092
	<b>Aircraft Type:</b> B747-400F

**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):** MUNET

Area/Function/Maneuver	Requested (Sponsor Use)	Qualified (FAA Use Only)	Remarks (Including Partial Task Limitations)
CAT I: (Minimums in accordance with sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CAT II: (Minimums in accordance with sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CAT III: (Minimums in accordance with sponsor/operator authorization)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Circling Approach : KJFK/Appr 4R/Ldg 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"/>	Version 7.1
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"/>	
SMGCS: KSEA/Cargo Spot 2A, A, T/O 16L, Land 16L, P, B, A, Spot 2A, Ramp, (<600 RVR)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Enhanced Taxi Markings: All airports	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
RWSL/LAHSO	<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"/>	
RNP/AR	<input type="checkbox"/>	<input type="checkbox"/>	
ADS-B <input type="checkbox"/> In	<input type="checkbox"/>	<input type="checkbox"/>	
Full Stall (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
UPRT (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Icing (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Realistic Gusting Crosswind(14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	
Bounced Landing (14 CFR Part 60 (2016)/FSTD Directive 2)	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Federal Aviation Administration National Simulator Program FSTD Information Form</b>	<b>Sponsor:</b> Atlas Air, Inc
	<b>FSTD ID:</b> 1092
	<b>Aircraft Type:</b> B747-400F

**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.



<b>Federal Aviation Administration</b> <b>National Simulator Program</b> <b>FSTD Information Form</b>	<b>Sponsor:</b> Atlas Air, Inc
	<b>FSTD ID:</b> 1092
	<b>Aircraft Type:</b> B747-400F

<b>Area/Function/Maneuver</b>	<b>Requested (Sponsor Use)</b>	<b>Qualified (FAA Use Only)</b>	<b>Remarks (Including Partial Task Limitations)</b>
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"/>	

<b>Federal Aviation Administration National Simulator Program FSTD Information Form</b>	Sponsor: Atlas Air, Inc
	FSTD ID: 1092
	Aircraft Type: B747-400F

**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.	

