

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: Kalitta Air, LLC
Location: Ypsilanti
Aircraft Type: B-747-200
FAA Identification Number: 941
Qualification Basis: 120-40B
Qualification Level: C

Issued by the National Simulator Program
on December 09, 2014.

A handwritten signature in blue ink that reads "Harlan Gray Sparrow III".

Harlan Gray Sparrow III
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 January 31, 2016.



**Federal Aviation Administration
National Simulator Program
Statement of Qualification**

**Sponsor: Kalitta Air, LLC.
FSTD ID: 941
Aircraft Type: B747-200/300**

Sponsor Submission Date: 12-11-2012

FSTD Sponsor Information

Sponsor Name:	Kalitta Air, LLC.	FSTD Location: Ypsilanti, MI	
Address:	818 Willow Run Airport	Physical Address:	832 Willow Run Airport
City:	Ypsilanti	City:	Ypsilanti
State/Prov/Terr:	Michigan	State:	MI
Country:	United States	Country:	United States
ZIP:	48198	ZIP:	48198
Sponsor ID No: (FAA Designator)	KCSA712A	Nearest Airport: (Apt Code)	KYIP

Local FAA Authority:

FAA Training Program Approval Authority:

POI **TCPM** **Other:** _____

Name: Robert Keegan
Telephone: 734-487-7462
Email: robert.y.keegan@faa.gov

Office ID: AGL-EMI-FSDO-23 (DTW)
Fax: 734-487-7221

Sponsor Personnel:

FSTD Management Representative:

Name:	Jeff Phelps		
Address 1:	Kalitta Air, LLC.	Address 2	818 Willow Run Airport
City:	Ypsilanti	State:	MI
ZIP:	48198	Email:	jphelps@kalittaair.com
Tel:	734-484-7158	Fax:	734-544-7042

FSTD Scheduling Contact:

Name:	Rebecca Hinsman		
Address 1:	Kalitta Air, LLC.	Address 2	818 Willow Run Airport
City:	Ypsilanti	State:	MI
ZIP:	48198	Email:	rhinsman@kalittaair.com
Tel:	734-544-7010 Ext: 7092	Fax:	734-544-7042

FSTD Technical Contact:

Name:	Jeff Phelps		
Address 1:	Kalitta Air, LLC.	Address 2	818 Willow Run Airport
City:	Ypsilanti	State:	MI
ZIP:	48198	Email:	jphelps@kalittaair.com
Tel:	734-484-7158	Fax:	734-544-7042



**Federal Aviation Administration
National Simulator Program
Statement of Qualification**

Sponsor: Kalitta Air, LLC.
FSTD ID: 941
Aircraft Type: B747-200/300

FSTD Information

Aircraft make/model/series:	B-747-200/300	A/C Common Name:	747-200; 747-300
Qualification Basis:	AC-120-40B Level C	Mfgr's ID or Serial No.:	0007
Initial FAA Qualification:	Date: 06/15/2006 Level C	Sponsor's FSTD ID:	N941CK
National Aviation Authority Qualification (If Applicable):			
NAA Name:			
NAA FSTD ID No:		Last NAA Evaluation Date:	
NAA Qualification Level:		NAA Qualification Basis:	
Technical Information:			
FAA FSTD ID No: 941 (If Applicable)	<input checked="" type="checkbox"/> eMQTG	FSTD Manufacturer:	CAE
Convertible FSTD: <input type="checkbox"/> No	Conv. FAA FSTD ID No. N/A	Date of Manufacture:	1980
FSTD Configurations:	747-200 with PW JT9D-7R4G2 747-200 with GE CF6-50 E2	747-300 with PW JT9D-7R4G2 747-300 with GE CF6-50 E2	
Pri. Engine Type/Thrust:	JT9D-7R4G2 / 54,750	FADEC Version	N/A
Alt. Engine Type/Thrust:	CF6-50 E2 / 51,800		N/A
Alt. Engine Type/Thrust:	/		
Alt. Engine Type/Thrust:	/		
Flight Instrumentation/Systems:	<input checked="" type="checkbox"/> EFIS <input type="checkbox"/> HUD/HGS <input type="checkbox"/> EVS <input 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 II, Ver: 6.4 <input checked="" type="checkbox"/> EFB Class: II <input type="checkbox"/> Other:		
FSTD Seats Available: 6	Flight control data revision: D6-36154 Rev A		
FMS: CMC Electronics CMA-900 / Mod. Level 4	Aerodynamic model/data: Boeing / D6-36157 / Rev NEW		
Visual image generator: RSI Raster XT	Avionics Type/Suite:		
Visual system display: Cross cockpit 150 x 40	Avionics Std/Rev:		
Visual projector: 3 / Christie DLP/LED	Motion system: CAE / 500 / 6		
Helicopter Chin Windows Functional: <input type="checkbox"/>			
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 / 13L / From parking taxi straight out on SA, left turn onto B, left turn onto U to 13L full length; After landing on 13L right turn onto YA, left turn onto Y, right turn onto F, cross runway 22R on F, right turn onto B, right turn onto SA into parking.		
Airport Qualification Model 2 / Available In-Use Runways /Taxiway:	KLAX / 25L / From parking at ICC taxi straight out on A1, left turn onto A, right turn onto F to hold short of 25L full length; After landing on 25L, left turn onto T, left turn onto A, right turn onto A1 into parking.		
Airport Qualification Model 3 / Available In-Use Runways / Taxiway:	KSFO / 28R / From parking at UAL maintenance hanger taxi straight out on K, left turn onto C, cross runways 19R and 19L on C, to hold short of 28R full length; After landing on 28R taxi right onto R, right turn onto C, left turn onto K into parking.		
Visual Ground Segment:	KSFO Airport Designator	28R Landing Runway	



**Federal Aviation Administration
National Simulator Program
Statement of Qualification**

**Sponsor: Kalitta Air, LLC.
FSTD ID: 941
Aircraft Type: B747-200/300**

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 in effect on Change 1. Additionally, this FSTD is qualified to perform maneuvers, procedures, tasks, and functions annotated in sections 3a. or 3b, below. Any specific use of this device in conjunction with any training program must be approved by the FAA Training Program Approval Authority (TPAA).

Section 3a. 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
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 * (lowest minimum) 300 RVR, AH 100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Circling Approach : KJFK/4R/31R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Windshear Training:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Specific Unusual Attitudes Recoveries (Beyond the Normal Flight Envelope)	<input type="checkbox"/>	<input type="checkbox"/>	
Auto-coupled Approach/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/TCAS II,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TCAS II, 6.4
WX-Radar	<input type="checkbox"/>	<input 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: KLAX: Imp. Cargo left A, right G, cross rwys 25 L & 25R, right on B to 25R at B1, RVR 1200-600, mono-directional.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Enhanced Taxi Markings: KSFO/ From parking at UAL maintenance hanger taxi straight out on K, left turn onto C, cross runways 19R and 19L on C, to hold short of 28R full length.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
GPS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
RNP/AR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
LPV/GLS	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<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 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
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 B Lens <input type="checkbox"/> Class C 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"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	

Section 4. Non Qualified Tasks

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

Area/Function/Maneuver	Remarks
1. Any task associated with those Non-Qualified Tasks noted on the most recent FSTD evaluation report (NSP Form T002 for an NSP Evaluation), or any Sponsor reported Missing, Malfunctioning, or Inoperative (MMI) Component resulting in a training, testing, or checking restriction.	
2.	
3.	
4.	
5.	
6.	