

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	ATR Training Center
FAA ID	1524
Aircraft Designation	ATR-72-212A
Qualification Document	14 CFR Part 60 (2008), Appendix A
Qualification Level	D
Expiration Date	5/31/2028

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:	ATR Training Center
Designator:	1YWX
FAA ID:	1524
Make/Model/Series:	ATR-72-212A
Evaluation Interval:	36

Section 1. Sponsor FSTD Location Contact Information			
FSTD Location			
Training Facility Name:		ATR-Airbus Miami Training Center	
Address:		4355 NW 36TH ST	
City:		Miami Springs	
State/Prov/Terr:		FL	
Country:		USA	
ZIP:		33166	
Local FAA Authority / FAA Training Program Approval Authority (TPAA)			
Name:		Padilla, Lizette	
Address:		2895 SW 145th Avenue	
City:		Miramar	
State/Prov/Terr:		FL	Office: 1-954-641-6111
Country:		USA	Cell: 1-954-614-9402
ZIP:		33027	Email: Lizette.padilla@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:		Commissaire, Christian	
Address:		1 Allée Pierre Nadot	
City:		Blagnac	
State/Prov/Terr:		FR	Office:
Country:		FRA	Cell:
ZIP:		31712	Email: Christian.commissaire@atr-aircraft.com
Sponsor FSTD Local Contact			
Name:		Guidotti, Bianca	
Address:		4355 NW 36th ST	
City:		Miami	
State/Prov/Terr:		FL	Office: 305-613-0380

Country:	USA	Cell:	305-613-0380
ZIP:	33166	Email:	bianca.guidotti@atr-aircraft.com

Section 2. FSTD Information			
A/C Common Name:	AEROSP ATR-72	Manufacturer Name:	CAE
A/C Alternative Name:	ATR-72-212A	Manufactured Year:	2017
Qualification Basis:	14 CFR Part 60 (2008), Appendix A	Manufacture Serial No:	111723
Qualification Level:	D	Sponsor's FSTD ID:	2YWW096K
FSTD Class:	Airplane FFS	Evaluation Base Month:	Feb
FSTD Seats Available:	5	FSTD Convertible to:	
FSTD Configuration Information			
FSTD Configuration (1):	ATR-72-212A		
FSTD Configuration (2):			
FSTD Configuration (3):			
FSTD Configuration (4):			
FSTD Configuration (5):			
FSTD Engine Information			
Pri. Engine Type / Thrust:	PW127M / HS568F Propellers	FADEC Version:	
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"/> CPDLC		<input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> EFB Class: B		<input type="checkbox"/> Other:	
Data Sources & Models			
Flight Control Data: Model/Revision:	ATR72-210A :ATC S00213410, Edition 10, 19-06-2009		
Aero Model: Source/Model/Revision:	ATR, ATC S00213410, 19-06-2009		
Visual System			
Image Generator Make/Model:	CAE./Tropos-6220XR		
Display Type:	Cross Ckpt, Collimated	Visual Projector Type:	LCD
Horizontal Field of View (deg):	200	Vertical Field of View (deg):	40

Avionics			
Manufacturer	Simulated Thales		
Model	F220		
Standard/Revision	Standard 3.1		

Flight Management System			
Manufacturer:	Simulated Thales		
Model:	F220		
Type/Revision:	Standard 3.1		

Motion System	
Manufacturer:	MOOG Second Generation Elec 6DoF
Type:	Electric
Axis:	6

Airport Qualification Models	
1: Airport / Runways / Taxiway:	KMIA / ALL / ALL
2: Airport / Runways / Taxiway	KTPA / ALL / ALL
3: Airport / Runways / Taxiway	KFLL / ALL/ ALL

Visual Ground Segment	
Airport / Landing RW	KTPA / 01L

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:	EASA		
NAA FSTD ID No:	EU-A0148		
NAA Qualification Level:	D		
NAA Qualification Basis:	AC 120-40B		

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FAA ID:	1524
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Evaluation Interval:	36

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)	<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 type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	
Auto-Land / Roll-Out Guidance	<input type="checkbox"/>	<input type="checkbox"/>	
TCAS/ACAS I / II 7.1	<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 / SVS	<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 checked="" type="checkbox"/> LPV <input checked="" type="checkbox"/> GPS <input checked="" 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 (14CFR Part 60 (2016)/FSTD Directive 2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
UPRT (14CFR Part 60 (2016)/FSTD Directive 2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Icing (14CFR Part 60 (2016)/FSTD Directive 2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Realistic Gusting Crosswind (14CFR Part 60 (2016)/FSTD Directive 2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Bounced Landing (14CFR Part 60 (2016)/FSTD Directive 2)	<input checked="" type="checkbox"/>	<input checked="" 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"/>	

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"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

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)
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"/>	
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"/>	
Other			
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"/>	

Narrative
