

PERSONAL INFORMATION

PABLO HERNÁNDEZ-CORONADO QUINTERO



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Date of birth 29/07/1969 | Nationality Spanish

PERSONAL STATEMENT

Results-oriented senior executive with more than 24 years of experience in the transportation industry, specialized in business development, project management, risk assessment and control, mobility, policy formulation and strategic planning. Extensive international experience. Creative, proactive and with a strategic vision. Comfortable in a dynamic, international, and multidisciplinary work environment. Natural communicator, fluent in Spanish and English and intermediate in Portuguese and French.

WORK EXPERIENCE

Dates **07/2020-PRESENT**

Name and address of employer State Aviation Safety and Security Agency of Spain (AESA), Ministry of Transport
Paseo de Castellana 112, 28046 Madrid, Spain

Type of business or sector Civil Aviation Authority

Position **Head of AESA's International Strategy Department/ International Strategy Senior Advisor**

Achievements *Since I took over the responsibility for the coordination of the partnership agreement with EASA in 2020, AESA has increased its cooperation efforts with EASA by 180% (2022) and has initiated activity in several new areas, such as flight simulator evaluations (FSTDs), pilot training schools (ATOs), mechanic training schools (Part-147), or drone design certification/verification (UAS).*

- Job description**
- Lead cooperation with aeronautical authorities or international entities to develop joint initiatives to support the continuous improvement of aviation safety/security. Elaboration of Memorandums of Understanding (MOU) or Agreements.
 - Coordinate and promote international technical cooperation of twinning projects funded by the EU.
 - Negotiate advisory and technical support agreements for the supervisory authorities of airlines included in the European Safety List subject to an EU operating ban for air safety reasons.
 - Create consortia with other European entities for participating in EU/EASA public tenders in the field of air transport. Manage specific contracts linked to a Framework Contract. EASA.2020.HVP.04 ASSESS III contract manager (AESA-APAVE Consortium).
 - Manage the "partnership agreement" with EASA in the field of air transport and aviation safety/security to perform technical tasks on its behalf, share knowledge, experience, information, and experts, and participate in common international technical cooperation activities.
 - Promote the development at the international level of beneficial economic activities for aviation national organizations. Cooperation in the organization of international events held in Spain.
 - Lead and coordinate AESA's international representation in all the working groups in which it participates. AESA representative in the MAB, alternate in the MB, and Spanish representative in the EASA Committee.
 - Coordinate the interests of the aviation sector to formulate international proposals on technical regulations, particularly under the remits of the EU, EASA, and ICAO.
 - Collect, follow up and distribute information regarding international meetings, congresses, conferences, or committees that require the participation or collaboration of AESA.
 - Participation in int. technical cooperation projects: EU-LAC-APP (EASA.2020.FC.13_RoC20).

Dates 01/2019- 07/2020

Name and address of employer Railway Infrastructure Administrator (ADIF), Ministry of Transport
C/ Sor Ángela de la Cruz, 3, 28020 Madrid, España

Type of business or sector State Public Entity

Position **DIRECTOR GENERAL OF BUSINESS AND COMMERCIAL OPERATIONS (TEAM +2000 PEOPLE)**

Achievements *During the COVID pandemic, lead my team to develop contingency plans and de-escalation protocols for ADIF stations (around 1,500) and employees, based on a contagion risk assessment and control methodology. The latter lead to a decision-making and governance process for the de-escalation facilitating the implementation of the necessary measures to restore confidence in rail transport to the public.*

We developed a strategic business plan for passenger stations to obtain a higher return of investment on ADIF's assets. The business plan encompassed nearly 1,500 stations owned by ADIF and ADIF AV and aimed to act on all business development levers: increase and adaptation of available commercial spaces; design of the commercial "mix" and "lay-outs"; brand attraction; bidding processes generating a competitive environment; a digital platform for customers loyalty development; marketing and advertising.

The approval process of the modification of the 1997 Madrid General Urban Development Plan, which included the urban operation "Madrid Nuevo Norte" (MPG), was completed. The most important urban-planning operation in Spain in recent decades.

My team promoted the development of the following ADIF's logistics network: i) 7 main logistics nodes (ex. Madrid Vicálvaro and Valencia Fuente San Luis) and terminals; ii) the creation of freight rail highways (ex. Algeciras-Madrid-Zaragoza); iii) the signing of agreements with stakeholders organisations; iv) the SIMPLE project; v) the establishment of the terminal management model through alliances with Port Authorities and private investment; vi) the development of micro and real-estate logistics market; and vii) the recovery of assets whose usufruct had been assigned to Renfe.

My Stations Team adapted passenger services at railway stations for the liberalization of passenger transport in Spain and we developed and implemented safety management procedures in the areas of railway stations and logistics services.

- Job description**
- Business Management of Passenger Stations, Logistics Services, Electric Power, Real Estate and Urban Planning.
 - Management of ADIF and ADIF AV corporate group: 4 consulting and business corporations; 3 public-private collaboration entities; 14 railway integration companies; 6 consortia; 3 foundations; 4 real estate companies; 6 European Economic Interest Groups; 2 Associations; and 11 of different kinds.
 - Management of Haramain Project. High-speed line (300 km/h) between Medina and Mecca (453-kilometre-long) in Saudi Arabia. Total contract value EUR 6.736 billion. Member of the Board of the Spanish High-Speed Consortium Mecca Medina, S.A. (CEAVMM).
 - Management of ADIF and ADIF AV General and Customer Services.
 - Trustee and Member of the Governance Committee and Board of the Foundation of Spanish Railways.
 - Vice President of the Association of Large Consumers of Electric Energy in the Services Sector (GRANCEESS)
 - Secretary of the Steering Committee of the contract signed by ADIF, DCN (Distrito Castellana Norte) and Renfe; "Madrid Nuevo Norte" urban planning.

Dates 11/2008-01/2019

Name and address of employer State Aviation Safety and Security Agency of Spain (AESA), Ministry of Transport
Avda. General Perón 40, Portal B, 28020 Madrid, Spain

Type of business or sector Civil Aviation Authority

Position **Director of Safety Analysis and Quality Management (team of +150 people)**

Achievements *Creation of a new Directorate: DESATI, the new Directorate for which I was responsible, did not exist in the previous Spanish Aeronautical Administration. We created it from scratch. Today DESATI employs more than 150 people and has become a key Directorate to the Agency and an international reference in safety analysis, safety risk management and risk-based safety oversight planning.*

SSP: My team launched the modification of the Air Safety Act to include advanced enforcement policy and safety information use and protection provisions. Within 5 years it allowed Spain to multiply by 10 the number of aviation safety reports. We also developed the Strategic Safety Observatory and portals, software platforms supporting SSP processes implementation. RIMAS (Risk Management in Aviation Safety) methodology was awarded finalist for Franz Edelman Award (Achievement in Operations Research) granted by INFORMS (The Institute for Operations Research and the Management Sciences).

Quality: My team implemented AESA's Quality Management System (ISO 9001) and Quality Public Policies for General Administration, including AESA's training and qualification oversight program. The latter received the Honourable Mention for Quality, Innovation and Good Practices Awards from the Ministry of Transport.

Job description

- President of the Spanish SSP Coordination Committee: Coordination of the State Safety Program implementation. Safety risk assessment & collaborative decision making / Coordination with the European Plan for Aviation Safety (EPAS)
- Planning, development, and management of AESA's Annual Inspection Plan: safety oversight/ resource allocation / SMS implementation
- Compilation, evaluation, and exchange of safety-related information / Occurrences Reporting System (ORS)/ Safety Performance Indicators (SPIs) Program/ Safety promotion
- President of the Air Traffic Incident Analysis Committee (CEANITA)
- President of the Flight Data Monitoring (FDM) National Forum
- Chair of the ICAO Safety Management Panel (Annex 19) & Member of ICAO Safety Information Protection Task Force (SIP TF)
- Member of the Safety Management International Collaboration Group (SM ICG)
- Big Data Projects: SafeClouds (Horizon 2020) and Data4Safety; financed by EU
- Vice-President of both the Aircraft Safety and Air Navigation Experts Boards
- Vice-President of the Accident Investigation Recommendations Monitoring Committee/ Accidents analysis and follow-up
- Management of Passenger rights including Passengers with reduced mobility (PRMs) rights.
- Management of pilots and cabin crew licenses and approved training organizations / Synthetic Training Devices approvals.
- Management of aeromedical centres and examiners approvals.
- Implementation of AESA's Quality Management System: ISO 9001 & Quality Public Policies. President of AESA's ISO 9001 Quality Committee
- Planning and management of AESA's Internal Audit Program
- External audits management: EASA's standardization inspections and ICAO USOAP/CMA-EFOD
- Management of AESA's Strategic planning and policymaking
- Planning and management of AESA's Training and Technical Qualifications Program (before 2017)
- Participation in international technical cooperation projects financed by the European Commission: Armenia, Algeria, Morocco, Jordan, Ukraine, and China.

Dates **2004-2008**

Name and address of employer (Oct 2008) National Aviation Safety and Security Agency of Spain (AESA), Ministry of Transport
(2004-Oct 2008) General Directorate of Civil Aviation of Spain (DGAC), Ministry of Transport
Paseo de la Castellana 67, Madrid, 28071, Spain

Type of business or sector Civil Aviation Authority

Position 2007-2008 Deputy Director of Safety Inspection Coordination (team of 140 people)
2004-2007 Head of the Flight Safety and Inspection Division (team of 125 people)

Achievements *Safety oversight standardization: Development and implementation of safety oversight audit and inspection procedures for the Airworthiness and Flight Safety Inspection Division. My team developed comprehensive and up-to-date technical guidance material and procedures for technical personnel, enabling them to perform their safety oversight functions and responsibilities effectively and in a standardized manner.*

Continuing oversight program: Development and management of a continuing oversight program for commercial air transport operators, approved maintenance organizations, continuing airworthiness management organizations, aerial work operators, and maintenance technicians training organizations. We also launched two different ramp inspections programs: SAFA for foreign aircraft and SANA for national aircraft. We promptly became the second European country in SAFA inspections (more than 1,200 per year).

Serious crises management and answering queries from the media: i.e. Air Madrid was a Spanish airline operating in Europe, South and Central America and Israel. Due to unsafe practices a Directorate General of Civil Aviation inspection team, led by me, grounded several Air Madrid's flights, and eventually suspended Air Madrid's license altogether. Air Madrid suspended its operations on 15 December 2006, leaving more than 330,000 passengers stuck in Latin America and Spain.

Job description

- Strategic planning, management, and supervision of safety oversight inspections/audits: flight operations and continuing airworthiness. Commercial air transport, aerial work, and general aviation
- Strategic planning, management, and supervision of certification programs: issuing of authorizations/certificates to air carriers, aerial work operators, approved maintenance organizations, continuing airworthiness management organizations, pilots type rating, aircraft maintenance licenses and training organizations, ramp inspections (SAFA/SANA) and Synthetic Training Devices
- Coordination and supervision of the eight DGAC's regional offices
- Regulation proposals in the field of civil aviation safety
- AESA's representative at the Air Safety Committee (ASC) of the European Commission
- AESA's representative at EASA's Advisory Group of National Authorities (AGNA)
- Member of the Aircraft Safety Experts Board
- President of the State Tribunal: pilot exams
- President of the State Tribunal: aeronautical engineer public exams

Dates 2001-2002 (FULBRIGHT SCHOLARSHIP)

Name and address of employer SDI Media USA
Los Angeles, California, USA

Type of business or sector Entertainment Business

Position Subtitle Editor: Castilian Spanish-English

Achievements *Team lead: In 2001, I was awarded a Fulbright scholarship and moved to Los Angeles, California. I studied at the University of Southern California (USC). During my stay in LA, I also got my private pilot license at Santa Monica Municipal Airport while studying and working as Subtitle Editor (Castilian Spanish-English) for an Entertainment Business firm (SDI Media). I ended up being the team lead of the Castilian-Spanish department.*

Job description

- Translated and/or edited movie subtitles for DVD and performed quality control

Dates 1998-2004 (2001-02 FULBRIGHT SCHOLARSHIP)

Name and address of employer General Directorate of Civil Aviation of Spain (DGAC), Ministry of Transport
Paseo de la Castellana 67, Madrid, 28071, Spain

Type of business or sector Civil Aviation Authority

Position 2003-2004 Director of the Airspace Regulation & Planning Program (team of 15 people)
2000-2003 Head of the Airspace Office (SGSNAA) (team of 10 people)
1998-2000 ONA Civil Aviation High Technician (Air Navigation Office, SGSNAA)

Achievements *Design, development, and implementation of Madrid-Barajas TMA: In 2000, Aena began the construction of two new terminals and two new runways parallel to the existing ones. My team redesigned the whole TMA of Madrid-Barajas Airport to maximize its capacity. In 2007, the airport received more than 52 million passengers, and in 2009 it became the world's 11th busiest airport and Europe's 4th busiest airport.*

Implementation of Area Navigation (RNAV-PRNAV), RNP-10, FUA and RVSM in Spanish Airspace: We needed to coordinate closely with airlines, air navigation service providers (CNS/ATM), airspace designers, the Ministry of Defence, air traffic controllers and pilots' professional associations. Besides, my team designed and implemented safety cases for the different air navigation programs and modified the Spanish regulations accordingly.

Job description

- Supervision of Spanish airspace Infrastructure and instrumental procedures
- Coordination and management of air navigation programs (RNAV-RNP/RVSM/FUA)
- DGAC's representative at the International Civil Aviation Organization (ICAO): the Caribbean and South American ICAO States (GREPECAS) and the South Atlantic ICAO States (SAT) Teams
- President of the Interdisciplinary Group for the Implementation of the Random Navigation (RNAV-PRNAV-RNP) in Spain
- DGAC's representative at the Airspace and Navigation Team (ANT) Eurocontrol
- Member of the Airspace (PREA) and Air Navigation (PNA) Civil-Military Committees (CIDETRA)
- Permanent advisor for the Regulatory (PRE) Civil-Military Committee CIDETRA
- Member of the Flexible Use of Airspace (FUA) Civil-Military Team CIDETRA
- DGAC's representative at the Airports and Air Navigation Coordination Committee

EDUCATION AND TRAINING

- Dates** 2011-2013
Name of Institution URJC - Universidad Rey Juan Carlos, Madrid, Spain
Department of Statistics and Operational Research
Subjects Covered ■ Probabilistic Risk Analysis, Business intelligence & Decision Theory
Degree Awarded **Master in Business Analytics (Decision-Making Systems Engineering)**
- Dates** 2001-2002
Name of Institution USC - University of Southern California, Los Angeles, California, USA
Fulbright Scholarship: Viterbi School of Engineering and Marshall School of Business
Subjects Covered ■ Systems architecture and systems engineering
■ Project management
■ Advanced engineering economy
Degree Awarded **Graduate Certificate in Systems Architecture and Engineering**
- Additional Subjects Covered** Fulbright Scholarship: School of Policy, Planning and Development
■ Public organization and management theory
■ Human behaviour in public organizations
Courses taken from the Master in Public Administration
- Dates** 1996-2001
Name of Institution EOI - Escuela Oficial de Idiomas, Madrid, Spain
Subjects Covered ■ English
Degree Awarded **Five-Year Degree (Certificado de Aptitud)**
- Dates** 1998-2001
Subjects Covered ■ French
2 years of the Elemental Cycle Certificate (Certificado de Ciclo Elemental), Three-Year Degree
- Dates** 1987-1997 (March)
Name of Institution Escuela Técnica Superior de Ingenieros Aeronáuticos -ETSIA- Universidad Politécnica de Madrid (UPM), Madrid, Spain
Note: I also fulfilled my obligations imposed by the applicable law on military service
Subjects Covered ■ Aeronautical Engineering: aircraft, engines, navigation aids and airports
Degree Awarded **Master of Science (M.S.): Aeronautical Engineering**

PERSONAL SKILLS

Mother tongue(s) SPANISH

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user C2	Proficient user C2	Proficient user C2	Proficient user C2	Proficient user C2
French	Independent user B2	Independent user B2	Independent user B1	Independent user B1	Independent user B1
Portuguese	Proficient user C1	Proficient user C2	Independent user B1	Independent user B1	Basic user A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Excellent communication and skills
▪ Natural communicator, fluent in Spanish and English and intermediate in Portuguese and French.

Organisational / managerial skills Background in a fast-paced environment and working under deadline pressure
Problem-solving, conflict management, strategic vision, and planning
Leadership and motivation skills
Negotiation and analytical skills

ORGANIZATIONAL SKILLS TRAINING

- APERTIA:
 - Spokesperson Training for ADIF, April and June 2019
 - Group Coaching and Team Building, October and December 2019, and March 2020
- AEC (Spanish Quality Association): Risk Management, 2017
- CORAOPS: Blended Coaching, 2017
- Instituto de Comunicación Empresarial (ICE):
 - Effective internal communication and leadership, 2016
 - Spokesperson training, 2016
 - Communication in crises, 2017
- EuroFormac: Communication techniques for trainers, 2015
- LJT Associates Inc.: aviation communication techniques, 2010
- INAP (National Public Administration Institute):
 - National agencies, 2009
 - Quality Management Systems, 2009
- AESA: public administration quality commitment, 2009
- AENOR: upper management skills training (120 Hours), 2008
 - Quality Management System ISO 9001 (105 Hours), 2006
- Human Resources Directorate, Ministry of Transport:
 - Skills developing to improve interpersonal relationships in a labour environment, 2004
 - Problem-solving techniques, 2003
 - Negotiation techniques, 2003
 - Efficient communication. Public presentations in English, 1999
- IADA Certificate (Instituto de Aprendizaje y Desarrollo de Aena): time planning and management, 2004
- ETSIA: aeronautical engineering and project management, 1993

Job-related skills

- Private Pilot License FAA (USA) N° 2719190

TECHNICAL SKILLS TRAINING

- ICAO: Safety Management Systems (SMS), 2007
- SKITES: methods & tools for analysing safety risks, 2011 (42 Hrs.)
- Royal Academy of Sciences:
 - Prediction and evaluation of consequences for safety risk management, 2016
 - Models for risk management prediction, 2015
- Institut pour une culture de sécurité industrielle (ICSI): les facteurs humains et organisationnels de la sécurité dans les analyses des incidents de transfert aérienne, 2015
- AESA: instructor on several occasions of SMS and SSP courses
 - Airlines finance and economics, 2013
 - Flight Data Analysis, 2011
 - Airport security, 2010 / Aviation Security Awareness, 2014
- Airbus: Operator Safety Management System (SMS), 2011
- Ministry of Transport: Airworthiness certification, 2008
- SENASA:
 - Threat and Error Management (TEM), 2011
 - State Safety Program (SSP) implementation, 2009 (ICAO instructor)
 - Human factors in aircraft maintenance, 2009
- ECAC/JAA:
 - Safety Assessment of Foreign Aircraft (SAFA). Training of ramp check inspectors, 2004
 - TTI (Training Technology International) Certificate: JAA approved training course. Synthetic Training Device evaluation, 2004
- FAA Academy -Certificate of Training:
 - Basic RNAV (GPS/FMS/Loran-C) procedure development, Oklahoma City, USA, 1999
 - Airspace and procedures, Oklahoma City, USA, 1999
- The University of Kansas Certificate: Fundamental avionics, USA, 2000
- Eurocontrol: training session on Risk Analysis Tool (RAT), 2010
- Eurocontrol: Institute of Air Navigation Services; Luxembourg
 - ATM occurrence investigation (Stage 1, 2, 3), 2011
 - Safety regulatory audit course (Stage 1, 2, 3), 2003
 - Introduction to organizational excellence in ATM, 2000
 - The Flexible Use of Airspace (FUA), 1999
- Universidad Politécnica de Madrid (UPM): Instructor of Accident Investigation Course and Master of Aeronautical Systems Management, 2014-8
- Ministry of Transport/ DGAC and SENASA: Instructor *EU-OPS 1 and JAR-OPS 3*

Computer skills

Proficiency in Microsoft Office & Microsoft Project & Microsoft Power BI, ECCAIRS, GeNle, Minitab, Gambit, Eviews, Enterprise Dynamics/ Programming: R, Matlab, HTML

Other skills

Extensive travelling experience (North America, South America, Europe, Africa, Asia)

Driving licence

B

ADDITIONAL INFORMATION

Publications

- White Paper Vodafone – APD; *how can 5G boost the profit of your business*
- “Forecasting and assessing consequences of aviation safety occurrences” (ELSEVIER; Safety Science Vol. 111, Jan. 2019, Pg. 243-252);
- “A framework for risk management decisions in aviation safety at state level” (ELSEVIER; Reliability Engineering and System Safety 179 (2018) 74–82);
- “Safer Skies over Spain” Informs Journal on Applied Analytics (Vol. 15, No. 3, Sept. 2020, ISSN 2223-4373).
- Co-author of the book: Safety Granada, “Human Factors in High-Risk Complex Systems”. Co-Authors: James Reason, Erik Hollnagel, René Amalberti, & Daniel Mauriño
- “State Safety Programme in Spain” & “Safety information protection: legal provisions”; Information papers presented by Spain for the Second high-level safety conference, Montréal, February 2015.
- “Risk-based safety oversight” & “Risk management in aviation safety (RIMAS)”; Information papers presented by Spain for ICAO 39th Assembly, 27 Sep-07 Oct 2016.

Presentations Conferences Seminars

- Speaker at Innotren; 2019 and 2020; organized by Executive Forum and Eurogestión and, in 2020, in collaboration with IE (Instituto de Empresa) - IE Business School
- Speaker at the Business Conference: Connected and Sustainable Cities; organized by The Economist, March 2020
- Speaker at FITUR; 2019, 2020 and COP 25 (Dec. 2019) at the stand of ADIF, Ministry of Development
- Speaker at the Safety Information Management Workshop, 22-23 May 2018, Shanghai
- Speaker at the IATA Aviation Data Symposium; 15 - 16 November 2017, Miami, USA
- Speaker at the ICAO Safety Management Symposium; Tallinn, Estonia on 18 Oct. 2017
- Speaker at the IATA Safety Management Conference; Abu Dhabi, October 25-27, 2016
- Speaker at the General Council of the Judiciary School: Accidents and Incidents Inv.; 2016
- Speaker at 2016 ComplexWorld Event, organized by Innaxis at EASA, “Data science to support the development of a State Safety Programme”; September 2016.
- Speaker at the International Workshop organized by the Royal Academy of Engineering: “Advances and Applications of Data Science & Engineering”; June 2016
- Speaker at EASA, EASP Summit, “The preventive approach to safety oversight”; May 2012
- Speaker at the 12th ATENEO safety workshop: “SSP implementation; Safety Management Systems (SMS)”. 23-24 June 2011; Buenos Aires

Honours and awards

- Finalist 2019 Franz Edelman Award for Achievement in advanced analytics, operations research, and management science; granted by INFORMS (The Institute for Operations Research and the Management Sciences), USA
- Finalist 2012 Practice Award for AESA: “Decision analysis in search for safer skies”, The Decision Analysis Society of INFORMS (the Institute for Operations Research and the Management Sciences), USA
- Ministry of Transport: Honourable Mention for Quality, Innovation and Good Practices Awards, 2011
- INAP: Award for the best performance in the management of Training for Employment in Public Administrations, 2014
- First Place in the Public Examinations for the State Aeronautical Engineers Body (Ministry of Transport) (1997-1998)

Memberships

- Trustee of the Spanish Railways Foundation, 2019-20
- Member of the Board of the Spanish High-Speed Consortium Meca Medina, S.A. (CEAVMM). 2019-20
- Vice President of the Association of Large Consumers of Electric Energy in the Services Sector (GRANCEESS), 2019-20
- Aeronautical Engineers of the State, 1998-Present
- Fulbright Alumni Association, 2001-Present
- President of the Air Traffic Incident Analysis Committee (CEANITA), 2008-18
- Vice-President of the Aircraft Safety Experts Board, since its inception until 2018
- Vice-President of the Air Navigation Safety Experts Board, since its inception until 2018
- Vice-President of the Accident Investigation Recommendations Monitoring, since its inception until 2018
- ICAO Safety Management Panel (Annex 19); member since its inception until 2018, Chairperson 2017-18
- ICAO Safety Information Protection Task Force; since its inception until its end
- Member of the Safety Management International Collaboration Group (SM ICG), since its inception until 2018

References

ALL REFERENCES AVAILABLE UPON REQUEST