



PIER LUIGI CHERCHI

Flight Operations & Human Factors Specialist



About Me

Multidisciplinary professional with a strong background in aviation mission systems, data management, and human performance. Over 10 years of progressive experience across technical operations, flight data systems, and leadership in high-pressure environments. Currently exploring opportunities to bridge aviation technology, human performance, and psychological insight in high-complexity environments.

Contact

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[Portfolio](#)

Cagliari, Italy

Skills

- Project Management
- Critical Thinking
- Decision Making
- Problem Solving
- Negotiation
- Optimization
- Leadership

Language

Italian

English

Spanish

100%

90%

50%

Working Experience

Mission Planning and System Integration Team Leader

AJT (Advanced Jet Training) IFTS

2021 – Present

- Support for the 212th Flight Group of the 61st Wing IFTS - International Flight School
- Server admin, database management (SQL), and Flight Data Integrity Assurance.
- Avionic Integration and follow up on M346 Jet Trainer
- Planning and Creation of Operational Flight Plans (VFR-IFR) and Tactical Planning
- Management of CVR (audio-video), Debriefing Support, Software & Error Reporting
- Hardware & Software Acceptance: Validation, troubleshooting, and integration of mission-critical systems ensuring data integrity and operational reliability.

Aviation Consultant/Flight Ops

Avion Express/Harmony Jets Ltd/Luxwing Ltd

2019 – 2021

- Flight planning, Monitoring, Ground Coordination (Airbus A320 family, Boeing 737, Embraer P500/P300/P100 Cessna Citation I/III/IV/VII/X)
- It Integration and Server Management
- Fleet optimization, technical support categorization, and monitoring and optimizing crew FTL (Flight Time Limitations) EFB (Electronic Flight Bag)
- Hardware & Software Acceptance: Validation, troubleshooting, and integration of mission-critical systems ensuring data integrity and operational reliability

Marketing Leader

Easy PA Ltd, Malta

2018 – 2019

- Support the marketing leadership team through the organization and administrative support for various projects.
- Conduct research for key marketing campaigns.

Warehouse and Buyer Leader

Whisper Ltd, Malta

2017 – 2018

- Supplying radio and video equipment on a large scale for tourism.
- Customer Identification and Orientation.
- Purchasing management and optimization
- Handling customs clearance procedures with identification processes in the EU Combined Nomenclature

Key Achievements

- Led the full mission data integration process across aircraft and simulators, ensuring 100% operational consistency.
- Authored and implemented internal procedures that improved data traceability and cross-department coordination.
- Supported RTMS and software acceptance phases, bridging gaps between IT, maintenance, and operations.
- Developed training materials for junior dispatchers and internal users, promoting a culture of reliability and awareness.
- Introduced human-factor principles into operational routines, improving team stress management and communication clarity.
- Acted as primary point of contact between Italian Air Force and Leonardo/CAE units for data-flow alignment and mission debrief support
- Demonstrated adaptive leadership, guiding a small high-performing team through resource shortages without operational failures

Information Technology

Systems & Tools

- Networking & Local Server Configuration (VLAN, NAS, Remote Access via PuTTY/SSH)
- Database Administration (Oracle SQL, Data Extraction & Logs Review)
- System Monitoring & Troubleshooting (Windows/Linux Environments)
- Document Management & Reporting Tools (SharePoint, Excel Pivot, PDF Automation)
- Mission Planning (JMPS, PPS, Rocket Route, GEO IMP, AIP)
- AI Prompt

Languages & Automation

- Python, HTML, CSS, PowerShell, Git & GitHub, Bash, CMD
- SQL & Data Queries

Education

Unimercatorum Rome

2024-2026

Bachelor's in Applied Psychology

Alpha one Malta

2018 - 2019

Easa Flight Dispatcher Licence LICENCE NO. 2016-007

High School Diploma

2002 - 2007

Quantity Surveyor

Certificates

- TEA ICAO Level 4
- EIPASS 7
- ETOPS
- Safety Management System (SMS) Awareness
- Crew Resource Management (CRM)
- Internal Certification – Secure Server Management (PuTTY, SSH, Remote Logs)
- Microsoft Excel Advanced + VBA