

Jørn A. Jernsletten, Dr. Philos.

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Education

Doctor Philosophiae (Dr.Philos.), Geophysics and Planetary Science

University of Bergen, Norway
2004

Master of Aeronautical Science, Space Studies

Embry-Riddle Aeronautical
University
1997

Bachelor of Science, Computer Science

Southeastern Oklahoma State
University
1993

Certifications & Training

- Flight Training through an EASA / Norway CPL(A)/ME/IR Certificate, with a Frozen ATPL
- FAA ATP AMEL / I Certificate with E170/E190 and EMB-145 Type Ratings
- FAA Gold Seal Flight Instructor [MEI / CFI / CFII]

Summary of Qualifications

- **Expert in geophysical, military, and aerospace systems, specializing in data analysis, instrumentation, and real-time operations in remote environments.**
- Conducted seismic exploration in North Africa, Alaska, the Gulf of Mexico, and the Middle East / Iraq, leveraging high-tech tools to ensure mission success.
- Exceptional communication and interpersonal skills with a track record of mentoring high-performing teams of QC Geophysicists from diverse socio-cultural backgrounds by fostering inclusive environments and encouraging feedback.
- **Technical Skills:** Mesa, ProMAX, GEDCO Vista, Sercel 408XL/VE432 Recording Systems, ESRI ArcGIS, ESRI ArcView, MatLab, Visio, RNN ASYO weapons radar operator, infantry (tactics, weaponry), jet piloting, marine & aviation navigation.

Work Experience

PSA Airlines (dba American Eagle) Sep. 2023 – Jan. 2024
Direct Entry Captain (DEC); MHI / Bombardier CL-65 [CRJ-700 / CRJ-900] Captain / Pilot / Pilot in Command

Champlain Enterprises (dba CommutAir / United Express) May 2021 – Nov. 2022
Embraer E-145 Captain / Pilot / Pilot in Command
Embraer E-145 First Officer / Second in Command

ExpressJet Airlines (dba United Express) Jul. 2019 – May 2021
Embraer E-175 First Officer / Co-Pilot / Second in Command

SkyWest Airlines (dba United Express, Delta Connection) Jul. 2018 – Jul. 2019
Embraer E-175 First Officer / Co-Pilot / Second in Command

Mesa Airlines (dba United Express) Apr. 2017 – May 2018
Embraer E-175 First Officer / Co-Pilot / Second in Command

Anson Aviation Jan. 2016 – Oct. 2019
FAA Gold Seal Flight Instructor [MEI / CFI / CFII]. Part 141 Check Instructor

Global Geophysical Services Aug. 2012 – Apr. 2015
Geophysical Supervisor, Alaska Operations & Marine Operations

- Led geophysical field operations for 2 full winter seasons on the North Slope of Alaska, successfully managing seismic data acquisition in extreme Arctic conditions, ensuring 100% data integrity despite harsh environmental challenges.
- Supervised quality control (QC) and in-field processing for marine geophysical acquisition projects.
- Designed and executed 3D seismic survey plans for both bid proposals and active projects, including recording scripts generation and processing field test data using Mesa and ProMAX software.

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Flight Hours (hh:mm)

Total Flight Hours: 3,351:02

Jet PIC: 203:20

Jet SIC: 1,546:02

Hours as CFI: 1,107:30

Cross Country: 2,216:13

Night: 445:58

Instrument: 368:48 (196:54
actual / 171:54 sim.)

PIC: 1,736:14

Instruction Received: 684:17

Helo: 11:54

Military Awards

- United Nations Service Medal, United Nations Interim Forces in Lebanon (UNIFIL)
- Royal Norwegian Navy Draft Service Medal
- Royal Norwegian Navy 30-km Forced March Medal
- Royal Norwegian Navy Sharpshooter's Medal

Areas of Expertise

- Jet Plane Piloting
- Infantry (Tactics, Weaponry)
- Marine & Aviation Navigation
- Seismic Data Processing
- Photogrammetry

Work Experience Continued

NodalSeismic

Aug. 2010 – Jul. 2012

Director of Geophysics

- Led and supervised geophysical field processing and quality control (QC) for seismic acquisition operations and project startups.
- Developed innovative field processing methods to transition receiver-domain seismic data from a fully cable-free acquisition system (FairfieldNodal ZLand) into source domain, using GEDCO Vista software and Fairfield format field data, which reduced field processing time by 10-20%.

Global Geophysical Services

Jan. 2010 – Aug. 2010

Senior Field Geophysicist

- Assumed increasing responsibilities for seismic project startups, leading the training of QC personnel and overseeing field crew geophysical QC operations.

Global Geophysical Services

Aug. 2007 – Dec. 2009

Field Geophysicist

- Oversaw field development, testing, and production for slip-sweep harmonic noise removal on Crews 667 and 668 in Algeria, USA, and Mexico.
- Supervised a team of 11 personnel in the QC and field processing department for a 2,560 km² ISS 3D seismic project for BP Exploration Algeria.
- Managed QC operations on the ~79,000 channels per shot Piceance Creek 3D project for ExxonMobil.

Global Geophysical Services

Oct. 2006 – Jul. 2007

Field Geophysicist II

- Executed 3D seismic surveys, including shot script generation, field data quality control, and in-field geometry processing using Mesa and ProMAX software.
- Managed data shipment, production analysis, and tracking, contributing to on-time delivery of high-quality seismic data for clients such as Conoco and OXY USA across multiple states (Texas, Oklahoma, Kansas, Colorado, and California).
- Spearheaded development, field testing, and production for HFVS processing flows as part of Crews 445 and 446.

Global Geophysical Services

Jan. 2006 – Sep. 2006

Junior Observer

- Led seismic recording and ensured data quality for Crew 446 and Crew 888 across multiple states, including Texas, Oklahoma, Colorado, Kansas, and California.
- Proficient in the Sercel 408XL/VE432 recording system, with formal training through the Sercel 408XL Recording System Course.