Acronyms and Abbreviations

O

O-CDMA Optical Code Division Multiple Access

OA Optical Augmentation; Operations Analysis; Open Architecture

OADR Originating Agency's Determination Required

OAMCM Organic Airborne Mine Counter Measures (system)

OAR Open Air Range

OAS Offensive Avionics Suite

OASE Offensive Aircraft Survivability Equipment

OASIS Operational Analysis for Systems Simulation; Organic Airborne and Surface Influence Sweep; OTH Airborne Sensor Information System; Organically Assured and Survivable Information System

OASYS Obstacle Avoidance System

OAV Organic Air Vehicle (*e.g.*, unmanned air vehicle)

OB OUTBOARD

OBCM Off-Board Countermeasures

OBDF OUTBOARD high frequency Direction Finder

OBESA On-Board Enhanced Situational Awareness (system)

OBEWS On-Board Electronic Warfare Simulator

OBIA Offshore Biologically Important Areas (*e.g.*, where SURTASS is not to be employed)

OBJ On-Board Jammer; Objective

OBO Oil/Bulk/Ore (ship)

OBOGS On-Board Oxygen-Generating System (for aircraft)

OBP On Board Processor; Oceans Beyond Piracy (non-governmental organization)

OBS On-Board System; Observation

OBT On-Board Training; On-Board Trainer

OBTS On-Board Training System

OC Oleoresin Capsicum (a form of tear gas); Observer Controller

OCA Offensive Counter-Air (*e.g.*, functional position on AWACS aircraft)

OCADS Overhead Chemical Agent Dispersal System

OCC Offensive Counter Cyber

OCCAM Programming Language (U.K.)

OCCM Optical Counter-CounterMeasures

OCD Operational Concept Document; Operational Concept Demonstration

OCDCI Observer Controller Data Communication Interface

OCM Off-board Countermeasures; Optical CounterMeasures

O-CDMA Optical Code Division Multiple Access

OCMS Optical Countermeasure System

OCO Offensive Cyberspace Operations; Overseas Contingency Operations

OCONUS Outside the Continental United States

OCR Optical Cross Section; Optical Character Reader

OCS Officer Candidate School; Offensive Counterspace (operations); Operator Control System

OCSIT Office of Citizen Services and InnovativeTechnologies (in Office of Management and Budget – OMB)

OCSP Online Certificate Status Protocol (DoD)

OCSW Objective Crew-Served Weapon (advanced machine gun)

OCT October; Optical Coherence Tomography (*e.g*., a 3-D retinal imaging technology)

OCU Operational Control Unit; Operator Control Unit

OCV Orbital Combat Vehicle

OCXO Oven-Controlled Crystal Oscillator

ODBC Open DataBase Connectivity

ODDS Off-board Deception Device

ODFL Overmatching Direct Fire Lethality

ODIN Observe, Detect Identify, Neutralize

ODMRP On-Demand Multicast Routing Protocol (*e.g.*, network routing protocol)

ODS Operational Data Store

OE OptoElectronics

OEF Operation Enduring Freedom (Afghanistan, *ca* Oct 2001)

OEIC Opto-Electronic Integrated Circuit

OEIR *Outils d'Exploitation des Images Radar* (France)

OEO OptoElectronic Oscillator

OEW Offensive Electronic Warfare

OEWTPS Organizational-level Electronic Warfare Test Program Set

OFDM Orthogonal Frequency-Diversity Multiplexing; Orthogonal Frequency Division Multiplexing

OFK Operations Fusion Kit (*e.g*., designed to provide instant coordinated voice, video and information sharing with military partners, *ca* 2014)

OFM Own Force Monitoring; Orthogonal Frequency Modulation

OFP Operational Flight Program

OFT Operational Flight Trainer; Office of Force Transformation (OSD)

OFW Objective Force Warrior (*i.e.*, individual combat system worn by a warfighter in a small combat team); Oblique Flying Wing

OGA Other Government Agencies; One Generation Ahead (*e.g.*, software)

OGB Optimized Gun Barrel (for CIWS)

OGE Out of Ground Effect (helicopter hover term). See IGE

OGR Organic **GMTI** Radar

OGSI Opportunity Growth and Security Initiative (DoD *ca* 2013)

OHE Ordnance Handling Equipment

OHR Over the Horizon Radar (also OTH-R)

OICETS Optical Interorbit Communications Engineering Test Satellite

OICW Objective Individual Combat Weapon

OID Object IDentifier (computer programming)

OIF Operation Iraqi Freedom (*ca* 2003)

OIP Optical Information Processing

OIS Optical Imaging System; Orbit Improvement System (*e.g.*, TACAMO); Objective Instrumentation System

OIW Offensive Information Warfare

OJT On-the-Job Training

OLAP Online Analytical Processing

OLED Organic Light-Emitting Diode

OLEDB Object Linking and Embedding DataBase

OLEDS Organic Light-Emitting Diode

OLF Outlying Field (*e.g.*, an airfield used for aircraft carrier landing practice)

OLS Operational Linescan System; Optical Landing System (Navy)

OLSR Optimized Link State Routing (*e.g.*, network routing protocol)

OLTP On-Line Transaction Processing

OM Operations Management

OMEGA Optimized Method for Estimating Guidance Accuracy (VLF Navigation System)

OMFTS Operational Maneuver From The Sea (USMC)

OM&S Operate, Maintain and (logistically) Support

OMV Orbital Maneuvering Vehicle

ONA Operational Network Assessment; Operational Net Assessment

ONE-NET OCONUS Navy Enterprise Network

ONFT Operations/Navigation Flight Trainer

ONMN On-Board Microwave Modem

ONNS Optical Network Navigation System

ONR Office of Naval Research

ONSTA On Station

OOB Order of Battle; Out Of Band

OOD Object-Oriented Design; Officer-of-the-Deck

OODA Observe, Orient, Decide, Act (C^2 decision-making process); Observation, Orientation, Decision, Action

OOK ON/OFF Keying; Out-of-Kilter (algorithm)

OOSEM Object Oriented Systems Engineering Method

OOTW Operations Other Than War

OP Observation Point; Operation

OP-V Operations Vehicle

OPAL Orbiting PICOSATELLITEICOSATELLITE Orbital Launcher

OPBAT Operation Gahamas, Turks and Caicos (*e.g.*, USCG anti-illegal drug program)

OPC Offshore Patrol Cutter (USCG)

OPCOM OPerator-Control and Measurement (system)

OPCON OPerational CONtrol

OPDEC OPerational DEception and Cover

OPDS Off-shore Petroleum Discharge System (*e.g.*, ship)

OPERA *outil de préparation et de restitution de mission avancé* (advanced tool for mission planning and post-mission analysis)

OPFOR Opposing Force

OPNAV Office of the Chief of Naval Operations

OPO Optical Parametric Oscillator

OPORD OPeration ORDer

OPSEC Operational Security

OPSNET Operations Network (legacy-to-new system interoperability application)

OPSUM OPerations SUMmary

OPTEMPO Operational Tempo

OPTEVFOR Operational Test and Evaluation Force

OPTI "On Top" Position Indicator (ASW)

OPTICAM Optics Automation and Management

OPTINT Optical Intelligence

OPV Offshore Patrol Vessel

OP-V Operations Vehicle

OPW Objective Personnel Weapon

OR Operational Requirement ; Operations Research; Operational-Ready
(system readiness rate)

ORACLE Optimized Reliability and Component Life Estimator; a relational
database management system software package

ORASIS Optical Real-time Adaptive Spectral Identification System

ORBAT Order of Battle

ORBIT Open-access Research Testbed (for Next-Generation Wireless
Networks)

ORCHID Optical Cooling and Heating in Integrated Devices (DARPA)

ORCLE Optical and RF Combined Link Experiment (DARPA *circa* 2003);
Optical RF Combined Link Experiment

ORCON ORiginator CONtrolled (related to message security)

ORD Operational Requirement Document; Ordnance

ORP Objective Rally Point

ORS Operationally Responsive Space (Joint initiative *circa* 2004)

ORSMC Off-Route Smart Mine Clearance System

ORSS Ocean, Radar and Sensor System

ORTA Office of Research and Technology Applications (USAF)

OS Operating System; "Oh, Shit" (warning lamp) [refers to an aircraft
cockpit red warning lamp which activated when a SAM came off the rails];
Outlaw Shark

OSADS Optical Signature, Acquisition, and Detection System (USAF)

OSAP Ocean Surveillance Air Patrol

OSC Oscillator (electronics); Optical Sensor Converter; Operations System
Center (USCG)

OSCA Operational Systems Communication Architecture

OSCAR Ocean Sediment Carbon Aerobic Reactor; Open System Core Avionics Requirement (*e.g.,* for integration of advanced weaponry on Harrier II)

OSCOR Omni Spectral Correlator

OSD Object-based Storage Device

OSD Office of the Secretary of Defense

OSF *Optronique Secteur Frontal* system (France); Operational Support Facility

OSI Open Systems Interconnection; International Organization for Standardization; Open Source Initiative

OSINT Open Source Intelligence, Open Source Information

OSIRISM Optimized Strategies for Risk Assessment of Industrial Chemicals through Integration of Non-Test and Test Information (Netherlands)

OSIS Ocean Surveillance Information System

OSL Offensive Sensors Laboratory (NATC)

OSO Offensive Systems Officer (*e.g.*, bomber aircraft station)

OSP Ocean Surveillance Product; Orbital/Suborbital Program

OSRVT One-System Remote Video Terminal

OSS Operational Support System; Open Source Software; Operational Support Squadron

OSV Offshore Support Vessel

OSW Objective Sniper Weapon

ot other

OT Operational Test

OTC Officer in Tactical Command

OTCIXS OTC Information Exchange System

OTDR Optical Time Domain Reflectometer

OTEC Ocean Thermal Energy Conversion

OTH Over the Horizon

OTH-B Over-the-Horizon Backscatter (radar)

OTH DC&T Over-the-Horizon Detection, Classification & Targeting

OTH-F Over-the-Horizon Forward scatter

OTH-R Over-the-Horizon Radar (also OTHR)

OTH-RHIB Over-the-Horizon Rigid-Hull Inflatable Boat (USCG)

OTH-SW Over-the-Horizon - Surface-Wave (radar)

OTH-T Over-the-Horizon Targeting

OTL Output TransformerLess

OTM On-The-Move (antenna technology)

OTM-COC On-The-Move Combat Operations Center (USMC ca 2005)

OTRR Operational Test Readiness Review

OTT Operator Tactics Trainer (Patriot system trainer)

OTV Orbital Transfer Vehicle; Outer Tactical Vest (*e.g.*, a form of body armor)

OUE Operational Utility Evaluation (*e.g.*, "OUE of KC-135" *ca* 2010)

OUP Operation Unified Protector (*ca* 2011)

OUTBOARD Organizational Unit Tactical Baseline Operational Area Radio Detection

OV Operational View (*e.g.*, architectural framework products, which includes All Views [AV], Operational Views [OV], System Views [SV], Technical Views [TV])

OVAL/CVSS Open Vulnerability and Assessment Language/Common Vulnerability Scoring System (*e.g.*, part of SCAP)

OWL One-Watt Linear (cryogenic cooler); Ontology Web Language (Note: other Web languages include <u>HTML</u> AND <u>XML</u>)

OXCO Oven-controlled Crystal Oscillator