

Acronyms and Abbreviations

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F

F Fahrenheit; Farad; Fuze

f Frequency

F2T2EA - Find, Fix, Track, Target, Engage, and Assess (*i.e.*, the USAF KILL CHAIN)

FA Frequency Agile

FAA Federal Aviation Administration; Functional Area Analysis (*e.g.*, in integrated architecture)

FAAD Forward Area Air Defense

FAAWC Force Anti-Air Warfare Coordinator

FAB Fast Action Button

FAB-T Family of Advanced Beyond line-of-sight Terminals

FAC Forward Air Controller (now [*ca* 2005] called Joint Terminal Attack Controller); Fast Attack Craft; Fast-Acting Closure

FAC²T Family of Advanced Core Cryptographic Technologies

FACE Forward Aviation Combat Engineering; *Futur Avion de Combat Européen* (French aircraft)

FACETS Flywheel Attitude Control, Energy Transmission and Storage System (a tri-flywheel configuration used to store energy as momentum)

FACIT FAcility Circuit Information Tracking

FACT Force Anti-air warfare Coordination Technology; Focus Area Collaborative Team (*e.g.*, MOUT FACT); Framework for Assessing Cost and Technology

FADEC Full Authority Digital Engine Control

FADR Fixed position Air Defense Radar (Czech Republic); Hungary; NATO *ca* 2013)

FAE Fuel-Air Explosive (see also THERMOBARIC WEAPON)

FAIT Fast Analysis Infrastructure Tool (DHS)

FAK Faker

FALCON Fuel-Air Line Charge Ordnance Neutralizer

FALCON Force Application and Launch from the Continental United States (*e.g.*, DARPA program *ca* 2003)

FALOP Forward Area Limited Observing Program (Army)

FAM Fiber Alarm Modem; Fast Auxiliary Memory; Flexible Attrition Model

FAME Frequency-Agile Materials for Electronics

FAMP Forward Area Minefield Planner

FANTASTIC Future Air Navigation & Traffic Avoidance Solution Through Integrated Communications

FAQ Frequently Asked Questions

FAR False Acceptance Rate (contrast with FRR); Federal Acquisition Regulation

FARIRS Flexible Adaptive Reconfigurable Integrated Radio-frequency System (*e.g.*, to integrate RF front-end with digital back-end)

FARM Facilities for Antenna and RCS Measurement

FAROES Fleet Automatic Reconstruction and Opportunity Evaluation System

FARP Forward Arming and Refueling Point; Forward Air Refueling Position

FARS Fast Acquisition Receiver System

FASCAM Family of ScAtterable Mines

FASM Forward Air Support Munition (Navy)

FASMWC Fleet Anti-Submarine and Mine Warfare Command

FASS Frequency-Agile Signal Simulator

FASSTER Federal Aviation Surveillance System for Test and Evaluation Ranges

FAST Fleet Anti-terrorist Security Team; Fleet Anti-terrorism Security Team; Fuel Armament Storage Tank; Flexible Acquisition Sustainment Tool; Flexible Access Secure Transfer (*e.g.*, protocol for tactical data links); Flexible Assured Secure Transmission; Future-responsive Access to Space Technologies (*e.g.*, USAF program)

FASTC Foreign Aerospace Science and Technology Center (USAF)

FASTRAC Formation Autonomy Spacecraft with Thrust, ReInav, Altitude and Crosslink (*e.g.*, nanosatellite)

FASWC Fleet Anti-Submarine Warfare Command

FATE Federated Assessment and Targeting Enhancement

FATS FireArms Training System

FAU Forward Antenna Unit (*e.g.*, in small bulbous cover under aircraft nose cone - used in EW system)

FAV Fast Attack Vehicle

FAX Facsimile (machine); Fuel Air Explosive

FBA Family of (modularized) Body Armor

FBAH Future Battlefield Attack Helicopter

FBCB² Force XXI Battle Command Brigade-and-Below (also FBCB2)

FBE Fleet Battle Experience; Fleet Battle Experiment

FBL Fly-by-Light

FBW Fly-by-Wire; Fractional BandWidth

FBX-T Forward Based X-band radar - Transportable

FBXB Forward-Based X-Band

FC Fire Control

FCA Functional Configuration Audit

FCBA Future Carrier-Borne Aircraft (U.K.)

FCC Fleet Command Center; Federal Communications Commission; Fleet Cyber Command

FCFS First-Come, First-Served

FCG Flux Compression Generator

FCID Fast Constrained Iterative Deconvolution (method for improving angular resolution of SCANNING radars)

FCIP Fiber Channel over Internet Protocol

FCLAS Full-spectrum Close-in Layered Shield

FCLV Future Command and Liaison Vehicle (Italy; U.K.)

FCR Fire Control Radar

FCS Fire Control System; Flight Control System

FCS Future Combat System (Army *ca* 2005)

FCS-C Future Combat System - Communications

FCT Foreign Comparative Test(ing); Fire Control Technician

FD Full Duplex; Firing Device (*e.g.*, for a mine)

FDAR Fast Deploy and Retract (*e.g.*, towed decoy)

FDAU Flight Data Acquisition Unit [used with the Flight Data Recorder (FDR)]

FDC Flexible Display Center (U.S. Army)

FDCS Flight Deck Communications System

FDD Frequency Division Duplexing; Flight Data Display

FDDI Fiber Distribution Data Interface; Fiber Distributed Data Interface

FD DS Flag Data Display System

FDMA Frequency Division Multiple Access

FDNF Forward Deployed Naval Forces

FDO Flexible Deterrent Operations; Fighter Director Officer (*circa* 1946)

FDOA Frequency Difference of (signal) Arrival

FDQAM Frequency Diversity Quadrature Amplitude Modulation

FDR Future Digital Radio; Frequency Domain Reflectometry; Flight Data Recorder

FDS Fixed Distributed System; Fixed Distributive System

FDT Flight Data Transmitter; False Doppler Target (jamming); Forward Deployed Trainer (*e.g.*, for the P-3C)

FDTD Finite-Difference Time-Domain (electromagnetic analysis method)

FDX Full Duplex

FE Flight Engineer; Field Emission

FEA Functional Economic Analysis; Federal Enterprise Architecture

FEAF Federal Enterprise Architecture Framework

FEBA Forward Edge of the Battle Area

FEC Forward Error Correction (a code, such as Reed Solomon, for satellite & space communications & mass storage)

FECS Field-Expedient Countermine System (for clearing magnetically fuzed land mines)

FED Field-Effect Diode; Field Emission Display; Federal

FEDL Force E-mail Distribution List (superseded by a new list server *ca* 2007)

FedRAMP Federation Risk and Authorization Management Program

FEDS Flight Experience Data System; slang term for federal agents

FED-STD FEDeral STandarD

FEFO First-Ended, First-Out

FEL Free-Electron Laser

FELIN *Fantassin à Équipements et Liaisons Intégrées* (French integrated soldier equipment and communications)

FELS Fast Emitter Location System (European Union)

FEO Forcible Entry Operations

FEP FLTSATCOM EHF Package; Firepower Enhancement Program (USMC)

FERC Federal Energy Regulatory Commission

FERROD Ferrite Rod (antenna)

FES Flywheel Energy Storage; Force Entry Switch

FESS Flywheel Energy Storage System

FET Field-Effect Transistor [one of two distinct families of transistors, the other being bipolar junction transistor (BJT)]

FEWS Follow-On Early Warning System

FEWSG Fleet Electronic Warfare Support Group

F&F Fire-and-Forget

FFAR Folding-Fin Aircraft Rocket; Folding-Fin Aerial Rocket

FFI Full Force Integration

FFIR Friendly Force Information Requirements (NATO)

FFISTS Fast Frigate Integrated Shipboard Tactical System

FFM Fire-and-Forget Missile

FFP False Force Presentation

FFR Free-Flooded Ring (*e.g.*, Sonar)

FFRDC Federally Funded Research and Development Center

FFS Force Fusion System

FFSK Fast Frequency Shift Keying

FFT Fast Fourier Transform

FFW Future Force Warrior

FGBAD Future Ground Based Air Defense (Netherlands)

FH Frequency Hopping

FHSS (or FH/SS) Frequency Hopping Spread Spectrum

FI Foreign Interoperable (*e.g.*, FI HAIPE)

FIA Future Imagery Architecture (NIMA)

FIB Focused Ion Beam (*e.g.*, "FIB microscope")

FIBL FORCEnet Implementation BaseLine

FIBUA Fighting in Built-Up Areas (See also MOBA)

FIC Fractal Image Compression

FICCS First In Command and Control System

FICS Fully Integrated Communications System (NATO)

FICSIF Fully Integrated Communications System Integration Facility (NATO)

FID Foreign Internal Defense (A CALO mission category)

FIDL Fully Integrated Data Link

FIDNet Federal Intrusion Detection Network

FIDO Fiber Diversity Optimizer (*i.e.*, software used in fiber-optic architecture)

FIFO First-In-First-Out

FIIU Force Imagery Interpretation Unit

FIFV Future Infantry Fighting Vehicle

FIMS Forensic Incident Management Service

FINED Finnish Network Enabled Defense (Finland program)

FINDER Flight INserted Detector Expendable for Reconnaissance (a mini-UAV)

FIOP Family of Interoperable Operational Pictures (*e.g.*, used to integrate operational pictures across services and forces)

FIRST Far Infrared Spectroscopy Telescope; Fast InfraRed Sniper Tracker; Forum of Incident Response and Security Teams

FIS Fighter Intercept Squadron; Fast Indirect Synthesizer

FISINT Foreign Instrumentation and Signals Intelligence

FISMA Federal Information Security Management Act (*circa* 2002)

FIST Fleet Imagery Support Terminal; Fighting Infantry Soldier Technology (U.K.); Fire Support Team (also *FiST*); Future Integrated Soldier Technology (U.K.); Field Intelligence Support Team (USCG); Field Information Support Tool

FIST2FAC Fleet Integrated Synthetic Training Testing Facility (Navy simulator training *ca* 2013)

FIT First Indication of Trouble; Fault-Isolation Test; Fleet Introduction Team

FITS Fully Integrated Tactical System (Spanish Navy; Brazilian Navy)

FIU Fingerprint Identification Unit

FIV Future Infantry Vehicle

FIXS Federation for Identity and Cross-credentialing System (also FIXs)

FIWO Force Intelligence Watch Officer

FJCA Future Joint Combat Aircraft (also F-35 Joint Strike Fighter, JSF)

FL Flight Level

FLAG Fiber Link Around the Globe (privately-owned cable system *ca* 2006)

Flak *Fliegerabwehrkanone* (Flyer defense cannon – German) Anti-aircraft shrapnel burst (Thanks to <http://www.acronymfinder.com> for this one)

FLAMES Family of Lightweight Advanced Mobile-mounted Electronic-attack

Systems

FLAN Flying Local Area Network

FLAPERON Combination FLAP and ailERON

FLASH Folding Lightweight Active Sonar for Helicopters; Flying Laser self-defence system Against Seeker Head missiles (Germany)

FLC Federal Laboratory Consortium

FLE Fatigue Life Expended

FLEAS Flexible Light Electronic Attack System

FLEEDO Focused Logistics: Enabling Early Decisive Operations

FLEWS Formation Light Electronic Warfare System (Australian program - 2000)

FLEX LAVR Flexible Large Area Vulnerability Report

FLIR Forward Looking Infrared

FLIRT (a seduction IR decoy)

FLM Flight-weighted Laser Module; Focused Lethal Munition

FLMP Fatigue Life Management Program (aircraft)

FLO Frequency Locked Oscillator

FLOP Floating Point Operations per Second; Floating Octal Point

FLOT Forward Line of Own Troops; Front Line Of Troops; Forward Line of Troops

FLOW Focused Logistic Wargame (used for Joint logistics capability assessments)

FLTC Focused Long Term Challenge (USAF ca 2009)

FLTNBSV Fleet Narrowband Secure Voice

FLTSAT Fleet Satellite

FLTSATCOM Fleet Satellite Communications system (also FSCS)

FLYRT Flying Radar Target

FM Flight Mishap (see also FRM)

FM Frequency Modulation; Field Manual; Flight Mission

F-MADE Forum for the Military Applications of Directed Energy

FMAO Foreign Military Acquisition Opportunity

FMBT Future Main Battle Tank

FMC Full Mission Capable; Fast Missile Craft; Fluorescent Multilayer Card (*i.e.*, storage medium)

FMD Fluorescent Multilayer Disc (*i.e.*, storage medium)

FME Foreign Military Equipment; Foreign Materials Exploitation

FMF Foreign Military Funds

FML Frequency Memory Loop

FMM *frégate multimission* (France); Future MultiMission (frigate)

FMOCC Fleet Mobile Operational Command Center

FMOP Frequency Modulation On Pulse

FMP Fleet Modernization Program

FMRAAM Future Medium Range Air-to-Air Missile

FMRV FCS Maintenance and Recovery Vehicle

FMS Foreign Military Sales; Flexible Manufacturing System; Flight Management System (*e.g.*, GPS/FMS); Forces Modeling and Simulation

FMTI Future Missile Technology Integration

FMTU Foreign Military Training Unit

FMTV Family of Medium Tactical Vehicles

FMV Full Motion Video (*e.g.*, part of DCGS)

FMX Frequency Modulation Transmitter

FNA Functional Needs Analysis (*e.g.*, in integrated architecture)
FNBDT Future NarrowBand Digital Terminal
FNC Future Naval Capability
FND Friend; Friendly
FnEP FORCEnet Engagement Pack (*e.g.*, Network Centric concept, ca 2004)
FNOC Fleet Numerical Oceanography Center
FO Fiber Optics
FOA Field Operating Agency (USAF)
FOAEW Future Organic Airborne Early Warning (U.K. program)
FOALLS Far Off Axis Laser Location System
FOAS Future Offensive Air System
FOB Forward Operating Base
FOCS Flag Officer's Command System
FOCT First-Of-Class (sea) Trials
FOCUS Family Overcoming Under Stress (Navy “resiliency” program)
FODMS Fiber-Optic Data Multiplex System
FOF Force on Force (*e.g.*, exercises)
FOFAC Forward Observer/Forward Air Controller
FOG Fiber-Optic Gyroscope
FOG-M Fiber-Optic Guided Missile
FOHMD Fiber-Optic Helmet Mounted Display
FOIDS Fiber Optic Intelligence & Detection System
FOM Fiber Optic Modem; Figure Of Merit
FON Freedom of Navigation (*e.g.*, operations)

FOPEN Foliage Penetration (*e.g.*, using Synthetic Aperture Radar)

FOR Field Of Regard

FORACS Fleet Operational Readiness Accuracy Check and Site (operations)

FORCEnet FORCE network

FOREST FOPEN Radar and ESM for Targeting

FORESTER Foliage Penetration Reconnaissance, Surveillance, Tracking and Engagement Radar

FORG Fiber Optic Rate Gyro

FORMIDABOD Fiber Optic Mine Detection And BreakOut Device

FORMS Forward Observer's Ranging and Marking Scope

FORS Flagging Object Retrieval System

FORTIS Forward Observation and Reconnaissance Thermal Imaging System

FORTAN Formula Translation

FoS Family of Systems

FOS Fiber-Optic Sensor

FOSI Family of Systems Integrator

FOSIC Fleet Ocean Surveillance Information Center

FOSS Fiber-Optic Sensor System

FOST Flag Officer Sea Training (U.K.)

FOTARS Follow-On Tactical Reconnaissance System

FOTC Force Over-the-Horizon Coordinator

FOTD Fiber-Optic Towed Device; Fiber-Optic Towed Decoy

FOT&E Follow-On Test & Evaluation

FOTOD Family of Obscuration Devices

FOTT Follow-On To TOW

FOUO For Official Use Only

FOV Field of View

FOWW Follow-On Wild Weasel

FP Force Projection; Floating Point; Faceplate

FPA Focal Plane Array

FPASS Force Protection Airborne Surveillance System

FPB Force Protection Battlelab (Air Force)

FRC Fast Response Cutter (USCG)

FPD Flat Plate Display; Flat Panel Display

FPGA Field-Programmable Gate Array; Focal Plane Gate Array

FPJ Force Protection Jammer (*e.g.*, IED communications jammer)

FP-L Force Protection Large harbor security patrol boat

FPM Frequency-Phase Modulation

FPO Force Performance Objective; Fleet Post Office

FPP Fixed-Pitch Propellor

fps feet per second

FPU Floating Point Unit; Fin Pod Unit (*e.g.*, part of aircraft EW system)

FPW Focused Pressure Wave

FQR Formal Qualification Review

FQT Factory Qualification Test

FR France; Frequency Response

FRACTIL FLIR Automatic Cues Technology Insertion into LANTIRN

FRAD Frame Relay Access Device (used in data gathering such as traffic-

control polling)

FRAGO FRAGmentary Order (DoD)

FRAM Ferroelectric RAM; Fleet Rehabilitation And Modernization (program - circa 1950)

FRC Fast Response Cutter (USCG)

FREMM *Frégate Multimission* (France. Changed in 2002 from *Frégate d'Action Navale*); multipurpose frigate (Italy)

FREND Front-end Robotics Enabling Near-term Demonstration (DARPA program ca 2007)

FREQ Frequency

FRES Future Rapid Effect System (U.K.)

FRM Flight-Related Mishap (see also FM)

FRP Fleet Response Plan; Fleet Readiness Panel

FRR False Rejection Rate (contrast with FAR)

FRRS Frequency Resources Record System

FRSS Forward Resuscitative Surgical System (mobile medical unit)

FRT Facial Recognition Technology (identification)

FRV Future Reconnaissance Vehicle

FSA Functional Solutions Analysis (*e.g.*, in integrated architecture)

FSA® Fluidic Self Assembly® (A. "next generation," ca 2005, manufacturing technology)

FSAF *Famille de Systèmes Surface-Air Futurs* [Family of future surface-to-air systems] (France); Future Surface-to-Air Family (European Union)

FSAP Full Spectrum Active Protection

FSAT Full-Scale Aerial Target (*e.g.*, drone)

FSBE Full Spectrum Battle Equipment

FSBS Fixed Submarine Broadcast System

FSC Full-Service Contractor; Fire Support Client

FSCS Future Scout and Cavalry System; Future Scout Cavalry System; Fleet Satellite Communications System (also FLTSATCOM)

FSD Full Scale Development; Full-Scale Deflection; Family of Physical Deception

FSEM Fragmented Spectrum Efficiency Management (e.g., fragmenting transceiver transmissions with reassembly at the receiving end for detection-resistant delivery)

FSEP Full-Spectrum Effects Platform (*ca* 2006, also called "Sheriff")

FSFT Full-Scale Fatigue Test

FSI Functionally Significant Item

FSK Frequency Shift Keying

FSM Finite State Machine

FSO Front-Sector Optronic (system); Free Space Optics

FSR First Strike Rations (*e.g.*, compact, eat-on-the-move ration, designed to be consumed during the first 72 hours of conflict)

FSRP Finnish Software Radio Program

FSRS Frequency Selective Receiver System

FSS Frequency Selective Surface; File Server System

FSSG Force Service Support Group

FSU FLIR Sensor Unit; Former Soviet Union

FSVS Future Secure Voice System

Fsw Feet of seawater (*i.e.*, water depth)

FTA Foreign Technology Assessment

FTAM File Transfer And Management

FTAS Fast Time Analyzer System

FTD Fuze-Trigging Device; Foreign Technology Division

FTC Fast Time Constant ; Federal Trade Commission; Chief Fire Control Technician (Navy enlisted rating)

FTEPS Fault-Tolerant Electrical Power System

FTEWA Force Threat Evaluation and Weapon Assignment

FTH Future Transport Helicopter (ca 2010)

FTI Fast Tactical Imaging; Fast Tactical Imagery; Fixed Target Indicator; Federal (Aeronautical Administration) Telecommunications Infrastructure

FTIR Fourier Transform InfraRed (spectrometer)

FTL Far-Target Locator (USArmy/USMC)

FTMP Fault-Tolerant Multi-Processor

FTMS Federal Test Method Standard

FTQG Family of Tactical Quiet Generators

FTP File Transfer Protocol

FTR Flight-Test Round

FTS Federal Telecommunications System (*e.g.*, FTS-2000); Frequency Time Standard; Flexible Turret System; Full Time Support (*e.g.*, by reserve officers); Fine Tracks Sensor; Flying Training Squadron (USAF)

FTSAT Flyaway Tri-band Satellite (terminal)

FTU Forward Transmitter Unit (*e.g.*, aircraft countermeasure transmitter); Formal Training Unit (USAF)

FUE Full Unit-Equipped; First Unit Equipped

FutureMAP Futures Markets Applied to Prediction

FVLF Fixed Very Low Frequency

FWA Forward Wave Amplifier; Fixed Wireless Access

FWC Force Weapons Coordinator

FWHM Full Width at Half Maximum (beam lobe angular resolution)

FXXILW Force XXI Land Warrior

FY Fiscal Year

FYDP Five Year Defense Plan; Future-Year Defense Plan

FYI For Your Information