

ANNEX B

EC-RELATED ABBREVIATIONS AND ACRONYMS

A

AAA	Antiaircraft artillery
AAM	Air-to-air missile
AAS	ARM alarm sensor
AC	Alternating current
ACET	Automatic cancellation of extended targets
ACQ	Acquisition
AC&W	Aircraft control and warning
ADA	Air defense artillery
ADF	Automatic direction finding
ADL	Automatic data link
AEW	Airborne early warning
AF	Air Force/audio frequency
AFB	Air Force Base
AFC	Automatic frequency control
AFRES	Air Force Reserves
AGC	Automatic gain control
AGI	Auxiliary general intelligence (ship)
AGL	Above ground level
AGM	Air-to-ground missile
AI	Airborne interceptor
AJ	Anti-jamming
AM	Amplitude modulation
AM-CW	Amplitude modulated continuous wave
AMOP	Amplitude modulation on pulse
AMP	Amplifier
AMRAAM	Advanced medium range air-to-air missile
AMTI	Airborne moving target indicator
ANG	Air National Guard
ANL	Automatic noise limiting
AOA	Angle of arrival/angle of attack
AOJ	Angle-on-jam
ARM	Antiradiation missile
ASK	Amplitude shift keying
ASM	Air-to-surface missile
ASR	Air surveillance radar
ASW	Anti-submarine warfare
ATC	Air traffic control
ATD	Automatic target detector
ATR	Antenna, transmit receive

ATV	Automatic threshold variation
AVNL	Automatic video noise leveling
AVP	Adaptive video processing
AWACS	Airborne warning and control system
AZ	Azimuth

B

BBC	Beam-to-beam correlation
BCC	Battery control center
BFO	Beat frequency oscillator
BIT	Built-in test
BMEWS	Ballistic Missile Early Warning System
BN	Barrage noise
BSE	Boresight error
BTE	Battery terminal equipment
BW	Bandwidth
BWO	Backward wave oscillator

C

C	Degree centigrade
C ²	Command and control
C ³	Command, control, and communications
C ² W	Command and control warfare
CAP	Combat air patrol
CAS	Close air support
CE	Clutter eliminator
CEP	Circular error probable
CFAR	Constant false alarm rate
CIJ	Close-in jamming
CIU	Control indicator unit
CM	Countermeasures
COHO	Coherent oscillator
COMINT	Communications intelligence
COMSEC	Communication security
CONSCAN	Conical scan
COSRO	Conical scan-on-receive-only
CPAC	Coded pulse anti-clutter
CP	Circular polarization
CRT	Cathode ray tube
CSG	Clean strobe generator
CSLC	Coherent sidelobe canceler
CV	Coincident video
CVR	Crystal video receiver

CW	Continuous wave
CWAR	Continuous wave acquisition radar
CWI	Continuous wave illuminator

D

dB	Decibel
dBm	Decibels relative to 1 milliwatt
dBw	Decibels relative to 1 watt
DBB	Detector back bias
DBF	Digital beam forming
DC	Direct current
DET	Detector
DF	Direction finder/Dicke fix
DINA	Direct amplified noise
DIFM	Digital instantaneous frequency measurement
DME	Distance measuring equipment
DOA	Direction of arrival/dead on arrival
DOF	Degrees of freedom
DPI	Detected pulse interference
DR	Dynamic range/dead reckoning
DRFM	Digital radio frequency memory
DSB	Double sideband
DTM	Data transfer module

E

EA	Electronic attack
EC	Electronic combat
ECCM	Electronic counter-countermeasures
ECM	Electronic countermeasures
ECP	Electronic combat pilot
EDAC	Error detection and correction
EHF	Extremely high frequency
EID	Emitter identification (table)
EL	Elevation
ELINT	Electronic intelligence
ELSCAN	Elevation scan
EMCON	Emission control
EMI	Electromagnetic interference
EMP	Electromagnetic pulse
EO	Electro-optical
EOB	Electronic order of battle
EP	Electronic protection
ER	Electronic reconnaissance

ERP	Effective radiated power
ES	Electronic warfare support
EVIL	Evaluated vs. integrated log
EW	Electronic warfare
EWO	Electronic warfare officer
EWWS	Electronic warfare warning set

F

F	Degrees Fahrenheit
FA	Frequency agility
FC	Fire control
FAAR	Forward area alerting radar
FAGC	Fast automatic gain control
FCR	Fire control radar
FCS	Fire control system
FEBA	Forward edge of the battle area
FFO	Fixed frequency oscillator
FFT	Fast Fourier transform
FLIR	Forward looking infrared
FM	Frequency modulation
FM-CW	Frequency modulation continuous wave pulsed
FMOP	Frequency modulation on pulse
FOJ	Fuse-on-jam
FOR	Field of regard
FOTD	Fiber optic towed decoy
FOV	Field of view
FRESCAN	Frequency scanning
FS	Frequency sector
FSK	Frequency shift keying
ft	Feet
FTC	Fast time constant

G

G	Antenna gain/acceleration due to gravity
GAS	Ground aided seeker
GCA	Ground controlled approach
GCI	Ground controlled intercept
GEN	Generator
GHz	Gigahertz

H

HARM	High-speed antiradiation missile
HAWK	Homing all-the-way killer
HBW	Horizontal beam width
HF	High frequency/height finder
HFDF	High frequency direction finding
HIPIR	High-power illuminator radar
HOJ	Home-on-jam
HOT	Home-on-target
HQ	Headquarters
HUMINT	Human intelligence
HVP	High video pass
HVPS	High voltage power supply
Hz	Hertz

I

I	Improved
IADS	Integrated air defense system
IAGC	Instantaneous automatic gain control
ICD	Imitative communications deception
ICW	Interrupted continual wave
IF	Intermediate frequency
IFC	Instantaneous frequency correlator
IFF	Identification, friend or foe
IPM	Instantaneous position memory
IR	Infrared
IRCM	Infrared countermeasures

J

JAT	Jam angle track
JAVA	Jamming amplitude versus azimuth
JCS	Joint Chiefs of Staff
JLT	Jammer look-through
J/S	Jamming-to-signal (ratio)
JTIDS	Joint Tactical Information Distribution System

K

K	Degrees Kelvin
kHz	Kilohertz
km	Kilometer

KO	Keyed oscillation
kV	Kilovolts
kW	Kilowatts

L

LASER	Light amplification by stimulated emission of radiation
LET	Leading-edge tracker
LF	Low frequency
LFMOP	Linear frequency modulation on pulse (chirp)
LIN	Linear
LIN-LOG	Linear-logarithmic amplifier
LLTV	Low light level television
LO	Local oscillator
LOG	Logarithmic
LOG-FTC	Logarithmic receiver with fast time constant
LORO	Lobe-on-receive-only
LOS	Line of sight
LPI	Low probability of intercept
LT	Listening time
LVA	Log video amplifier

M

M	Meter
MALD	Miniature air launched decoy
MASER	Microwave amplification by stimulated emission of radiation
MANPADS	Manportable air defense system
MAWS	Missile approach warning system
MBB	Main beam blanking
MCG	Midcourse guidance
MCD	Manipulative communications deception
MDT	Mission data type
MDF	Mission data file
MDG	Mission data generator
MF	Medium frequency
MFAR	Multifunction array radar
MG	Missile guidance
MGC	Manual gain control
MHz	Megahertz
MIC	Microwave integrated circuit
MIJI	Meaconing, Intrusion, Jamming, and Interference
MLC	Mainlobe cancellation
MLV	Memory loader verifier
mm	Millimeter

MMIC	Monolithic microwave integrated circuit
MMW	Millimeter wave
MOE	Measure of Effectiveness
MOPA	Master oscillator power amplifier
msec	Millisecond
MTD	Moving target detector
MTI	Moving target indicator
MUX	Multiplexer
MW	Megawatts

N

NBFM	Narrowband frequency modulation
NBL	Narrowband limiting
NBLP	Narrowband long pulse
nm	Nautical mile
NLP	Narrowband long pulse
NOTAM	Notice to airmen
NSPS	Nonsynchronous pulse suppression

O

OFF	Operational flight program
OOB	Order of battle
OOK	On-off keying
OOK CW	Interrupted CW
OPDEC	Operational deception
OPSEC	Operational security
OTH	Over-the-horizon

P

PAM	Pulse amplitude modulation
PAR	Pulse acquisition radar/precision approach radar
PAT	Passive angle track
PC	Pulse compression
PCM	Pulse code modulation
PD	Pulse Doppler/pulse duration (same as PW)
PDM	Pulse duration modulation
PENAIIDS	Penetration aids
PFM	Pulse frequency modulation
PFN	Pulse-forming network
PHOTOINT	Photographic intelligence
PIE	Pulse interference elimination

PISAB	Pulse interference suppression and blanking
PLD	Pulse length discrimination (same as PWD)
PM	Phase modulation
PN	Pseudo noise
PPC	Pulse-to-pulse correlation
PPI	Plan position indicator
PPM	Pulse position modulation
PPS	Pulses per second
PRF	Pulse repetition frequency
PRI	Pulse repetition interval
PRT	Pulse recurrence time
PSK	Phase shift keying
PW	Pulse width
PWD	Pulse width discrimination
PWM	Pulse width modulation

R

RADAR	Radio detection and ranging
RAGM	Range angle gate memory
RAM	Radar absorbing material/repeater amplitude modulation
RANRAP	Random range program
RC	Resolution cell
RCS	Radar cross section
RDF	Radio direction finding
RF	Radio frequency
RFD	Radio frequency discriminator
RFI	Radio frequency interference
RGM	Range gate memory
RGPI	Range gate pull in
RGPO	Range gate pull off
RHAW	Radar homing and warning
RHI	Range height indicator
ROB	Radar order of battle
ROR	Range only radar
R/P	Receiver/processor
RPD	Random pulse discrimination
RPJ	Random pulse jamming
RPM	Revolutions per minute
RPS	Random pulse suppression
RPV	Remotely piloted vehicle
RSBN	Radio short-range beacon for navigation
RT	Recovery time
R/T	Receiver/transmitter
RWR	Radar warning receiver

S

SAM	Surface-to-air missile
SAR	Synthetic aperture radar
SASE	Semi-automatic support equipment
SATCOM	Satellite communications
SBB	Single beam blanking
SCV	Sub-clutter visibility
SEAD	Suppression of enemy air defenses
sec	Seconds
SHF	Super high frequency
SIF	Selective identification feature
SIGINT	Signals intelligence
S/J	Signal-to-jamming (ratio)
SLAR	Side-looking airborne radar
SLB	Sidelobe blanking
SLC	Sidelobe cancellation
SLS	Sidelobe suppression
S/N	Signal-to-noise (ratio)
SOJ	Stand-off jamming
SORO	Scan-on-receive-only
SRM	Swept rectangular modulation
SS	Swept-spot
SSB	Single sideband
SSN	Swept-spot noise/social security number
SRW	Swept rectangular wave
SSW	Swept square wave
STALO	Stable local oscillator
STC	Sensitivity time control
SWC	Scan with compensation

T

TA	Target acquisition
TACAN	Tactical air navigation
TALD	Tactical air launched decoy
TBM	Track break modulation
TDD	Target detection device
TDOA	Time difference of arrival
TEL	Transporter-erector-launcher
TELAR	Transporter-erector-launcher and radar
TET	Trailing edge tracker
TEWS	Tactical electronic warfare system
TFR	Terrain following radar
TGT	Target
TJS	Tactical jamming system

TOA	Time of arrival
TOF	Time of flight
TOJ	Track-on-jam
TPL	Transmitter pulse lengthening
TPS	Transmitter pulse shaping
TTR	Target tracking radar
TV	Television
TVM	Track-via-missile
TWS	Track-while-scan
TWT	Traveling wave tube

U

UHF	Ultra high frequency
μsec	Microseconds

V

VCO	Voltage controlled oscillator
VDL	Video data link
VGPO	Velocity gate pull off
VHF	Very high frequency
VHSIC	Very high speed integrate circuit
VINT	Video integration
VLF	Very low frequency
VSRR	VGPO with swept rectangular wave
VSWR	Voltage standing-wave ratio

W

W	Watts
WBFM	Wideband frequency modulation
WBL	Wideband limiting
WPB	Wide pulse blanking
WSP	Wideband short pulse