

APPENDIX A
Acronyms, Abbreviations, and Definitions

2M - MINIATURE/MICROMINIATURE

3M - MAINTENANCE AND MATERIAL MANAGEMENT

5S - 5S represents Japanese words that describe the steps of a workplace organization process. English equivalent words are Sort, Straighten, Shine, Standardize, and Sustain. The 5S methodology helps a workplace remove items that are no longer needed (Sort), organize the items to optimize efficiency and flow (Straighten), clean the area in order to more easily identify problems (Shine), implement color coding and labels to stay consistent with other areas (Standardize) and develop behaviors that keep the workplace organized over the long term (Sustain).

A

AIRCRAFT - An air vehicle, designed primarily for flight in the atmosphere that has incorporated in its prime design the ability/requirement for human occupancy. See [ACTIVE AIRCRAFT](#); [EXPERIMENTAL AIRCRAFT](#); [INACTIVE AIRCRAFT](#); [PRODUCTION AIRCRAFT](#); [PROGRAM AIRCRAFT](#); [PROJECT AIRCRAFT](#); [RESERVE AIRCRAFT](#); [RESERVE STOCK AIRCRAFT](#); [SPECIAL TEST, PERMANENT AIRCRAFT](#); [SPECIAL TEST, TEMPORARY AIRCRAFT](#); [SUPPORTING AIRCRAFT](#); and [UNIT AIRCRAFT](#).

A/R - ARRESTS/RECOVERY ASSIST, SECURING AND TRANSVERSING

AADB - AUTOMATED AIRCRAFT DISCREPANCY BOOK

AAE - AIRCRAFT ARMAMENT EQUIPMENT - Equipment is used to mount ordnance to the aircraft, such as bomb racks and missile launchers (BRU-32, LAU-118, etc.).

AAI - AMMRL ACTIVITY IDENTIFIER - A code used to identify an activity for the purpose of managing the IMRL.

AAMO - ASSISTANT AIRCRAFT MAINTENANCE OFFICER (Marine Corps)

AAS - AIRCRAFT ARMAMENT SYSTEMS (AAS) is comprised of the following sub-systems: Aircraft Armament Equipment ([AAE](#))/Alternate Mission Equipment ([AME](#)), Aircraft Gun Systems ([AGS](#)), Aircraft Crew Served Weapons ([ACSW](#)), Aircraft Crew Served Weapon Mounts (ACSW Mounts), and LASER Aiming Devices ([LAD](#)).

ABDR - AIRCRAFT BATTLE DAMAGE REPAIR - Maintenance actions taken during combat conditions that may provide less than 100 percent restoration of an aircraft and its subsystems to original strength, mission capability, or configuration. These actions are taken during wartime to maximize the availability of mission capable aircraft, through effective use of maintenance resources, to assess damage and affect repair to return the aircraft to service.

ABO - AVIATORS BREATHING OXYGEN

ACC - AIRCRAFT CONTROLLING CUSTODIAN – ACCs administratively control the assignment, employment, and logistic support of certain aircraft and aircraft engine. CNO designated ACCs: COMNAVAIRFOR, CNATRA, COMNAVRESFOR, and COMNAVSYSKOM.

ACCEPTANCE - Assumption of responsibility for, or legal title to, an aircraft from another party. Receipt of new aircraft from a manufacturer (or of any aircraft from a non-Navy custodian) by a representative authorized to do so by the Navy. Provisional acceptance is the acceptance of an aircraft for which certain obligations with respect to the aircraft have not yet been fulfilled by the contractor.

ACCEPTANCE INSPECTION - See INSPECTIONS, AIRCRAFT/ENGINE and SE.

ACCESSORIES - See AIRFRAME ACCESSORIES and ENGINE ACCESSORIES.

ACCOUNTABLE ITEM - All items are accountable and reportable; SE is no longer differentiated based on cost or other considerations.

ACCUM - ACCUMULATED

ACCUMULATED WORK HOURS - Hours that are expended against a job by individuals within the same work center.

ACE - AVIATION COMBAT ELEMENT

ACES - AIRCRAFT COST EVALUATION SYSTEM (CNAP Share portal)

ACI - AIRCRAFT CONDITION INSPECTION – Condition inspection of aircraft per parameters specified in the Type/Model/Series Integrated Maintenance Concept (IMC)/Planned Maintenance Interval (PMI) specifications.

ACO - ADMINISTRATIVE CONTRACTING OFFICER - Performs assigned functions, duties, or responsibilities related to the administration of a contract.

ACP - ASSETS CAPITALIZATION PROGRAM

ACQUISITION - A single uniform system whereby all equipment, facilities, and services are planned, developed, acquired, maintained, and disposed of by DOD. The system includes research, development, test and evaluation, production, procurement, and operations and support.

ACSP - AIRCRAFT CONFINED SPACE PROGRAM

ACSW - AIRCRAFT CREW SERVED WEAPONS

ACT - ACTUAL

ACTION DATE - The Julian date on which a maintenance form is completed by a work center.

ACTION ORGANIZATION - The activity that actually performs the maintenance action. It is identified by a three-character alphanumeric code.

ACTIVE AIRCRAFT - Aircraft currently engaged in supporting flying missions either through direct assignment to aircraft units or reassignment through any of the logistic processes of supply, maintenance, or modification.

ADB - AIRCRAFT DISCREPANCY BOOK

ADCS - AUTOMATED DATA CAPTURING SYSTEM

ADDR - AIRCRAFT DELIVERY DEFICIENCY REPORT

ADDU - ADDITIONAL DUTY

ADJ - ADJUSTMENT

ADJUST/ALIGN/TRIM - To bring variable elements of an item within specified limit.

ADMINISTRATIVE CHAIN OF COMMAND - The chain of command as determined by the administrative organization.

ADMINISTRATIVE COMMANDS (Type Commands) - The commands that provide the tactical commands with the means to conduct tactical operations. Administration of training, supply, and repair of fleet units are some of their responsibilities.

ADRL - AUTOMATIC DISTRIBUTION REQUIREMENT LIST

ADW - AVIATION DATA WAREHOUSE

AE - AGE EXPLORATION - The process of determining age-reliability relationships through controlled testing and analysis of chance or unintentional events for safety critical items; and from operating experience for nonsafety items.

AEF - AERONAUTICAL EXPEDITIONARY AIRFIELD

AEL - ALLOWANCE EQUIPAGE LIST - Used to specify requirements for shipboard equipage and lists of miscellaneous material requirements for mechanical, electrical, ordnance, or electronic system(s) in operating spaces aboard ship.

AEP - ARMAMENT EQUIPMENT POOL

AER - AIRCREW EQUIPMENT RECORD

AERONAUTICAL ALLOWANCE LISTS - (Includes COMNAVAIRSYSCOM Allowance Lists (except Advanced Base Lists), COMNAVAIRSYSCOM [ARRs](#), and COMNAVAIRSYSCOM [TBAs](#)) - Lists of equipment and material determined from known or estimated requirements as necessary to place and maintain aeronautical activities in a material readiness condition. In the case of aero logical and photographic material, the requirement is extended to all applicable naval activities. See [AEL](#), [ALLOWANCE LISTS](#), [APL](#), [ARR](#), [AVCAL](#), and [COSAL](#).

AERONAUTICAL EQUIPMENT - The equipment used within the maintenance complex that contributes to the completion of the maintenance mission. It includes aircraft, [SE](#), aviators' equipment, and other similar devices.

AERONAUTICAL MATERIAL - All the material used in the operation and maintenance of aircraft.

AESR - AERONAUTICAL EQUIPMENT SERVICE RECORD - An insert to the basic aircraft logbook used as a service record for various aircraft equipment, such as power plants and propellers.

AFAST - AVIATION FINANCIAL ANALYSIS TOOL ([CNAP Share portal](#))

AFB - AIRFRAME BULLETIN

AFC - AIRFRAME CHANGE

AFH - AIRCRAFT FLIGHT HOURS

AFM - AVIATION FLEET MAINTENANCE

AGE - The process of accumulating operating service months. See [CALENDAR AGE](#), [OPERATING SERVICE AGE](#), and [PROGRAM SERVICE LIFE](#).

AGED UNFILLED ORDER - An unfilled order submitted by an operational target holder to the [DFAS](#) which has been held in file for over 120 days and which has not matched with a corresponding expenditure document nor been canceled.

AGS - AIRCRAFT GUN SYSTEM.

AHML - AVIATION HAZARDOUS MATERIALS LIST

AI - ARTISAN INSPECTOR

AIDR - ACCEPTANCE INSPECTION DEFICIENCY REPORT

AIG - ADDRESS INDICATOR GROUP

AIMD - AIRCRAFT INTERMEDIATE MAINTENANCE DEPARTMENT (CVN or L-Class ship) / AIRCRAFT INTERMEDIATE MAINTENANCE DETACHMENT (OCONUS Navy IMAs) - AIMDs are responsible for I-level maintenance support for aircraft assigned to their ship/location.

AIR - AIRCRAFT INVENTORY RECORD

AIR PORTABLE - Equipment that can be carried in an aircraft with only minor dismantling and reassembly within the capabilities of user units. This term must be qualified to show the extent of air portability.

AIRCRAFT AIRFRAME - The structural components, including the framework and skin of such parts as the fuselage, empennage, wings, landing gear (minus tires), and engine mounts.

AIRCRAFT EQUIPMENT CONFIGURATION LIST - A listing of the avionics components installed in aircraft, cross-referenced to applicable [ARRs](#) that contain the support requirements for outfitting purposes.

AIRCRAFT LOADING TABLE - A data sheet used by the force unit commander containing information on the load that actually goes into each aircraft.

AIRCRAFT LOGBOOK - A detailed service record maintained for each individual aircraft. See [AESR](#).

AIRFRAME - See [AIRCRAFT AIRFRAME](#) and [MISSILE AIRFRAME](#).

AIRFRAME ACCESSORIES - The items of equipment required for operation of the aircraft and not considered an integral part of the airframe or engine, such as wheels, brakes, hydraulic equipment, fuel systems, deicing equipment, anti-icing equipment, and other items regardless of whether attached to the engine or airframe. See [EQUIPMENT, DIVISION OF](#).

AIRRS - AIRCRAFT INVENTORY AND READINESS REPORTING SYSTEM

AIRS - AIRCRAFT INVENTORY REPORTING SYSTEM

AIRSO - AIRSPEED OFFICER

AIRSpeed - The integration and application of [LSS](#) and [TOC](#) process improvement methods to consistently deliver readiness with greater efficiency.

AIRSpeed BLACK BELT - A fully trained practitioner of Lean and Six Sigma skills and techniques. A Black Belt can coach strategic events or lead a team to complete tactical events. Typically leads complex projects where higher-level tools or statistical analysis may be required. Also serves as technical advisor to Green Belts in training, mentoring, and coaching Green Belt projects.

AIRSpeed GREEN BELT - A part-time leader and participant in events, such as Lean and Six Sigma, teams, and projects. Also applies fundamental Lean and Six Sigma skills and techniques to improve processes and projects for the organization.

AIRTASK - A method by which COMNAVAIRSYSCOM assigns work to its field activities.

AIRWORTHINESS INSPECTION - Applicable to commercial off the shelf aircraft and provides for a periodic standard D-level rework normally performed per the manufacturer's FAA approved maintenance requirements. This rework includes a comprehensive inspection together with critical defect corrosion correction and compliance with outstanding FAA airworthiness directives and approved manufacturer's service bulletins.

AIS - AVIATION INFORMATION SYSTEMS

ALE - AUTOMATED LOGISTICS ENVIRONMENT

ALERTS - AVIATION LOGISTIC ELECTRONIC REQUIREMENTS TRAINING SYSTEM

ALIMS - AVIATION LOGISTICS INFORMATION MANAGEMENT AND SUPPORT

ALLOCATION (PERSONNEL) - The apportionment of personnel numbers to a program or program element of the Future Defense Plan.

ALLOWANCE (AIRCRAFT) - The quantity and kind of aircraft an organizational unit is authorized to have. See [PROGRAM OPERATING ALLOWANCE](#).

ALLOWANCE LISTS - Documents used to specify authorized requirements of operational support inventory for a squadron, IMA, or ship. The allowance is based on the activity's need for the item to perform its mission, the level of maintenance, and frequency of use.

ALS - AUTO LOG-SET - ALS records are an integral part of aviation maintenance. They provide a detailed and separate view of the different historical maintenance tasks and usage. In addition, they provide for manual entry of miscellaneous history, repair/rework, and exceedances. It is the administrative means of providing managers with aircraft/equipment age, status, modification, configuration, and historical data to plan, maintain, and operate aircraft and equipment. Properly maintained ALS records are critical to aviation maintenance and safety.

ALSP - ACQUISITION LOGISTICS SUPPORT PLAN - The ALSP is prepared by the Logistics Manager to identify all logistics planning efforts for aviation weapon system acquisitions or modifications of equipment, and is used by government and contractor logistics management personnel and analysts as guidance for developing and managing the logistics program and logistics element requirements.

ALSS - AVIATION LIFE SUPPORT SYSTEM(S) - Items of equipment and clothing needed to allow aircrew members and aircraft passengers to function within all parameters of the flight environment, safely egress from disabled aircraft and descend/ascend to the surface, and survive on land and water and to interface with rescue forces.

ALTERNATE ITEM - An interchangeable item or suitable substitute capable of performing the same function(s) as the prime item.

AM - AMENDMENT

AMARC - AEROSPACE MAINTENANCE AND REGENERATION CENTER

AMARG - AEROSPACE MAINTENANCE AND REGENERATION GROUP

AMB - AIRCRAFT MISHAP BOARD

AMCM - AIRBORNE MINE COUNTERMEASURES - Aircraft weapons systems used to detect, and neutralize sea mines.

AMCR - AIRCRAFT MATERIAL CONDITION REPORT

AMD - ACTIVITY MANPOWER DOCUMENT

AME - AVIATION STRUCTURAL MECHANIC (SAFETY EQUIPMENT) - Navy enlisted rating for technicians that maintain and repair oxygen, cockpit and cabin pressurization, and ejection seat systems.

AME - ALTERNATE MISSION EQUIPMENT - Equivalent term as AAE for certain aircraft, such as the F-35. See [AAE](#).

AMI - AVIATION MAINTENANCE INSPECTION

AMMRL - AIRCRAFT MAINTENANCE MATERIAL READINESS LIST (PROGRAM) - Provides data required for effective management of selected SE at all levels of aircraft maintenance. Within this program, [SERMIS](#) and [IMRL](#) are significant.

AMMT - AVIATION MAINTENANCE MANAGEMENT TEAM

AMO - ASSISTANT MAINTENANCE OFFICER (Navy) or AIRCRAFT MAINTENANCE OFFICER (Marine Corps)

AMRR - AIRCRAFT MATERIAL READINESS REPORT

AMSU - AERONAUTICAL MATERIAL SCREENING UNIT

AMT - AVIATION MAINTENANCE TRAINING

AMTCS - AVIATION MAINTENANCE TRAINING CONTINUUM SYSTEM - All training and associated infrastructure required to support naval aviation maintenance.

AMTCS (TOOLS) - AVIATION MAINTENANCE TRAINING CONTINUUM SYSTEM (TOOLS) - Knowledge/skill tools consist of CBT in the form of interactive courseware with computer managed instruction and computer aided instruction. Management tool is the [ASM](#), which provides test and evaluation, recording, a feedback system and the [MTL](#). Aviation training devices host [CBT](#) and [ASM](#).

AMTRP – Aviation Maintenance Training and Readiness Program

AO - AVIATION ORDNANCEMAN

AOL - ALL OPERATOR LETTERS

AOM - AIRCRAFT OPERATIONS MAINTENANCE

APA - APPROPRIATION PURCHASE ACCOUNT

API - APPLICATION PROGRAM INTERFACE

APL - ALLOWANCE PARTS LIST - A listing of repair parts prepared for individual equipment and components.

APML - ASSISTANT PROGRAM MANAGER FOR LOGISTICS

APT - AVIATION PROGRAM TEAM

APPROPRIATION - An authorization, established by an Act of the Congress of the United States, to spend funds of the U. S. Treasury or incur indebtedness for specified purposes. The Operations and Maintenance, Navy (O&MN) appropriation is established for each fiscal year to fund the operation and maintenance requirements of the operating forces. The appropriation is only available for citation on requisitions for the fiscal year established and for the recording of related expenditures for the following two years.

APU - AUXILIARY POWER UNIT

ARMAMENT SE - ARMAMENT SUPPORT EQUIPMENT - Any equipment used in the loading of an explosive system or launch device on an aircraft.

ARR - ALLOWANCE REQUIREMENTS REGISTER - Documents used to determine authorized requirements of spare assemblies and repair parts at I-level and O-level maintenance. They are storeroom items under control of the Supply Department.

ARTICLE (EQUIPMENT OR END ITEM) - Components, assemblies, subassemblies, and parts connected or associated together to perform an operational function.

ARTISAN - Civilian personnel assigned to, or in support of, an FRC performing I-level and D-level maintenance. See [CIVILIAN](#).

AS - AVIATION SUPPORT EQUIPMENT TECHNICIAN

ASB - ALERT SERVICE BULLETIN

ASBA – AVIATION STANDARDS BRANCH

ASD - AVIATION SUPPORT DIVISION - ASD coordinates all material requirements for supported activities. ASD is a function of the supporting supply activity, and includes a Component Control Section and a Supply Response Section.

ASDTP - AVIATION SUPPLY DESK TOP PROCEDURES (MARINE CORPS)

ASE - AIRCRAFT SURVIVABILITY EQUIPMENT

ASI - AIRCRAFT SYSTEMS INSPECTOR - Depot FRC personnel responsible for certifying aircraft Safe for Flight as well as systems tests, inspections, troubleshooting, and repairs accomplished prior to flight testing of the aircraft. ASIs must satisfactorily complete training and pass examinations leading to a NATOPS Class A Engine Turn License.

ASM - ADVANCED SKILLS MANAGEMENT

ASN(FM&C) - ASSISTANT SECRETARY OF THE NAVY (FINANCIAL MANAGEMENT AND COMPTROLLER)

ASN(I&E) - ASSISTANT SECRETARY OF THE NAVY (INSTALLATION AND ENVIRONMENT)

ASO - AVIATION SAFETY OFFICER

ASPA - AIRCRAFT SERVICE PERIOD ADJUSTMENT – ASPA is a Depot level airframe inspection to determine if a 12 month (or equivalent flight hour) adjustment can be added to the inspected [BUNO](#) aircraft's current [PED](#).

ASR - ASSEMBLY SERVICE RECORD

ASSIGNMENT - Statement of positive intention that specifically designated aircraft are or will be in the custody of specifically designated organizational units.

ASSY/ASSY CD - ASSEMBLY/ASSEMBLY CODE

ASW - ANTISUBMARINE WARFARE

AT - AVIATION ELECTRONICS TECHNICIAN

AT CODE - ACTION TAKEN CODE - A one-character alphabetic or numeric code that describes what action has been accomplished on the item identified by a [WUC](#).

ATAC - ADVANCED TRACEABILITY AND CONTROL

ATB - AVIATION TRAINING BRANCH

ATDR - AERONAUTICAL TECHNICAL DIRECTIVE REQUIREMENTS

ATE - AUTOMATIC TEST EQUIPMENT - Equipment that carries out a predetermined program of testing for possible malfunction, with minimum reliance upon human intervention.

ATL - AIRCRAFT TRANSFER LETTER

ATO - AIRCRAFT TRANSFER ORDER - A letter or message type directive used by an [ACC/TYCOM](#) to effect transfer and acceptance of aircraft. See [SHORT TERM TRANSFER](#).

ATS - AUDIT TRACKING SYSTEM

AUDIT - As applied to [QA](#), a periodic evaluation of detailed plans, policies, procedures, products, directives, and records. See [MANAGEMENT AUDIT](#).

AUGMENTED SUPPORT - An interim arrangement during initial development or production for the support of the equipment by the contractor on an as required basis pending assumption of support responsibility by the government.

AUL - AUTHORIZED USE LIST

AUOL - AGE UNFILLED ORDER LISTING

AUTHORIZED CALIBRATION COURSE OR EQUIVALENT - [TMDE](#) specialists training courses provided to the Navy by the Air Force under inter-Service support agreements. Equivalency includes graduate or associate degrees in appropriate physical sciences or engineering fields or the satisfactory completion of a 4-year apprenticeship training program in the field of calibration.

AUTHORIZED I-LEVEL CALIBRATION TRAINING - [CNATTU](#) administered courses that have been coordinated with [TYCOMs](#), the appropriate technical offices, and approved by [CNO](#) and [TMDE](#) specialists training courses provided to the Navy or Air Force under [inter-Service support agreements](#).

AUTODIN - AUTOMATIC DIGITAL NETWORK

AUTOMATIC DISTRIBUTION - The action that provides initial distribution of publications to newly activated aircraft squadrons or ships and that provides definite follow-on distribution of supplementary

publications, for example, changes, revisions, or supplements, to the recipients of the publications on initial distribution or to authorized requesters.

AVAILABILITY (AIRCRAFT) - Applies to aircraft in an operating or nonoperating status that may be available for flight, upkeep, or rework as specified. When the term is used and not qualified, it refers to commission availability.

AVC - AVIONICS CHANGE

AVCAL - AVIATION CONSOLIDATED ALLOWANCE LIST - A consolidated list of aeronautical material, tailored to each individual ship and MAG, to support assigned or embarked aircraft flight operations. It is normally prepared by NAVSUP WSS Philadelphia, PA under direction of the air TYCOM.

AVDLR - AVIATION DEPOT LEVEL REPAIRABLE

AVG - AVERAGE

AVIATION ACTIVITY - A formally structured staff, command, squadron, unit, or detachment headed by a Commander, CO, or OINC responsible for management, maintenance, material, and logistic support of naval aeronautical equipment.

AVIATION CAPABLE SHIP - A nonaviation ship that can be used as an aviation operating platform.

AVIATION SHIP - Specifically CV, CVN, and L-Class type ships are designated, for NAMP purposes, as aviation ships.

AVIONICS - The application of electronics to aviation and astronautics. For NAMP purposes, avionics is interpreted to include electronic, electrical, instrument, flight control, fire control, and bombing equipment and their subsystems taken as either independent equipment, groups of equipment, or integrated systems to accomplish assigned military missions.

AVIONICS SE - AVIONICS SUPPORT EQUIPMENT (common and peculiar). Includes all equipment of an electronic nature used for, but not limited to, testing, troubleshooting, aligning, or calibrating aircraft systems and components. Examples of such equipment are general purpose electronic test equipment, ATE, vacuum pressure testers, temperature, and fuel quantity indicator test sets.

AVNSUPO - AVIATION SUPPLY OFFICER

AVO - AVIONICS OFFICER

AWBS - AUTOMATED WEIGHT AND BALANCE SYSTEM

AWF - NAVAL AIRCREWMAN MECHANICAL

AWI - AIR WORTHINESS INSPECTION

AWIS - ALL WEAPONS INFORMATION SYSTEM

AWM - AWAITING MAINTENANCE

AWM REASON CODE - A one-character numeric code that describes the reason for an [AWM](#) condition.

AWM TIME - Time when an aircraft is [NMCM](#) or [PMCM](#) and no maintenance is being performed on the systems causing the NMCM or PMCM status. Other maintenance upkeep not causing an NMCM or PMCM condition may be performed on the aircraft during this period.

AWO - NAVAL AIRCREWMAN OPERATOR

AWP - AWAITING PARTS - The condition that exists when materials required to complete a maintenance action are not available on station/ship. [AWP](#) is that time when no work can be performed on the item being repaired due to a lack of ordered parts. Parts are not considered to be ordered until the demand has been forwarded to the Supply Response Section of the Supply Department. The time when AWP occurred and the length of time it lasted is recorded in the Maintenance/Supply Record Section. Items, which cause AWP during on-equipment work, are identified in the Removed/Old Item Section. Items, which cause AWP during off-equipment work, are identified in the (H-Z) Failed/Required Material Section.

AWR - NAVAL AIRCREWMAN TACTICAL HELICOPTER (NEC DRIVEN) or AUTOMATED WORK ORDER RELEASE TOOL

AWS - NAVAL AIRCREWMAN - HELICOPTER (NEC DRIVEN)

AWSE - ARMAMENT WEAPONS SUPPORT EQUIPMENT - All equipment used in the loading of an explosive system or launch device on an aircraft, to include equipment used for the packaging, bulk handling, storage or stowage, and transportation of weapons, weapon components, and [SE](#) where the principle function is support of the explosive ordnance component or weapon (used primarily by the Weapons Department).

AWV - NAVAL AIRCREWMAN AVIONICS

AZ - AVIATION MAINTENANCE ADMINISTRATIONMAN

B

BA - BROAD ARROW

BACK ORDER - A generic term applied to commitments made to customers by inventory managers that material required by the customer will be available by a specified date.

BAILMENT - Government aircraft in the physical custody of a non-military organization (typically an aircraft manufacturer, aircraft modification company, or contractor providing the Government a service requiring military aircraft) under the terms of a bailment agreement.

BASIC MISSION - The basic intended function or capability of the aircraft, such as bomber, fighter, patrol, observation, and utility. See [MODEL DESIGNATION](#).

BASIC MISSION SYMBOL - A letter used to indicate the basic intended function or capability of the aircraft, such as bomber, fighter, patrol, and utility. See [MODEL DESIGNATION](#).

BB - BUILDING BLOCK

BCM - BEYOND CAPABILITY OF MAINTENANCE - A term/code used by [IMAs](#) when repair is not authorized at that level or when an activity is not capable of accomplishing the repair because of a lack of equipment, facilities, technical skills, technical data, or parts. [BCM](#) will also be used when shop backlog precludes repair within time limits specified by existing directives.

BCR - BASELINE CHANGE REPORT

BDE - BASIC DESIGN ENGINEER

BENCH CHECK - A physical inspection or functional test of an item removed for an alleged malfunction to determine if the part or item is serviceable or repairable. It also includes a determination of the extent of maintenance, repair, or possible overhaul required to return it to serviceable status.

BENCH TEST - The subjection of aircraft, engines, accessories, equipment, and equipage to prescribed conditions and specifications, with the use of shop test equipment, to ensure proper functioning.

BER/BR - BEYOND ECONOMIC REPAIR/BEYOND REPAIR

BFIMA - BATTLE FORCE INTERMEDIATE MAINTENANCE ACTIVITY - Repair/maintenance of components and repair assets belonging to units assigned to the battle force during a deployment cycle as resourced by the [TYCOM](#). It is not intended to substitute [D-level](#) maintenance work/activity previously provided by tender support.

BMT - BUFFER MANAGEMENT TOOL - Pulls data from [NALCOMIS](#) and R-Supply databases to generate integrated reports that provide focus on what work has priority for repair and replenishment of buffers in a Time Domain. Monitoring consumable and repairable components, from a time domain perspective, gives supervisors the information they require to ensure they are working on the items that are a priority to the customer producing aircraft ready for tasking and not sub-optimizing resources by working on lower priority items.

BOA - BASIC ORDERING AGREEMENT

BOARD OF INSPECTION AND SURVEY - Convenes at [COMNAVAIRSYSCOM](#) approximately 60 days subsequent to the start of the Board of Inspection and Survey preliminary evaluation and is attended by representatives of [CNO](#), [CNATRA](#), Fleets, [COMNAVAIRSYSCOM](#), [NAVSUP WSS Philadelphia, PA](#), and contractors. Evaluation of the aircraft and its SE is reported and action to be taken is determined. Proposed configuration of the aircraft for fleet delivery is established. Readiness of the aircraft and its associated equipment to commence the Fleet Introduction Program is a most important decision.

BOD - BOARD OF DIRECTORS

BOM - BILL OF MATERIAL

BOR - BUDGET OPTAR REPORT

BOSS - BUY OUR SPARES SMART

BTR - BASELINE TROUBLE REPORT - Provides a means to report NTCSS Optimized OMA NALCOMIS baseline deficiencies found in a specific PMA baseline.

BU/SER - BU/SERNO - BUREAU/SERIAL NUMBER

BULLETIN - A document issued by COMNAVAIRSYSCOM, which directs a one-time inspection of equipment, contains related instructions, and disseminates administrative, or management information as related to maintenance of weapon systems.

BUNO - BUREAU NUMBER - An unhyphenated serial number, not exceeding six digits, used to identify individual airframes within the naval aircraft inventory. Each number is unique to a particular airframe. Assignment is controlled by the CNO.

BUPERS - BUREAU OF NAVAL PERSONNEL

C

CAD - CARTRIDGE ACTUATED DEVICE

CAGE - COMMERCIAL AND GOVERNMENT ENTITY - A five-position code assigned to manufacturers and nonmanufacturers organizational entities and contractors of items procured by agencies of the federal government.

CAI - CRITICAL APPLICATION ITEM

CALENDAR AGE - The total number of calendar months since acceptance.

CALIBRATE - To determine and make required corrections in the certified calibration standards or TMDE. The comparison of two instruments, one of which is a certified calibration standard of known accuracy, which is used to detect and adjust any discrepancy in the accuracy of the other instrument or TMDE.

CALIBRATION - The process by which calibration installations compare a calibration standard or TMDE with a standard of higher accuracy to confirm the instrument being calibrated is within specified limits throughout its entire range. The calibration process involves the use of approved instrument calibration procedures.

CALIBRATION FACILITY - An installation under the control of the military departments or any agency of DOD that provides calibration services for TMDE and calibration standards used by activities engaged in research, development, test, and evaluation, production, QA, maintenance, supply, and operation of weapon system(s), equipment, and other DOD material.

CALIBRATION INTERVAL - The maximum length of time between calibrations that calibration standards or TMDE are expected to maintain reliable measurement capability.

CALIBRATION PROCEDURE - A document that outlines the steps and operations to be followed by calibration personnel in calibrating an instrument.

CALIBRATION STANDARD - [COMNAVAIRSYSCOM](#) calibration installation equipment used to maintain continuity of value in the units of measurement embodied by periodic comparison with higher echelon or National Institute of Standards and Technology.

CALSEL - CALIBRATION STANDARD EQUIPMENT LIST

CALSTDS - CALIBRATION STANDARDS

CAMEO - COMPREHENSIVE AUTOMATED MAINTENANCE ENVIRONMENT OPTIMIZED

CANNIBALIZATION/CANNIBALIZE - The removal of serviceable material/part or component from one aircraft or equipment for installation into another aircraft or equipment to restore the latter to a serviceable condition.

CANTRAC - CATALOG OF NAVY TRAINING COURSES (NAVEDTRA 10500) - Contains information on schools and courses under the purview of [NETC](#) Amphibious Forces, Atlantic and Pacific, and other Navy training commands. The function of [CANTRAC](#) is to provide a consolidated, centrally produced catalog, presenting courses in standardized form.

CAO - CONTRACT ADMINISTRATION OFFICE

CART - CARTRIDGE

CAS - CONTRACT ADMINISTRATION SERVICES

CASS - CONSOLIDATED AUTOMATED SUPPORT SYSTEM - An automatic, high speed, computer controlled, general purpose test system that will isolate faults to a piece/part level.

CAT - CATEGORY

CATS - CATAPULTS

CAT I PQDR - CATEGORY I PRODUCT QUALITY DEFICIENCY REPORT

CAT II PQDR - CATEGORY II PRODUCT QUALITY DEFICIENCY REPORT

CAT 1 TPDR - CATEGORY 1 TECHNICAL PUBLICATIONS DEFICIENCY REPORT

CAT 2 TPDR - CATEGORY 2 TECHNICAL PUBLICATIONS DEFICIENCY REPORT

CAT 3 TPDR - CATEGORY 3 TECHNICAL PUBLICATIONS DEFICIENCY REPORT

CAT 4 TPDR - CATEGORY 4 TECHNICAL PUBLICATIONS DEFICIENCY REPORT

CAV-ORM - COMMERCIAL ASSET VISIBILITY - ORGANIC REPAIRABLE MODULE

CBT - COMPUTER BASED TRAINING

CC - CAPABILITY CODE

CCB - CONFIGURATION CONTROL BOARD - A group of knowledgeable, formally designated representatives, from pertinent management/engineering/support organizations established to review and approve or disapprove change proposals by the government or a contractor.

CCS - COMPONENT CONTROL SECTION

CDA - CENTRAL DESIGN ACTIVITY

CDI - COLLATERAL DUTY INSPECTOR

CDQAR - COLLATERAL DUTY QUALITY ASSURANCE REPRESENTATIVE

CD-ROM - COMPACT DISC-READ ONLY MEMORY

CDT - COMPLEXING/DECOMPLEXING TOOLS

CEB - COMMERCIAL ENGINE BULLETIN

CECR - CHANGE ENTRY CERTIFICATION RECORD

CENNAVAVNTECHTRA - CENTER FOR NAVAL AVIATION TECHNICAL TRAINING (CNATT) - An organization under the military command of [NETC](#) responsible for providing, by means of the [CNATTU](#)s, technical training for officers and enlisted personnel in the operation, maintenance, and repair of air weapons systems and associated equipment and for conducting such other training as the [CNO](#) may direct.

CENNAVAVNTECHTRAU - CENTER FOR NAVAL AVIATION TECHNICAL TRAINING UNIT (CNATTU) - An enroute training for specific weapon systems or equipment designated courses that provides training in familiarization, operation, and maintenance of the weapon system to be maintained in formal classrooms and practical application experience.

CERR - COMPLETE ENGINE REPAIR REQUIREMENTS

CERRC - COMPLETE ENGINE REPAIR REQUIREMENTS CARD

CERTIFICATE - An official document, either paper or electronic, that certifies completion of a training course. [NAMP](#) examples include certificates of completion for [NKO](#) and [CNATT](#) courses.

CERTIFICATION - Signed documentation, either paper or electronic, attesting an individual is qualified or a product meets specified standards. [NAMP](#) examples: A Division Officer (DO) signature on a [CDI](#) nomination form is the DOs certification the nominee is eligible to be a CDI; a technician's signature on a [WO/MAF](#) is certification they performed the work.

CERTIFIED GREEN BELT - The Six Sigma Green Belt operates in support of or under the supervision of a Six Sigma Black Belt, analyzes and solves quality problems and is involved in quality improvement projects. A Green Belt is someone with at least three years of work experience who wants to demonstrate his or her knowledge of Six Sigma tools and processes.

CESE - CIVIL ENGINEERING SUPPORT EQUIPMENT

CETARS - CORPORATE ENTERPRISE TRAINING ACTIVITY RESOURCE SYSTEM

CETS - CONTRACTOR ENGINEERING AND TECHNICAL SERVICES - Those services performed by commercial or industrial companies which provide advice, instruction, and training to personnel of the military departments in the installation, operation, and maintenance of DOD aeronautical systems and equipment. CETS consist of CONTRACT FIELD SERVICES, CONTRACTOR PLANT SERVICES, and FIELD SERVICE REPRESENTATIVE.

CF REQ - CHECK FLIGHT REQUIRED

CFE - CONTRACTOR FURNISHED EQUIPMENT - Items manufactured or purchased by the contractor for inclusion in or support of an aeronautical system.

CFFC - COMMANDER, UNITED STATES FLEET FORCES COMMAND

CFR - CODE OF FEDERAL REGULATIONS

CFT - CONTRACT FIELD TEAM

CG MCCDC - COMMANDING GENERAL, MARINE CORPS COMBAT DEVELOPMENT COMMAND

CGMARBDE - COMMANDING GENERAL, MARINE BRIGADE

CGMAW - COMMANDING GENERAL, MARINE AIRCRAFT WING

CHANGE - A document, which directs and provides instruction for the accomplishment of a change, modification, repositioning, or alteration of material in in-service aircraft, weapon systems, assemblies, subassemblies, components, or SE. See TD.

CHARTS - CHANGE HISTORY AND REVIEW TRACKING SYSTEM

CHECKOUT - A sequence of functional or operational tests, or calibration, to determine the condition and status of a weapon system or its elements.

CHRIMP - CONSOLIDATED HAZMAT REUTILIZATION AND INVENTORY MANAGEMENT PROGRAM

CI - CRITICAL ITEM

CIM - CRITICAL ITEM MANAGEMENT

CIVILIAN - A Federal employee of the Department of Defense or other Federal agency.

CLASS - A broad classification of the general mission purpose of a Navy aircraft design, for example, fighter, attack, patrol, or transport. Subclass refers to the next lower level of classification into a more specific mission purpose of design, for example, all weather photographic.

CLS - CONTRACT LOGISTIC SUPPORT

CM - CONFIGURATION MANAGEMENT - A process for establishing and maintaining consistency of a product's performance, functional, and physical attributes with its requirements, design, and operational information throughout its life. The CM effort includes identifying, documenting, and verifying the functional and physical characteristics of an item; recording the configuration of an item; and controlling changes to an item and its documentation. It shall provide a complete audit trail of decision and design modifications.

CM ALS - CONFIGURATION MANAGEMENT AUTO LOG SET

CMC - COMMANDANT OF THE MARINE CORPS

CMD - CONSUMABLE MANAGEMENT DIVISION

CMIS - CONFIGURATION MANAGEMENT INFORMATION SYSTEM

CMIS COMPONENT TRACKING SYSTEM FOR AIRCRAFT - An automated system for tracking the composition, location, and operating time/cycle counts of the life limited components of aircraft. The CMIS Component Tracking System for Aircraft is used to develop schedules for inspections, replacement procurements, and forced removal actions for these components based on usage requirements and fixed or variable hour or cycle counts or limits. It provides important support to the [RCM](#) Program.

CMIS COMPONENT TRACKING SYSTEM FOR ENGINES - An automated system for tracking the composition, location, and operating time/cycle counts of the life usage indexes of aircraft engines, propulsion systems, modules, and life limited components. The CMIS Component Tracking System for Engines is used to develop long range schedules for inspections, removals, replacements, procurements, and rework schedules for these components, based on usage requirements and fixed or variable usage rates. It provides important support to the [RCM](#) Program.

CMS - COMMUNICATIONS MATERIAL SYSTEMS

CNAFR - COMMANDER NAVAL AIR FORCE, RESERVE

CNATRA - CHIEF OF NAVAL AIR TRAINING

CNATTMARU - CENTER FOR NAVAL AVIATION TECHNICAL TRAINING MARINE UNIT

CNATTU - CENTER FOR NAVAL AVIATION TECHNICAL TRAINING UNIT

CNET - CHIEF OF NAVAL EDUCATION AND TRAINING

CNO - CHIEF OF NAVAL OPERATIONS

CO - COMMANDING OFFICER

CODR - CONVENTIONAL ORDNANCE DEFICIENCY REPORT

COG - COGNIZANCE SYMBOL - A two-position numeric-alpha code prefixed to [NSNs](#), identifies the type of funds used to purchase the item and the activity that is the inventory manager.

COMFAIR - COMMANDER FLEET AIR

COMFAIRFWD - COMMANDER FLEET AIR FORWARD

COMFAIRWESTPAC - COMMANDER FLEET AIR, WESTERN PACIFIC

COMFISC - COMMANDER, FLEET AND INDUSTRIAL SUPPLY CENTER

COMFRC - COMMANDER, FLEET READINESS CENTER

COMMARFORCOM - COMMANDER, MARINE FORCES COMMAND

COMMARFORPAC - COMMANDER, MARINE FORCES PACIFIC

COMMERCIAL - Aircraft, support systems, and processes unique to commercial aviation.

COMMERCIAL DERIVATIVE AIRCRAFT - Aircraft procured by the Navy for which there is a certified commercial counterpart.

COMMON ITEM - An item of standard design, application, and specification, normally procurable from several manufacturers or suppliers, or available from only one manufacturer, but with wide usage or of such design that the multiple application is apparent.

COMMON SERVICING - That function performed by one military service in support of another military service for which reimbursement is not required from the service receiving the support.

COMNAVAIRFOR (CNAF) - COMMANDER, NAVAL AIR FORCES

COMNAVAIRFORES (CNAFR) - COMMANDER, NAVAL AIR FORCE RESERVE

COMNAVAIRLANT (CNAL) - COMMANDER, NAVAL AIR FORCE ATLANTIC

COMNAVAIRPAC (CNAP) - COMMANDER, NAVAL AIR FORCE PACIFIC

COMNAVAIRSYSCOM (NAVAIR) - COMMANDER, NAVAL AIR SYSTEMS COMMAND

COMNAVAFACENCOM (NAVFAC) - COMMANDER, NAVAL FACILITIES ENGINEERING COMMAND

COMNAVSEASYSYSCOM(NAVSEA) - COMMANDER, NAVAL SEA SYSTEMS COMMAND

COMNAVSUPSYSCOM(NAVSUP) - COMMANDER, NAVAL SUPPLY SYSTEMS COMMAND

COMPLEMENT - The quantity and quality of aircraft prescribed by [CNO](#) and implemented by COMNAVAIRFOR as the optimum inventory of an organizational unit whose mission requires aircraft.

COMPONENT REPAIR - See [MAINTENANCE LEVELS](#).

COMPOSITE MAINTENANCE ORGANIZATION - Unit of reporting custodians with one or more [T/M/S](#) aircraft for purposes of deploying as a single unit, operating together during an exercise, or performing missions/tasks.

COMSPAWARSSYSCOM - COMMANDER, SPACE AND NAVAL WARFARE SYSTEMS COMMAND

CONDITION CODES - See [MCC](#).

CONDITIONAL INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE](#).

CONFIGURATION - The functional and physical characteristics of material as described in technical documents and achieved in a product.

CONFIGURATION CONTROL - The systematic evaluation, coordination, approval or disapproval of proposed changes and the implementation of all approved changes to the configuration of a configuration item after formal establishment of its configuration identification.

CONFIGURATION IDENTIFICATION - The current approved or conditionally approved technical documentation for a configuration item as set forth in specifications, drawings and associated lists, and documents referenced therein.

CONFIGURATION ITEM LIST - A list of those status items designated for configuration control and configuration accounting.

CONFIGURATION ITEM(S) - Items designated by DOD components for configuration management. They may differ widely in complexity, size, and kind. Examples are an aircraft, ship, mobile test unit, navigation system, embedded computer, computer program, facility, electronic system, test meter, or a round of ammunition.

CONFIGURATION STATUS ACCOUNTING - The recording and reporting of information that is needed to manage configuration effectively, including the approved configuration identification, the status of proposed changes to configuration, and the implementation status of approved changes.

CONFIGURED ITEMS - Those selected items that require continuation of configuration status accounting during the operational phase. An item that affects mission capability and can be interchanged with a similar item that will result in a different mission capability.

CONFIRMED CANCELLATION - The official notification by Supply that action will not be taken on a requisition and the requisition is cancelled.

CONOPS - CONCEPT OF OPERATIONS

CONSOLIDATED SE LIST - A summary of government decisions on contractor's SE recommendations and other pertinent data relative to support of the end article. It is a list of contractor recommended SE.

CONSUMABLE ITEM - Any item or substance which, upon installation, loses its identity and is normally consumed in use or cannot be economically repaired.

CONSUMABLE MATERIALS - See [EXPENDABLE SUPPLIES AND MATERIAL](#).

CONTAMINANTS - Particles of foreign material, which may or may not be visible to the unaided eye.

CONTRACT FIELD SERVICES - Those engineering and technical services provided to **DOD** personnel by commercial or industrial companies on-site at defense locations by trained and qualified engineers and technicians.

CONTRACT MAINTENANCE - The maintenance of material by commercial organizations without distinction as to levels of maintenance accomplished and maintenance accomplished by private industry in government-owned, contractor-operated plants; contractor owned, contractor operated plants; or by contract field teams.

CONTRACTING OFFICER - A person or persons with the authority to enter into, purchase, administer, or terminate contracts and make related determinations and findings.

CONTRACTOR - Any individual, corporation, or other non-Department of Defense entity that is contracted to operate naval aircraft, or to perform or provide support to the maintenance, modification, or production of Navy aircraft, to include engines, equipment, or components.

CONTRACTOR PLANT SERVICES - Those services provided to personnel of the military departments in the plants and facilities of the manufacturer of military equipment or components by trained and qualified engineers and technicians employed by the manufacturer.

CONTRACTOR SUPPORT PROGRAMS - Maintenance programs associated with commercial derivative aircraft, where Navy personnel perform the **O-level** maintenance with limited I-level effort. The contractor issues ready for issue components and provides limited diagnostic assistance.

CONTROL STATION - The portion of a UAS that allows for operator command and control of an Unmanned Aircraft.

CONTROLLING CUSTODIAN – Activities designated with authority to control the assignment, employment, and logistic support of certain aircraft, engines, and equipment.

CONTROLLING CUSTODY - Administrative control of the assignment, logistic support, employment, and responsibility to account for and provide information about aircraft, engines, and equipment.

CONUS - CONTINENTAL UNITED STATES

CONVERSION IN LIEU OF PROCUREMENT - Any conversion, service life extension, update, expansion/change of mission capability, improvement of combat capability, or combination of the foregoing. It is performed on existing aircraft for the primary purpose of providing a reasonably acceptable, modernized aircraft, as an alternative to procuring new aircraft to meet or maintain force levels.

COR - CONTRACTING OFFICER'S REPRESENTATIVE - A representative designated by the contracting officer who performs primarily technical functions. The contracting officer can designate government personnel to act as authorized representatives for such functions as providing to contractors technical direction, inspection, approval of shop drawings, testing, approval of samples, and other functions of a technical or administrative nature not involving a change in the scope, price, terms, or conditions of the contract or order.

CORRECTIVE ACTION - The resolution of a problem or deficiency.

CORRECTIVE MAINTENANCE - The actions performed to restore an item to a specified condition.

COSAL - CONSOLIDATED SHIPBOARD ALLOWANCE LIST - Both a technical and a supply document tailored to suit an individual ship or **MAG** material support requirements. Technical in that equipment nomenclature, operating characteristics, applicable technical manuals, plans, repair parts, and special tool requirements for the operation and repair of ship or **MAG** equipment are described and documented. As a Supply document, it lists, by equipment, the **NSN** for each item supported by the Naval Supply System. It is a coordinated listing of ship or **MAG** spares, repair parts, and consumable allowances. It also provides the basis for a ship or **MAG** inventory management and development of second and third echelon support requirements. The COSAL is prepared by **NAVSUP WSS** Mechanicsburg, PA, for ship or **MAG** installed and portable mechanical, electrical, electronics, and ordnance equipment. **NAVSUP WSS** Philadelphia, PA, produces COSALs for aircraft launch and recovery systems, optical landing equipment, flight deck lighting, jet blast deflectors, and expeditionary airfields.

COTS - COMMERCIAL-OFF-THE-SHELF

COUNTERFEIT MATERIAL - Material whose identity or characteristics have been deliberately misrepresented, falsified, or altered without legal right to do so.

CP - CHANGE PROPOSAL

CPARS - CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM

CPI - CONTINUOUS PROCESS IMPROVEMENT

CPIMS - CONTINUOUS PROCESS IMPROVEMENT MANAGEMENT SYSTEM

CPR - CARDIOPULMONARY RESUSCITATION

CPT - COPILOT TIME

CR - CORRECTION RECORD

CR IPL - CONSOLIDATED REMAIN-IN-PLACE LIST - A listing of all authorized remain in place items for a particular T/M/S aircraft. CR IPLs are published by **NAVSUP WSS** and approved by the **ACCs** and **COMNAVAIRSYSCOM**.

CRITICAL DEFECT - See **DEFECT**.

CRITICAL SUPPLIES AND MATERIALS - Those supplies vital to the support of operations which, for various causes, are in short supply or are expected to be in short supply.

CRITICAL TASK TRAINING - Artisan training on aeronautical components, equipment or maintenance procedures, judged by a supervisor or other responsible authority using **ORM** principles, to be of sufficient risk as to warrant specific training in advance or concurrently with the actual performance of maintenance tasks. Consideration for such training shall be applied to procedures and equipment that have low induction

rates, are infrequently accomplished, identified as [CSI](#), no functional test, identified as a single point failure, highly complex, or special circumstance.

CROSSDECK - The transfer of authorized allowance equipment/material from one unit to another to improve available inventory on board.

CROSS SERVICING - That function performed by one military service in support of another military service for which reimbursement is required from the service receiving the support. See [SERVICING](#).

CRS - CORPORATE REPORTING SYSTEM

CSD - CUSTOMER SUPPORT DIVISION

CSE - COMMON SUPPORT EQUIPMENT - Comprised of only those general purpose items supplying or measuring broad parameters of physical properties that are known to be established in the using service's inventory, for example, ground electrical, pneumatic, and hydraulic power units; towing, hoisting, and fueling devices; signal generation devices; and voltage, amperage, and phase measuring devices. The application of [SE](#) items to other end items, systems, or components does not in itself justify or classify the items as CSE. CSE is divided as [AVIONICS SE](#) (common and peculiar) and [NONAVIONICS SE](#) (common and peculiar).

CSEC - COMPUTERIZED SELF EVALUATION CHECKLIST

CSI - CRITICAL SAFETY ITEM

CSL - COMMERCIAL SERVICE LETTER

CSS - CONTRACTOR SUPPORT SERVICES

CST - CUSTOMER SERVICE TEAM

CTPL - CENTRAL TECHNICAL PUBLICATIONS LIBRARY

CTR - CARCASS TRACKING RECORD

CSRIA - CALIBRATION STANDARDS READY ISSUE ACTIVITY

CUSTODY - Cognizance and limited responsibilities for aircraft equipage, equipment, material, and [SE](#). Categories of custody are [CONTROLLING CUSTODY](#), [PHYSICAL CUSTODY](#), and [REPORTING CUSTODY](#).

CUSTODY CODES - Custody codes are single position alpha characters, which provide supplemental accountability detail about an [SE](#) transaction and the effect of the transaction on supply and financial records. These codes identify a specific category of SE items placed in the primary custody of an [IMA](#). These items are issued to other activities on a subcustody basis. Custody codes are assigned using the following general guidelines:

Code D - This code is assigned to items listed only in a detachment list code, requiring management, and having a custody code of P or E. Code D will take precedence in IMRL printing, and the D coded item will

be allowed in the same manner as the P coded item listed. For example, Code D would apply to items required on air capable ships by deployable detachments.

Code E - This code is assigned to items used infrequently (less than once per month), and indicates the item is available from the supporting I-level as required. Supporting I-levels are authorized a predetermined quantity of E coded items. The items are made available to activities by the I-level and after use are returned to the supporting I-level.

Code M - This code is assigned to noncalibratable items requiring management not otherwise custody coded. The items will be allowed in the same manner as L coded items. Applicable items will be identified by [SECA](#)s and assigned Code M by NAVAIRWARCENACDIV Lakehurst, NJ personnel. For example, a noncalibratable item such as a carrying case for a calibratable item when listed in the source data as a separate end item.

Code N - This code is automatically assigned to items not requiring calibration or management and consequently not otherwise coded. If the supported maintenance level is an I-level, then Custody Code N is automatically assigned.

Code P - This code is assigned to items weighing over 200 pounds (over 300 pounds for wheeled equipment) or exceeding any one of the following dimensions in a stowed configuration: 6' x 3' x 2', fragile or subject to misalignment or loss of calibration through transportation, or not coded for infrequent use. When authorized for supporting [I-levels](#), the I-level's contingency support package quantity shall be the total quantity required for subcustody issue to each [O-level](#) activity supported. The items are issued on a subcustody basis for full time utilization, and shall be returned to the I-level prior to deployment. When deployed, user activities shall be issued these items on a subcustody basis from the new supporting I-level.

Code L - This code is assigned to all items requiring calibration and management, designated for use at the [O-level](#) of maintenance, when not already coded D, E, or P. The quantity authorized will be the total quantity required for subcustody by each activity supported. The items are retained by O-level activities when deployed.

CUSTOMER ACTIVITY - [MEASURE](#) participants who coordinate the servicing and calibration of [TMDE/TAMS](#) within a specific area, for example, [AIMDs](#), [MALS](#), and ships.

CUSTOMER SERVICE - D-level services, including emergency check, test, minor repair, manufacture of parts, heat treat, plating, and machine shop service, to relieve [NMCS](#), [PMCS](#), and work stoppage conditions.

CV - Aircraft Carrier

CVN - Multi-Purpose Aircraft Carrier, Nuclear

CVW - Carrier Air Wing

D

DAAS - DEFENSE AUTOMATIC ADDRESSING SYSTEM

DACD - DAMAGED AIRCRAFT CONDITION DISPOSITION

DAILY INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE](#).

DAR - DAILY AUDIT REPORT

DATA - The method of communicating concepts, plans, descriptions, requirements, and instructions related to technical projects, material, systems, and services. These may include specifications, standards, engineering drawings, associated lists, manuals, and reports, including scientific and technical reports; they may be in the form of documents, displays, sound records, and digital or analog data.

DATA COLLECTION CODES - 3M codes used in the MDS. See [AT CODE](#), [AWM REASON CODE](#), [EOC CODE](#), [MAL DESCRIPTION CODE](#), [CAGE](#), [ORG CODE](#), [TD CODE](#), [TD IDENTIFICATION CODE](#), [TD STATUS CODE](#), [TEC](#), [TIME/CYCLE PREFIX CODE](#), [TRCODE](#), [TM CODE](#), [WD CODE](#), [WORK CENTER CODE](#), and [WUC](#).

DATA ELEMENT - A single unit of data related to an item record. Each data element is identified by a specific data element number to permit its selection for inclusion in output documents, indicating its relationship to other data, and for file maintenance purposes.

DATA STORAGE SET - Monitors the operational status of aircraft weapon systems. The monitoring of engines, fuel, airframe, nonavionics systems, and fluid levels are accomplished by a combination of instrumentation sensors and built-in-test of selected systems.

DATA STORAGE UNIT - A storage medium used by the data storage set for significant maintenance data measured in-flight and after landing.

DAVIS - DEFENSE AUTOMATED VISUAL INFORMATION SYSTEM

DBA - DATA BASE ADMINISTRATOR

DCB - DYNAMIC COMPONENT BULLETIN

DCF - DOCUMENT CONTROL FORM

DCMA - DEFENSE CONTRACT MANAGEMENT AGENCY

DCMD - DEFENSE CONTRACT MANAGEMENT AREA/DISTRICT

DCNO - DEPUTY CHIEF OF NAVAL OPERATIONS

DCNO (M&P) - DEPUTY CHIEF OF NAVAL OPERATIONS (MANPOWER AND PERSONNEL)

DCPS - DEFENSE CIVILIAN PAYROLL SYSTEM

DCU - DOCUMENT CONTROL UNIT

DDSN - DOCUMENT DATE AND SERIAL NUMBER

DECKPLATE - DECISION KNOWLEDGE PROGRAMMING FOR LOGISTICS ANALYSIS AND TECHNICAL EVALUATION.

DEFECT - Any nonconformance of the unit or product with specified requirements. Defects will normally be grouped into one or more of the following classes but may be grouped into other classes or subclasses within these classes:

DEFECT, CRITICAL - A defect that constitutes a hazardous or unsafe condition, or as determined by experience and judgment could conceivably become so, thus making the aircraft unsafe for flight or endangering operating personnel.

DEFECT, MAJOR - A defect, other than critical, that could result in failure or materially reduce the usability of the unit or part for its intended purpose.

DEFECT, MINOR - A defect that does not materially reduce the usability of the unit or part for its intended purpose or is a departure from standards but which has no significant bearing on the effective use or operation of the unit or part.

DELIVERY - The logistic process involved in readying an aircraft for transfer from the custody of a [COMNAVIAIRSYSCOM](#) Fleet Support Activity to the custody of an operating command.

DESIGNATION - Written appointment to a position or duty. [NAMP](#) examples include designation as a QAR (a position) or to certify aircraft Safe for Flight (a duty).

DESIGN ACTIVITY - The activity responsible for design, preparation, and maintenance of engineering documents for a given item of military property. The activity may be a government activity, contractor, or vendor.

DESIGN CHANGE NOTICE - A formal notification prepared by a contractor as a result of an approved engineering change to the end article on the contract describing the effect of the change on repair parts that have been procured, recommended/interim released.

DETACHMENT - A temporary reporting custodian with aircraft assigned from a parent squadron or unit. Detachments are established when a squadron deploys one or more aircraft to a ship or base substantially removed from the location of the parent organization; the parent squadron [CO](#) feels that it would be impractical to retain reporting custody of the aircraft so deployed. Detachments have the same responsibilities, with respect to the requirements of this instruction, as all other reporting custodians of aircraft.

DEVIATION - To depart from established policy or procedures, such as deviation from the [NAMP](#). A specific written authorization granted prior to the manufacture of an item to depart from a particular performance or design requirement of a specification, drawing, or other document for a specific number of units or a specific period of time. A deviation differs from an engineering change in that an approved engineering change requires corresponding revision of the documentation defining the affected item, whereas a deviation does not contemplate revision of the applicable specification or drawing.

DFAS - DEFENSE FINANCE AND ACCOUNTING SERVICE - The activity designated to perform operating budget accounting for the Commanders in Chief, U. S. Atlantic and Pacific Fleets and respective [TYCOMs](#), including associated accounting and reporting for ships, staffs, designated shore activities, aviation squadrons, mobile construction battalions, and miscellaneous units and commands, as assigned. Operating force units and commands transmit unfilled orders to the designated fleet accounting office and receive special listings for review, validation, and adjustment of operational target records.

DIFM - DUE IN FROM MAINTENANCE

DIFMS - DEFENSE INDUSTRIAL FINANCIAL MANAGEMENT SYSTEM

DIRECT LABOR - Used by Depot level to denote work that can be identified to a single, specific job order. Direct labor generally includes the hands-on maintenance, repair, overhaul, test, and related direct production effort that follows the established sequence and content of work necessary to accomplish the billable job. Direct labor does not include the support work identified as either indirect or general and administrative in nature. See [INDIRECT LABOR](#).

DIRECT MAINTENANCE - The effort expended by maintenance personnel in the actual performance of maintenance on aircraft, aeronautical equipment, or [SE](#). Direct maintenance includes inspection, disassembly, adjustment, fault correction, replacement and reassembly of parts, and calibration/tests required in restoring the item to a serviceable status. Direct maintenance also includes preparatory and administrative actions by maintenance personnel assigned to the [WO/MAF](#), such as technical research, inventorying/putting away tools and equipment, ordering parts, documenting actions taken on a [WO/MAF](#), and communicating job status to [Maintenance/Production Control](#).

DIRECTED REMOVAL - A requirement to remove an item after a fixed period of operation because there is insufficient confidence regarding continued operation and failure during operation would have serious consequences.

DIRECTIVE - A military communication in which a policy is established, a specific action is ordered, or a plan is put in effect.

DISCD - DISCOVERED

DIVERSION - The removal of an item of government furnished material or contractor furnished material positioned at a contractor's plant incidental to a production contract.

DLA - DEFENSE LOGISTICS AGENCY

DLADS - DEFENSE LOGISTICS AGENCY DISPOSITION SERVICES

D-LEVEL - D-level maintenance activities have the capability to provide more in depth repair and manufacturing support for [A/C](#) and components than provided at [O-level](#) and [I-level](#) activities. D-level maintenance is also performed on parts, assemblies, subassemblies, and end items requiring major overhaul and modification. D-level capabilities include manufacturing, modifying, testing, inspecting, sampling, restoring, and reclaiming of aeronautical and support equipment. D-level activities provide engineering assistance and perform maintenance beyond both O-level and I-level maintenance capabilities. The [DoN D-](#)

level activities are [FRC Southwest](#), [FRC Southeast](#), [FRC East](#), [FRC Aviation Support Equipment](#), and [FRC Western Pacific](#).

DLQP - DEPOT LEVEL QUALITY PROGRAM

DLR - DEPOT LEVEL REPAIRABLE

DM-BPM - DEPOT MAINTENANCE-BUSINESS PROCESS MODEL

DMDS - DEPOT MAINTENANCE DATA SYSTEM

DMI - DEPOT MAINTENANCE INTERSERVICE

DMISA - DEPOT MAINTENANCE INTERSERVICE SUPPORT AGREEMENT

DNEC - DISTRIBUTION NAVY ENLISTED CLASSIFICATION (CODES)

DOCNUM - DOCUMENT NUMBER

DOCUMENT - Specifications, lists, drawings, sketches, standards, pamphlets, reports, or other information relating to design, procurement, manufacture, test, or inspection of items or services under a contract. Also, in the [MDS](#), any forms used to collect data at its source for conversion to machine records.

DOD - DEPARTMENT OF DEFENSE

DOD-HDBK - DEPARTMENT OF DEFENSE HANDBOOK

DODIC - DEPARTMENT OF DEFENSE IDENTIFICATION CODE

DON - DEPARTMENT OF THE NAVY - Separately organized under the [SECNAV](#). It operates under the authority, direction, and control of the [SECDEF](#). It is composed of the executive part of DON; including the Office of the SECNAV, the Office of the [CNO](#), and the Headquarters, Marine Corps; the entire operating forces, including naval aviation, of the Navy and the Marine Corps, and the reserve components of those operating forces; and all shore activities, headquarters, forces, bases, installations, activities, and functions under the control or supervision of the SECNAV. It includes the Coast Guard when it is operating as a service in the Navy.

DOSS - DIRECTOR OF SAFETY AND STANDARDIZATION

DOWNTIME - That element of time during which the item is not in condition to perform its intended function.

DPD - DATA PROCESSING DIVISION

DR - DEFICIENCY REPORT - Deficiency Reports include: [PQDRs](#), [EIs](#), [AIDRs](#), [HMRs](#), [EMRs](#), [EERs](#), [CODRs](#), [BTRs](#), and [TPDRs](#). See [NAMDRP](#).

DR - DELETION RECORD

DRP - DESIGNATED REWORK POINT - A [D-level](#) rework facility assigned the technical and rework responsibility for designated weapon system(s).

DRWEB - DEFICIENCY REPORTING SYSTEM

DSN - DEFENSE SWITCHED NETWORK

DSP - DESIGNATED SUPPORT POINT - A supply activity, such as a Naval Supply Center, assigned to provide supply support to a designated overhaul point.

DTEDEP - JULIAN DATE DEPART

DTG - DATE TIME GROUP

DTPL - DISPERSED TECHNICAL PUBLICATIONS LIBRARIAN - A technical publications library maintained in a different location than the [CTPL](#).

DTO - DIRECT TURN OVER

DWO - DISCREPANCY WORK ORDER

E

E&E - EXAMINATION AND EVALUATION

EA - ENTRY AUTHORITY

EAF - EXPEDITIONARY AIRFIELD

EAH - EQUIPMENT ASSIGNED HOURS

eCAM - ELECTRONIC CONTINUAL ANALYSIS AND METRICS - The standard [COMFRC](#) document management and workflow IT solution for [D-level FRCs](#) for information on actions, investigations and audits related to quality, occupational safety and health, environmental, hazardous materials, [ISO](#) standards, missing tools, employee improvements, fire marshal findings, etc., to the respective facilities in which it resides.

ECM - ELECTRONIC COUNTERMEASURES

ECP - ENGINEERING CHANGE PROPOSAL - A term that includes both a proposed engineering change and the documentation by which the change is described and suggested.

ECU - ENVIRONMENT CONTROL UNIT

ED - ENGINEERING DISPOSITION

EDDY CURRENT - A method that uses induced eddy currents in detecting flaws in metal parts, such as cracks, inclusions, voids, seams, and laps. This method can also be used for sorting according to alloy temper, conductivity, and other metallurgical factors by variations in electrical characteristics/energy losses. See [NDI](#).

EDVP - ENLISTED DISTRIBUTION AND VERIFICATION PROCESS

EEO - EQUAL EMPLOYMENT OPPORTUNITY

EER - EXPLOSIVE EVENT REPORT

EFFECTIVE - The ability to consistently meet mission requirements.

EFFICIENT - The ability to be effective while minimizing the use of resources.

EFH - ENGINE FLIGHT HOURS

EGRESS SYSTEM - An ejection seat, interconnect and sequence system, installed parachute, seat survival kit, and the explosive devices and rocket motors used in their propulsion. It also includes hatches or canopies, which are shattered or jettisoned from the aircraft by use of explosive devices.

EHR - EQUIPMENT HISTORY RECORD

EI - ENGINEERING INVESTIGATION

EIC - EQUIPMENT IDENTIFICATION CODE

EIQR - ELECTRONIC INDIVIDUAL QUALIFICATION RECORD

EIS - ENTERPRISE INFORMATION SYSTEMS

EIS - EQUIPMENT IN SERVICE - (NUMBER AIRCRAFT) X (DAYS IN MONTH) X (24 HOURS).

ELCF - EQUIVALENT LOW CYCLE FATIGUE

ELECTRONIC MATERIAL - Those electronic devices employed in the field of detection and tracking (underwater, sea, land, air, and space), recognition and identification, communication, aids to navigation, weapons control and evaluation, flight control, and electronic countermeasures. Electronic devices are understood to include peculiar nonelectronic units required to complete individual operational functions, such as power supplies, hoist mechanisms, antennas, and vehicles but to exclude associated nonelectronic equipment identified by other type designating systems.

ELMS - ENHANCED LIBRARY MANAGEMENT SYSTEM

EMC - ELECTROMAGNETIC COMPATIBILITY - Capability of electronic equipment or systems to be operated within a defined margin of safety in the intended environment at desired levels of efficiency without degradation due to interference.

EME - ELECTROMAGNETIC ENVIRONMENT - Composite of all radiated and conducted electromagnetic energy encountered by a military platform when performing its assigned mission in its intended environment.

EMI - ELECTROMAGNETIC INTERFERENCE - Any electromagnetic disturbance that interrupts, obstructs, or otherwise degrades or limits the performance of electronics/electrical equipment.

EMIR - ENLISTED MANNING INQUIRY REPORT

EMR - EXPLOSIVE MISHAP REPORT

EMT - ELAPSED MAINTENANCE TIME - For the purposes of Maintenance Data Reporting, [EMT](#) is defined as the actual clock time, in hours and tenths, that maintenance was being performed on a job. EMT does not include the clock hours and tenths for cure time, charging time, or leak test when they are being conducted without maintenance personnel actually monitoring the work. EMT is not the same as total man-hours required to complete a job, for example, if five personnel complete a job in 2.0 hours of continuous work, the EMT=2.0 hours and the man-hours=10.0. See [DIRECT MAINTENANCE](#).

END ARTICLE - An end weapon, aircraft system, subsystem, component, or equipment being procured on a contract, including contractor furnished materials, for example, a transmission, an engine, a computer, or a radio. Certain end articles are treated as end items for documentation purposes under aviation [3M](#). This applies to repairable nonaeronautical equipment, such as a computer or radio. Aircraft engines are also treated as end items when documenting [TD](#) compliance or when work is performed on a removed engine. See [END ITEM](#).

END ITEM - A final combination of end articles, component parts and materials that is ready for its intended use, for example, aircraft, NC-2A, or avionics test bench.

ENGINE ACCESSORIES - Those items of equipment required for engine operation that are not an integral part of the engine. Such equipment is included in the engine [IPB](#). In most cases, they are attached to the engine, but in special situations could be airframe mounted, such as oil pumps, fuel controls, engine driven fuel pumps, temperature amplifiers, afterburner controls, carburetors, magnetos, distributors, and ignition harnesses.

ENGINE INSPECTION - See [INSPECTION](#).

ENGINEERING COGNIZANCE - The delegated authority for issuing, maintaining, and changing a specification, standard, or technical document.

ENLISTED AVIATION MAINTENANCE PERSONNEL TRAINING AND QUALIFICATION JACKET - A standardized official record that provides a repository for the accumulation of training for enlisted Marines engaged in aviation maintenance.

ENROUTE - The physical movement of aircraft incident to change in its physical or reporting custody. See [FERRY](#).

ENTRS - ENTERPRISE NAVY TRAINING RESERVATION SYSTEM

EOC CODE - EQUIPMENT OPERATIONAL CAPABILITY CODE - EOC codes relate a particular system/subsystem within a T/M/S of equipment to a specific mission. An EOC code is a three-character alphanumeric code that identifies the degree of degradation to mission capability and the system responsible for the degradation. The first character (alpha) is documented in [NALCOMIS OMA/OOMA](#). The second and third characters (numeric) are computer generated from the first two positions of the WUC.

EOQ - END OF QUARTER

EOR - EQUIPMENT OPERATING RECORD

EOS - EQUIPMENT OUT OF SERVICE - Nonoperational aircraft in relation to SCIR documentation. Those aircraft, which are "OUT" of material condition reporting status and are reported in an inventory status code other than A.

EOT - EQUIPMENT OPERATING TIME

EPA - ENVIRONMENTAL PROTECTION AGENCY

EPM - ENHANCED PHASE MAINTENANCE - The integration of depot maintenance inspections with existing O-level phase maintenance. Each aircraft is inspected semi-annually based on task RCM intervals.

EPSM - ENGINE/PROPULSION SYSTEMS MODULE

EQUIP - EQUIPMENT

EQUIPAGE - The noninstalled articles, not usually associated with a specific model of aircraft that make up the configuration on aircraft. Examples are life rafts, parachutes, safety belts, survival equipment, portable fire extinguishers, flight clothing, and similar items.

EQUIPMENT - All articles needed to outfit an individual or organization. The term refers to clothing, tools, utensils, vehicles, weapons, and similar items.

EQUIPMENT ALLOWANCE LISTS - A generic term indicating the publications, or sections thereof, that prescribe the equipment and weapons authorized for military organizations.

EQUIPMENT APPLICABILITY INDEX - A part of the Naval Aeronautical Publications Index which gives a listing of aircraft and equipment, arranged in alphabetical order, with applicable manuals shown by their publication number.

EQUIPMENT MAINTENANCE MANAGEMENT - The process of developing workload requirements, forecasting and planning, organizing, staffing, directing, and controlling the engineering, industrial, and other resources necessary to effectively and economically support the equipment operation objectives of the Navy.

EQUIPMENT PERFORMANCE DATA - Historical information relating to maintainability and reliability characteristics of systems, subsystems, and components of weapons systems and end items during their operational application.

EQUIPMENT, DIVISION OF - The following is a sequential listing of equipment divisions:

PART - Pieces joined together that are not normally subject to disassembly without destruction of the designed use.

SUBASSEMBLY - Two or more parts that form a portion of an assembly or a unit, replaceable as a whole, but having a part or parts that are individually replaceable.

COMPONENT/ASSEMBLY - A number of parts or subassemblies, or any combination, joined together to perform a specific function. This term applies to items that cannot be further disassembled for test or repair without requiring shop facilities.

NOTE: The distinction between an assembly and a subassembly is not always exact. An assembly in one instance may be a subassembly in another where it forms a portion of an assembly.

UNIT - An assembly or any combination of parts, subassemblies, and assemblies mounted together, normally capable of independent operation in a variety of situations.

GROUP - A collection of units, assemblies, or subassemblies that is a subdivision of a set or system, but is not capable of performing a complete operational function.

SET - A unit or units and the necessary assemblies, subassemblies, and parts connected or associated together to perform an operational function.

SUBSYSTEM - A major portion of a system that performs a specific function in the overall operational function of the system.

SYSTEM - A complete system within the weapon such as landing gear system, flight control system, or radar navigation system.

ANCILLARY DEFINITIONS

ACCESSORY - A part, subassembly, or assembly designed for use in conjunction with or to supplement another assembly, unit, or set that contributes to the effectiveness without extending or varying the basic function of the assembly or set. An accessory may be used for testing, adjusting, or calibrating.

ATTACHMENT - A part, subassembly, or assembly designed for use in conjunction with another assembly, unit, or set that contributes to the effectiveness by varying the basic function of the assembly or set.

ERAC - ELECTRONIC RAPID ACTION CHANGE

ERT - EMERGENCY RECLAMATION TEAM

ESA - ENGINEERING SUPPORT ACTIVITY

ESAMS - ENTERPRISE SAFETY APPLICATION MANAGEMENT SYSTEM

ESC - EXECUTIVE STEERING COMMITTEE

ESD - ELECTROSTATIC DISCHARGE - The transfer of electrostatic charge between bodies at different electrostatic potentials caused by direct contact or induced by an electrostatic field and is potentially damaging to electrical and electronic equipment.

ESDS - ELECTROSTATIC DISCHARGE SENSITIVE

ESOH - ENVIRONMENTAL SAFETY AND OCCUPATIONAL HEALTH

ESSI - ENHANCED SPECIAL STRUCTURAL INSPECTION

ET - Symbol for EDDY CURRENT

ETM - ELECTRONIC TECHNICAL MANUAL

ETR - ENGINE TRANSACTION REPORT

ETS - ENGINEERING AND TECHNICAL SERVICES

EXAMINATION - An element of inspection consisting of investigation, without the use of special laboratory appliances or procedures, of supplies and services to determine conformance to those specified requirements that can be determined by such investigations. Examination is generally nondestructive and includes, but is not limited to, visual, simple physical manipulation, gauging, and measurement.

EXCD - EXCEPTION CODE

EXCEEDANCE - Surpassing or exceeding a life limit

EXCESS IN-USE ACCOUNTABLE SE - On hand quantities of [SE](#) not authorized by the [IMRL](#).

EXCESS PROPERTY - Property in the possession of any component of [DOD](#) that exceeds the quantity required or authorized for retention by that component.

EXECUTIVE SERVICE - The [DOD](#) service that is formally designated, assigned responsibility, and delegated authority for life-cycle management of a multiservice aeronautical system.

EXPEDITIONARY UNIT - A reporting custodian that typically deploys to air facilities within combat zones. The unit deploys with its [CO](#), assigned aircraft, and expeditionary logistics unit, bringing a self-sustained aviation combat element in direct support of ground forces.

EXPENDABLE SUPPLIES AND MATERIAL - Supplies that are consumed in use, such as ammunition, paint, fuel, cleaning and preserving materials, or supplies that lose their identity, such as spare parts. Sometimes, they are referred to as consumable supplies and material.

EXPERIMENTAL AIRCRAFT - Aircraft acquired by the Navy solely for use in research and development.

EXPLOSIVE ORDNANCE - Complete air launched weapon system(s) and components, except torpedoes and mines. Torpedoes and mines, supported by the [COMNAVSEASCOM](#), are in some cases adapted to aircraft delivery. [COMNAVAIRSCOM](#) is responsible for the modification and equipment necessary to carry these weapons in aircraft.

EXPLOSIVE SYSTEM - Includes its components and the operationally adjacent mechanisms. Examples of explosive systems are: small arms, chaff dispensers, projectiles, bombs, missiles, rockets, targets using explosive materials, mines, torpedoes, grenades, charges, rounds, [CADs](#), [PADs](#), explosively operated stud drivers, gun mounts, missile grenades, and sonobuoys.

EXREP - EXPEDITIOUS REPAIR - The processing for repair of [NIS](#) or [NC](#) components (repairable or consumable). These components must be in support of, or related to, an [NMCS](#) or [PMCS](#), situation. This processing is accomplished by the immediate removal of the component from the aircraft, expedited delivery and induction for repair, and the earliest return to [RFI](#) status for supply issue under the standard material issue priority system.

F

F&T - FUNCTION AND TEAM

FA - FIXED ALLOWANCE

FAA - FEDERAL AVIATION ADMINISTRATION (EVALUATIONS) - The engineering, test planning, ground testing, flight testing, test reports, flight manual supplements, and procedures for continued airworthiness required by the FAA for granting or amending a Type Certificate or granting a Supplemental Type Certificate.

FACILITY - Any building, property, space, shop, hangar, work center, or parking area, both afloat and ashore, used for the upkeep, maintenance, and repair of aircraft, aircraft weapon systems, or aircraft components.

FACILITY MAINTENANCE - Routine, recurring work required to keep a facility, plant, building, structure, ground facility, utility system, or any real property in such a condition that it may be continuously used at its original or designed capacity, efficiency, and intended purpose.

FAD - FORCE ACTIVITY DESIGNATOR

FAILSAFE - FLEET AIR INTRODUCTION LIAISON SURVIVAL AIRCREW FLIGHT EQUIPMENT

FAILURE - The event, or inoperable state, in which any item or part of an item does not, or would not, perform as previously specified.

FAILURE CAUSE - The physical or chemical processes, design effects, quality defects, part misapplication or other processes which are the basic reason for failure or which initiate the physical processes by which deterioration proceeds to failure.

FAILURE MODE - The specific manner of failure; the engineering mechanism of failure; the circumstance or sequence of events which leads to a particular functional failure.

FAILURE RATE - The number of failures of an item per unit measure of life (cycles, time, miles, events, etc. (as applicable) for the item).

FAL - FOCUS AREA LIST - A [T/M/S](#) listing of corrosion prone areas derived from PMI-1/IMC/P event discrepancies, which consume 80 percent of corrosion related repairs.

FAME - F/A-18 AUTOMATED MAINTENANCE ENVIRONMENT

FAQ - FREQUENTLY ASKED QUESTIONS

FAR - FEDERAL ACQUISITION REGULATION OR FEDERAL AVIATION REGULATION

FASOTRAGRU - See [CENNAVAVNTECHTRA](#) and [CENNAVAVNTECHTRAU](#).

FC - FLIGHT CRITICAL - Any identified discrepancy that is directly related to Safety of Flight. See [SAFE FOR FLIGHT](#).

FCA - FIELD CALIBRATION ACTIVITY - An I-level (W/C 670) calibration activity that provides calibration/repair services to MEASURE participants.

FCF - FUNCTIONAL CHECK FLIGHT - Flights performed to determine if the airframe, power plant, accessories, and items of equipment are functioning per predetermined requirements while subject to the intended operating environment. FCFs are conducted when it is not feasible or possible to determine safe/required functioning by means of ground checks.

FE - FLEET EQUIPMENT

FEA - FRONT END ANALYSIS

FED - FLEET ENGINEERING DISPOSITION - A program used to authorize repair procedures to be performed by I-level activities for aircraft and components damaged beyond documented I-level repairable limits. FED permits deviation from documented procedures on a case-by-case basis as directed by the cognizant ISSC engineering authority.

FEDLOG - FEDERAL LOGISTICS DATA - is an interactive query system using a variety of types of search data to significantly reduce the time required to access all information necessary to identify and order supplies.

FERRY - The process of flying an aircraft from one physical location to another. Within the aviation community, this term has two meanings: any flight whose primary purpose is relocation of the airframe; portable ferry flights conducted per ACC/TYCOM directives. These flights are funded by an organization other than the aircraft reporting custodian. This definition applies to all applications of the term ferry as it appears in this instruction.

FH - FLIGHT HOURS

FID - FAULT ISOLATION DETECTION

FID - FIXED INDUCTION DATE - Fixed IMC/P due dates for maintenance intervals as determined by RCM analysis. For IMC/P aircraft, the fixed date is determined for the start of a PMI and is numbered sequentially within a tour. FID1 marks the start of the tour and is equal to the PED of the previous tour.

FIELD MAINTENANCE – Maintenance performed at shore and sea operational sites to rapidly return aircraft and equipment to operational status. Field maintenance encompasses organizational level maintenance of aircraft and equipment, intermediate-level (normally off-aircraft/off-equipment) repair of components and end items, and less complex D-level maintenance that can be performed at operational sites instead of in industrial depot facilities.

FIELD SERVICE REPRESENTATIVE - An employee of a manufacturer of military equipment or components who provides liaison or advisory service between the company and the Navy for their company's equipment or components. See CETS.

FIRST-DEGREE REPAIR - The repair of gas turbine engines to a depth, which includes and goes beyond that repair authorized for second- and third-degree IMAs. It includes compressor rotor replacement and disassembly to a degree that the compressor rotor is removed. Any degree of repair, which requires

compressor rotor removal, constitutes first-degree repair. Only those activities specifically designated as first-degree repair activities and included in NAVAIR NOTE 4700 will be outfitted to accomplish repair of that magnitude.

FISC - FLEET INDUSTRIAL SUPPLY CENTER

FIX PHASE - The portion of a scheduled inspection that involves the correction of discrepancies found during the look phase.

FIXED ALLOWANCE MANAGEMENT AND MONITORING SYSTEM - A mechanized supply database management system used by most major naval air activities to support the IMA supply operation. It is a subsystem of the UADPS presently in use throughout the Navy.

FLE - FATIGUE LIFE EXPENDITURE

FLEET CONTROLLED MATERIAL - Material under the requisitioning, rationing, and issue control of COMNAVAIRFOR, or its designated controlling agencies. A list of fleet controlled material is published by the Aviation Material Offices, Norfolk, VA and San Diego, CA.

FLEET INTRODUCTION PROGRAM - An accelerated flight program that lasts approximately 100 flight hours per aircraft, normally conducted at the NAVAIRWARCENACDIV Patuxent River for the purpose of introducing a new model to fleet personnel for indoctrination in the operation and maintenance of the aircraft. A secondary purpose is to provide a further check on the readiness of the aircraft for fleet delivery.

FLEMATSUPPO - FLEET MATERIAL SUPPORT OFFICE

FLIGHT - A flight begins when the aircraft first moves forward on its takeoff run or takes off vertically from rest at any point of support and ends after airborne flight when the aircraft is on the surface and either; (a) the engines are stopped, (b) the aircraft has been on the surface for 5 minutes, or (c) a change is made in the pilot in command. A series of landings is considered part of one flight and the provisions of (b) above do not apply. OPNAVINST 3710.7 contains a more precise definition.

FLIS - FEDERAL LOGISTICS INFORMATION SYSTEM

FLR - FIELD LEVEL REPAIRABLE - A low cost repairable, capable of being restored to serviceable condition at the IMA, as indicated by the SM&R code. Final disposition of an FLR usually rests with the IMA.

FLTMPS - FLEET TRAINING MANAGEMENT AND PLANNING SYSTEM

FLYABLE - An aircraft in such material condition as to be safe and capable of normal flight operations without regard to: capability to perform a specific mission, weather, personnel availability, base condition, fuel condition, armament, or flight schedule.

FMC - FULL MISSION CAPABLE - Material condition of an aircraft that can perform all of its missions.
FMC Hours = MC Hours - PMC Hours.

FMF - FLEET MARINE FORCE - A force of arms comprising land, air, and surface elements of the U. S. Marine Corps. The FMF is an integral part of a U. S. Fleet and has the status of an operational TYCOM.

FMS - FOREIGN MILITARY SALES

FOD - FOREIGN OBJECT DAMAGE - Damage to aeronautical equipment, for example, aircraft, engines, missiles, drones, and SE caused by an object(s) external to the equipment. (Gas turbine engine FOD is defined as damage that exceeds serviceable limits caused by ingestion of objects not organic to the damaged engine.)

FOM - FACILITATE OTHER MAINTENANCE

FOP - FLIGHT OPERATIONS PROCEDURES

FORMATS - Reports generated from the MEASURE Program that list specific information in varying formats. Formats are either generated locally or published and distributed by MOCCs Norfolk and San Diego to customer services and calibration facilities. In addition to standardized formats, standard and adhoc queries are available via on-line access to the cognizant MOCC. OP43P6B contains all MEASURE reports. The following defines typical formats utilized by COMNAVAIRSYSCOM maintenance activities:

INVENTORY FORMAT 310 - The customer activity maintains the inventory and is responsible for the accuracy of the information. Provides important information, such as P/N, S/N, subcustodian, calibration interval, scheduled laboratory code, and next due date.

INVENTORY FORMAT 350 - Normally distributed by customer activities and maintained by subcustodians. Format 350 lists only items from the parent Format 310 that is checked out to and under physical control of the subcustodian.

LABORATORY RECALL FORMAT 801/803 - A report that lists all items requiring calibration during a specified time frame. Format 801 is sorted by customer activity and next due date and the Format 803 is sorted by next due date. The report lists items requiring servicing in-lab and on-site, by due date, for the current month, the following 3 months, and items overdue for calibration.

RECALL FORMAT 802/805 - A report that lists all items requiring calibration during a specified time frame. Format 802 is sorted by subcustodian and next due date and the Format 805 is sorted by next due date. Customer activities distribute Format 802 reports to appropriate subcustodians. The report lists items requiring servicing in-lab and on-site, by due date, for the current month, the following 3 months, and items overdue for calibration.

FOSSAC - FITTING OUT AND SUPPLY SUPPORT ASSISTANCE CENTER

FOUNDATION TIER - A publisher and subscriber server located at O-level or I-level activities.

FR - FORCE REVISION

FRC - FLEET READINESS CENTER

FRC AREA COMMAND - An aviation activity authorized to provide/perform integrated off-flight line repair, in-service **I-level** and **D-level** scheduled inspections/modifications, check, test, repair/manufacture of aeronautical components and **SE** for supported aircraft.

FRC SITE - An aviation activity assigned to an **FRC area command** authorized to provide/perform integrated off-flight line repair, in-service I-level and D-level scheduled inspections/modifications, check, test, repair/manufacture of aeronautical components and **SE** for supported aircraft.

FRCE - FLEET READINESS CENTER EAST

FRCSE - FLEET READINESS CENTER SOUTHEAST

FRCSW - FLEET READINESS CENTER SOUTHWEST

FRCWP - FLEET READINESS CENTER WESTERN PACIFIC

FRD - FACILITIES REQUIREMENT DOCUMENT

FREST - FLEET REPLACEMENT ENLISTED SKILLS TRAINING - See [CENNAVAVNTECHTRAU](#).

FRS - FLEET REPLACEMENT SQUADRON

FRTTP - FLEET READINESS TRAINING PLAN

FS - FLEET SUPPORT - Aircraft temporarily assigned to [NAVAIRSYSCOM](#) Fleet Support (NASC FS) physical custody for rework, storage, or future assignment to the operational aircraft inventory

FSC - FEDERAL SUPPLY CLASSIFICATION

FSCM - FEDERAL SUPPLY CODE FOR MANUFACTURERS (SEE CAGE)

FSP - FIXED SERVICE PERIOD - Fixed **IMC/P** tour is a cycle, which combines all **PMIs** and **POIs** completing all, scheduled **D-level** requirements.

FST - FLEET SUPPORT TEAM - The primary elements of the Program Manager-Air (**PMA**) Integrated Program Team (**IPT**) organizations chartered with ensuring effective fleet support is identified, implemented, analyzed/assessed, and sustained. The FST provides responsive support to fleet and **FRC** maintenance organizations when engineering and logistics technical support issues are encountered. The FSTs also provide acquisition support to their **PMA**s to ensure new equipment and modifications and upgrades to existing equipment are designed, tested and fielded with fleet support and in-service sustainment as a primary consideration.

FTS - FIELD TEAM SUPPORT

FUNCTIONAL TEST - The testing of installed aircraft/engines, accessories, and equipage to determine proper functioning, particularly with respect to the applicable system.

FUND CODE - The project tracking funding codes. A two-digit code identifying the operating budget and the appropriate expense element. Fund codes are used to charge the appropriate [TYCOMs](#) funds and to identify the nature of the expense.

G

G&C - GUIDANCE AND CONTROL

GAS TURBINE ENGINES - All turbine engines, whether used to power flight (including target drones, missiles, and missile targets) for auxiliary power or for starting purposes. Airborne or ground units are included in the meaning of this term.

GBL - GOVERNMENT BILL OF LADING

GENADMIN - GENERAL ADMINISTRATION

GENERAL PUBLIC - Visitors to an aviation activity, for example, family, friends, or other non-military, civilian, or contractor personnel.

GFE - GOVERNMENT FURNISHED EQUIPMENT - Equipment that has been selected and is to be furnished by the government to a contractor or government activity for installation in, use with, or in support of the aeronautical system during production, conversion, or modification.

GFE - GOVERNMENT FURNISHED EQUIPMENT (MANAGER) - The designated individual or office assigned by the Executive Service Program Manager responsible for the GFE Program. The GFE Manager provides a central point of contact for all GFE as related to the Aeronautical System Program.

GFI - GOVERNMENT FURNISHED INFORMATION

GFP - GOVERNMENT FURNISHED PROPERTY

GFRC - GROUND AND FLIGHT RISK CLAUSE

GFR - GOVERNMENT FLIGHT REPRESENTATIVE

GGFR - GROUND GOVERNMENT FLIGHT REPRESENTATIVE

GGR - GOVERNMENT GROUND REPRESENTATIVE

GMT - GENERAL MILITARY TRAINING

GOCO - GOVERNMENT OWNED CONTRACTOR OPERATED

GOP - GROUND OPERATIONS PROCEDURES

GOTS - GOVERNMENT-OFF-THE-SHELF

GOVERNMENT FURNISHED MATERIAL - Any material the government owns and is furnished to a contractor in the performance of a contract. See [GFE](#).

GPO - GOVERNMENT PROJECT OFFICER

GSA - GENERAL SERVICES ADMINISTRATION - An integrated manager responsible for supporting all federal agencies for specific classes of material or specific items within classes assigned to other integrated managers.

GTETS - GAS TURBINE ENGINE TEST SYSTEM

GTF - GLOBAL TEST FACILITIES

H

HAZCOM - HAZARD COMMUNICATION

HAZMAT - HAZARDOUS MATERIAL

HAZMINCEN - HAZARDOUS WASTE MINIMIZATION CENTER

HAZREP - HAZARD REPORT

HAZWASTE - HAZARDOUS WASTE

HAZWOPER - HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE STANDARD

HCN - HARD COPY NOTICE

HELICOPTER DYNAMIC COMPONENT - The part or series of parts that transmits power from the aircraft power plant to the rotary wing and rotary rudder (main, intermediate, and tail gear boxes; main and tail rotors; clutches and related drive shafting).

HM - HELICOPTER MINE COUNTERMEASURES

HMC&M - HAZARDOUS MATERIAL CONTROL AND MANAGEMENT

HMIRS - HAZARDOUS MATERIAL INFORMATION RESOURCE SYSTEM

HMMS - HAZARDOUS MATERIAL MANAGEMENT SYSTEM

HMR - HAZARDOUS MATERIAL REPORT

HMX - MARINE HELICOPTER SQUADRON

HOF - HEAD OF FAMILY

HOT REFUELING - An operational evolution where an aircraft is refueled while the engine(s) is (are) operating.

HOT SEATING - An operational evolution where the pilot/crew of an aircraft is changed while the engine(s) is (are) operating and the aircraft is to be immediately relaunched.

HQ - HEADQUARTERS

HRS - HOURS

HSU - HYDRAULIC SERVICING UNIT

HTS - HYDRAULIC TEST STAND

HUMS - HEALTH AND USAGE MONITORING SYSTEM

I

IAFC - INTERIM AIRFRAME CHANGE

IAMT - INVENTORY ACCURACY MANAGEMENT TOOL

IAVC - INTERIM AVIONICS CHANGE

ICD - INITIAL CAPABILITIES DOCUMENT

ICN - INVESTIGATION CONTROL NUMBER

ICP - INVENTORY CONTROL POINT - An organizational unit or activity within a [DOD](#) supply system, assigned the primary responsibility for the material management of a group of items either for a particular service or for the DOD as a whole. Material inventory management includes cataloging directions, requirements computation, procurement direction, distribution management, disposal direction, and general rebuild direction.

ICRL - INDIVIDUAL COMPONENT REPAIR LIST - ICRL is provided on [CNAP Share portal](#).

IDE - INTEGRATED DATA ENVIRONMENT

IDP - INDIVIDUAL DEVELOPMENT PLAN

IETM - INTERACTIVE ELECTRONIC TECHNICAL MANUAL - A technical manual prepared in digital form and designed for interactive display to the maintenance technicians or system operator end users by means of an electronic viewer, such as, the NAVAIR Standard IETM Viewer ([NSIV](#)) software application designed to be viewed on a Portable Electronic Maintenance Aide ([PEMA](#)) laptop.

IFF - IDENTIFICATION, FRIEND OR FOE

IH - INDUSTRIAL HYGIENIST

I-LEVEL - INTERMEDIATE LEVEL

I-LEVEL CALIBRATION ACTIVITY - A Navy activity, other than a Navy calibration or standards laboratory, authorized by the [TYCOM](#) and [COMNAVAIRSYSCOM](#) to perform calibration.

ILS - INTEGRATED LOGISTIC SUPPORT - A composite of all the support considerations necessary to ensure the effective and economical support of a system for its life cycle. It is an integral part of all other aspects of system acquisition and operation. ILS is characterized by harmony and coherence among all the logistic elements.

ILS MANAGER - The individual responsible for (1) defining and executing an integrated support program for a weapon system or equipment acquisition; (2) interpreting the operational concept of weapon systems and equipment for the purpose of establishing ILS concepts, requirements, parameters, and constraints for inclusion in appropriate basic planning documents, requests for proposal, contracts, and [ALSPs](#); and (3) accomplishing logistic support actions directly or assigning responsibilities for accomplishment to individual element managers within or external to the organization.

IMA - INTERMEDIATE MAINTENANCE ACTIVITY - An aviation activity (ship or station), including [MALS](#), authorized to provide I-level maintenance support. It consists of the aircraft maintenance, supply, and weapons departments/divisions. The I-level maintenance mission is to enhance and sustain the combat readiness and mission capability of supported activities by providing quality and timely material support at the nearest location with the lowest practical resource expenditure.

IMC/P - INTEGRATED MAINTENANCE CONCEPT/PROGRAM - IMC/P replaced [ASPA/SDLM](#) and [MCAPP](#) for a specific T/M/S aircraft. This scheduled [D-level](#) maintenance emphasizes a [FID](#) and may segregate the [OSP](#) into smaller periods of [POI](#) and [PMI](#). Specific T/M/S aircraft transition from initial concept to an approved maintenance plan upon concept validation and approval.

IMD-HUMS - INTEGRATED MECHANICAL DIAGNOSTICS - HEALTH AND USAGE MANAGEMENT SYSTEM

IMI - INTERACTIVE MULTIMEDIA INSTRUCTION - IMI applies to predominantly interactive, electronically delivered training and training support products. IMI products include all instructional software, content, graphics and software management tools used to support instructional programs (MIL-HDBK-29612-3A).

IMR - INDIVIDUAL MASTER ROSTER

IMRL - INDIVIDUAL MATERIAL READINESS LIST - A consolidated list shows items and quantities of certain [SE](#) required for material readiness of the aircraft ground activity to which the list applies. The lists are constructed by extracting those portions of [SERMIS](#) that pertain to the maintenance and material logistics responsibilities of the activity to which the list applies. See [AMMRL](#).

INACTIVE AIRCRAFT - Non-program and reserve stock aircraft.

INACTIVE TIME - That time during which an item is in the inactive inventory.

INC - INCORPORATED

INDIRECT LABOR - Used by Depot level to denote production overhead labor that does not meet the criteria for direct labor. See [DIRECT LABOR](#).

INDUSTRIAL ESTABLISHMENT - Naval aeronautical production establishments, organized along industrial rather than military lines. These establishments are equipped to perform aircraft rework on a large scale and an extremely wide scope. They are capable of performing limited manufacturing work. Only Navy and Marine Corps activities designated as [FRCs](#) are included in this explanation.

INFORMAL TRAINING - Training on aeronautical components, equipment, or maintenance procedures a supervisor deems necessary for the proper operation of a work center or to maintain proficiency. Usually associated with OJT; not following any specific or established curriculum.

INITIAL OUTFITTING - The process of issuing, assembling, and delivering allowances of aeronautical material and equipment to vessels in any one of the following categories: (1) new construction, (2) conversion, or (3) activating from reserve fleets.

INITIAL TRAINING - Training performed to enable the training agency to acquire the capability for training. Normally, the initial cadre is composed of instructional personnel. The scope of initial training includes furnishing those training aids, for example, transparencies, charts, diagrams, and films, or devices evolved by the manufacturer in the production of new weapons systems, preparation of technical or instructional publications, and initial instructional training.

INITIATION OF PROCUREMENT ACTION - The time when the approved document requesting procurement and citing funds is forwarded to the procuring activity. See [PROCUREMENT LEAD TIME](#).

IN-SHOP MAINTENANCE - Work that requires the use of shop facilities and cannot be normally performed outside the shop. (Bench test and component disassembly and repair are examples of in-shop maintenance work.)

INSPECT - To compare the characteristics of an item with established standards.

INSPECTION - The examination and testing of supplies and services, that include raw materials, components, and intermediate assemblies, to determine whether they conform to specified requirements.

INSPECTIONS, AIRCRAFT/ENGINE/SUPPORT EQUIPMENT -

ACCEPTANCE INSPECTION - An inspection performed at the time a reporting custodian accepts a newly assigned aircraft, engine, or [SE](#) from any source, including return from an off-site depot facility or commercial repair activity. See [Chapter 3](#) for aircraft acceptance inspection requirements. See [paragraph 10.17](#) for SE acceptance inspection requirements.

CONDITIONAL INSPECTION - An inspection required due to an over limit condition or operational event. Examples of over limit conditions: Hard landing, overstress, over temp, lightning strike, overweight take-off or landing, and field arrestment. Examples of operational events: Pre carrier and post carrier inspections, and one-time inspections directed by higher authority (not directed by a [TD](#)).

DAILY INSPECTION - An inspection conducted to inspect for defects to a greater depth than the turnaround inspection.

MAJOR ENGINE INSPECTION - A comprehensive [I-level](#) or [D-level](#) inspection to determine the material condition of the engine.

PHASE INSPECTION - A series of related inspection and maintenance requirements performed sequentially at specific intervals.

PREOPERATIONAL INSPECTION - A static or functional inspection, performed by the activity having physical custody, to verify that a unit of **SE** is properly serviced and ready for use. These inspections are performed prior to each use as specified on the **MRCs**.

SPECIAL INSPECTION - A scheduled inspection with a prescribed interval other than daily, phase, major engine, or Standard D-level rework. Special Inspection intervals are specified in technical publications with intervals based on elapsed calendar time, flight hours, operating hours, or number of cycles or events, for example, every 28 days; every 100 operating hours; every 10 arrestments; or every 5000 rounds fired.

TRANSFER INSPECTION - An inspection performed at the time a reporting custodian transfers an aircraft or **SE** to another activity, including delivery to an off-site depot facility. See **Chapter 3** for aircraft transfer inspection requirements. See **paragraph 10.17** for SE transfer inspection requirements.

TURNAROUND INSPECTION - An inspection conducted between flights to verify proper servicing, detect defects that may have occurred during the previous flight, and verify the aircraft is safe for the next flight.

ZONAL INSPECTION - A general inspection of a specific area for obvious defects, such as leaks, frayed cables, cracks, corrosion, physical damage, cleanliness, and foreign objects. Zonal inspections are normally performed in conjunction with other scheduled or unscheduled maintenance tasks, for example, a technician performing an inspection or maintenance on a radar antenna would also perform a zonal inspection of the entire radar compartment for obvious defects.

INST - INSTALLED

INSTRUCTIONS - Directives of a continuing nature that are effective until subsequently canceled. Instructions use a subject classification numbering system per the Navy directives system.

INT - INTERIM

INTERCHANGEABLE ITEMS - Two or more items that have such functional and physical characteristics as to be equivalent in performance and durability, and are capable of being interchanged without alteration of the items themselves or of adjoining items except for adjustment.

INTERDEPARTMENTAL/AGENCY SUPPORT - Provision of logistic/administrative support in services or material by one or more military services to one or more departments or agency of the U. S. Government (other than military) with or without reimbursement. See **SERVICING**.

INTERIM CHANGE - A change having an action classification of immediate or urgent and issued by message. See **CHANGE**.

INTERSERVICE SUPPORT AND SERVICES - Action by one military service or element to provide logistic/administrative support to another military service or element thereof. Such action can be recurring or nonrecurring in character, on an installation, area, or worldwide basis.

INVENTORY CONTROL - The phase of military logistics that includes management, cataloging, requirements determination, procurement, distribution, overhaul, and disposal of material. Synonymous with material control, material management, inventory management, and supply management.

INVENTORY MANAGEMENT - See [INVENTORY CONTROL](#).

INVENTORY MANAGERS - See [ICP](#).

INVESTIGATION - Inquiry into a condition or situation systematically for the purpose of developing and providing factual information to cognizant authorities.

IOU - I OWE YOU

IPB - ILLUSTRATED PARTS BREAKDOWN - A manual containing illustrations and part numbers for all parts of the aircraft or equipment on which it is issued. The IPB contains information required for ordering parts, including part numbers, and for identifying parts and arrangements of parts in assemblies.

IPI - ITEMS PROCESSED INTERMEDIATE

IPO - ITEMS PROCESSED ORGANIZATIONAL

IPS - INDUSTRIAL PRODUCTION SUPPORT

IPT - INTEGRATED PROGRAM TEAM

IQR - INDIVIDUAL QUALIFICATION RECORD

IRAC - INTERIM RAPID ACTION CHANGE

IRIL - ISSUE/RECEIPT/INVENTORY AND LOCATION

IRIM - INTENSIVE REPAIRABLE ITEM MANAGEMENT

ISE - IN-SERVICE ENGINEERING

ISEA - IN-SERVICE ENGINEERING ACTIVITY

ISEL - IN-SERVICE ENGINEERING LOGISTICS

ISIC - IMMEDIATE SUPERIOR IN COMMAND

ISO - INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISR - IN-SERVICE REPAIR - Unscheduled depot-level repair of operational aircraft damaged beyond the repair capability of O-level and I-level activities. ISR is performed by depot field teams at the aircraft operational site.

ISSC - IN-SERVICE SUPPORT CENTER - The Research and Engineering (AIR-4.0), Logistics (AIR-6.0H), and Program Management (AIR-1.0) organizations located at Fleet Readiness Center East (FRCE), Cherry Point, NC; Fleet Readiness Center Southeast (FRCSE), Jacksonville, FL; and Fleet Readiness Center Southwest (FRCSW), North Island, CA. The ISSCs have the responsibility for providing the in-service support for Navy and Marine Corps aviation assets throughout the [NAE](#) with each ISSC having a regional coverage area. ISSCs provide services, such as modification design and development, direct flight line and

maintainer support, engineering investigations, mishap investigations, provisioning services, and production line on-site support for I-level and D-level activities.

IST- IN-SERVICE TRAINING

ITEM - Any level of hardware assembly, for example, segment of a system, subsystem, equipment, or component part.

ITEM OF SUPPLY - An item that is used, bought, stocked, or distributed so that only one distinctive combination of letters, numerals or both, identifies the same item throughout the DOD.

ITEMS/P - ITEMS PROCESSED - This term identifies the total number of times an AT code is applied toward a WUC.

ITSS - INDIVIDUAL TRAINING STANDARDS SYSTEM - A Marine Corps performance-based, standardized, documentable, level progressive, technical skills training management and evaluation program for enlisted Marines engaged in aviation maintenance.

IVHM - INTEGRATED VEHICLE HEALTH MANAGEMENT

J

JASMMM - JOINT AVIATION SUPPLY AND MAINTENANCE MATERIAL MANAGEMENT

JASU - JOINT AVIATION SCREENING UNIT

JC - JOB COMPLETE

JCN - JOB CONTROL NUMBER

JCNORG - JOB CONTROL NUMBER ORGANIZATION

JDMAG - JOINT DEPOT MAINTENANCE ANALYSIS GROUP

JDRS - JOINT DEFICIENCY REPORTING SYSTEM - A cross-service, Web-enabled, automated tracking system designed to initiate, process, and track deficiency reports from the fleet through the full investigation process.

JEDMICS - JOINT ENGINEERING DATA MANAGEMENT IMPLEMENTATION CONTROL SYSTEM

JETI - JET ENGINE TEST INSTRUMENTATION

JOAP - JOINT OIL ANALYSIS PROGRAM

JON - JOB ORDER NUMBER

JPCG - JOINT POLICY COORDINATING GROUP

JPCG-DMI - JOINT POLICY COORDINATING GROUP DEPOT MAINTENANCE INTERSERVICE (PROGRAM)

JQR - JOB QUALIFICATION REQUIREMENT - Locally produced PQS-type qualification training syllabus for qualifications not covered in a NAVEDTRA PQS.

JRB - JOINT RESERVE BASE

JS - JOB STATUS

JTDI - JOINT TECHNICAL DATA INTEGRATION

JTS - JET ENGINE TEST SYSTEM

JUAS - JOINT UNMANNED AIRCRAFT SYSTEMS

JULIAN DATE - The year and numerical day of the year identified by four numeric characters. The first character indicates the year and the remaining three characters specify the day of the year, for example, 5210 indicates the 210th day of 1995 or 28 July 1995.

K

KIN - KIT IDENTIFICATION NUMBER

KIT - See PARTS KIT, PARTS KIT CODES, and QEC.

L

LAD - LASER AIMING DEVICE

LAMS - LOCAL ASSET MANAGEMENT SYSTEM - An automated MIS which provides standardized local management of IMRL assets through the use of bar code technology. It provides for an accurate wall-to-wall inventory, which can be accomplished by unit personnel, resulting in significant reductions of manpower expenditures and operational disruptions.

LAN - LOCAL AREA NETWORK

LANDING - The controlled return of an aircraft in flight to the surface. It includes touch and goes (carrier or field) providing the landing gear touches the surface. A bolter is an attempted arrested landing on a carrier in which the landing gear or hook touches the deck but the arresting gear is not engaged and the aircraft continues in flight.

LANT/PAC - ATLANTIC/PACIFIC

LCF - LOW CYCLE FATIGUE - A fatigue cracking failure mode that is defined by the frequency and characteristics of the loading that causes the crack. LCF is caused by stresses built up by mechanical/thermal cycles, which occur only a few times per flight. The four most significant LCF events are stop/start/stop cycles, rapid major changes in operating temperature, rapid major changes in rotational speed, and significant increases in aerodynamic loading of the blades/disks.

LCIP - LOGISTICS CHAIN IMPROVEMENT PRACTITIONER

LCM - LOGISTICS CHAIN MANAGEMENT

LCP - LOCAL COMMAND PROCEDURE - A local instruction published by maintenance activities or supporting staff to clarify geographic area, type/model/series specific, and command specific details not addressed in a [NAMPSOP](#). LCP format is specified in [appendix D](#). Depot Level use either [appendix D](#) or the format specified in OPNAVINST 5215.17 for LCPs

LCPO - LEADING CHIEF PETTY OFFICER

LEAD TIME - A composite of production, administrative (both contractor and government), spares positioning, and shipping time.

LEC - LOCAL ENGINEERING CHANGE

LECP - LOGISTICS ENGINEERING CHANGE PROPOSAL

LED - LOCAL ENGINEERING DIRECTIVES

LEM - LOGISTICS ELEMENT MANAGER

LES - LOCAL ENGINEERING SPECIFICATION(S)

LEVEL OF SUPPLY - The quantity of supplies or materials authorized or directed to be held in anticipation of future demands. See [OPERATING LEVEL OF SUPPLY](#), [SAFETY LEVEL OF SUPPLY](#), and [STOCKAGE OBJECTIVE](#).

LHA - LANDING SHIP, HELICOPTER ASSAULT

LHD - MULTI-PURPOSE AMPHIBIOUS ASSAULT SHIP

LIFE CYCLES - The total life span of an aeronautical system beginning with the concept formulation phase and extending through the operational phase up to retirement from the inventory.

LIR - LOGBOOK AND INVENTORY RECORD

LLR - LIFE LIMITED REPAIR

LM - LOGISTICS MANAGER

LMRC - LOCAL MAINTENANCE REQUIREMENTS CARDS

LOAN - Aircraft loaned to non-Navy organizations for non-Navy purposes. A lease may or may not be required to cover the loan. **Aircraft that are in the Navy inventory but not in the physical custody of the Navy are either on bailment or on loan. Bailment indicates usage by the Bailee for the Navy, while loan indicates usage by the lesser for the lessee.** See [BAILMENT](#).

LOCAL PURCHASE - The function of acquiring a decentralized item of supply from sources outside the [DOD](#).

LOGBOOK, AIRCRAFT - See [AIRCRAFT LOGBOOK](#).

LOGISTIC ELEMENT MANAGER - Systems command or other designated organizations or activities responsible for the management of spares and repair parts, personnel, or facilities. A logistic element manager has the ultimate objective of acquiring and distributing adequate quantities of specific support items on a timely basis.

LOGISTICS - Military science in its planning and carrying out the movement and maintenance of forces. For its most comprehensive sense, those aspects of military operations that deal with design and development, acquisition, storage, movement, distribution, maintenance, evaluation, and disposition of material; movement, evaluation, and hospital inspection of personnel; acquisition or construction, maintenance, operation, and disposition of facilities; and acquisition or furnishing of services.

LOGISTICS SUPPORT - The materials and services required to enable the operating forces to operate, maintain, and repair the end item within the maintenance concept defined for that end item. Logistics support encompasses the identification, selection, procurement, scheduling, stocking, and distribution of spares, repair parts, facilities, [SE](#), trainers, technical publications, [CETS](#), and personnel training as necessary to provide the operating forces with the capability needed to keep the end item in a functioning status. See [ILS](#).

LOGISTICS SUPPORT EQUIPMENT - Equipment used for the packaging, bulk handling, storage/stowage, and transportation of weapons and weapon components. Some of these items are categorized as materials handling equipment and ordnance handling equipment.

LONG LEAD TIME ITEMS - All parts for which the contractor, because of the length of time needed to meet end article delivery schedules, considers it essential to have firm orders placed prior to normal repair parts procurement schedules to permit delivery of the item to meet operational support dates.

LOOK PHASE - The portion of an inspection that includes the basic requirements outlined by the [PMICs](#), excluding repair of discrepancies that cannot be completed within the time allotted on [MRCs](#).

LOX - LIQUID OXYGEN

LPD - AMPHIBIOUS TRANSPORT DOCK

LPS - LOCAL PROCESS SPECIFICATION(S)

LRA - LAST REWORK ACTIVITY

LRCA - LOCAL REPAIR CYCLE ASSET - Any repairable item in an activity's OSI fixed allowance for which local repair capability exists.

LSA - LIBRARY SERVICE AREA

LSS - LEAN SIX SIGMA

LUI - LIFE USAGE INDEX

M

M - MAINTENANCE (JOB STATUS)

MACG - MARINE AIR CONTROL GROUP

MACHINE RECORD - A collection of related data elements, in machine-sensible language, treated as a unit of information. In maintenance data collection, a machine record is a segment of magnetic tape.

MACS - MARINE AIR CONTROL SQUADRON

MAF - MAINTENANCE ACTION FORM - A work document generated in OIMA. See [OIMA](#).

MAG - MARINE AIRCRAFT GROUP

MAGNETIC PARTICLE - A method that uses magnetic fields for the purpose of detecting fine discontinuities at or near the surface of the part. This method is limited to ferromagnetic materials. See [NDI](#).

MAGTF - MARINE AIR GROUND TASK FORCE

MAINT/L - MAINTENANCE LEVEL

MAINTAINABILITY - The ability to maintain an item in, or restore to, a specific operational condition by expending resources, including man-hours, at an acceptable rate when using prescribed procedures and resources.

MAINTENANCE - The function of retaining material in or restoring it to a serviceable condition. Maintenance includes servicing, repair, modification, modernization, overhaul, rebuild, test, reclamation, inspection, and condition determination. See [MAINTENANCE TYPES](#) for distinctions in the scope of maintenance.

MAINTENANCE ACTION - Any one of a number of types of specific maintenance operations necessary to retain an item in or restore it to a specified condition. See [MAINTENANCE](#)

MAINTENANCE ACTIVITY - Any organization (activity or unit) of the naval establishment assigned the mission, task, or functional responsibility of performing aircraft upkeep or rework. Use of the term refers to organizations and personnel occupying aircraft maintenance facilities and using aircraft maintenance material, but does not include reference to the facilities or material themselves. Aircraft maintenance activities are classified as to levels of maintenance performed. The highest level a particular activity is responsible for performing is established as the activity's classification. This classification does not necessarily mean the activity involved is responsible for all lower levels of maintenance. See [AVIATION ACTIVITY](#).

MAINTENANCE ALLOCATION TABLE - Describes the function to be performed in the repair of gas turbine engines, identifying the degree of repair.

MAINTENANCE AND SUPPORT PLANS - Combined elements of a maintenance plan per DODINST 5000.02 and referring to maintenance and logistical support documents, such as User's Logistic Support Plan, Post Production Support Plan, [ALSP](#), or [SSMP](#) maintenance manuals specific to a particular [T/M/S](#) aircraft.

MAINTENANCE CODE - Codes assigned to support items to indicate the maintenance levels authorized to remove and replace, repair, overhaul, assemble, inspect and test, and condemn items. Also assigned to

maintenance tools and end items of [SE](#) to indicate the lowest level of maintenance requiring the item. See [SM&R](#).

MAINTENANCE CONCEPT - The planned or envisioned methods that will be employed to sustain the aeronautical system/equipment at a defined level of readiness or in a specified condition in support of the operational requirement. This includes significant aeronautical system/equipment characteristics, for example, built-in test, compatibility with existing or planned testing and [SE](#), and a generalization of logistics support element requirements (manpower, equipment, facilities, and workload distribution throughout the defined maintenance level). The maintenance concept is initially stated by the government for design and support planning purposes and provides the basis or point of departure for development of the plan to maintain. The maintenance concept may be influenced or modified by economic, technical, or logistics considerations as the design development of the aeronautical system/equipment proceeds.

MAINTENANCE CONTROL - The functional organization within the [OMA](#) responsible for workload control.

MAINTENANCE DEPARTMENT - The part of an activity responsible for the aircraft maintenance functions, also considered a maintenance activity. In the shore establishment, stations responsible for I-level maintenance will have maintenance departments. See [MAINTENANCE DIVISION/BRANCH](#).

MAINTENANCE DEPTHS - The complexity or extensiveness of aircraft maintenance functions, for example, the extent of disassembly, the complexity of a test.

MAINTENANCE DETACHMENT - The part of an aircraft maintenance activity geographically separated from but administered by the parent activity.

MAINTENANCE DIVISION/BRANCH - The part of an activity responsible for the activity's aircraft maintenance functions; or the part of an aircraft maintenance department responsible for a specific part of the department's functions, for example, repair of power plants. In the shore establishment, stations responsible for only I-level and O-level maintenance will have maintenance divisions of operations or air departments. See [MAINTENANCE DEPARTMENT](#).

MAINTENANCE ENGINEERING - The discipline of maintenance, which develops concepts, criteria, and technical requirements during the conceptual and acquisition phases to be applied and maintained in a current status during the operational phase to ensure timely, adequate, and economic maintenance support of weapon systems and equipment.

MAINTENANCE ENGINEERING ANALYSIS - The composite analytical studies, decisions, and related documentation conducted in connection with the design of an item to determine or influence the maintainability and reliability characteristics of the item and to determine the total support requirements resulting from the design. For new items, the analysis is conducted concurrently with the design process. For existing or off-the-shelf items, the analysis is conducted as required to determine the characteristics and resulting support requirements.

MAINTENANCE FACILITY - Any building, property, or space designed for, available to, or used by aircraft maintenance activities. Use of the term refers to shops, hangars, or parking areas, both afloat and ashore, used primarily for aircraft upkeep or rework purposes. Use of the term does not refer to the

organization's personnel, responsibilities, or material (except installed aircraft SE). Aircraft maintenance facilities are classified by the levels of maintenance they are designed for or used to support. The highest level is established as the facility's classification. This classification does not necessarily indicate the facility involved includes facilities for all the lower levels of maintenance. See [MAINTENANCE FACILITY MODULE](#).

NOTE: The term aircraft maintenance facility includes installed aircraft SE when applied to Navy facilities. When applied to Marine Corps facilities, it does not.

MAINTENANCE FACILITY MODULE - Standard design increments of aircraft maintenance facilities that permit the construction of a facility without additional design other than that of site adaptation and orientation. There will be two standard modules for use within the naval establishment; intermediate and organizational as required by the functional responsibility of the aircraft maintenance activity or activities that will be the tenant(s) of the facility involved.

MAINTENANCE FUNCTIONS - A detailed statement of the aircraft maintenance work of each aircraft maintenance level. Maintenance functions stem from maintenance tasks, are assigned by COMNAVAIRSYSCOM, and are classified as to the aircraft maintenance levels to which they apply.

MAINTENANCE LEVELS - Maintenance tasks divided into levels in order to facilitate applying common terminology and standards. The [NAMP](#) divides maintenance into three levels: Organizational, Intermediate, and Depot. Definitions:

DEPOT LEVEL (D-LEVEL) MAINTENANCE – Material maintenance or repair performed by designated Depot activities on material requiring overhaul, upgrading, or rebuilding of parts, assemblies, subassemblies, and end items, including manufacture, modification, testing, and reclamation of parts. D-level maintenance supports lower levels of maintenance by providing technical assistance and performing maintenance beyond the capability of O-level and I-level maintenance activities. D-level maintenance typically occurs in depot facilities or at original equipment manufacturer sites with extensive diagnostic equipment and manufacturing capabilities beyond that required by lower level maintenance activities.

INTERMEDIATE LEVEL (I-LEVEL) MAINTENANCE - Material maintenance or repair performed by designated I-level Maintenance Activities (IMAs) in direct support of O-level activities. I-level maintenance normally consists of diagnostic testing performed with automated equipment, calibration, repair or replacement of damaged or unserviceable parts, components, or assemblies, limited manufacture of parts, and on aircraft/equipment technical assistance to O-level activities.

O-LEVEL MAINTENANCE - Basic maintenance performed by an activity on its assigned equipment. O-level maintenance normally consists of inspecting, servicing, lubricating, adjusting, and removal and replacement of parts, minor assemblies, and subassemblies. O-level maintenance is typically organized to achieve quick turnaround of aircraft or equipment in order to optimize operational availability.

MAINTENANCE MANAGEMENT - The process of planning, organizing, staffing, directing, and controlling organic industrial resources required for physically performing equipment maintenance.

MAINTENANCE PERFORMANCE DATA - Data relating to the use and application of the work force, industrial equipment, and dollars to sustain weapons and end item equipment in an operational status.

MAINTENANCE PLAN - A document containing technical data, tailored to a specific weapon system maintenance concept, which identifies maintenance and support resource requirements to maintain aeronautical systems, equipment, and **SE** in an operationally ready state. The maintenance plan provides the interface between maintenance engineering and supply for provisioning purposes and communicates inputs to enable other logistic element managers to develop their hardware support requirements. The maintenance plan is designed as a tool for the shore community for integrated logistic support planning and is prepared per NAVAIRINST 4790.22.

MAINTENANCE PLANNING - The design, method, or scheme for accomplishing an aircraft mission or reaching an aircraft maintenance objective or objectives.

MAINTENANCE PROCEDURES - Established methods for periodic checking and servicing of items to prevent failure or to effect a repair.

MAINTENANCE PRODUCTION - The activity of equipment maintenance involving the physical performance of those actions and tasks attendant to the equipment maintenance function for servicing, repairing, testing, overhaul, modification, calibration, modernization, conversion, inspection, etc. The accomplishment of these tasks is normally carried out at O-level, I-level, and D-level maintenance activities.

MAINTENANCE PRODUCTION MANAGEMENT - The process of planning, organizing, staffing, directing, and controlling organic industrial resources engaged in the physical performance of equipment maintenance. See **MAINTENANCE PRODUCTION** (above).

MAINTENANCE QA - The actions by which it is determined material maintained, overhauled, reworked, modified, and reclaimed conforms to the prescribed technical requirements. See **AUDIT** and **QA**.

MAINTENANCE RESOURCES - Personnel, materials, tools, equipment, facilities, technical data, and dollars provided to carry out the equipment maintenance mission.

MAINTENANCE SCHEDULE - A plan of procedures for carrying out specific jobs or projects in a maintenance activity's maintenance program; fixing the time when operations are to begin or be completed.

MAINTENANCE STATUS - The classification or condition of equipment undergoing preventive/restorative action.

MAINTENANCE STATUS DISPLAY AND RECORDING SYSTEM - Monitors engine and airframe operational status for unit failures, cautions, and advisory conditions and sends this information to the mission computer system for processing on selected aircraft.

MAINTENANCE TASK - Incremental maintenance elements performed by maintenance personnel in completing a maintenance action.

MAINTENANCE TECHNOLOGY - The specific application of engineering and science to develop techniques, procedures, and directives for the maintenance and support of aviation systems:

ADHESIVE BONDING - Adhesive material application and the associated preparation and post-bonding procedures. This includes testing and evaluating to understand properties pertaining to structural adhesives,

nonstructural adhesives, adhesive bond strength and durability, adhesive substitutions, and ambient temperature storable adhesives.

AIRBORNE WEAPONS AND TARGETS MAINTENANCE - The activities and related technology required to repair and renovate airborne weapons and targets and their associated [SE](#).

AIRBORNE WEAPONS MATERIALS - Research, support, development, testing, and evaluation of materials and associated processes used in airborne weapons. Included are tests for environmentally compliant materials and processes, for example, ozone depleting substance replacements; energetic materials, for example, warheads, rocket motors, and fuses; composites, polymers, and plastics; metals and metal alloys; welding, brazing, and soldering; coatings, paints, and corrosion preventive compounds; adhesives and bonding agents; ceramics, optical windows, and missile domes; and electronic materials.

AIRCRAFT WIRING - The maintenance, design, engineering evaluation, logistics, testing, evaluation, and manufacture of aircraft wiring systems and components.

AVIATION GAS FREE ENGINEERING - Encompasses comprehensive engineering support to ensure the safety of all personnel involved with the handling and repair of aircraft and SE fuel cells and tanks.

BEARINGS - Refurbishment (repair) of bearings. A large percentage of bearing refurbishment involves the mixing of piece-parts from different bearings of the same part number. The piece-parts may be new or may have been remanufactured using existing manufacturing processes modified for application in bearing remanufacturing. Typical remanufacturing processes include grinding mounting surfaces, microhoning raceways, and plating retainers.

CANOPIES/TRANSPARENCIES - The refurbishing of transparent, plastic, and glass aircraft enclosures.

COMPOSITE REPAIR - The assessment of damaged composite parts and implementation of quality repairs through design, materials, testing, techniques, and processes necessary to successfully restore the part to its original design capabilities. This includes inspection and characterization of damaged material, design, and analysis of appropriate repair joint, determination of adequate materials and processing, and fabrication of the repair.

CORROSION PREVENTION AND CONTROL - The protection of operational aircraft and SE systems from material corrosion through corrective and preventive maintenance actions. The protection of systems is provided by, but not limited to, cleaning, inspections, corrosion removal and surface treatment, sealants, surface coatings, materials and processes selection, and emergency reclamation.

ELASTOMERIC MATERIALS - Items made of rubber and rubber-like materials including, but not limited to, fuel cells, o-rings, hoses, gaskets, seals, potting and sealing compounds, and protective elastomeric coatings.

ELECTROCHEMICAL POWER SYSTEMS (BATTERIES) - The activities and related technology required to manufacture, rework, maintain, and improve batteries for fleet support.

ENGINE BLADE/VANE REPAIR - Identifying, development, and implementation of repairs on [DOD](#) gas turbine engine components.

ENGINE COMPOSITES - The general Logistics Research and Development for the maintenance of composites on engines.

ENVIRONMENTAL - Maintenance processes and procurement actions to reduce/eliminate environmental pollutants.

FAILURE ANALYSIS - Engineering analysis of metallic materials to determine casual factors predisposing assemblies to malfunction. Factors such as deficiencies in design and material selection, manufacture and repair procedures, errors in assembly, and corrosion identification and control are considered.

FLUID CONTAMINATION - The characterization of dielectric coolants, hydraulic fluids, and engine lubricants for physical or chemical contamination as it reflects the operational condition of aircraft systems, components, and SE.

FUELS/LUBRICANTS - Life cycle support of fuels, lubricants, and associated handling and quality control equipment used for Naval aviation, including turbine engine fuels; turbine engine lubricants; piston engine lubricants; helicopter gearbox oils; fuel additives (fuel system icing inhibitor, corrosion inhibitor, antioxidant, metal deactivator); fuel filtration equipment (coalescers, separators, monitors, housings); fuel quality assurance equipment; aircraft fuel filters; refueling trucks/equipment; lubricant usage instruction; and fuel/refueling [NATOPS](#) manuals.

HEAT DAMAGE EVALUATION - The controlled addition of heat to/removal of heat from raw materials and aircraft components.

HEAT TREATING - The controlled addition of heat to/removal of heat from raw materials and aircraft components.

INORGANIC COATINGS - The various methods of coating applications and the physical and mechanical properties of various coatings. Inorganic coatings are defined as those metallic and intermetallic coatings applied to metallic substrates for dimensional restoration, corrosion protection, wear, etc. Examples include chromium plating, cadmium plating, physical vapor deposition, and ion vapor deposited aluminum. This technology is used to address the environmental issues pertaining to inorganic coatings, and the effectiveness of metallic and intermetallic coatings applied to metal and non-metal substrates for corrosion, erosion and wear protection.

MATERIALS TESTING - Mechanical testing and chemical analysis of material. Mechanical testing is the method by which the mechanical properties of a material are determined. Mechanical properties are properties of a material that reveal its elastic and inelastic behavior when force is applied. This indicates its suitability for mechanical applications, for example, modulus of elasticity, tensile strength, elongation, hardness, and fatigue limits. Chemical analysis is the characterization of a substance by definite molecular composition.

NONDESTRUCTIVE TESTING AND INSPECTION (NDT/I) - The technologies (methods) for determining characteristics about the physical condition of a part of material, without permanently changing it. **NDI** is the application of nondestructive testing to the inspection of parts, structure, and material to determine condition/ serviceability. Typical defects and conditions to be detected are those not detectable visually, like fatigue and stress corrosion cracks, inclusions, porosity, delaminations, disbonds, enclosed **FOD**, etc. The most frequently used nondestructive testing methods are Fluorescent Penetrant, Magnetic Particle, Eddy Current, Ultrasonic and Radiographic. Methods used less frequently in the aircraft industry include thermal imaging, gamma and neutron radiography, and acoustic emission.

PAINT/ORGANIC COATINGS - The application of materials on surfaces for the purposes of corrosion prevention, resistance to high-temperature scaling, wear resistance, lubrication, or other purposes. Application includes aircraft final paint, component paint, engine finish, avionics paint, oxygen and compressed gas system paint, and corrosion control.

PRESERVATION - The protection of aviation assets (aircraft, SE and mobile facilities) from material degradation during periods of inactivity, storage, or shipment.

THERMAL SPRAY - The process by which finely divided material in a molten (or semi-molten) condition is sprayed onto a substrate to form a coating. Feedstocks are in the form of powder, wire, or rod.

TIRES - The maintenance, performance, improvements, logistic support, and qualification of new sources for naval aviation.

TRIBOLOGY - The design, friction, lubrication, and wear of contacting surfaces that move relative to each other. Examples include bearings, cams, and gears.

VIBRATION ANALYSIS - The technologies to detect, quantify, and eliminate defects in airframes, installed engines, and dynamic components for fixed and rotary wing aircraft. Application may be in troubleshooting, scheduled maintenance, or following specified condition-based maintenance.

VIBRATION TESTING - the technologies to detect, quantify, and eliminate defects in engines and dynamic components during engine/dynamic component rework for fixed and rotary wing aircraft.

WELDING/BRAZING - A process used to join metals by the application of heat. Fusion welding includes, but is not limited to, oxyfuel welding, shielded metal arc welding, gas tungsten arc welding, gas metal arc welding, plasma arc welding, and electron beam welding.

MAINTENANCE TYPES - Rework and upkeep are the two basic types of aircraft maintenance performed within the naval establishment without distinction as to levels of maintenance. Rework may be performed on any program aircraft (operating or nonoperating), aircraft equipment, or aircraft **SE**. It is performed only by industrial type activities assigned the mission, task, or functional responsibility of providing maintenance program support. Rework is performed with both military and civilian personnel and is managed by the COMNAVAIRSYSCOM. Upkeep is performed only on operating aircraft, aircraft equipment, or aircraft **SE**. It is performed by military type activities assigned aircraft or equipment or assigned the mission, task, or functional responsibility of providing direct support to such activities. Upkeep is normally performed with military personnel and is managed by major operating commands. See **REWORK** and **UPKEEP**.

MAIR - MASTER AIRCRAFT INVENTORY RECORD

MAJOR DEFECT - See [DEFECT](#).

MAJOR ENGINE INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE, SUPPORT EQUIPMENT](#).

MAL DESCRIPTION CODE - MALFUNCTION DESCRIPTION CODE - A three-character numeric or alphanumeric code used to describe the malfunction occurring on or in an item identified by a [WUC](#).

MALS - MARINE AVIATION LOGISTICS SQUADRON - The unit or activity within a [MAG](#) assigned the mission of providing I-level support to the squadrons of the MAG.

MALSP - MARINE AVIATION LOGISTICS SUPPORT PROGRAM - Provides the framework within which a variety of concepts, programs and allowances are developed to support each [T/M/S](#) aircraft that could be used to form the aviation combat element of a [MAGTF](#). The focus of the MALSP is to identify and integrate the personnel, [SE](#), mobile facilities or shelters, and repair or spare parts required to sustain a [MAGTF](#) aviation combat element.

MAM - MAINTENANCE ASSIST MODULE

MANAGEMENT - A general term to denote central executive direction and control of work by an individual or organization specifically assigned and funded to accomplish the function.

MANAGEMENT AUDIT - A periodic assessment of a command's managerial planning, organizing, actuating, and controlling compared to what might be the norm of successful operation. Management auditors do not appraise individual performance.

MAN-HOURS - The total number of accumulated direct maintenance hours (in hours and tenths) expended in performing a maintenance action. Direct maintenance man-hours are man-hours expended by personnel assigned to complete the work described on the source document. See [DIRECT MAINTENANCE](#).

MAN-MOUNTED EQUIPMENT - Equipment used to provide overall protection and comfort to the aircrew under various flight, emergency, and environmental conditions.

MANUFACTURER - Individual, company, firm, corporation, or government activity engaged in the fabrication of finished or semifinished products.

MANUFACTURER CODE - See [CAGE](#).

MANUFACTURER PART NUMBER - See [REFERENCE NUMBER](#).

MAP/FMS - MILITARY ASSISTANCE PROGRAM/FOREIGN MILITARY SALES

MAT - MAINTENANCE ASSESSMENT TEAM

MATCALs - MARINE AIR TRAFFIC CONTROL AND LANDING SYSTEMS - MATCALs is an all-weather, expeditionary terminal air traffic control system operated by the [MATCD](#) as part of the [MACSs](#) that provides tactical air traffic control services at forward operating bases, expeditionary, and existing airfields.

MATCAL provides all-weather air traffic control services using radar, and precision approaches, tower services, and navigational aids.

MATCD - MARINE AIR TRAFFIC CONTROL DETACHMENT

MATCHED SET - A group of two or more separate components that function together in a single system and are normally removed, repaired, checked, adjusted, calibrated, and installed together. Replacement of a single component of a matched system normally requires check/adjustment/calibration of the matched set.

MATERIAL - All items necessary for the equipment, maintenance, and support of military activities without distinction as to their application for administrative or combat purposes, excluding ships or naval aircraft.

MATERIAL CONDITION - Reporting status with respect to SCIR. See [MC](#), [FMC](#), [PMC](#), and [NMC](#).

MATERIAL CONTROL - See [INVENTORY CONTROL](#).

MATERIAL CONTROL REGISTER - A register established to record all requisitions for material passed to the Supply Support Center.

MATERIAL MANAGEMENT - See [INVENTORY CONTROL](#).

MATERIAL REQUIREMENTS - Those quantities of items of equipment and supplies necessary to equip, provide a material pipeline, and sustain a service, formation, organization, or unit in the fulfillment of its purpose or task during a specified period.

MATMEP - MAINTENANCE TRAINING MANAGEMENT AND EVALUATION PROGRAM

MAW - MARINE AIRCRAFT WING

MC - METER CODE

MC - MISSION CAPABLE - Material condition of an aircraft that can perform at least one and potentially all of its missions. MC Hours = EIS Hours - NMC Hours.

MCAPP - MODIFICATION, CORROSION, AND PAINT PROGRAM

MCAS - MARINE CORPS AIR STATION

MCC - MATERIAL CONTROL CODE - A single alphabetic character assigned by the inventory manager to segregate items into more manageable groupings (fast, medium, or slow movers) or to relate to field activities special reporting/control requirements.

MCI - MATERIAL CONDITION INSPECTION - MCI replaces [ASPA/SDLM](#) for a specific [T/M/S](#) aircraft, which have been designated by OPNAV N980L as nearing the end of their service life. These aircraft are no longer funded for standard rework. The purpose of MCI is not a [PED](#) adjustment, but to ensure airworthiness for an additional operational flying period specified by OPNAV.

MCN - MAINTENANCE ACTION FORM CONTROL NUMBER

MCO - MARINE CORPS ORDER

MCRC - MASTER COMPONENT REWORK CONTROL

MCRS - MATERIAL CONDITION REPORTING STATUS - MCRS refers to the status of an aircraft for Subsystem Capability Impact Reporting (SCIR). When an aircraft is In Reporting MCRS (IN-MCRS), [SCIR](#) data is accounted for in the aircraft's Mission Capable (MC) time. When aircraft is Out of Reporting MCRS (OUT-MCRS), SCIR data is not accounted for in MC time.

MCS - MINE COUNTERMEASURES SHIP

MDA - MILESTONE DECISION AUTHORITY

MDBA/A - MAINTENANCE DATA BASE ADMINISTRATOR/ANALYST

MDI - MICROSOFT DOCUMENT IMAGING (FORMAT)

MDPS - MAINTENANCE DATA PROCESSING SYSTEM

MDR - MAINTENANCE DATA REPORT

MDS - MAINTENANCE DATA SYSTEM

MDU - MATERIAL DELIVERY UNIT

MEAN TIME BETWEEN FAILURES - The total functioning life of a population of an item divided by the total number of failures within the population during the measurement interval. The definition holds for time, cycles, miles, events or other measure of life units.

MEASURE - METROLOGY AUTOMATED SYSTEM FOR UNIFORM RECALL AND REPORTING - A metrology system for the recall and reporting of test equipment by means of [MIS](#) techniques, maintains records of calibration and automatically recalls items when due for calibration. See [CUSTOMER ACTIVITY](#), [FCA](#), [FORMATS](#), [METER CARD](#), and [SUBCUSTODIAN](#).

MEDP - MATERIAL ENGINEERING DISPOSITION PROGRAM

MER - MULTIPLE EJECTOR RACK

MESM - MISSION-ESSENTIAL SUBSYSTEMS MATRIX/MATRICES - A MESM states specific [T/M/S](#) MC and FMC readiness goals and subsystems required for specific missions and the impact of subsystem degradation or inoperability through [EOCs](#). MESMs are posted on the [CNAP Web Portal](#).

METBUL - METROLOGY BULLETIN

METCAL - METROLOGY AND CALIBRATION

METER - METROLOGY EQUIPMENT RECALL

METER CARD - METROLOGY EQUIPMENT RECALL CARD - Source document used to update the MEASURE. All actions to [TMDE/TAMS](#) are reported to [MEASURE](#) via METER Cards (OPNAV 4790/58).

METER READING - Meter readings apply to only those items that have a clock/meter installed. Readings will be in time, cycles, or starts to the nearest whole number.

METRL - METROLOGY REQUIREMENTS LIST

METROLOGY - The science of measurement or determination of conformance to technical requirements including the development of standards and systems for absolute and relative measurements. See [CALIBRATION](#) and [MEASURE](#).

MEU - MARINE EXPEDITIONARY UNIT

MF - MOBILE FACILITY - A relocatable tactical shelter and its related equipment. The principle application in naval aviation of an MF is to provide relocatable housing for aviation weapon systems and [SE](#) maintenance and related functions. They may be used on board ship as well as ashore.

MFGR - MANUFACTURER

MFOQA - MILITARY FLIGHT OPERATIONS QUALITY ASSURANCE

MFRD - MANUFACTURED

MFTOOL - MOBILE FACILITY TOOL

MHE - MATERIAL HANDLING EQUIPMENT - Commercially available industrial equipment, such as forklifts, warehouse tractors, pallet trucks, and platform trucks. Some of these items are approved for use in ammunition and explosive ordnance handling operations, and are a category of logistic [SE](#).

MHRS - MAN-HOURS

MHRSO - MAN-HOURS ORGANIZATIONAL

MID TIER - Replication server that moves data from the publisher to subscriber (Top Tier).

MILCON - MILITARY CONSTRUCTION

MIL-HDBK - MILITARY STANDARDIZATION HANDBOOK

MILSPEC - MILITARY SPECIFICATION

MIL-STD - MILITARY STANDARD

MILSTRAP - MILITARY STANDARD TRANSACTION REPORTING AND ACCOUNTING PROCEDURE - A procedure to enlarge MILSTRIP by extending the uniform communicating procedures, codes, forms, and formats for the transmission of items and the financial inventory data.

MILSTRIP - MILITARY STANDARD REQUISITIONING AND ISSUE PROCEDURE - A uniform procedure established by the DOD for its own use to govern requisition and issue of material within standard priorities.

MIM - MAINTENANCE INSTRUCTIONS MANUAL - Contains instructions for O-level, I-level, and D-level maintenance and servicing of a specific weapon system and related airborne equipment including SE.

MINOR DEFECT - See DEFECT.

MIQ - MEASURE INTERACTIVE QUERY

MIS - MANAGEMENT INFORMATION SYSTEM(S) - The hardware and software systems used to document the information and data used to manage a process.

MISHAP, AIRCRAFT - A naval aircraft mishap is an unplanned event or series of events, directly involving naval aircraft which result in ten thousand dollars or greater cumulative damage to naval aircraft, other aircraft (DOD or non-DOD) and property (DOD or non-DOD). Property damage includes costs to repair or replace facilities, equipment or material; or an injury as defined in OPNAVINST 3750.6.

MISSILE AIRFRAME - The assembled, principal structural components less propulsion system, control system, electronic equipment, and payload.

MISSILE TARGETS - All recoverable and nonrecoverable, remotely controlled or programmed, unmanned aerial target vehicles; also remotely controlled or programmed powered land target and target boats, but excludes drones.

MISSION - (1) The objective; the task together with the purpose, which clearly indicates the action to be taken and the reason for it; (2) in common usage, especially when applied to lower military units, a duty/task assigned to an individual; (3) the dispatching of one or more aircraft to accomplish one particular task, and (4) missions used in matrix construction and mission impact reporting are defined for each aircraft T/M/S.

MISSION ESSENTIAL - Anything authorized and assigned to the approved combat and combat support forces, which would be immediately employed to wage war and provide support for combat actions.

MISSION ESSENTIAL SUBSYSTEM MATRIX - Subsystems of an aircraft required to perform the designated missions as determined by use of the applicable MESM.

MMCO - MAINTENANCE MATERIAL CONTROL OFFICER

MMCPO - MAINTENANCE MASTER CHIEF PETTY OFFICER

MME - MISSION MOUNTED EQUIPMENT

MMP - MONTHLY MAINTENANCE PLAN

MMT - MAINTENANCE MONITORING TEAM

MO - MAINTENANCE OFFICER

MOA - MEMORANDUM OF AGREEMENT

MOCC - MEASURE OPERATIONAL CONTROL CENTER - The Atlantic and Pacific terminals of the MEASURE automated information system network. These centers maintain data files for respective area

customers and MEASURE participants. Products, as may be required, are produced and distributed via telecommunications, hard copy, or tape to elements of the distributed network and various agencies on a regular or as required basis.

MOD - MODIFICATION

MODEL DESIGNATION - Each Navy aircraft is designated by a combination of significant letters and numbers.

MODEX - Side number of aircraft.

MODULAR ENGINES - Engines consisting of several independent assemblies called modules, which by design can be removed/replaced without major disassembly of the engine or other modules, for example, compressor, combustion, turbine, afterburner, gearbox, torquemeter, or combination thereof.

MONITOR - As applied to [QA](#), an ongoing review of application of details, plans, policies, practices, procedures, products, directives, and records.

MOS - MILITARY OCCUPATIONAL SPECIALTY

MOV - MATERIAL OBLIGATION VALIDATION

MPA - MAINTENANCE PROGRAM ASSESSMENT

MPT-PRO - MATERIAL PRODUCTIVITY TOOL - PROCUREMENT

MPT-STP - MATERIAL PRODUCTIVITY TOOL - SUPPLY TRANSFORMATION PROGRAM

MP&T - MANPOWER, PERSONNEL, AND TRAINING

MR - MATERIAL REPORTING - The procedure whereby all supply action documents in support of maintenance are key entered.

MRB - MATERIAL REVIEW BOARD

MRC - MAINTENANCE REQUIREMENTS CARD - Card sets issued by [COMNAVAIRSYSCOM](#) containing scheduled maintenance requirements applicable to I-level and O-level activities for the specific aircraft/SE for which they are issued. See [PMIC](#).

MRIL - MASTER REPAIRABLE ITEM LIST - A listing, in [NIIN](#) sequence, of all repairable assemblies, indicating the [DRP](#) (Navy or commercial) and provides shipping instructions for these assemblies when they become defective. This list is published as NAVSUP Publication 4107.

MRO - MAINTENANCE REPAIR OVERHAUL

MSD - MEASUREMENT SCIENCE DIRECTORATE

MSHARP - MARINE SIERRA HOTEL AVIATION READINESS PROGRAM - Marine Aviation's web-based application for scheduling, training management, operational risk management, and reporting of training readiness.

MSL - MASTER SALVAGE LIST

MSR - MODULE SERVICE RECORD

MT - Symbol for MAGNETIC PARTICLE

MTF - MESSAGE TEXT FORMAT

MTL - MASTER TASK LIST

MTO - MAKE-TO-ORDER

MTPSI - MASTER TEST PROGRAM SET INDEX

MTR - MANDATORY TURN-IN REPAIRABLE OR MODULE TEST AND REPAIR

MU - MEMORY UNIT

MULTIJON - MULTIPLE JOB ORDER NUMBER

MULTI-ORG CODES - MULTIPLE ORGANIZATION CODES - The ability to have more than one ORG code assigned to a NTCSS NALCOMIS Foundation Server. The purpose of MULTI-ORG coding is to manage multiple assets assigned to different organizations on one NTCSS [NALCOMIS](#) Foundation Server.

MULTI-ORG DET REPORTING - MULTIPLE ORGANIZATION CODE DETACHMENT REPORTING - This reporting provides the capability to allow a squadron to use one Foundation Server for homeguard and detachments that are currently at homeguard facilities. All data will be processed through the homeguard Foundation Server.

MWSG - MARINE WING SUPPORT GROUP

MWSS - MARINE WING SUPPORT SQUADRON

N

NA - NOT APPLICABLE

NAE - NAVAL AVIATION ENTERPRISE

NAF - NAVAL AIR FACILITY

NALC - NAVY AMMUNITION LOGISTIC CODE

NALCOMIS - NAVAL AVIATION LOGISTICS COMMAND MANAGEMENT INFORMATION SYSTEM

NALCOMIS OMA - NAVAL AVIATION LOGISTICS COMMAND MANAGEMENT INFORMATION SYSTEM ORGANIZATIONAL LEVEL MAINTENANCE ACTIVITY - A modern, real time, on-line responsive computer based automated MIS, allows Navy and Marine Corps aviation maintenance unit personnel to record flight and maintenance actions. [O-level](#) maintenance managers can use this data to

quickly obtain timely and accurate aircraft and equipment maintenance status, scheduled maintenance requirements and additional information required in their day-to-day management and decision making process.

NALDA - NAVAL AVIATION LOGISTICS DATA ANALYSIS - An automated database and information retrieval system for aviation logistics management and technical decision support. Analysis capability is provided through interactive query and batch processing from remote terminals. NALDA assists users in making improved decisions affecting fleet aircraft readiness. Users can define, identify, and isolate logistics problem areas from a centralized data bank of integrated aviation logistics information.

NAMDRP - NAVAL AVIATION MAINTENANCE DISCREPANCY REPORTING PROGRAM

NAMP - NAVAL AVIATION MAINTENANCE PROGRAM

NAMPSOP - NAVAL AVIATION MAINTENANCE PROGRAM STANDARD OPERATING PROCEDURES - Standard operating procedures for maintenance programs and processes that provides standard procedures in sufficient detail to not require additional instructions written below [COMNAVAIRSYSCOM](#) level (with the exception of Local Command Procedures per [appendix D](#)).

NAR - NOTICE OF AMMUNITION RECLASSIFICATION

NAS - NAVAL AIR STATION

NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASC - NAVAL AIR SYSTEMS COMMAND

NAT - NIIN ANALYSIS TOOL

NATEC - NAVAL AIR TECHNICAL DATA AND ENGINEERING SERVICE CENTER

NATOPS - NAVAL AIR TRAINING AND OPERATING PROCEDURES STANDARDIZATION - A manual of general flight and operating instructions applicable within the naval aviation establishment issued for individual aircraft which are intended to complement OPNAVINST 3710.7.

NATT COA - NAVAL AVIATION TECHNICAL TRAINING COUNCIL OF ADVISORS

NATTC - NAVAL AVIATION TECHNICAL TRAINING CENTER

NAVAIR FS - NAVAL AIR SYSTEMS COMMAND FLEET SUPPORT

NAVAIRSYSCOMHQ - NAVAL AIR SYSTEMS COMMAND HEADQUARTERS

NAVAIRWARCEN - NAVAL AIR WARFARE CENTER

NAVAIRWARCENACDIV - NAWCAD - NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION

NAVAIRWARCENWPNDIV - NAWCWD - NAVAL AIR WARFARE CENTER WEAPONS DIVISION

NAVAL ESTABLISHMENT - Comprised of the Navy Department, Shore Establishment, and the Operating Forces of the Navy and the Operating Forces of the Marine Corps. Synonymous with DON.

NAVCOMTELSTA - NAVAL COMPUTER AND TELECOMMUNICATIONS STATION

NAVEDTRA - NAVAL EDUCATION AND TRAINING

NAVFLIRS - NAVAL FLIGHT RECORD SUBSYSTEM

NAVMAC - NAVY MANPOWER ANALYSIS CENTER

NAVOSH - NAVY OCCUPATIONAL SAFETY AND HEALTH

NAVPRO - NAVY PLANT REPRESENTATIVE OFFICE

NAVRIIP - NAVAL AVIATION READINESS INTEGRATED IMPROVEMENT PROGRAM

NAVRIT - NAVAL AVIATION READINESS IMPROVEMENT TEAM

NAVSAFECEN - NAVAL SAFETY CENTER

NAVSEALOGCEN - NAVAL SEA LOGISTICS CENTER

NAVSUP - NAVAL SUPPLY SYSTEMS COMMAND

NAVSUP WSS - NAVAL SUPPLY WEAPON SYSTEMS SUPPORT (formerly NAVICP)

NAVY DEPARTMENT - Refers to the central executive offices of the DON located at the seat of government. The Navy Department is organizationally comprised of the Office of the Secretary of the Navy, which includes Civilian Executive Assistants, Office of Staff Assistants, and the headquarters organizations of the Office of Naval Research, the Office of the Judge Advocate General, and the ASN(FM/C) of the Navy; the Office of the CNO, the Headquarters, Marine Corps; and, under the command of the CNO, the headquarters organizations of the Chief of Naval Personnel and the Chief, Bureau of Medicine and Surgery. In addition, the Headquarters, Coast Guard, is included when the United States Coast Guard is operating as a service in the Navy.

NAVY DIRECTIVES SYSTEM - Consists of instructions and notices employing the standard subject identification code numbering system for identification and filing purposes. The system is used throughout the Navy for issuing directives on policy, organization, administrative methods, or procedures.

NBC - NUCLEAR, BIOLOGICAL, AND CHEMICAL

NBNC - NOTED BUT NOT CORRECTED

NC - NOT CARRIED

NCEA - NONCOMBAT EXPENDITURE ALLOWANCE

NCER - NONCOMBAT EXPENDITURE REQUIREMENTS

NCO - NON-COMMISSIONED OFFICER

NCOIC - NON-COMMISSIONED OFFICER IN CHARGE

NCR - NO CALIBRATION REQUIRED

NDDS - NAVAL DATA DISTRIBUTION SYSTEM

NDI - NON-DESTRUCTIVE INSPECTION - The inspection of a structure or component in any manner that will not impair its future usefulness. The purpose of the inspection may be to detect flaws, measure geometric characteristics, determine material structure or composition, or it may characterize physical, electrical, or thermal properties without causing any changes in the part. See [PENETRANT](#), [EDDY CURRENT](#), [MAGNETIC PARTICLE](#), [ULTRASONIC](#), and [RADIOGRAPHIC](#) for NDI methods in existence.

NDMS - NAVAIR DEPOT MAINTENANCE SYSTEM

NDT/I - NON-DESTRUCTIVE TESTING AND INSPECTION - The technologies (methods) for determining characteristics about the physical condition of a part of material, without permanently changing it. [NDI](#) is the application of nondestructive testing to the inspection of parts, structure, and material to determine condition/ serviceability. Typical defects and conditions to be detected are those not detectable visually, like fatigue and stress corrosion cracks, inclusions, porosity, delaminations, disbonds, enclosed [FOD](#), etc. The most frequently used nondestructive testing methods are Fluorescent Penetrant, Magnetic Particle, Eddy Current, Ultrasonic and Radiographic. Methods used less frequently in the aircraft industry include thermal imaging, gamma and neutron radiography, and acoustic emission.

NEC - NAVY ENLISTED CLASSIFICATION

NEEDS MORE ATTENTION - Any [NAMP](#) established program or process not in full compliance with governing directives that requires additional attention to prevent further degradation, poses potential impact to the safety of personnel and safety of flight, or has significant discrepancies that may render the program or process inefficient as determined by the team officer.

NETC - NAVAL EDUCATIONAL TRAINING COMMAND

NETS - NAVY ENGINEERING AND TECHNICAL SERVICES

NEW PRODUCTION AIRCRAFT - Aircraft without regard to model or configuration that are in the first year of operational use by the fleet or training commands and not deployed aboard ships or overseas.

NEWLY ASSIGNED AIRCRAFT - Aircraft accepted from the commercial builder, for example, Boeing and Lockheed Martin. These aircraft are normally accepted by [DCMA](#) or [COMNAVAIRSYSCOM](#) (pre-accepted).

NFC - NON FLIGHT CRITICAL - Any identified discrepancy that is not directly related to Safety of Flight. See [SAFE FOR FLIGHT](#).

NFO - NAVAL FLIGHT OFFICER

NHA - NEXT HIGHER ASSEMBLY

NIF - NAVY INDUSTRIAL FUND

NIFMS - NAVAIR INDUSTRIAL FINANCIAL MANAGEMENT SYSTEM

NIIN - NATIONAL ITEM IDENTIFICATION NUMBER - A two-digit National Codification Bureau code combined with seven other digits. See [NSN](#).

NIMMS - NAVAIR INDUSTRIAL MATERIAL MANAGEMENT SYSTEM

NINC - NOT INCORPORATED

NIS - NOT IN STOCK

NIST - NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

NITRAS - NAVY INTEGRATED TRAINING RESOURCES AND ADMINISTRATION SYSTEM - An automated system responsive to training information requirements from higher commands provides automated capability to manage and support the training effort throughout the Navy.

NKO - NAVY KNOWLEDGE ONLINE

NLL - NAVAL LOGISTICS LIBRARY

NLT - NO LATER THAN

NMC - NOT MISSION CAPABLE - Material condition of an aircraft that is not capable of performing any of its missions. NMC is subdivided into NMCM and NMCS. $NMC \text{ Hours} = EIS \text{ Hours} - MC \text{ Hours}$.

NMCD - NOT MISSION CAPABLE DEPOT - The material condition of an aircraft that is not capable of performing any of its missions because of standard or special rework, including SDLM, [PDM](#), [IMC/P](#), [MCI](#), [MOD](#), [ISR](#), or other depot evolution. NMCD time is not accounted for in SCIR while the aircraft is Out of Reporting for Mission Capable Reporting Status (MCRS). See [SCIR](#).

NMCM - NOT MISSION CAPABLE MAINTENANCE - The material condition of an aircraft that is not capable of performing any of its missions because of maintenance requirements. Start NMCM time when the condition is discovered except when the discovery is made in flight. In flight, malfunction NMCM time starts at the termination of flight. Stop NMCM when maintenance is completed or interrupted by a supply shortage. Report work stoppage resulting from parts nonavailability as [NMCS](#). NMCM time resumes when required supply item(s) are delivered to the maintenance activity. NMCM is further defined as NMCM scheduled (S) and NMCM unscheduled (U). $NMCM \text{ Hours} = NMC \text{ Hours} - NMCS \text{ Hours}$. See [NMC](#), [NMCMS](#), and [NMCMU](#).

NMCMS - NOT MISSION CAPABLE MAINTENANCE SCHEDULED - The sum of equipment maintenance hours documented for scheduled engine inspections, special inspections, phase/calendar inspections and conditional inspections. An aircraft will be considered NMCMS if panels and equipment removed to conduct area inspections cannot be replaced within 2 hours or if the aircraft has been utilized to

the maximum allowable operating limit prior to the scheduled maintenance requirement, for example, +10 percent, +3 days. NMCMS Hours = NMCM Hours - NMCMU Hours. See [NMC](#).

NMCMU - NOT MISSION CAPABLE MAINTENANCE UNSCHEDULED - Sum of maintenance not defined as scheduled maintenance, occurring during the interval between scheduled downtime maintenance periods. NMCMU Hours = NMCM Hours - NMCMS Hours.

NMCS - NOT MISSION CAPABLE SUPPLY - The material condition of an aircraft that is not capable of performing any of its missions because maintenance required to correct the discrepancy cannot continue due to a supply shortage. Start NMCS time when a supply demand has been made for an item(s) required to continue maintenance. Stop NMCS time at the time the material is delivered to the designated delivery point or change of EOC code. NMCS Hours = NMC Hours - NMCM Hours. See [NMC](#).

NO - NATIONAL ORIGIN

NOAP - NAVY OIL ANALYSIS PROGRAM

NOMP - NAVAL ORDNANCE MANAGEMENT POLICY

NONAVIATION SHIP - For NAMP purposes, ships not designated as Aviation Ship, such as CG, FFG, AFS, DD. Nonaviation ships may be air or aviation capable.

NONAVIONICS SE - Nonavionics SE (common and peculiar) includes all equipment that is nonelectronic in nature and may be powered or nonpowered. Examples of powered equipment are: mobile electric power plants, gas turbine powered service equipment; aircraft tow tractors, and hydraulic service units. Examples of nonpowered equipment are aircraft jacks, aircraft tow bars, aircraft slings, maintenance work stands, special fittings and fixtures.

NONOPERATING AIRCRAFT - Any aircraft, for the purpose of flight operations, not currently filling an authorized allowance in an organizational unit. See [OPERATING AIRCRAFT](#).

NOTAL - NOT TO ALL

NOTICES - Directives of a one-time nature or those applicable for a brief period of time. Each notice contains provisions for its own cancellation. Notices employ a subject classification numbering system and are part of the Navy directive system.

NPA - NONPROVISIONED AIRCRAFT

NPDC - NAVAL PERSONNEL DEVELOPMENT COMMAND

NPSL - NAVY PRIMARY STANDARDS LABORATORY

NRFI - NON-READY FOR ISSUE

NSAWC - NAVAL STRIKE AND AIRWARFARE CENTER

NSCM - NATO SUPPLY CODE FOR MANUFACTURERS

NSIV - NAVAIR STANDARD IETM VIEWER

NSN - NATIONAL STOCK NUMBER - A 13-digit number consisting of the four-digit FSC and the nine-digit NIIN. Component segments of NSN 5330-00-123-4567 are identified as (a) FSC: 5330; and (b) NIIN: 00-123-4567.

NSWC - NAVAL SURFACE WARFARE CENTER

NTCSS - NAVAL TACTICAL COMMAND SUPPORT SYSTEM

NTMPS - NAVY TRAINING MANAGEMENT AND PLANNING SYSTEM

NTR - NO TOOLS REQUIRED

NTSP - NAVY TRAINING SYSTEMS PLAN - The official statement of billets, personnel, and training input and resource requirements to support introduction and operational use of aircraft, systems, subsystems, equipment, and other developments. The NTSP assigns responsibilities for planning, programming, and implementing actions necessary to provide the required support.

NWADIV - NAVAL WARFARE ASSESSMENT DIVISION

NWCF - NAVY WORKING CAPITAL FUND - A working capital fund (revolving fund) established with the goal of recovering enough money from sales to replace sold material, used to finance the procurement and repair of secondary item inventories (including repairables), which will eventually be charged to the customer's end use funds. In addition to purchasing expense items to be centrally managed by NAVSUP WSS, the NWCF is also the funding mechanism by which the Navy acquires DLA or GSA managed expense items and places them in Navy retail inventory.

O

O&MN - OPERATIONS AND MAINTENANCE, NAVY

OBJECTIVE QUALITY EVIDENCE - Examples of objective quality evidence are: (1) statistically sound process control charts; (2) records of functional tests, operational checks, interchangeability checks, and other tests or demonstrations; and (3) records of product certification at various states of processing or fabrication, so presented that they can be analyzed and verified.

OBJECTIVE - When the quality evidence is of a kind that can be fully checked (verified), such information is said to be objective. Any statements of fact, which are pertinent to the quality of a product and based on observation, measurements, or tests which can be verified, constitute evidence, which is objective.

QUALITY - The quality of any material is defined as the inherent or acquired characteristics of an item which, when measured against a standard or model, establish the degree of conformance of the item to the standard or model. These characteristics are identified in technical orders, drawings, or other standards, which describe the material. Material is of acceptable quality when it conforms to those established standards. Material is discrepant when it fails to conform to any characteristics as defined in the standards.

EVIDENCE - Evidence is any information by which a statement or an observation may be proven to be true. Evidence must be expressed in terms of specific characteristics pertinent to the acceptability of a product. The methods of obtaining and presenting this evidence must be accurate and based on facts. Unless attention is focused on those particular characteristics to determine acceptability and unless the methods of observation (whether by visual inspection or by measurements) are valid, it is impossible to make an accurate evaluation of the quality of a product. Ordinarily an observation or measurement is considered valid when it can be duplicated. This is a general rule, but there are exceptions; for example, data obtained from a destructive test may be valid; however, the test itself cannot be duplicated.

OBOGS - ON-BOARD OXYGEN GENERATION SYSTEM

OCONUS - OUTSIDE CONTINENTAL UNITED STATES

OEM - ORIGINAL EQUIPMENT MANUFACTURER

OFC - OPERATIONAL FUNCTIONAL CATEGORY

OFF-EQUIPMENT WORK - For the purpose of [MDR](#), it includes all maintenance actions performed on removed, repairable components, usually at the [IMA](#).

OFF-TRACK - Any NAMP Program or process that presents an immediate safety hazard, significantly impacts the ability of the maintenance department to support operational requirements, or has significant discrepancies that render the program or process ineffective as determined by the team officer.

OFFMP - OFF LINE FOR MANUAL PROCESSING

OFF-SITE - Aircraft is located at FRC or commercial rework activity site for rework.

OFFTR - OFF FOR TECHNICAL RESEARCH

OFVAL - OFF FOR VALIDATION

OIMA - OPTIMIZED INTERMEDIATE MAINTENANCE ACTIVITY – The computer based Management Information Systems ([MIS](#)) used by most Navy and Marine Corps [IMAs](#) to document their work.

OINC - OFFICER IN CHARGE

OJT - ON-JOB TRAINING - Training at the squadron or other local activity level in the performance of a task or duty during operational or maintenance situations.

O-LEVEL - ORGANIZATIONAL LEVEL

OMA - ORGANIZATIONAL MAINTENANCE ACTIVITY. An O-level activity conducting maintenance in support of its own operations. See Maintenance Levels.

OMAWHOLE - OPTIMIZED OMA NALCOMIS WHOLESALE FOUNDATION TIER (NTCSS) - A storage data base located at [COMNAVAIRESYS](#)COM, NAS Patuxent River for [CM ALS](#) records of aircraft or tracked assets that have been stricken from the naval inventory; or to which the actual aircraft or tracked assets are in the custody of a non-NTCSS Optimized [OMA NALCOMIS](#) activity.

OMB - OFFICE OF MANAGEMENT AND BUDGET

OMD - OPERATIONS MAINTENANCE DIVISION

OMMS-NG - ORGANIZATIONAL MAINTENANCE MANAGEMENT SYSTEM-NEXT GENERATION

ON-CONDITION TASK - A scheduled inspection to determine that equipment is and will remain in satisfactory condition until the next scheduled inspection.

ON-EQUIPMENT WORK - For the purpose of [MDR](#), it includes those maintenance actions accomplished on complete end items, for example, aircraft, drones, [SE](#), and removed engines.

ON-SITE - Aircraft is located at other than Depot FRC or commercial rework activity site.

ON-TRACK - Any NAMP program that is in compliance with governing directive.

OOMA - OPTIMIZED ORGANIZATIONAL MAINTENANCE ACTIVITY - The computer based Management Information Systems (MIS) used by most Navy and Marine Corps OMA's to document their work.

OOMA ELECTRONIC REPOSITORY - Refers to the office at which the NTCSS Optimized OMA NALCOMIS Wholesale Foundation Tier resides.

OOR - OUT OF REPORTING

OPCON - OPERATIONAL CONTROL

OPERATING AIRCRAFT - An aircraft filling an authorized operating allowance, even if in excess of [PAA](#). An aircraft reported in any of the A-status codes is in an operating status. Operating status aircraft are always in the reporting custody of the operating unit to which assigned. Operating aircraft are normally In Material Condition Reporting Status (IN-MCRS). An aircraft that moves to a rework facility for purposes of rework will leave operating status, but remains in the reporting custody of the operating unit unless Fleet Support (FS) status is granted by [OPNAV](#).

OPERATING COMMAND - A controlling custodian of naval aircraft, except COMNAVAIRSYSCOM FS. Also called air or major operating command.

OPERATING FORCES - Those forces whose primary missions are to participate in combat and the integral supporting elements.

OPERATING LEVEL OF SUPPLY - The quantities of material required to sustain operations in the interval between requisitioning and the arrival of successive shipments. These quantities should be based on the established replenishment period (monthly or quarterly). See [LEVEL OF SUPPLY](#).

OPERATING SERVICE AGE - The number of OSM an aircraft has completed.

OPERATING UNIT - Squadrons and units with an operating allowance. Squadrons and units may be further subdivided into detachments. To be an operating unit, a unit must have a mission that requires flight operations (other than ferry or flight test) by Navy aircraft.

OPERATIONAL CHARACTERISTICS - The characteristics that pertain primarily to the functions to be performed by the equipment, either alone or in conjunction with other equipment; for example, for electronic equipment, operational characteristics include such items as the frequency coverage, channeling, type of modulation, and character of emission.

OPERATIONAL EVALUATION - The test and analysis of a specific end item or system, in so far as practical under service operating conditions, to determine if quantity production is warranted. It is based on increase in military effectiveness to be gained and its effectiveness as compared with currently available items or systems, with consideration given to personnel capabilities to maintain and operate the equipment; size, weight, and location; and enemy capabilities in the field.

OPERATIONAL NECESSITY - A mission associated with war or peacetime operations in which the consequences of an action justify accepting the risk of loss of aircraft and crew.

OPM - OFFICE OF PERSONNEL MANAGEMENT

OPNAV - OFFICE OF THE CHIEF OF NAVAL OPERATIONS

OPSERMOS - OPERATING SERVICE MONTHS

OPTAR - OPERATING TARGET (funding) - Annual funds (obligational authority) issued by [TYCOMs](#) to units of the operating forces under their command from one of their budgets.

OPTIMIZED OMA NALCOMIS WHOLESALE FOUNDATION TIER (NTCSS) (OMAWHOLE) - A storage data base located at COMNAVAIRSYSCOM, NAS Patuxent River for [CM ALS](#) records of aircraft or tracked assets that have been stricken from the naval inventory; or to which the actual aircraft or tracked assets are in the custody of a non-NTCSS Optimized OMA NALCOMIS activity.

ORD - ORDERED

ORDNANCE HANDLING VEHICLE - Those vehicles which have been approved for over-the-road transport and handling of ammunition and explosive ordnance. Examples of such equipment include trucks, trailers, transporters, and bomb service trucks. The vehicles are a category of logistics [SE](#).

ORDO - ORDNANCE OFFICER

ORDSO - ORDNANCE SAFETY OFFICER

ORG - ORGANIZATION

ORG CODE - ORGANIZATION CODE - A structured three-character alphanumeric code that identifies activities within a major command.

ORGANIC - D-level maintenance performed by FRC East, Cherry Point, NC; FRC SE, Jacksonville, FL; and FRC SW, San Diego, CA; excluding D-level maintenance performed by commercial rework activities and contractor maintenance.

ORGANIZATIONAL MAINTENANCE - See [MAINTENANCE LEVELS](#).

ORM - OPERATIONAL RISK MANAGEMENT - A systematic, decision making process used to identify and manage hazards that endanger naval resources.

OSD - OFFICE OF THE SECRETARY OF DEFENSE

OSH - OCCUPATIONAL SAFETY AND HEALTH

OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

OSI - OPERATIONAL SUPPORT INVENTORY - The range and depth of material required to support a planned aircraft program at a given site consists of a fixed allowance for [FLRs](#), [DLRs](#), and an operating level of stock for consumables.

OSL - OPERATING SERVICE LIFE - The period of time used to establish programs related to the projected retirement of a population (T/M/S) of aircraft.

OSM - OPERATING SERVICE MONTH - One monthly increment of operating service life.

OSP - OPERATING SERVICE PERIOD

OTPS - OPERATIONAL TEST PROGRAM SET - The total grouping of test program sets required to test an avionics system on ATE.

OVERHAUL - The process of disassembly sufficient to inspect all the operating components and the basic end article. It includes the repair, replacement, or servicing as necessary, followed by the reassembly and bench check or flight test. Upon completion of the overhaul process, the component or end article will be capable of performing its intended service life or service tour. See [MAINTENANCE TYPES](#).

OXY - OXYGEN

P

PAA - PRIMARY AIRCRAFT AUTHORIZATION - The number of aircraft [OPNAV](#) has planned and resourced for performing the mission defined in the operating unit's Required Operational Capability (ROC) and Projected Operational Environment ([POE](#)) directives for Navy units and the Marine Corps AVPLAN for Marine Corps units.

P&E - PLANNER AND ESTIMATOR

P/N - PART NUMBER

PACKAGING - An all-inclusive term covering cleaning, preserving, packaging, packing, and marking required to protect items during every phase of shipment, handling, and storage.

PAD - PROPELLANT ACTUATED DEVICE

PAGNR - PAGE NUMBER

PARTICIPATING SERVICE - The military service that uses a multipurpose aeronautical system and obtains support for it from the executive service.

PARTS KIT - Supporting items and material for the maintenance, repair, and rework of selected aeronautical repairable end items procured, stocked, requisitioned, accounted for, and used on a kit basis as one line item. Parts kits should not be confused with the kits issued to perform a one-time modification of an item or with interim fleet maintenance support kits.

PARTS KIT CODES - Codes assigned to parts kits and items therein, for the maintenance, repair, and rework of selected, repairable end items. See [PROVISIONING SOURCE CODING](#) and [SM&R](#).

PBL - PERFORMANCE BASED LOGISTICS

PCO - PROCUREMENT CONTRACTING OFFICER - The government contracting officer directing and administering the acquisition through the award of the contract. Administration of the contract after award may be delegated to an [ACO](#).

PDB - POWER DISTRIBUTION BOX

PDM - PHASED DEPOT MAINTENANCE - PDM divides a [T/M/S](#) aircraft's total Standard Rework requirements into phases. PDM phases are based on fixed Operating Service Periods ([OSP](#)), expressed in months tailored to the depot maintenance requirements for each T/M/S aircraft. Several titles are used to denote PDM events: F/A-18 aircraft PDM events are called Planned Maintenance Intervals ([PMI](#)) events; H-60 aircraft PDM events are called Integrated Maintenance Concept ([IMC](#)) events.

PEB - PRE-EXPENDED BIN - A parts bin located within a work space that contains only low cost, high usage items. A PEB is replenished from stock held by the local supply activity.

PED - PERIOD END DATE - The month and year, a given aircraft ended or, if serving in period, is expected to end the current service period. For [IMC/P](#), the fixed date (month and year) that marks completion of the last [POI](#) in a tour and the start of the first [PMI](#) in the next tour (FSP). The IMC/P PED is also the FID 1 of the following tour.

PEDD - PORTABLE ELECTRONIC DISPLAY DEVICE

PEMA - PORTABLE ELECTRONIC MAINTENANCE AID. A device used to store and read electronic technical data.

PEMA SERVICE PACK - A collection of PEMA core application software updates distributed periodically to update the PEMA operating system, Information Assurance Vulnerability Alert patches, Information Assurance Vulnerability Bulletins, and anti-virus definitions.

PENETRANT - Methods used for the detection of surface cracks or discontinuities. The inspection surfaces are sprayed with or immersed in liquid, the excess liquid is removed, and the defect is indicated visually by color or fluorescence. See [NDI](#).

PEO - PROGRAM EXECUTIVE OFFICER

PERSMAR - PERSONNEL MANNING REPORT

PERSONNEL REQUIREMENTS - Those requirements for personnel derived from a maintenance task that must be performed. See [PERSONNEL UTILIZATION](#).

PERSONNEL UTILIZATION - The actual reporting of accomplishments by personnel assigned.

PHASE INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE](#).

PHYSICAL CUSTODY - Actual possession of aircraft, engines, or [SE](#). Physical custody does not necessarily imply reporting custody.

PID - PHASED INDUCTION DATE

PIN - PLATFORM IDENTIFICATION NUMBER

PINC - PREVIOUSLY INCORPORATED

PIPELINE - The logistics channel by which material and other logistic elements flow from sources of procurement or repair to their point of use. The aircraft pipeline refers to aircraft being manufactured for future delivery to the Navy and aircraft already in the inventory that are undergoing repair/overhaul at a commercial or DoD depot facility. The manpower and training pipeline refers to personnel undergoing training in route to their ultimate duty assignment.

PJT - PRACTICAL JOB TRAINING - Structured "hands-on" training conducted by the fleet readiness squadron or supporting AIMD involving an arranged problem, task, or sequence in an educational environment. See [OJT](#).

PLA - PLAIN LANGUAGE ADDRESS

PLTS - PARTS LIFE TRACKING SYSTEM - An automated system used for tracking the composition, location, and operating time/cycle counts or life usage indexes of aircraft engines, propulsion systems, modules, and life limited components. PLTS is used to develop long range schedules for inspections, removals, replacements, procurements, and rework schedules for these components, based on usage requirements and fixed or variable usage rates. It provides important support to the [RCM](#) Program.

PM - PREVENTIVE MAINTENANCE - Inspections and maintenance (excluding repair) required to maintain aircraft, equipment, [SE](#), and facilities in satisfactory operating condition.

PMA - PROGRAM MANAGER-AIR

PMC - PARTIAL MISSION CAPABLE - Material condition of an aircraft that can perform at least one but not all of its missions. PMC is subdivided into PMCM and PMCS. PMC Hours = MC Hours - FMC Hours.

PMCM - PARTIAL MISSION CAPABLE MAINTENANCE - The material condition of an aircraft that can perform at least one but not all of its missions because of maintenance requirements existing on the inoperable subsystem(s). Start PMCM time when the condition is discovered, except when the discovery is made in flight. In flight, malfunction PMCM time starts at the termination of flight. Stop PMCM time when maintenance is completed or interrupted by a supply shortage. Report work stoppage resulting from parts

nonavailability as PMCS. PMCM time resumes when required supply item(s) are delivered to the maintenance activity. PMCM Hours = PMC Hours - PMCS Hours. See [PMC](#).

PMCS - PARTIAL MISSION CAPABLE SUPPLY - Material condition of an aircraft that can perform at least one but not all of its missions because maintenance required to correct the discrepancy cannot continue because of a supply shortage. Start PMCS time when a supply demand has been made for an item required to continue maintenance. Stop PMCS time at the time the material is delivered to the designated delivery point or change of EOC code. PMCS Hours = PMC Hours - PMCM Hours. See [PMC](#).

PME - PRECISION MEASURING EQUIPMENT - Devices used to measure, gauge, test, inspect, diagnose, or examine material, supplies, and equipment to determine compliance with requirements established in technical documents, for example, research, development, test, and evaluation documents, specifications, engineering drawings, technical orders, technical manuals, maintenance instructions, and serviceability standards.

PMI - PLANNED MAINTENANCE INTERVAL - Period of time for execution of an [IMC/P](#) or [PDM](#) scheduled maintenance event. Can include O-level, I-level, and D-level maintenance actions.

PMIC - PERIODIC MAINTENANCE INFORMATION CARD - The [PMS](#) publication that contains the component/assembly removal/replacement schedule, airframe structural life limits, and a maintenance requirements systems index. It also contains a conditional inspection listing and a phase change implementation card (included as required).

PMRC - PERIODIC MAINTENANCE REQUIREMENT CARD

PMS - PLANNED MAINTENANCE SYSTEM

PMU - PROGRAM MANAGEMENT UNIT

PN - PART NUMBER

POA&M - PLAN OF ACTION AND MILESTONES - A document that identifies actions or tasks in the specific order needed to accomplish an objective. This document assigns to each action, the office responsible, and the start and completion date for each action.

POC - POINT OF CONTACT

POD - PROOF OF DELIVERY

PODS – PORTABLE OIL DIAGNOSTIC SYSTEM

POE - POINT OF ENTRY

POI - PLANNED OPERATIONAL INTERVAL - Period of time planned for operational use when the aircraft is under [IMC/P](#) or [PDM](#). POI follows a [PMI](#) and will vary in length based on actual maintenance completion. Predetermined end date is the next [FID](#), or at the end of the tour, the [PED](#).

POL - PETROLEUM, OIL, AND LUBRICANT

POM - PROGRAM OBJECTIVE MEMORANDUM

POOL - A grouping of repairable assemblies provided a rework activity as replacements for similar defective repairable assemblies removed from an aircraft or engine undergoing some phase of rework that are not to be reworked concurrently with the aircraft or engine from which removed. These items are provided to prevent disruption of production schedules because the lead time to obtain the required replacement item from supply and the turnaround time of the aircraft/engine are not compatible.

POS - POSITION

POSIT - POSITION

PPB - POWER PLANT BULLETIN

PPC - POWER PLANT CHANGE

PPE - PERSONAL PROTECTIVE EQUIPMENT

PPM - PARTS PER MILLION

PQDR - PRODUCT QUALITY DEFICIENCY REPORT

PQS - PERSONNEL QUALIFICATION STANDARDS - Documents, which describe the knowledge and skills trainees, must have to correctly perform their duties. The policy and procedures for PQS are outlined in OPNAVINST 3500.34.

PR - AIRCREW SURVIVAL EQUIPMENTMAN

PRE-ACCEPTED AIRCRAFT - Any Navy public aircraft which has not been formally brought into the Aircraft Inventory and Readiness Reporting System ([AIRRS](#)) inventory database.

PREFERRED ITEM - One selected under a DOD program by which the item is designated for procurement, stock, and issue, but which is not a standard item.

PREOPERATIONAL INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE/SUPPORT EQUIPMENT \(SE\)](#)

PM - PREVENTIVE MAINTENANCE - Inspections and maintenance (excluding repair) required to maintain aircraft, equipment, SE, and facilities in satisfactory operating condition.

PREVENTIVE ACTION - Action taken to eliminate the cause of potential failure or non-conformance to standards.

PRI - PRIORITY

PRIMARY MISSION - For the purpose of maintenance data reporting, the primary purpose for which the aircraft is assigned to the unit (reporting custodian).

PRIME ITEM - The head-of-family, or preferred item, currently procurable (the latest version which will be procured upon requisition if all wholesale stock and in-use excess items are depleted).

PRMAR - PRIMARY MISSION AREAS

PRO - PROCESSING TIME

PROCESS - (1) A generic term used to describe the series of actions or uses an aircraft is subjected to as it progresses through its service life. Six categories are included in the term: operating, standard rework, special rework, storage, retirement or strike, and miscellaneous. Subdivisions are included under each category to describe specifically the action of use involved. (2) Any set of conditions, or set of causes, which work together to produce a given result. While it often refers to the combination of people, materials, machines, and methods used to produce a given product, it is also capable of assuming other meanings such as a method of assembly, a group of people such as a pay group or work center, or a method of measurement.

PROCUREMENT - The process of obtaining personnel, services, supplies, and equipment.

PROCUREMENT LEAD TIME - The interval, in months, between the initiation of procurement action and receipt into the supply system of the production model, excluding prototypes, purchased as the result of such actions. It is composed of two elements, production lead time and administrative lead time. See [INITIATION OF PROCUREMENT ACTION](#).

PRODUCTION AIRCRAFT - New aircraft accepted from the contractor by the Navy. They include all Navy aircraft procured for operational or training purposes, that is, all aircraft except those procured solely for experimental purposes. Every Navy aircraft is either experimental or production.

PRODUCTION CONTROL - The functional organization within the [IMA](#) responsible for workload control.

PRODUCTION DIVISION - Any division in the [IMA](#) responsible for a specific production workload, for example, avionics, power plants.

PRODUCTION EQUIVALENT - An approved configuration change to the product baseline incorporated by the manufacturer during production. The configuration change must have been approved for retrofit on in-service equipment via a [TD](#).

PROGRAM - A plan or system under which action may be taken toward a stated goal or objective. A program is generally considered to have some or all of the following elements: (1) a program manager, (2) a formalized governing directive, (3) designated funding, (4) standardized procedures, and (5) specialized training.

PROGRAM AIRCRAFT - All production aircraft, except the Board of Inspection and Survey, in the physical custody of the Navy for which current or future operation within an authorized allowance is intended or can reasonably be expected. This includes all aircraft in the Navy inventory except aircraft of experimental configuration, target drones (man-carrying), aircraft retired but not yet stricken, or aircraft on bailment or loan.

PROGRAM MANAGER - Designated military and civilian personnel responsible for [NAMPSOP](#) and non-NAMPSOP programs.

PROGRAM OPERATING ALLOWANCE - The number of aircraft allowed a unit for flight operations related to the unit mission.

PROGRAM MONITOR - Designated military and civilian personnel responsible for the ongoing review of applications of details, plans, policies, practices, procedures, products, directives, and records of NAMPSOP and non-NAMPSOP programs.

PROGRAM SERVICE LIFE - The sum of operating service period plus nonaging or nonoperating time, approximates but does not set service life limit and is used for planning, programming, and budgeting purposes.

PROJ - PROJECT

PROJECT AIRCRAFT - Aircraft in either the controlling custody of the [COMNAVAIRSYSCOM](#) aircraft custodian or in the reporting custody of units of operational test and evaluation force under an authorized operating allowance for purposes of experiment, research, development, test, and evaluation (other than rework evaluation of flyability tests) of aircraft and aircraft equipment. Project aircraft have usually been altered to the extent it is uneconomical to return them to service configuration.

PROJ-ID-X - PROJECT IDENTIFICATION JOB ORDER NUMBER CROSS REFERENCE

PROPRIETARY - The Department of Defense Federal Acquisition Regulation Supplement ([DFARS](#)) Clause 252.227-7013 sets forth the requirements for Proprietary Rights and Data. Proprietary denotes contractor data that, in the opinion of the contractor, reveals a trade secret or an industrial sensitive technique/procedure. The misuse of this data or improper distribution to unauthorized personnel could be detrimental to the contractor.” Reference is [FRCEASTINST 5605.5E](#).

PROVISIONING - The process of doing the technical planning necessary to establish the item support plan, piece by piece and assembly by assembly; establishing the minimum levels or echelons responsible for repair; identifying the kind and type of [SE](#) requirements, handbooks, manuals, and other maintenance publications; determining the basic factory and field training requirements; and providing for the establishment of inventory management records.

PROVISIONING SOURCE CODING - The process of determining the range of repair parts required to support and maintain an end item by assigning codes that indicate to maintenance and supply personnel the manner of acquiring items for the maintenance, repair, or overhaul of the end item. See [SM&R](#).

PSA - PRODUCTION SUPPORT APPLICATION

PSE - PECULIAR SUPPORT EQUIPMENT - An item of [SE](#) that must be designed and developed in conjunction with the development of a specific weapons system and does not meet the criteria of [CSE](#). PSE is divided as AVIONICS SE (common and peculiar) and NONAVIONICS SE (common and peculiar).

PSECA - PRIMARY SUPPORT EQUIPMENT CONTROLLING AUTHORITY - The term applied to [COMNAVAIRSYSCOM](#) (PMA-260) who functions as the centralized SE inventory management authority. The PSECA is responsible for coordinating redistribution of in-use assets among the [SECAs](#), prioritization of SE procurement, and distribution of new SE.

PSI - POSITION SENSITIVE INDICATOR

PSICP - PROGRAM SUPPORT INVENTORY CONTROL POINT

PSIG - PER-SQUARE-INCH GAUGE

PSP - PERFORMANCE STANDARD PROGRAM

PSSN - PROPULSION SYSTEM SERIAL NUMBER - The same as engine serial number. Modular engines will be assigned a PSSN, which identifies the complete engine as an assembly.

PST - PRODUCT SUPPORT TEAM

PT - PART OR SYMBOL FOR PENETRANT

PTS - PERFORMANCE TEST SHEET

PUC - PERMANENT UNIT CODE - The 6-character number permanently assigned to each reporting custodian of aircraft. The master code list is maintained by the [CNO](#).

PWS - PERFORMANCE WORK STATEMENT

Q

QA - QUALITY ASSURANCE - A planned and systematic pattern of all the actions necessary to provide adequate confidence that the item or product conforms to established technical requirements and will perform satisfactorily in service. See [MAINTENANCE QA](#).

QAR - QUALITY ASSURANCE REPRESENTATIVE

QAWB - QUALITY ASSURANCE WORKBENCH

QAS - QUALITY ASSURANCE SUPERVISOR or QUALITY ASSURANCE SPECIALIST

QASO - QUALITY ASSURANCE SAFETY OBSERVER

QC - QUALITY CONTROL

QDEAS - QUALITY DEFICIENCY EVALUATION ANALYSIS SYSTEM

QEC - QUICK ENGINE CHANGE

QECA - QUICK ENGINE CHANGE ASSEMBLY - An engine completely assembled with a [QECK](#) on a [QECS](#) with all accessories, less the propeller for reciprocating or turboprop engines.

QECK - QUICK ENGINE CHANGE KIT - A kit containing all items required for a [QECA](#), less [GFE](#), engine, and propeller.

QECS - QUICK ENGINE CHANGE STAND - A structural frame, equipped with castors and floor locks on which a [QECA](#) may be mounted.

QPA - QUALIFIED AND PROFICIENT APPRENTICE

QPJ - QUALIFIED AND PROFICIENT JOURNEYMAN

QPT - QUALIFIED AND PROFICIENT TECHNICIAN

QTY - QUANTITY

QUALIFICATION - Attainment of skill or knowledge to perform a task, duty or job. Qualification normally includes completion of a specified training track and demonstration of proficiency. Qualification often results in a designation. **NAMP** example: A designated Plane Captain is qualified to perform those tasks covered in the Place Captain training syllabus.

QUALIFIED - Having the qualifications to perform a specified task, duty or job. **NAMP** example: A Hydraulic Contamination Analysis Technician is qualified to analyze hydraulic fluid samples.

QUALITY AUDIT - A selective comparison of actual workmanship with a given set of standards or objectives.

QUALITY CHARACTERISTIC - A product characteristic that has been identified by quality and reliability assurance as being critical to or necessary for assuring an acceptable quality product or process.

QUALITY COST -

FAILURE COSTS - Costs incurred when a reworked product does not meet specifications. Internal failure costs are those failure costs that are incurred before the product is sold to our customer. External failure costs are those failure costs that are incurred by the **FRCs** after the product is sold to our customer.

APPRAISAL COSTS - Costs incurred when a reworked product is verified or analyzed to determine its conformance to specifications.

PREVENTION COSTS - Costs incurred for planning and maintaining the quality system.

TOTAL QUALITY COST INDEX - Total quality costs or total costs X 100.

TOTAL QUALITY COSTS - Prevention costs and appraisal costs + failure costs.

QVI - QUALITY VERIFICATION INSPECTION

R

R&M - RELIABILITY AND MAINTAINABILITY

R-SUPPLY - RELATIONAL SUPPLY

RAC - RAPID ACTION CHANGE

RADCOM - RADAR/COMMUNICATIONS

RADIOGRAPHIC - A method that uses X-rays or similar radiation for the purpose of penetrating or being scattered by substances to reveal flaws or defects in the part or structure being examined. See **NDI**.

RAMEC - RAPID ACTION MINOR ENGINEERING CHANGE

RAST - RECOVERY ASSIST, SECURING AND TRAVERSING

RCA - ROOT CAUSE ANALYSIS

RCC - REGIONAL CALIBRATION CENTER

RCM - RELIABILITY CENTERED MAINTENANCE - An analytical process used to identify [PM](#) tasks to realize the reliability of equipment with least expenditure of resources.

RCN - REPORT CONTROL NUMBER

RCRA - RESOURCE CONSERVATION AND RECOVERY ACT

RCU - REQUISITION CONTROL UNIT

RDT&E - RESEARCH, DEVELOPMENT, TEST AND EVALUATION

RECD - RECEIVED

RECEIPT INTO SUPPLY SYSTEM - That point in time when the first item or first quantity of the item on the contract has been received at, or is enroute to, the point of first delivery after inspection and acceptance. See [PROCUREMENT LEAD TIME](#).

RECOVERABILITY CODE - Code assigned to support items to indicate to maintenance and supply personnel the reclamation or disposition action required for items removed and replaced during maintenance. See [SM&R](#).

RECTYP - RECORD TYPE

REDISTRIBUTION - The act of effecting transfer in control, use or location of material between units or activities within or among the military services or between the military services and other federal agencies.

REDUNDANCY - The existence of more than one means for accomplishing a given function. Each means of accomplishing the function need not necessarily be identical.

REF - REFERENCE

REFERENCE NUMBER - A number used to identify an item of production or a range of items of production by the manufacturer controlling the design, characteristics, and production of the item by means of its engineering drawings, specifications, and inspection requirements.

REFERENCE SYMBOL - An alphanumeric code used to identify piece parts as distinct from other items of the same part number in a single subassembly or circuit, such as four of the same diodes within a circuit; each has the same part number but a different reference symbol. Reference symbols are found in the IPB for the component.

REI - REQUEST FOR ENGINEERING INFORMATION.

RELIABILITY - The probability that an item will perform its intended function for a specified interval under stated conditions.

REM - REMOVED

REP - REPAIR TIME

REPAIR - Necessary preparation, fault correction, disassembly, inspection, replacement of parts, adjustment, reassembly, calibration, or tests accomplished in restoring items to serviceable status. See [MAINTENANCE TYPES](#).

REPAIR CYCLE DATA - An uninterrupted record of a repairable item from the time of removal until repair is completed or a reclamation or salvage determination is made.

REPAIR PART - Material capable of separate supply and replacement that is required for the maintenance, overhaul, or the repair of an end article, for example, airframe, accessories, instruments, engine, propeller, electrical, electronics, photographic, armament, and training equipment, including the repair parts of [SE](#). This definition does not include the SE end items.

REPAIRABLE ITEM - A durable item which, when unserviceable, can be economically restored to a serviceable condition through regular repair procedures.

REPLACEMENT ITEM - An item, functionally interchangeable with another item, but differs physically from the original in that the installation of the replacement requires operations such as drilling, reaming, cutting, filing, or shimming, in addition to the normal application and methods of attachment.

REPORTING CUSTODIAN - Navy and Marine activities and commercial contractors assigned custody of aircraft, engines, and [SE](#). Reporting Custodians are responsible for accounting for and reporting the status of assigned aircraft, engines, and equipment. Each aircraft, engine, or equipment is in the reporting custody of only one reporting custodian at any given time.

REPORTING CUSTODY - Responsibility to account for and provide information about assigned aircraft or engines. Reporting custody does not necessarily imply physical custody.

REPORTING PERIOD - For [MDS](#), purposes, a reporting period is 1 month.

REQ/REQN - REQUISITION

RESERVE AIRCRAFT - Aircraft in excess of immediate needs for active aircraft and are retained in inventory for possible future needs.

RESERVE STOCK AIRCRAFT - Program aircraft in the controlling custody of [COMNAVAIRSYSCOM FS](#) that are not currently and actively engaged in any of the various logistic processes, such as awaiting or enroute to an operating command or to rework required in normal transition through standard service life. This category includes those aircraft stored-service life not completed.

RESOURCES - Military and civilian personnel, material on hand and on order, the entitlement to procure or use material, utilities, and services required for the performance of a basic mission, including work or services performed for others.

RESPONSIBILITY CENTER - A command designated to receive and administer an operating budget.

RETIREMENT - Separation of aircraft from the program inventory. Separation may be accomplished by (1) strike, (2) transfer to status codes series P, R, S, or Y, or (3) transfer to a contingency reserve status (code series W).

RETROFIT - Incorporation of an engineering change, at any level, in accepted or in-service items.

REV - REVISION

REWORK (RWK) - Restorative or additive work performed on aircraft, aircraft equipment, and aircraft **SE** by **D-level FRCs**, contractors' plants, and such other industrial establishments designated by **COMNAVAIRSYSCOM**. A rework process extends from the time some of the work is started until all of the work has been completed, including temporary interruptions in direct labor; it also includes rework evaluation and test and correction of discrepancies determined thereby. See **STANDARD REWORK** and **SPECIAL REWORK**.

REWORK FACILITY:

PRIMARY - A facility designated by **COMNAVAIRSYSCOM** as having the primary **D-level** maintenance responsibility for each aircraft, engine, or equipment. In addition to conducting rework, overhaul, or repair of the material listed, the designation as primary rework facility for aircraft and engines carries with it the responsibility for providing engineering and logistic services. When primary **D-level** maintenance responsibilities are contracted for, engineering and logistic services will be provided for that aircraft or engine by a separately designated rework facility, which will also normally be assigned primary manufacturing cognizance.

ALTERNATE - The facility, if any, which is assigned maintenance workload for aircraft, engines, or equipment for which another facility has been designated as the primary rework facility. The alternate rework facility will assume supporting engineering responsibilities as a participating field activity as requested by and negotiated with the primary rework facility, and will normally have responsibility for secondary manufacturing cognizance which may be separately assigned a rework facility by **COMNAVAIRSYSCOM**.

RF - RADIO FREQUENCY

RFI - READY FOR ISSUE MATERIAL - Material, equipment, aircraft, and **SE**, which does not require rework of any type, replacement of overage parts, or other than routine preinstallation and post installation condition verification prior to use. RFI items are not necessarily new or like new, but are functionally reliable and meet applicable performance specifications. Packaging and preservation do not enter into the process of producing an RFI item but are required in order to maintain the item identity and condition and to prevent damage during subsequent shipping, handling, and storage.

RFP - REQUEST FOR PROPOSAL

RFT - READY FOR TASKING

RFU - READY FOR USE

RIC - ROUTING IDENTIFIER CODE

RILOP - RECLAMATION IN LIEU OF PROCUREMENT

RIP - REMAIN IN PLACE

RMD - REPAIRABLES MANAGEMENT DIVISION

RMS - REPAIRABLE MATERIAL SECTION

ROB - RECEIPT ON BOARD

ROI - RETURN ON INVESTMENT

RRI - RELIABLE REPLENISHMENT INTERVAL - The time period between orders/deliveries.

RRT - RELIABLE REPLENISHMENT TIME - The time required to reliably acquire and process, or process and transfer products from one location to another, such as vendor, factory, warehouse, and stocking point. It includes any operation that delays the replacement of parts that have been used. For consumables, RRT is also referred to as TRRDLA.

RSI - REPAIRABLE SUPPORT INVENTORY

RSSK - RIGID SEAT SURVIVAL KIT

RU - RECEIVING UNIT

RWK - REWORK

S

S/N - SER/SERNO - SERIAL NUMBER

SA - SYSTEM ADMINISTRATOR

SA/A - SYSTEM ADMINISTRATOR/ANALYST

SAD - SUPPLY ACCOUNTING DIVISION

SAFE - STRUCTURAL APPRAISAL OF FATIGUE EFFECTS

SAFE FOR FLIGHT - The material condition of an aircraft which, considering mission requirements and environmental conditions, permits it to be launched, flown and landed safely and ensures the aircrew has, as a minimum, the operable equipment for safe flight required by: NAVAIR 01 Series Manual, Aircraft NATOPS; OPNAVINST 3710.7, General NATOPS; and MESM (provided on [CNAP Share portal](#)), Subsystem Capability and Impact Reporting (Safely Flyable Column).

SAFE FOR FLIGHT CERTIFICATION - The decision process performed by authorized and designated personnel that certifies all W&B requirements have been satisfied, all applicable [MRCs](#) have been complied with (or a deviation has been attained from the appropriate authorities), all previously known discrepancies that precluded safe flight have been corrected, and all known discrepancies (evaluated separately and collectively) do not preclude safe flight.

SAFETY LEVEL OF SUPPLY - The quantity of material, in addition to the operating level of supply, required to be on hand to permit continuous operations in the event of minor interruption of normal replenishment or unpredictable fluctuations in demand.

SALTS - STREAMLINED AUTOMATED LOGISTICS TRANSMISSION SYSTEM

SALVAGE - The saving or rescuing of condemned, discarded, or abandoned property and of materials contained therein for reuse, refabricating, or scrapping.

SAMM - SYSTEM ADMINISTRATOR MAIN MENU

SAMPLE - One or more units of product drawn from a lot or batch selected at random without regard to their quality. The number of units of product in the sample is the sample size.

SAMPLING PLAN - A statement of statistically valid sample size or sizes to be used and the associated acceptance and rejection criteria.

SAR - SEARCH AND RESCUE

SARDIP - STRICKEN AIRCRAFT RECLAMATION AND DISPOSAL PROGRAM

SAT - SHORT AIRFIELD TAKEOFF

SB - SERVICE BULLETIN

SCC - SEQUENCE CONTROL CARD

SCDE - SUPPLY CHAIN DEPLOYMENT EXPERT

SCDTE - SUPPLY CHAIN DESIGN TECHNICAL EXPERT

SCH - SCHEDULING TIME

SCHEDULED MAINTENANCE - Inspection or servicing of aircraft, equipment, or **SE** done on a calendar, mileage, or hours of operation basis. **Special Inspections**, **Phase Inspections**, and **Phased Depot Maintenance** events are examples of scheduled maintenance.

SCIR - SUBSYSTEM CAPABILITY IMPACT REPORTING - The data system used to monitor mission capability of selected systems/subsystems.

SCREENING:

ADMINISTRATIVE SCREENING - The screening of all material received at the **IMA** for repair to determine if the item is within the check/test/repair capability of the **IMA**.

SUPPLY SCREENING - The screening of material by the supply screening unit to determine the disposition of material that cannot be repaired at the **IMA**.

SCT - SPECIAL CREW TIME

SCTE - SUPPLY CHAIN TECHNICAL EXPERT

SCU - STOCK CONTROL UNIT

SDR - SUPPLY DISCREPANCY REPORT

SDS - SAFETY DATA SHEET

SE - SUPPORT EQUIPMENT - [IMRL](#) and non-IMRL equipment required to make an aeronautical system, command and control system, support system, subsystem, or end item of equipment (SE for SE) operational in its intended environment. This includes all equipment required to launch, arrest (except Navy shipboard and shore based launching and arresting equipment), guide, control, direct, inspect, test, adjust, calibrate, gauge, measure, assemble, disassemble, handle, transport, safeguard, store, actuate, service, repair, overhaul, maintain, or operate the system, subsystem, end item, or component. See [CSE](#) and [PSE](#).

NOTE: The following equipment is excluded from the definition of SE: Powered and nonpowered hand tools; housekeeping items; office furniture and equipment common to all activities defined in applicable allowance lists that are required as indirect support; items used only by the contractor; and personal equipment, such as headsets and microphones.

SE QECA - SUPPORT EQUIPMENT QUICK ENGINE CHANGE ASSEMBLY - An engine (and in some cases transmission) assembly consisting of the basic block and all required components and accessories which will provide a using activity with a complete assembly ready for immediate operation after installation into the appropriate end unit.

SEAOPDET - SEA OPERATIONAL DETACHMENT - A sea duty component assigned to shore [IMAs](#) used to augment the aircraft carrier's IMA in support of carrier air wing embarkations.

SEATS - SURVIVAL EQUIPMENT ASSET TRACKING SYSTEM - See [VFS LIFE SUPPORT](#).

SEB - SUPPORT EQUIPMENT BULLETIN

SEC - SUPPORT EQUIPMENT CHANGE

SECA - SUPPORT EQUIPMENT CONTROLLING AUTHORITY - A term applied to major aviation commands that exercise administrative control of the [AMMRL](#) Program [SE](#) end items for allowance and inventory control. The following are designated SECAs: [COMNAVAIRFOR](#), [CNATRA](#), [COMNAVRESFOR](#), [COMNAVAIRSYSCOM](#), [CENNAVAVNTECHTRA](#), and PMA-260.

NOTES: 1. COMNAVAIRSYSCOM ACC (AIR-5.0D) executes the SECA functions for all COMNAVAIRSYSCOM field activities, D-level FRCs, FRC West Det China Lake, FRC Mid Atlantic Patuxent River, and for naval weapons stations with SE supplied by COMNAVAIRSYSCOM under the scope of the AMMRL Program.

2. PMA-260 executes SECA functions for the Maritime Prepositioning Force and for initial outfitting of new construction ships.

SECDEF - SECRETARY OF DEFENSE

SECNAV - SECRETARY OF THE NAVY

SECOND-DEGREE REPAIR - The repair of a damaged or nonoperating gas turbine engine, its accessories, or components to an acceptable operating condition. As used in this instruction, repair by designated [IMAs](#) includes the repair/replacement of turbine rotors and combustion sections, including afterburners. Also authorized are replacing externally damaged, deteriorated, or time-limited components, gear boxes, or accessories, and conducting engine inspections. In addition, minor repair to the compressor section is authorized, for example, dressing nicks in compressor vanes and blades within limits of the operating and service instructions. Further, the repair or replacement of reduction gear boxes and torque shafts of turboshaft engines and compressor fans of turbofan engines, which are considered repairable within the limits of the approved intermediate maintenance manuals, shall be done by second-degree repair activities.

SEGTE - SUPPORT EQUIPMENT GAS TURBINE ENGINE

SEIS - SUPPORT EQUIPMENT IN SERVICE

SEL - SUPPORT EQUIPMENT LIST

SER - SERIES

SERMIS - SUPPORT EQUIPMENT RESOURCES MANAGEMENT INFORMATION SYSTEM - The replacement system for the Application Data for Material Readiness List. A collection of technical and cataloging data identifying [SE](#) end items required for [O-level](#), [I-level](#), and [D-level](#) aircraft maintenance. SERMIS provides the SECA with on-line visibility of source, allowance, inventory, and rework data to aid in inventory control. See [AMMRL](#).

SERNO - SERIAL NUMBER - A number that identifies a specific end item or component. The number is usually assigned by the manufacturer and is used to differentiate between a particular end item or component and others of the same [T/M/S](#), design, etc.

SERVICE LIFE - The time period during which the item can be maintained in service without replacement. Each program aircraft, from acceptance to strike, follows a life cycle consisting of alternate periods of operating and rework time as prescribed for each model by OPNAVINST 3110.11. Aircraft become eligible for strike upon completion of the life cycle specified for the model.

SERVICE PERIOD - For aircraft not under [IMC/P](#), a prescribed segment of the service life of aircraft subject to the SDLM process, such as a stated number of calendar months or accumulated flight hours that an aircraft is in the physical custody of an operating activity for use prior to SDLM or retirement. The number and length of standard service periods, together with associated planning factors and policies, are set forth in OPNAVINST 3110.11.

SERVICE TEST - A test of an item, system, material, or technique conducted under simulated or actual operational conditions to determine whether the specified military requirements or characteristics are satisfied.

SERVICEABLE - The condition of an end item in which all requirements for repair, bench check, overhaul, or modification (as applicable) have been accomplished making it capable of performing the function or

requirements for which originally designed. The fact that signs of previous use are apparent does not necessarily mean it is unserviceable. When appearance is not a primary consideration, and the condition of the item meets all safety and performance requirements, it will be processed as serviceable.

SERVICING - The replenishment of consumables needed to keep an item in operating condition, but not including any other preventive maintenance. See [COMMON SERVICING](#), [CROSS SERVICING INTERDEPARTMENTAL/AGENCY SUPPORT](#), and [INTERSERVICE SUPPORT AND SERVICES](#)

SERVMART/MINIMART - SERVICE/MINI MARKET

SESS - SUPPORT EQUIPMENT STANDARDIZATION SYSTEM

SET - A unit or units and the necessary assemblies, subassemblies, and parts connected or associated together to perform an operational function.

SETI - SHAFT ENGINE TEST INSTRUMENTATION

SF - STANDARD FORM

SFOEDL - SUMMARY FILLED ORDER/EXPENDITURE DIFFERENCE LISTING

SHIP OPERATIONS - For the purpose of the NAMP, all flights that take off or land aboard a carrier/ship will be designated as ship operations.

SHIP SCHEDULING - See [MAINTENANCE SCHEDULE](#).

SHML - SHIPS HAZARDOUS MATERIALS LIST

SHOP PROCESS CARDS - A ready reference for performing scheduled maintenance on specific type of aviation life support system equipment and are an extension of the NAVAIR 13-1-6 series manuals.

SHORCAL - SHORE CONSOLIDATED ALLOWANCE LIST

SHORE ESTABLISHMENT - Comprised of shore activities with defined missions approved for establishment by SECNAV.

SHOROC - SHORE REQUIRED OPERATIONAL CAPABILITY

SHORT SUPPLY - A situation existing when the total of stock on hand and anticipated receipts during a given period are less than the total estimated demand during that period.

SHORT-TERM TRANSFER - A letter or message type directive used by an [ACC](#), Wing, or composite maintenance organization to effect transfer and acceptance of aircraft for 90 days or less without an [ATO](#) for the purpose of deployments, exercises, missions/tasks, or Navy,/Marine Corps units assembled under a wing for 90 days or less.

SIM - SIMULATED

SISCAL - SHIPBOARD INSTRUMENTATION AND SYSTEM CALIBRATION

SITSUM - SITUATIONAL SUMMARY

SLEP - SERVICE LIFE EXTENSION PROGRAM - One element of Conversion in Lieu of Procurement. The restoration/replacement of a primary aircraft structure, which has reached its life limit.

SM&R - SOURCE, MAINTENANCE, AND RECOVERABILITY (CODE) - A collective code assigned to items during the provisioning, source coding, or selection process to convey specific information to maintenance and supply personnel. The SM&R code consists of three parts; a source code, a maintenance code, and a recoverability code. See [SOURCE CODE](#), [MAINTENANCE CODE](#), [RECOVERABILITY CODE](#), and [PROVISIONING SOURCE CODING](#).

SMA - SUPPLY MANAGEMENT ASSIST

SMART - SELF MONITORING AND REPORTING TECHNOLOGY

SMD - SUPPLY MANAGEMENT DIVISION

SME - SUBJECT MATTER EXPERT

SMI - SUPPLY MANAGEMENT INSPECTIONS

SMIC - SPECIAL MATERIAL IDENTIFICATION CODE

SMQ - SPECIAL MAINTENANCE QUALIFICATION

SNCO - STAFF NONCOMMISSIONED OFFICER

SNDL - STANDARD NAVY DISTRIBUTION LIST - Provides official address and distribution information for the naval establishment.

SNTP - STANDARD NAVY TRAINING PLAN

SOFTWARE - A set of programs, documents, procedures, and routines associated with the operation of a computer system.

SOP - STANDARD OPERATING PROCEDURE

SORTIE - An operational flight by one aircraft.

SORTSREPNV - STATUS OF RESOURCES AND TRAINING SYSTEMS JOINT REPORT-NAVY

SOURCE CODE - Code assigned to support items (spares, repair parts, components, parts, kits, special tools, test equipment, and SE), to indicate the manner of acquiring items for the maintenance, repair, or overhaul of end items. See [SM&R](#).

SOW - STATEMENT OF WORK

SPAD - SUPPLY PERSONNEL AND ADMINISTRATION DIVISION

SPARES - Articles identical to, or interchangeable with, the end articles on contract that are procured over and above the quantity needed for initial installation for support of an aeronautical system. See [REPAIR PART](#) and [SPARES AND REPAIR PARTS](#).

SPARES AND REPAIR PARTS - Spares are components of assemblies used for maintenance replacement purposes in major end items of equipment. Repair parts are those piece parts, such as individual parts or nonrepairable assemblies, required for the repair of spares or major end items.

SPAWARSYSCEN - SPACE AND NAVAL WARFARE SYSTEMS CENTER

SPC - SHOP PROCESS CARD

SPECIAL INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE](#)

SPECIAL REWORK - Non-recurring D-level rework of aircraft, aircraft equipment, and [SE](#) to improve or change capability to perform specific missions or functions. Special Rework includes replacement, removal, addition, alteration, or repair of structural components and installed parts or equipment. See [REWORK](#).

Aircraft Special Rework includes:

MODERNIZATION - Rework to convert new or newly overhauled aircraft or aircraft withdrawn from storage to the most modern configuration. Modernization includes incorporation of applicable changes and bulletins, installation of accessories, and flight testing.

MODIFICATION - Rework to improve or change capability to perform specific missions. Modification includes only the incorporation of changes and bulletins and the correction of discrepancies as specified in the directive authorizing the modification rework.

CONVERSION - Rework that alters the basic characteristics of the aircraft to such an extent a change of any part of the model designation is required, for example, conversion of an AH-1W to AH-1Z, F-14A to F-14B.

PILOT - Rework to establish overhaul and repair capability for selected components of an aeronautical system, [SE](#), training equipment, and trainers. Pilot rework may be conducted during both the preoperational and operational phases of aircraft service life.

ANALYTICAL - Complete disassembly, inspection, engineering evaluation, repair, assembly, and test of commercial derivative aircraft for defining the D-level maintenance requirements.

INTERSERVICE - Rework of aircraft belonging to one service using the rework resources of another, for example, Army Air Force rework of Navy C-130 aircraft.

REPAIR - Rework to aircraft damaged beyond the scope of a depot field team In-service Repair ([ISR](#)); for example, rework of a crash-damaged aircraft to such an extent the work must be performed in a depot facility.

SPECIAL TEST, PERMANENT AIRCRAFT - Aircraft on special test programs by authorized activities or on bailment contract whose configuration is so drastically changed that return to its original configuration or

conversion to standard operational configuration is beyond practical or economical limits. Special test, permanent aircraft are designated by the status prefix symbol N.

SPECIAL TEST, TEMPORARY AIRCRAFT - Aircraft on special test programs by authorized organizations or on bailment contract having a special test configuration or whose installed property has been temporarily removed to accommodate the test. At completion of the test, the aircraft will be returned either to its original configuration or to standard operational configuration. Aircraft in the process of Board of Inspection and Survey, Preliminary Evaluation are considered in this category. Aircraft in this situation will be designated by the status prefix symbol J. Upon completion of the tests and return of the aircraft to an operational configuration the prefix symbol J will be dropped and so reported by OPNAV XRAY action.

SPECIAL WEAPONS - A term used to indicate weapons grouped for security or other reasons. Specific terminology, for example, nuclear weapons or guided missiles, is preferable.

SPECIFICATION - A document intended primarily for use in procurement, which clearly and accurately describes the essential technical requirements for items, materials, or services, including the procedures by which it will be determined that the requirements have been met.

SQMD - SQUADRON MANPOWER DOCUMENT - Identifies and justifies manpower requirements in relation to mission operational assignments and ensures agreement and alignment with the present manpower programs, controlling directives, policies, terminology, and maintenance and administrative concepts.

SRA - SHOP REPLACEABLE ASSEMBLY - A generic term which includes all the packages within a [WRA](#) including chassis and wiring as a unit. (Sub-level mechanization or modular subdivisions within an SRA may occur.) Conversely, a WRA is composed entirely of SRAs.

SRC - SCHEDULED REMOVAL COMPONENT

SRD - SUPPLY RESPONSE DIVISION

SRS - SUPPLY RESPONSE SECTION - The section of the [ASD](#) that receives requests for material and causes the issue and delivery of the requested material to be made.

SSCA - SPAWAR SYSTEMS CENTER ATLANTIC - This facility maintains NALCOMIS IMA systems, R-Supply, R-ADMIN, Aviation 3M Micro machine, operation and maintenance of the NALCOMIS OMA Mid Tier and JTDI/Technical Manual Server for aviation activities onboard shore stations.

SSD - SQUADRON SUPPORT DIVISION

SSI - SPECIAL STRUCTURAL INSPECTION

SSI - STRUCTURALLY SIGNIFICANT ITEM - The specific region or element of structure whose failure would result in a major reduction of residual strength or loss of the structural function.

SSI-K - SPECIAL STRUCTURAL INSPECTION-KIT

SSK - SEAT SURVIVAL KIT

SSMP - SUPPLY SUPPORT MANAGEMENT PLAN

SSN - SOCIAL SECURITY NUMBER

SSRA - SUB SHOP REPLACEABLE ASSEMBLY

SSSCP - SINGLE SUPPLY SUPPORT CONTROL POINT

SSU - SUPPLY SCREENING UNIT

STANDARD REWORK - Depot rework performed per an established recurring schedule, such as a Fixed Induction Date (FID) or Planned End Date (PED). Phased Depot Maintenance (PDM) and Aircraft condition Inspection/Air Worthiness Inspection (ACI/AWI) are Standard Rework events. Standard Rework includes a comprehensive D-level inspection of selected aircraft structures and materials, correction of critical defects, and incorporation of TDs, and may include limited removal and rework of installed components.

STANDARDIZATION - The process by which the DOD achieves the closest practicable cooperation among the services and agencies for the most efficient use of research, development, and production resources and agrees to adopt on the broadest possible basis the use of: (1) common or compatible operational administrative and logistic procedures; (2) common or compatible technical procedures and criteria; (3) common, compatible, or interchangeable supplies, components, weapons or equipment; and (4) common or compatible tactical doctrine with corresponding organizational compatibility.

STANDARDS LABORATORY - A laboratory under the control of the military departments or any agency of DOD that provides calibration services for certifying the calibration standards of calibration installations. These laboratories normally obtain certification of their standards from the National Institute of Standards and Technology.

STANDBY POOL - See POOL.

STARS-FL - STANDARD ACCOUNTING AND REPORTING SYSTEM - FIELD LEVEL

STASS - STANDARD TRAINING ACTIVITY SUPPORT SYSTEM - Standardized comprehensive day-to-day integrated automated classroom support that feeds corporate level data to NITRAS II.

STATISTICAL ANALYSIS - The science of drawing conclusions from observed data using statistical techniques and methods proved mathematically valid.

STATISTICAL DATA - An accumulation of data which may be graphically presented or tabulated for use in determining the quality level being produced by any specific manufacturing, repair, overhaul, or inspection process.

STATISTICAL QUALITY CONTROL - The control of quality through the application of statistical techniques to inspection/verification methods and process analysis.

STATUS CODES (MILSTRIP) - Codes that furnish information from supply sources to requisitioners or cosigners on the status of requisitions. Supply status (except "rejection" status, code C) predicts shipment on time as specified by the priority delivery date or the required delivery date.

STOCKAGE OBJECTIVE - The maximum quantities of material to be maintained on hand to sustain current operations. It consists of the sum of stocks represented by the operating level and the safety level. See [LEVEL OF SUPPLY](#).

STORAGE - Temporary removal of an aircraft from the active inventory and placement in an inactive status for an indefinite period. Storage assumes the aircraft will be inactive indefinitely or for more than 60 days. Aircraft, in the custody of the [COMNAVAIRSYSCOM FS](#) activities, that are not expected to commence a rework process for 60 days or more, shall be reported in the appropriate storage status. An aircraft will remain in storage status from the beginning of the preservation process until removal of preservation upon withdrawal from storage. Stored aircraft will be preserved at [COMNAVAIRSYSCOM](#) or [DOD](#) activities and may be stored in the open, in metal containers, or in cocoons.

STPOC - SUPPORT TEAM POINT OF CONTACT

STR - STRUCTURAL LIFE LIMIT COMPONENT

STRIKE - The official action that removes an aircraft from the list of Navy aircraft.

SUADPS - SHIPBOARD UNIFORM AUTOMATED DATA PROCESSING SYSTEM

SUADPS/RT - SHIPBOARD UNIFORM AUTOMATED DATA PROCESSING SYSTEM/REAL TIME

SUBASSEMBLY - Two or more parts that form a portion of an assembly or a unit, replaceable as a whole, but having a part or parts that are individually replaceable.

SUBCUSTODIAN - [MEASURE](#) participants supported by a customer activity that have physical custody of equipment, regardless of actual ownership, such as squadrons and [AIMD](#) production work centers.

SUBSTITUTE ITEMS - Two or more items possessing such functional and physical characteristics as to be capable of being exchanged only under certain conditions or in particular applications and without alteration of the items themselves or of adjoining items.

SUBSYSTEMS - A combination of two or more pieces of equipment, generally physically separated when in operation, and such other components, assemblies, subassemblies and parts necessary to perform an operational function or functions.

SUPORG - SUPPLY ORGANIZATION (CODE)

SUPPLIES - All items necessary for the equipment, maintenance and operation of a military command.

SUPPLY - The procurement, distribution, maintenance while in storage, and salvage of supplies including determination of the kind and quantity of supplies.

SUPPLY MANAGEMENT - See [INVENTORY CONTROL](#).

SUPPLY SCREENING UNIT - The section of the [ASD](#) that screens and forwards, for disposition, all components processed at the [IMA](#).

SUPPORT - The action of a force that aids, protects, complements, or sustains another force per a directive requiring such action.

SUPPORTING AIRCRAFT - All active aircraft other than unit aircraft.

SURFACE TARGET - See [MISSILE TARGET](#).

SURVEILLANCE - A mode of Type III verification, which allows the use of, reduced verification through application of an effective audit program. Applicable products and processes are those that display objective quality evidence or those that display a state of statistical quality control using the Shop Process Card.

SUSPECT COUNTERFEIT - Material, items, or products in which there is an indication by visual inspection, testing, or other information that it may meet the definition of counterfeit material provided herein.

SVC - SERVICE

SWPT - SOFTWARE PRODUCT TEAM

SYSTEM - A composite of subsystems, assemblies, skills, and techniques capable of performing or supporting an operational or nonoperational role. A complete system includes related facilities, items, material, services, and personnel such that it can be considered a self-sufficient item in its intended operation.

T

T/M/S - TYPE/MODEL/SERIES

TAA - TIME AND ATTENDANCE

TABLE OF BASIC ALLOWANCE (TBA) - See [AERONAUTICAL ALLOWANCE LISTS](#).

TACAN - TACTICAL AIRBORNE NAVIGATION

TAD - TEMPORARY ADDITIONAL DUTY

TAMPS - TACTICAL AVIATION MISSION PLANNING SYSTEM

TAPE TRANSPORT MAGAZINE - A medium for storing maintenance data from the maintenance status display and recording system on selected aircraft.

TAT - TURNAROUND TIME - TAT is: The time period that commences with the time an aircraft is removed from an operating unit to undergo a rework process and terminates when the reworked aircraft is returned to an operating unit. A change of reporting and controlling custody is not necessarily involved; however, a change in physical custody is always involved. TAT is the sum of the following: time enroute from an operating unit to the naval facility, time awaiting rework, time in rework, time awaiting flight check after rework, time in a [COMNAV AIRSYS COM RFI](#) status, and time enroute to an operating unit. The time needed to service, inspect, and check an item prior to recommitment. The interval between the time a repairable item is removed from use and the time it is available for reissue in a serviceable condition.

TAT RECOVERABLE MISSILE TARGETS - For recoverable missile targets, [TAT](#) is the total time required to perform a complete post launch rehabilitation inspection commencing with the onset of decontamination of a recovered target, including all scheduled and unscheduled maintenance, and testing required to return it to a launch ready condition.

TAXI OPERATOR - Personnel authorized to ground taxi Unmanned Aircraft ([UA](#)).

TBA - TABLE OF BASIC ALLOWANCE

TCC - TARGET CAPABILITY CODE

TCC DT - TARGET CAPABILITY CODE DATE

TCD - TARGET COMPLETION DATE

TCM - TOOL CONTROL MANUAL - Contains information that includes material requirements, tool inventories, and detailed instructions for the implementation and operation of the [Tool Control Program](#) for a specific type/model aircraft.

TCMB - TRAINING CONTINUUM MANAGEMENT BOARD

TCN - TRANSPORTATION CONTROL NUMBER

TCP - TOOL CONTROL PROGRAM

TCR - TRACKED COMPONENT RECORD

TCS - TARGET CONTROL SYSTEM

TD - TECHNICAL DIRECTIVE - A document authorized and issued by [COMNAVAIRSYSCOM](#) to provide technical information necessary to properly and systematically inspect or alter the configuration of aircraft, engines, systems, or equipment subsequent to establishment of each respective baseline configuration. TDs include all types of changes and bulletins and consist of information that cannot be disseminated satisfactorily by revisions to technical manuals. [NATEC](#) controls assignment of TD numbers.

TD CODE - A two-character numeric code that identifies the type of TDs.

TD IDENTIFICATION CODE - A 12 or 13-character alphanumeric code used to identify a specific TD.

TD STATUS CODE - A one-character alphabetic code used to indicate the status of compliance with a TD.

TDA - TPDR DEPOSITION AUTHORITY

TDC - TECHNICAL DIRECTIVE COMPLIANCE

TDC BAS - TECHNICAL DIRECTIVE COMPLIANCE BASIC NUMBER

TDCODE - TECHNICAL DIRECTIVE CODE

TDIR - TECHNICAL DIRECTIVE QUERY TOOL

TDPC - TECHNICAL DIRECTIVES COMPLIANCE PROGRAM COORDINATOR

TDPM - TECHNICAL DIRECTIVES COMPLIANCE PROGRAM MANAGER

TDRS - TECHNICAL DIRECTIVES REPORTING SYSTEM

TDR - TRANSPORTATION DISCREPANCY REPORT

TDS - TECHNICAL DIRECTIVE SYSTEM - TDS is a web application that allows users to track compliance of TDs. By interacting with other [AWIS](#) systems, TDS provides real-time reports of compliance by part inventory levels, serialized items, and PCMCIA cards. The system also enables the initiation, verification, review and approval of new TDs.

TE - TEST EVALUATION

TEC - TYPE EQUIPMENT CODE - A 4-character code used to identify the complete end item or category of equipment being worked on, for example, aircraft, engine, or [SE](#). The general format and structure of these codes is in [Appendix E](#). A complete listing of TECs may be found in the Aviation Type Equipment Code List (A7210-01).

TECHNICAL DATA - Data required for the accomplishment of logistics and engineering processes in support of the contract end item. It includes drawings, operating and maintenance instructions, provisioning information, specifications, inspection and test procedures, instruction cards and equipment placards, engineering and support analysis data, special purpose computer programs, and other forms of audiovisual presentation required to guide personnel in the performance of operating and support tasks.

TECHNICAL EVALUATION - Studies and investigations, by a developing agency, to determine the technical suitability of material, equipment, or systems for use in the military services.

TECHNICAL MANUAL - A publication containing a description of equipment, weapons, or weapon system(s) with instructions for use, inspection, or maintenance. Technical manuals are divided into two major types: operational and maintenance. Maintenance technical manuals include general engineering series manuals, technical documentation lists, maintenance instruction manuals, wiring manuals, weight and balance data manuals, crew station/in-flight maintenance manuals, airborne missile weapons assembly checklists, structural repair manuals, [IPBs](#), power plant manuals, and [PMS](#) manuals.

TECOM - TRAINING EDUCATION COMMAND

TEI - TEMPORARY ENGINEERING INSTRUCTION

TEMADD - TEMPORARY ADDITIONAL DUTY

TENANT - Any activity that will be aboard a ship or station for a period of time sufficient to require specific assignment of shop, hangar, crew, and equipment or line spaces. Activities may use a facility as an assigned tenant or as a joint tenant. Specific spaces may be assigned on a rotational, seasonal, occasional, or transient basis as appropriate.

TER - TRIPLE EJECTOR RACK

TEST - Subjecting an aircraft, airframe, engine, accessory, or item of equipment to prescribed conditions to determine if it will function per predetermined requirements.

BENCH TEST - The subjection of aircraft, engines, accessories, equipment, and equipment to prescribed conditions and specifications, with the use of shop test equipment, to ensure proper functioning.

FUNCTIONAL TEST - The testing of installed aircraft/engines, accessories, and equipment to determine proper functioning, particularly with respect to the applicable system.

SERVICE TEST - A test of an item, system, material, or technique conducted under simulated or actual operational conditions to determine whether the specified military requirements or characteristics are satisfied.

TEST BENCH INSTALLATION - [WRA](#) installed in a test bench harness/test set/test console which is required to simulate in a shipboard or shore-based maintenance shop, system, assembly, or component of the end article for the purpose of accomplishing all necessary operational and maintenance test and repair procedures.

TFBR - TECHNICAL FEEDBACK REPORT

TFMMS - TOTAL FORCE MANPOWER MANAGEMENT SYSTEM

TFOA - THINGS FALLING OFF AIRCRAFT

THIRD-DEGREE REPAIR - Encompasses the same gas turbine engine repair capability as the second-degree repair except that certain functions, which require high maintenance man-hours and are of low incident rate are excluded.

TIME/CYCLE PREFIX CODE - A one-character alphabetic code that identifies the type of time or cycle data recorded on the item.

TIME DOMAIN - The focus on quick and reliable flow of material in time.

TIR - TRANSACTION ITEM REPORT

TM - TYPE MAINTENANCE (CODE)

TM CODE - TYPE MAINTENANCE CODE - A one-character numeric or alphabetic code that identifies the type of maintenance performed.

TMAPS - TECHNICAL MANUAL APPLICATION SYSTEM

TMDE - TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT - TMDE includes all devices or aviation SE used to measure, calibrate, gage, test, inspect, diagnose, or otherwise examine materials, supplies, and equipment to determine compliance with specifications, engineering drawings, technical orders, technical manuals, maintenance instructions, and/or serviceability standards.

TMR - TOTAL MISSION REQUIREMENTS

TMS - TRAINING MANAGEMENT SYSTEM

TOC - THEORY OF CONSTRAINTS - A management philosophy to effectively identify and manage constraints that inhibit organizations from achieving their goals.

TOLLGATE - A review process carried out at the end of each step of the “Define, Measure, Analyze, Improve, and Control” process improvement project. Tollgate reviews help to determine whether all of the goals within each stage of the project have been achieved successfully and must be approved by process owners and stakeholders prior to proceeding with the next phase of the project.

TOP TIER - The Top Tier Replication server is a subscriber to all.

TOT - TOTAL TURNAROUND TIME

TPI - TEST PROGRAM INSTRUCTION

TPM - TEST PROGRAM MEDIA

TPTI - TURBO PROP TEST INSTRUMENTATION

TPDR - TECHNICAL PUBLICATIONS DEFICIENCY REPORT

TPL - TECHNICAL PUBLICATIONS LIBRARY

TPS - TACTICAL PAINT SCHEME

TPS - TEST PROGRAM SET - Items needed to test a unit on [ATE](#). These items include electrical, mechanical, instructional, and logical decision elements. The [TPS](#) elements are test program, interconnection device, test program instruction, and supplementary data.

T&R - TRAINING AND READINESS

TR - TROUBLE REPORT

TRR - TRAINING REQUIREMENT REVIEW - A [CNO](#)-sponsored review and revalidation of designated existing weapon system training courses, which identify training track, course, [NEC](#) or [MOS](#), [Personnel Qualification Standards](#), and curriculum deficiencies. The TRR initiates corrective action and establishes tailored training tracks for enlisted aviation billets.

TRACE CADPAD - TRACEABILITY CARTRIDGE ACTUATED DEVICE/PROPELLANT ACTUATED DEVICE

TRACE LIFE SUPPORT MODULE - An internet based system, which provides a standardized method to manage, report, and generate hard copy history records on [ALSS](#) components and installed explosive devices.

TRACKED - All life limited/repairable components in NTCSS Optimized OMA NALCOMIS.

TRAINING AIDS - Any item developed/procured with the primary intent that it shall assist in training and the process of learning.

TRANS - TRANSACTION

TRANSFER - The act of conveying reporting/controlling custody of an aircraft/SE to another custodian.

TRANSFER INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE](#) and [INSPECTIONS, SUPPORT EQUIPMENT \(SE\)](#).

TRANSIENT - Personnel, ships, or aircraft stopping temporarily at a station or port to which they are not assigned/attached and having destination elsewhere.

TRAWING - TRAINING WING

TRCODE - TRANSACTION CODE - A two-character numeric code used to denote the type of data being reported, and to indicate the record type to be produced.

TRK - TRACKED

TRR - TIME TO RELIABLY REPLENISH - The time, in hours or days, it takes once a part is pulled from the supply shelf until it is back on the supply shelf ready for issue. The formula for determining a work centers TRR is $RRI + RRT = TRR$.

TRU - TECHNICAL RESEARCH UNIT

TSC - TACTICAL SUPPORT CENTER

TSN - TIME SINCE NEW

TSO - TIME SINCE OVERHAUL

TSR - TIME SINCE REWORK

TTCMS - TRAINING TOOL CHANGE MANAGEMENT SYSTEM

TTCR - TRAINING TOOL CHANGE REQUEST

TURNAROUND - The time between arriving at a point and departing from that point.

TURNAROUND CYCLE - Used in conjunction with vehicles, ships, and aircraft comprising the following: loading time at home, planned maintenance time, and, where applicable, time awaiting facilities. See [TURNAROUND](#).

TURNAROUND INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE](#).

TYCOM - TYPE COMMANDER

TYPE COMMANDS - See [ADMINISTRATIVE COMMANDS](#).

TYPE WING - Unit exercising immediate operational and administrative control over a reporting custodian, relinquishing operational control to another wing when the reporting custodian is deployed.

U

U&W - UNMANNED AVIATION AND STRIKE WEAPONS

UA - UNMANNED AIRCRAFT - A powered aircraft that does not carry a human operator, and is capable of flight under remote control, or autonomous programming.

UADPS - UNIFORM AUTOMATED DATA PROCESSING SYSTEM

UAS - UNMANNED AIRCRAFT SYSTEMS - A system whose components include a [UA](#) and the necessary equipment, network, and launch and recovery equipment to control a UA.

UIC - UNIT IDENTIFICATION CODE

UICP - UNIFORM INVENTORY CONTROL POINT

ULSS - USER'S LOGISTICS SUPPORT SUMMARY - (Formerly the Operational Logistics Support Plan). The ULSS is prepared by the Logistics Manager for users to identify logistics resources necessary to operate and maintain the systems, subsystems, and equipment in their operational environment. The ULSS describes the acquisition logistics support products and services that have been developed to support fleet introduction.

ULTRASONIC - A method that uses ultrasonic energy to inspect parts of structures for defects, thickness variations, corrosion, etc. The reflection of ultrasonic energy is observed to determine discontinuities or measure thickness. This method can be applied to metallic or nonmetallic materials. See [NDI](#).

UMMIPS - UNIFORM MATERIAL MOVEMENT AND ISSUE PRIORITY SYSTEM

UNCLAS - UNCLASSIFIED

UNIT - Unit is defined as: (1) a military element whose structure is prescribed by competent authority, such as a Table of Organization, specifically, part of an organization; (2) an organizational title of a subdivision of a group in a task force; (3) a standard of basic quantity into which items of supply are priced, divided, issued, or used; and (4) an assembly or any combination of parts, subassemblies, and assemblies mounted together, normally capable of independent operation in a variety of situations.

UNIT AIRCRAFT - Those aircraft provided to an aircraft unit for performance of a flying mission.

UNIT OF ISSUE - The quantity of an item, such as each number, dozen, gallon, pair, pound, ream, set, or yard. Usually termed "unit of issue" to distinguish from "unit price".

UNK - UNKNOWN

UNMANNED AIRCRAFT - A powered aircraft capable of flight under remote control, or autonomous programming that does not carry a human operator. Radio controlled aircraft that are operated exclusively under the Academy of Model Aeronautics National Model Aircraft Safety code are not considered unmanned aircraft.

UNS - UNSCHEDULED MAINTENANCE - Maintenance, other than the fix phase of scheduled maintenance, occurring during the interval between scheduled downtime maintenance periods.

UNS - UNIFIED NUMBERING SYSTEM

UNSCH - UNSCHEDULED

UPKEEP - The preventive, restorative, or additive work performed on aircraft, equipment, and SE by operating units and aircraft SE activities. The term applies to any method of processing aircraft required to ensure the completion of standard operating periods or service tours, including but not limited to the servicing, periodic inspections, functional and bench test, replacement, preservation, modification, and repair. An upkeep process extends from the time some of the work is started until all the work is completed, including temporary interruptions in direct labor; it also includes upkeep, evaluation, test, and correction of discrepancies determined thereby. Upkeep is divided into two categories, scheduled and special. See [MAINTENANCE TYPES](#).

STANDARD UPKEEP - The periodic or scheduled work performed on aircraft, aircraft equipment, and aircraft SE after (and as a result of) completion of a prescribed number of flying hours, operating hours, or calendar days per prescribed inspection or replacement requirements and such that the end product requirement of the work includes the capability of aircraft or equipment to serve a full prescribed period of flying hours, operating hours, or calendar days before undergoing upkeep again.

SPECIAL UPKEEP - The work done to aircraft, aircraft equipment, and aircraft SE to improve, change, or restore their capability to perform specific missions or functions by replacement, removal, addition, alteration, or repair of parts/equipment/aircraft, without particular regard to flying hours, operating hours, calendar days, or operating periods. Special upkeep includes, but is not limited to, modification, repair, and unscheduled inspection, replacement, or test.

USE (PRIMARY) - The primary reason an operating unit has an allowance of operating aircraft.

USN - UNITED STATES NAVY

USNO - UNITED STATES NAVAL OBSERVATORY

UTIL - UTILIZATION

UTILIZATION - The average number of hours per unit period of time an aircraft is actually in flight. Normally, utilization for a particular model aircraft is specified by the average number of hours flown per operating aircraft per calendar month, for example, E-2C utilization is 30 hours (meaning an average of 30 flight hours were flown per month per operating aircraft).

UTILIZATION FACTORS - Planned aircraft utilization per 24-hour day or calendar month, as appropriate. Aircraft utilization factors for various types, classes, and models of aircraft differ and must be specified for each. These factors are used in computations leading to the determination of maintenance requirements, for example, maintenance man-hours, spares, and repair parts required.

UUT - UNIT UNDER TEST

V

VALSPECS - VALIDATION SPECIFICATIONS

VAL/VER - VALIDATION/VERIFICATION

VED - VISUAL ELECTRONIC DISPLAY

VENDOR - A manufacturer or supplier of a commercial item.

VERIFICATION - The determination of product quality conformance by (1) actual examination, (2) measurement, (3) witnessing of tests, or (4) review of documented objective evidence describing product/quality characteristics and comparison to prescribed quality requirements and performed by QA group personnel.

VERTREP - VERTICAL REPLENISHMENT

VFC - NAVY COMPOSITE SQUADRON

VFS - VIRTUAL FLEET SUPPORT

VFS CADPAD - VIRTUAL FLEET SUPPORT CARTRIDGE ACTUATED DEVICE/PROPELLANT ACTUATED DEVICE - Web-based real-time information management program used to track installed assets, electronic transfers of aircraft custody between commands, electronic service life changes/extensions, and [ALSS](#) asset maintenance providing the ability to print reports and logbook pages.

VFS LIFE SUPPORT - VIRTUAL FLEET SUPPORT LIFE SUPPORT SYSTEMS - Web-based real-time information management program used to track installed assets, electronic transfers of aircraft custody between commands, electronic service life changes/extensions, and [ALSS](#) asset maintenance providing the ability to print reports and logbook pages.

VHF - VERY HIGH FREQUENCY

VIBRATION ANALYSIS - The technologies to detect, quantify, and eliminate defects in airframes, installed engines, and dynamic components for fixed and rotary wing aircraft. Application may be in troubleshooting, scheduled maintenance, or following specified condition-based maintenance.

VIBRATION TESTING - The technology to detect, quantify, and eliminate defects in engines and dynamic components during engine/dynamic component rework for fixed and rotary wing aircraft.

VIDS - VISUAL INFORMATION DISPLAY SYSTEM

VIDS/MAF - VISUAL INFORMATION DISPLAY SYSTEM/MAINTENANCE ACTION FORM - A hardcopy [OPNAV](#) form 4790/60 used to document maintenance in activities that do not use OOMA or OIMA.

VOC - VOLATILE ORGANIC COMPOUND

VRT - VOYAGER REPAIR TEAM

VX - AIR TEST EVALUATION SQUADRON

W

W&B - WEIGHT AND BALANCE

WAN - WIDE AREA NETWORK

WC - WORK CENTER

WD CODE - WHEN DISCOVERED CODE - A one-character alphabetic code that identifies when the need for maintenance was discovered.

WEAPON SYSTEM - A weapon and those components/parts required for its operation. (The term is not precise unless specific parameters are established.)

WEAPONS TEST EQUIPMENT - Specialized equipment of an electrical or electronic design used to test, maintain, or service aircraft weapons, bombs, rockets, missiles, special weapons, torpedoes mines, or any other explosive ordnance. This equipment is a category of WSE.

WEBFLIS - WEB FEDERAL LOGISTICS INFORMATION SERVICE

WEL - WEAPONS EQUIPMENT LIST

WESS - WEB ENABLED SAFETY SYSTEM

WESTPAC - WESTERN PACIFIC

WHE - WEAPONS HANDLING EQUIPMENT - A category of [WSE](#) which provides direct support to the weapons item. This equipment includes both peculiar and common ordnance handling and transportation equipment, as well as tools used for canning/decanning, magazine handling, and assembly of weapons/ordnance related items. Examples of this equipment include hoisting beams, weapons carriers, strongbacks, hand lift trucks, handling bands, magazine lifting slings, weapons skids, trailers, bomb trucks (nonself-powered) and their associated tools, gauges, jigs, alignment bars, bomb assembly tables, maintenance stands, and other weapons related equipment. This equipment supports both air and surface launched weapons.

WHE - WEIGHT HANDLING EQUIPMENT

WIP - WORK-IN-PROCESS

WHOLESALE FOUNDATION TIER - Server for items that are BCM to the wholesale domain.

WING - Unit exercising immediate operational control over a reporting custodian, for example CVW, MAW, and Type Wing.

WO - WORK ORDER - A work document generated in OOMA. See [OOMA](#).

WORK CENTER - A designated functional area to which maintenance personnel are assigned.

WORK CENTER CODE - A three-character code that identifies work centers. They are used in [MDR](#) to identify a work center performing the maintenance action documented. Work center codes are listed in [Appendix E](#).

WORK CENTER SUPERVISOR - The person assigned the responsibility of maintenance management within a given work center.

WORK DOCUMENTS - Workload Control System Shop Work Orders which provide mechanized documents (electronic accounting machine serialized punched cards) compatible with the Installed Source Data Automatic Equipment Industrial Transactor: (1) UADPS Shop Work Order; (2) Handwritten Shop Work Order; (3) Discrepancy Work Order; (4) other work documentation required to supplement work documents; (5) Technical Data Package Examination and Evaluation Worksheet (internal); and (6) temporary custody, logs and records, [ASR](#), [SRC](#) Card, [EHR](#) Card, [MSR](#), and [AESR](#) (external).

WORK START - The point at which direct maintenance starts. See [DIRECT MAINTENANCE](#).

WORK STOPPAGE - The point at which direct maintenance ceases, requiring the job status to change from in-work (IW) to any other job status on a [WO/MAF](#). See [DIRECT MAINTENANCE](#).

WP - WORK PACKAGE

WRA - WEAPONS REPLACEABLE ASSEMBLY - A generic term, includes all the replaceable packages of an avionic equipment, pod, or system as installed in an aircraft weapon system, with the exception of cables, mounts, and fuse boxes or circuit breakers.

WSE - WEAPONS SUPPORT EQUIPMENT - A category of [SE](#) where the principal function is support of the explosive ordnance component or weapon is used primarily by the Weapons Department. This equipment may be defined further as being related to air-launched, surface, or subsurface fired weapons. Air-launched related equipment includes both mechanically/electrically operated handling equipment and electronic test equipment, defined as WHE and weapons test equipment, respectively.

WSM - WEAPON SYSTEM MANAGER

WSP - WHOLESALE STOCK POINT

WSPD - WEAPONS SYSTEM PLANNING DOCUMENT - Provides base loading data, planned procurements, delivery schedules, system inventories, planning factors, material support policy, training plans, and other related planning information.

WUC - WORK UNIT CODE - A unique alphanumeric identifier of the hierarchical structure of assemblies, systems, sets, groups, installations, repairable components, life limited, high profile consumable parts, or areas, or zones of a weapons system. WUCs are utilized for documentation of maintenance tasks. WUCs may be up to thirty-two numeric or alphanumeric characters in length.

X

XO - EXECUTIVE OFFICER

Y

YYMMDD - YEAR, MONTH, AND DAY (for example, 971231)

Z

ZONAL INSPECTION - See [INSPECTIONS, AIRCRAFT/ENGINE/SUPPORT EQUIPMENT](#).