

This revision replaces COMNAVAIRFORINST 4790.2D. COMNAVAIRFORINST 4790.2D Change 1 contains the following highlights.

Chapter 1 – Overview of the Naval Aviation Maintenance Program (NAMP) and Guide to the NAMP Instruction

1. Clarifies Change Proposals and updates example.

Chapter 2 – Chief of Naval Operations and Commandant of the Marine Corps, System Commands, Aircraft Controlling Custodians, Navy Type Wings and Marine Air Wings, and Operational Commanders

Chapter 3 - Maintenance Concepts; Maintenance Activity Standard Organization; Aviation Maintenance Officer Qualifications; Command, Department, Division, Branch and Work Center Management Responsibilities

1. Clarifies that if an Unmanned Aircraft Systems (UAS) possesses any qualities of a higher group, it should be categorized as a member of the higher group.
2. This change includes Group 3 UAS be exempt from NAMP compliance unless specifically identified by CNAF N42/422 as having to comply with tailored NAMP requirements.
3. Adds Organizational Level Maintenance Management (OLMM) abstract from CNAP/CNAL 4790.43.
4. Clarifies requirement for the Corrosion for Managers (CFM) course (N-701-0039) Aviation Maintenance Advisory (AMA) 2021-04.

Chapter 4 - Marine Aviation Logistics Squadron (MALS) Maintenance, Ordnance, Supply Activity Organization, and Information Management Support

1. Corrects term Avionics Department vice Division, new figure 4-1 to reflect AMA 2021-03.

Chapter 5 –O-level Maintenance Control; I-level Production Control; Aircraft , Engine, and Equipment Inspection; Aircraft Acceptance, Transfer, and Ferry

1. Clarifies that for systems that do not have a Naval Air Training and Operating Procedures (NATOPS), operationally approved preflight procedures or Type/Model/Series (T/M/S) maintenance procedures must be followed.
2. Adds cross-country as a condition under daily and turnaround inspections when the Commanding Officer (CO) may grant pilot-in-command to perform T/M/S specific inspections.
3. Aligns Functional Check Flight (FCF) requirements to address aircraft with full ground check capability and updates references to Maintenance Instructions Manual (MIM), NATOPS,

Maintenance Requirements Card (MRC) and User's Logistics Support Summary (ULSS).

4. Corrects Block 8 requirements of the Aircraft Inspection and Acceptance Record from AMA 2021-03.
5. Provides clarification to hot seat and hot seat crew changes evolutions AMA 2021-03.
6. Corrects Note for block 8 of the Aircraft Inspection and Acceptance Record documentation for ordnance inspection AMA 2021-04.
7. Corrects policy statement for completing Job Qualification Requirement (JQR)/Personnel Qualification Standards (PQS) minimum requirements for Production Control managers AMA 2021-07.
8. Provides clarification on inducted Performance Based Logistics (PBL) items AMA 2120-07.
9. Establishes M-sharp as the primary flight data source for Marine Corps AMA 2021-11.

Chapter 6 - Material Management and Control

Chapter 7 - Quality Assurance (QA)

1. Corrected the terms for Worker, Collateral Duty Inspector (CDI) in reference to Maintenance Action Form (MAF)/Work Order (WO) sign offs. This change adds "qualified" to Worker and clarified this section of CDI responsibilities to ensure CDIs are monitoring completed maintenance by qualified worker.
2. Corrects Aircraft Confined Space Program (ACSP) applicability to aircraft fuel cells and tanks only. Adds verbiage from NA 01-1A-35 per NAVAIR ACSP Subject Matter Expert (SME).
3. Correction to inspection documentation when inspections cannot be performed by a single QA inspector O-level and I-level AMA 2021-03.

Chapter 8 - Aircraft and Aeronautical Equipment Logbooks and Records

1. Corrects training requirement for personnel involved with Configuration Management (CM) Automated Logset (ALS) AMA 2021-03.
2. Provides clarification to processes for the management of Aviation Life Support System (ALSS) inducted to the Intermediate Maintenance Activity (IMA) AMA 2021-07.
3. Correction to the upkeep of the IN/OUT boxes in CM via Inventory and Group Explorer AMA 2021-07
4. Establishes distinct Naval Flight Record (NAVFLIR) procedures for Marine Corps AMA 2021-11.
5. Correction to force completion policy AMA 2021-11.
6. Correction to CM ALS back-up policy AMA 2021-11.

Chapter 9 – Aircraft Inventory Management and Material Condition Reporting

1. Adds Equipment Operational Capability (EOC) code P.
2. Adds note in Mission Essential Subsystems Matrix (MESM) directing EOC "Z" will have

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clear direct applicability notes AMA 2021-05.

3. Provides clarification to XRAY submission for dual reporting requirements AMA 2021-08.

4. Provides clarification to Engine Transaction Report (ETRs) on stricken engines and submission requirements AMA 2021-08.

5. Correction to requirement to submit RECTYP 79 data under specific circumstances, between squadrons, between home guard and different organization detachment servers and to a depot facility. Additionally, outlines process for data not downloaded AMA 2021-11.

6. Correction to NOTES requiring the OP status category code and fleet assigned code requirement for all receipt XRAYs AMA 2021-11.

7. Correction to Standard Rework, Phase Depot Maintenance (PDM), Aircraft Condition Inspection (ACI)/Air Worthiness Inspection (AWI), conversion repair, modernization/modification chart AMA 2021-11.

8. Correction to O-level AV3M Summary, delete requirement for element (5) Partial Mission Capable (PMC) Scheduled man hours AMA 2021-11

Chapter 10 - Naval Aviation Maintenance Program Standard Operating Procedures (NAMPSOPs)

1. NAMPSOP 10.1 Maintenance Training Program.

a. All designations will be performed in Advanced Skills Management (ASM).

b. ASM is the primary documentation for certifications, qualifications, renewals and recertifications. Additionally, ASM will be documented as required for all NAMPSOPs directing a periodic monitor to be documented on the last day of due month.

c. Corrected removing a requirement to have Naval Aviation Logistics Command Management Information System (NALCOMIS) adhoc data uploaded into ASM on monthly basis.

d. ASM is the primary means to validate current Support Equipment (SE) Licensed Operators when checking out SE. Each I-level ASM Fleet Admin has capacity to view organically supported squadron personnel. Secondary and tertiary means is Monthly Personnel Plan (MPP) print out, or actual SE License.

e. All designations, qualifications, and certifications are complete when signed off by the designation authority and will be tracked by that date.

f. Amended Formal Training definition to address formal training encompasses both curriculum that results in Navy Enlisted Classification (NEC) or Military Occupational Specialty (MOS) and those which don't, but are foundational to NAMP, NAVAIR or Navy Occupational Safety and Health (NAVOSH) program or policy requirements.

2. NAMPSOP 10.5 Hydraulic Contamination Program; this change updates requirement for documentation from excessive to whenever applicable publication limits are reached.

3. NAMPSOP 10.10 Technical Directive (TD) Compliance

a. Directs O-level to perform List 02 and List 04 verifications on aircraft and engine

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Aeronautical Equipment Service Record (AESRs) quarterly.

b. Requires I-level to perform List 02 and List 04 verifications upon receipt, Ready For Issue (RFI), and transfer.

c. Corrects notes in NA500C figure to read reason of NA vice admin changes.

d. Introduces TD Validation Verification process and adds documentation requirements for Validation/Verification.

4. NAMPSOP 10.11 Foreign Object Damage (FOD) Prevention Program.

a. Corrects documentation requirements when missing tools or fasteners are a FOD hazard AMA 2021-04.

b. Correction to policy, issue a downing discrepancy “FOD free” inspection WO for aircraft that have not flown for 30 days or more.

4. NAMPSOP 10.13 Aircraft and SE Corrosion Prevention and Control program; this change updates the location where Hazardous Materials (HAZMAT) required for Emergency Reclamation Kits can be stored and who will be responsible for inventorying those items.

5. NAMPSOP 10.14 Plane Captain. Removes “monitor” and aligns to requalification.

a. Clarifies requalification differences in Plane Captain (PC) designations for Naval aircrewman and maintenance personnel.

b. Clarifies PC designation for Fleet Replacement Squadrons (FRS) and test squadrons which have transitioned to Contract Logistics Services (CLS), military personnel and contractors who perform PC duties AMA 2021-04.

c. Provides clarification and correction to NOTES where the Maintenance Officer (MO) is equivalent to Assistant Maintenance Officer (AMO) (Marine Corps) and the person performing specific MO duties for the D-level activities. Additionally, activities that employ contractors to perform line or power line duties, will have a division officer within the maintenance department as PC Qualification Program Manager/Coordinator AMA 2021-07.

6. NAMPSOP 10.16 Support Equipment Operator Training and Licensing Program.

a. Clarifies O-level AMO may sign Phase I training in ASM as verification AMA 2021-04.

7. NAMPSOP 10.17 Support Equipment Maintenance. Updates definitions for SE temporary loan, subcustody, and transfer of SE to match definitions per NAVAIRINST 13650.1. Adds SE Transaction Report back into the 4790.2D CH-1 and clarifies responsibilities for RFI and Not Ready For Issue (NRFI) SE to Program Manager, Division Officer and Work Center Supervisor.

8. NAMPSOP 10.19 Hazardous Material Control and Management (HMC&M) Program; this change corrects the extension and disposal policy for HAZMAT with an expired shelf life.

9. NAMPSOP 10.21 Electrostatic Discharge (ESD) Protection and Electromagnetic Interference (EMI) Reporting Program. Corrects policy statement to designate a supply department ESD Protection coordinator.

10. NAMPSOP 10.35 Nondestructive Inspection (NDI) Program. Correction to policy where aircraft, equipment or facilities operate with radiological emitting systems AMA 2021-09A.

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11. NAMPSOP 10.42 Aircraft Engine/Auxiliary Power Unit (APU) Turn-up License and Aircraft Taxi NAMPSOP. Aligns the proficiency requirements for Turn and Taxi qualified personnel to 180 day vice 60 Day and 90 Day respectively.

12. NAMPSOP 10.43 Miscellaneous Programs and Processes:

- a. Removes 10.43.2 Unmanned Aircraft Systems (UAS) Program.
- b. Deletes reference to UAS as UAS are not discussed in the Naval Ordnance Management Policy (NOMP).
- c. Adds Low Observable Maintenance Program Requirements.

Chapter 11 - Contract Maintenance, Commercial Derivative Aircraft Maintenance Programs, and Common Support Policies

Chapter 12 - COMNAVAIRSYSCOM Aviation Depot Level Industrial Program, Depot Special Process Certification, and Naval Air Technical Data and Engineering Service Center (NATEC) Engineering Technical Services (ETS)

1. Updates existing policy
 - a. Central Technical Publications Library (CTPL) 12.1.3.11
 - b. Plane Captain 12.2.3.8
2. Establishes distinct policy guidance from Chapter 10 to Chapter 12 for the following programs:
 - a. Fuel Surveillance Program 12.1.4.1
 - b. Joint Oil Analysis Program (JOAP) 12.1.4.2
 - c. Aviators Breathing Oxygen (ABO) 12.1.4.3
 - d. Hydraulic Contamination Control Program 12.1.4.4
 - e. Tire and Wheel Maintenance Safety Program 12.1.4.5
 - f. Foreign Object Damage (FOD) Prevention Program 12.1.4.6
 - g. Corrosion Prevention and Control Program 12.1.4.7
 - h. Emergency Reclamation 12.1.4.8
 - i. Technical Directive (TD) Compliance 12.1.4.9
 - j. Egress/Explosive Systems Checkout Program 12.1.4.10
 - k. Support Equipment (SE) Planned Maintenance System (PMS) 12.1.4.11
 - l. Hazardous Material Control and Management (HMC&M) Program 12.1.4.12

Chapter 13 - Naval Aviation Logistics Command Management Information System (NALCOMIS) and Naval Tactical Command Support System (NTCSS) Optimized Organizational Maintenance Activity (OMA) NALCOMIS Data Collection System Center (NDCSC)

1. Removes the Marine Corps Application Administrator/Analyst (MOS 6049) assignment

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to the Aviation Logistics Information Management and Support (ALIMS) department.

2. Corrects Detachment Processing.
3. Adds clarification for hardware warranty and non-warranty concerns AMA 2021-07.

Chapter 14 – Naval Aviation Maintenance Data System (MDS); Maintenance Data Reports (MDR); Data Analysis; Aviation Maintenance Metrics

1. This change updates the effects of Non-Mission Capable (NMC)-Depot implementation on the calculation of Mission Capable (MC)/Full Mission Capable (FMC) percentages. NMC-Depot is a NMC status and as such should be included in the formula to reflect accurate monthly percentage of aircraft status.

2. Clarifies NAVAIR Program offices Reliability Control Board (RCB) data accuracy AMA 2021-05.

3. Correction to O-level AV3M Summary Manpower Utilization Metrics item (14) Total Cannibalization Actions per 100 sorties is not required. Item (14) is captured under Material Support Metrics AMA 2021-05.

Chapter 15 - Organizational Level (O-Level) Maintenance Data System (MDS) Functions, Responsibilities, and Source Document Procedures

1. Corrects CDI and CDISUP fields policy for WO/MAF sign off.
2. Corrects requirements for corrective action block on WO AMA 2021-07.

Chapter 16 - Intermediate Level (I-Level) Maintenance Documentation Procedures

Appendix A - Acronyms, Abbreviations, and Definitions

1. Adds definition for cross-country flight and local flying area aligned with the NATOPS manual.

Appendix B - Forms and Reports

Appendix C - Directives and Publications

Appendix D - Local Command Procedures

Appendix E - Maintenance Documentation Codes

1. Corrects and adds AWM codes.
2. Corrects use of M6 AMA 2021-05.
3. Correction to work center code X43 AMA 2021-05.
4. Adds general Work Unit Code (WUC) 1000000 restricted use to Technical Directives WO only and clarifies 2-Digit System WUCs AMA 2021-05

Appendix F - Data Entry Procedures

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