

UNITED STATES MARINE CORPS

Road Map

The road to success for

MOS 6046

Aircraft Maintenance Administration Specialist



1. Mission Administration	2. Safety
2. Flight	3. Air Safety
3. Maintenance	4. Plans
4. Air Support	5. Personnel
5. Air Support	6. Detachment Publications



OVERVIEW:

The "Road Map to Success" is a training initiative to give every Marine a guideline from which to plan their career. Each MOS Road Map details the MOS Training, PME, Voluntary Education, and Billets recommended for each rank. These Road Maps "should not" be utilized by supervisors for performance evaluation of a Marine such as Proficiency/Conduct Marks or Fitness Reports, but as an option to enhance their future both in the military and beyond.

Upon graduation from MOS school, Marine receives a brief on:

Future MOS courses, MCI requirements, PME requirements, and the availability of college courses.

Gaining Command:

Realigns, supports, and enforces the road map.

1st Year

MOS: 6046, Aircraft Maintenance Administration Specialist

- Complete Recruit Training
- Complete Marine Combat Training (MCT)
- Complete Aviation Maintenance Administration Class A1 (C-555-2010)

PME:

- Complete MCI (3420E) Personal Finance
- Complete MCI (0033) Fundamentals of Marine Corps Leadership
- Complete Driver Improvement Course

Voluntary Education:

- Personnel can begin to work toward obtaining an Associate in Arts degree

Duty:

- Maintenance Control Clerk
- Maintenance Admin Assistant Collateral Duty Assignment (I.E. Safety NCO, CTPL, Mail Clerk, IA security, NCO)

Special Duty:

- Recruiter's Assistance recommended prior to reporting to the FMF



2nd Year

MOS: 6046, Aircraft Maintenance Administration Specialist

- Progress toward Individual Training Standards System (ITSS) Marine Corps Maintenance Training Management and Evaluation Program (MATMEP) Level III Qualification as per MCO P4790.20
- Attend FASO D-555-0039 Naval Aviation Maintenance Logs and Records Management for NALCOMIS OMA
- Attend FASO (D-555-0038) Naval Aviation Visual Identification Display System/Subsystem Capability Impact Reporting Course
- Attend FASO (D-555-0023) Dispersed Technical Publication Librarian Course

PME:

- Complete MCI (033N) Fundamentals of Marine Corps Leadership
- Complete MCI (0210) Terrorism Awareness For Marines

Voluntary Education:

- Personnel continue to work toward obtaining an Associate in Arts degree through school of choice.

Duty:

- Maintenance Control Clerk
- Maintenance Admin Collateral Duty Assignment (I.E. Safety NCO, CTPL, Mail Clerk, IA security, NCO)

Special Duty:

- None

6046 Road Map

3rd Year

MOS: 6046, Aircraft Maintenance Administration Specialist

- Obtain ITSS MATMEP Level III Qualification as per MCO P4790.20
- Attend FASO Course D-555-0049 NALCOMIS OOMA System Administrator
- Attend FASO Course D-555-0047 Naval Aviation Organizational Maintenance Activity Basic Documentation and Functional Training
- Attend FASO Course D-555-0028 NALCOMIS System Administration for Organizational Maintenance Activities (OMA) (Legacy)

PME:

- Attend Corporal's Course (Resident)
- Read books from the Commandant's Reading List

Voluntary Education:

- Personnel continue to work toward obtaining an Associate in Arts degree.

Duty:

- Maintenance Admin Collateral Duty Assignment (I.E. Safety NCO, CTPL, Mail Clerk, IA security NCO)

Special Duty:

- None



6046 Road Map

Sergeant

MOS: 6046, Aircraft Maintenance Administration Specialist

- Obtain ITSS MATMEP Level IV Qualification as per MCO P4790.20
- Attend FASO D-555-0036 NALCOMIS Work Center Supervisor for OMA (Legacy)
- Attend FASO D-555-0041 INTERMEDIATE ACTIVITY (IMA) Work Center Management/Documentation
- Attend FASO D-555-0043 IMA Production Control Procedures
- Obtain **6049, NALCOMIS Application Administrator/Analyst** MOS Skill Designator upon completion of either NALCOMIS Aviation Maintenance IMA Database Administrator/Analyst Pipeline (C-555-2015) or NALCOMIS Aviation Maintenance OMA Database Administrator/Analyst Pipeline (C-555-2016)
- Submit Warrant Officer package if desired (8 years)

PME:

- Attend Sergeant's Course (Resident)
- Complete MCI (7100) SNCO Career Distance Education Program
- Complete MCI 0112 Counseling for Marines
- Continue the Commandant's Reading List Program

Voluntary Education:

- Complete the Associate in Arts degree. This certification can be used in the future to attain a B.S. Emphasis in Business, Information Systems or SNM choice.

Duty:

- Recommend the following billet assignments:
 - At this point, Marine may cross train as the Analyst
 - Work at the MALS (I level maintenance)
 - Work at O level as squadron Analyst

Special Duty:

- Recommend one of the following special duty assignments:
 - Drill Instructor
 - Recruiter
 - Marine Security Guard
 - MOS Instructor ("A" or "C" School)

** If working as an analyst recommend attend prerequisite courses. Not all Sergeants will be able to work or adapt to being an analyst. Marine must attend C-school to obtain 6049 skill designator.*



6046/6049 Road Map

Staff Sergeant

**MOS: 6046, Aircraft Maintenance Administration Specialist
6049, NALCOMIS Application Administrator/Analyst**



If not previously:

- Attend FASO (516-0001) Aircraft Weight & Balance Course
- Attend FASO (555-0028) NALCOMIS System Administrator Course
- Attend FASO (D-555-0036) Naval Aviation O-Level Work Center Supervisor Course Legacy
- Attend FASO (D-555-0041) Intermediate Maintenance Activity Work Center Management
- Attend FASO (D-555-0045) Naval Aviation O-Level Work Center Supervisor Course Optimize
- Attend FASO (D-555-0049) NALCOMIS OOMA System Administrator Course
- Obtain **6049, NALCOMIS Application Administrator/Analyst** MOS Skill Designator upon completion of either NALCOMIS Aviation Maintenance IMA Database Administrator/Analyst Pipeline (C-555-2015) or NALCOMIS Aviation Maintenance OMA Database Administrator/Analyst Pipeline (C-555-2016)
- Submit Warrant Officer package if desired (8 years)

PME:

- Attend SNCO Career Course (Resident)
- Complete MCI (8200) SNCO Advanced Distance Education Program
- Complete MCI (606AP) Aviation Quality Assurance Supervisor
- Continue the Commandant's Reading List Program

Voluntary Education:

- Commence or complete Bachelors Degree in any of the following:
 - B.S. Professional Aeronautics
 - B.S. Aviation Maintenance Management
 - B.S. Management of Information Systems
 - B.S. Business Management
 - Marine's choice of desired degree
- Degree Completion Program

Duty:

- Recommend the following billet assignments:
 - Maintenance Administration SNCOIC
 - OMA NALCOMIS Analyst/Database Administrator
 - IMA NALCOMIS Analyst/Database Administrator

Special Duty:

- Recommend one of the following special duty assignments:
 - Drill Instructor
 - Recruiter
 - Marine Security Guard
 - MOS Instructor ("A" or "C" School)

** If working as an analyst, recommend attending C-school in order to obtain 6049 skill designator.*

6046/6049 Road Map

Gunnery Sergeant

**MOS: 6046, Aircraft Maintenance Administration Specialist
6049, NALCOMIS Application Administrator/Analyst**



If not previously:

- Attend FASO (516-0001) Aircraft Weight & Balance Course
- Attend FASO (555-0028) NALCOMIS System Administrator Course
- Attend FASO (D-555-0036) Naval Aviation O-Level Work Center Supervisor Course Legacy
- Attend FASO (D-555-0041) Intermediate Maintenance Activity Work Center Management
- Attend FASO (D-555-0045) Naval Aviation O-Level Work Center Supervisor Course Optimize
- Attend FASO (D-555-0049) NALCOMIS OOMA System Administrator
- Attend Naval Aviation Maintenance Training Unit NAMTRAU (C-600-3210) Senior Enlisted Aviation Maintenance (SEAM) Course (SEAM II if available)
- Obtain 6049, NALCOMIS Application Administrator/Analyst MOS Skill Designator upon completion of either NALCOMIS Aviation Maintenance IMA Database Administrator/Analyst Pipeline (C-555-2015) or NALCOMIS Aviation Maintenance OMA Database Administrator/Analyst Pipeline (C-555-2016)
- Submit Warrant Officer package if desired (8 years)

PME:

- Attend SNCO Advanced Course (Resident)
- Complete MCI (7400) War fighting Skills Distance Education Program
- Continue the Commandant's Reading List Program

Voluntary Education:

- Commence or complete Bachelors Degree in any of the following:
 - B.S. Professional Aeronautics
 - B.S. Aviation Maintenance Management
 - B.S. Management of Information Systems
 - B.S. Business Management
 - Marine's choice of desired degree
- Degree Completion Program

Duty:

- Recommend the following billet assignments:
 - Maintenance Administration SNCOIC
 - OMA NALCOMIS Analyst/Database Administrator
 - IMA NALCOMIS Analyst/Database Administrator
 - HQMC Aviation Analyst

Special Duty:

- Recommend one of the following special duty assignments:
 - "B" Billet (if not previously)
 - MOS Instructor ("A" or "C" School)

6046/6049 Road Map

Master Sergeant

**MOS: 6046, Aircraft Maintenance Administration Specialist
6049, NALCOMIS Application Administrator/Analyst**

- If not previously attended, complete FASO School's to compliment managerial skills for both 6046/6049 occupations respectively.
- Attend FASO (D-500-2025) Naval Aviation Maintenance Administration Management Training (AMAMT) Brief
- Attend FASO (D-555-0034) Naval Aviation Maintenance Officer Course
- Attend Naval Aviation Maintenance Training Unit NAMTRAU (C-600-3210) Senior Enlisted Aviation Maintenance (SEAM) Course (SEAM II under development)

PME:

- Attend E-8 Seminar
- Continue the Commandant's Reading List Program

Voluntary Education:

- Commence Masters Degree in any of the following:
 - M.S. Aeronautical Science
 - M.S. Management
 - M.S. Technical Management
 - M.S. Technical Management Occupational Safety

Duty:

- Recommend the following duty assignments:
 - Wing Maintenance Administration / Analyst representative
 - MALS Maintenance Administration SNCOIC
 - CNAP Inspection Team
 - CNAL Inspection Team

Special Duty:

- Recommend one of the following special duty assignments:
 - SNCOIC MOS "C" School
 - Wing ALMAT



6046/6049 Road Map

Master Gunnery Sergeant

**MOS: 6046, Aircraft Maintenance Administration Specialist
6049, NALCOMIS Application Administrator/Analyst**

- If not previously attended, complete FASO School's to compliment managerial skills for both 6046/6049 occupations respectively.
- If not previously, attend FASO (D-555-0034) Naval Aviation Maintenance Officer Course
- Attend Naval Aviation Maintenance Training Unit NAMTRAU (C-600-3210) Senior Enlisted Aviation Maintenance (SEAM) Course (SEAM II under development)

PME:

- Attend E-9 Seminar
- Attend Russell Leadership Conference
- Continue the Commandant's Reading List Program

Voluntary Education:

- Commence Masters Degree in any of the following:
 - M.S. Aeronautical Science
 - M.S. Management
 - M.S. Technical Management
 - M.S. Technical Management Occupational Safety
 - M.S. Management of Information Systems

Duty:

- Recommend the following duty assignments:
 - Wing Maintenance Administration SNCOIC
 - MAFORPAC/LANT Analyst
 - HQMC Aviation Analyst

Special Duty:

- Recommend one of the following special duty assignments:
 - Wing ALMAT



6046/6049 Road Map



Aviation Maintenance Degrees

*The following degrees are available through the
Navy College Program Distance Learning Partnership
with Embry-Riddle Aeronautical University*

A.S. Aircraft Maintenance:

Occupational Specialty: Any MOS

Degree Requirements: 63

Technical Core: (30 Semester Hours)

General Aeronautics and Applications	3
Aircraft Electrical Systems Theory	3
Airframe Structures and Applications	4
Airframes Systems and Applications	3
Power Plant Theory and Applications	4
Aircraft Propulsion and Applications	4

Technical Electives: (9 Semester Hours)

Aviation Maintenance,	
Aeronautical Science,	
Avionics Technology,	
Management,	
Computer Science, and	
Electrical Engineering or	9
Aircraft Maintenance Practicum and	
Advanced Aircraft Maintenance Practicum	9

General Education: (33 Semester Hours)

Communication Theory and Skills	3
Lower Level Humanities	3
Lower Level Social Sciences	6
Introduction to Computer Based Systems or	
Introduction to Computers and Applications	3
Principles of Management	3
College Mathematics for Aviation or	
Quantitative Methods I or	
College Algebra	3
College Mathematics for Aviation II or	
Statistics with Aviation Applications or	
Business Statistics	3
Explorations in Physics	3

Degree Summary:

Technical Core	30
Technical Electives	9
General Education	33

A.S. Professional Aeronautics:

Occupational Specialty: Any MOS

Degree Requirements: 60

Technical Core: (18 Semester Hours)

History of Aviation,	
Aeronautical Science,	
Aviation Maintenance,	
Air Traffic Control,	
Safety, and	
Management	18

Technical Electives: (9 Semester Hours)

Aviation Legislation	3
Principles of Management	3
Microeconomics	3

General Education: (27 Semester Hours)

Communication Theory and Skills	9
Lower Level Humanities	3
Lower Level Social Science	3
Introduction to Computer Based Systems or	
Introduction to Computers and Applications or	
Computer Science	
College Algebra	3
Statistics with Aviation Applications or	
Business Statistics	3
Explorations in Physics	3

Open Electives: (12 Semester Hours) 12

Degree Summary:

Technical Core	18
Technical Electives	9
General Education	27
Open Electives	12

All of the Degree Completion Courses described herein are available through the Navy College Program Distance Learning Partnership with Embry-Riddle Aeronautical University in Distance Learning (Online) and Resident Learning (Campus) formats. Most campus locations are within the vicinity of Marine Corps Bases/Stations.

6046/6049 Road Map



Recommended ACE Accreditations

It is at the discretion of the College/University to recognize course accreditation during the application process for a degree.

Military Education:

Title	Military ID	ACE ID	Credits	Level
Recruit Training	808	MC-2204-0038	8	Lower
Aviation Maintenance Admin Class A1	C-555-2010	NV-1409-0011	8	Lower
MCI Personal Finance	3420E	MC-1401-0009	1	Lower
MCI Fundamentals of USMC Leadership	033N	MC-1406-0023	1	Lower
Corporal's Course (Resident)	L9K	MC-1405-0051	4	Lower
Sergeant's Course (Resident)	T4M	MC-2204-0143	7	Lower
MCI Sergeants Distance Education	8010	MC-2204-0127	7	Lower
SNCO Career Course (Resident)	T8A	MC-2204-0140	7	Lower
SNCO Career Distance Education	7100	MC-2204-0139	4	Lower
SNCO Advanced Course (Resident)	T8H	MC-2204-0076	9	Lower
SNCO Advanced Distance Education	8200	MC-2204-0142	3	Lower
MCI War fighting Skills Program	7400	MC-2204-0112	2	Lower
MCI Aviation Maintenance NCO	6001A	MC-1704-0010	3	Lower
MCI Aviation Maintenance W/C Supervisor	605	MC-1406-0042	2	Vocational
MCI Aviation Quality Assurance Supervisor	606A	MC-1405-0047	1	Lower
Drill Instructor School	81E	MC-1406-0036	8	Lower
Recruiter School	81C	MC-0327-0001	5	Lower
Marine Security Guard School	81H	MC-1728-0006	4	Lower
Classroom Instructor (MOS) School	A-012-0077	NV-1406-0044	3/3	Lower/Upper
FASO Naval Aviation Logs and Records	D/E-555-0039	NV-1408-0046	2	Lower
FASO Naval Aviation Maintenance Control	D/E-555-0040	NV-1408-0047	2	Lower
FASO Naval Aviation Production Control	D/E-555-0043	NV-1402-0259	2	Lower
FASO NALCOMIS System Administrator	D/E 555-0028	NV-1402-0261	3	Lower
FASO NALCOMIS Data Base Administrator	D/E 555-0035	NV-1402-0259	2	Lower
FASO IMA Data Base SA/Analyst	C-555-2012	NV-1402-0230	2	Lower
FASO OMA Data Base SA/Analyst	C-555-2013	NV-1402-0231	2	Lower

Military Skills:

Description	Military ID	ACE ID	Credits	Level
Level III ITSS MATMEP (SSgt)	6046	MCE-6046-001	3/5	Lower/Upper
Level IV ITSS MATMEP (GySgt)	6046	MCE-6046-001	5/8	Lower/Upper
NALCOMIS Application Administrator/Analyst	6049	MCE-6049-001		Pending

In the accreditation process:

- *Military education may be primarily accredited toward Elective Credit Hours (General Education).*
- *Military skills may be primarily accredited toward Technical Credit Hours (Core Education).*

6046/6049 Road Map