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Chief of Naval Operations

REQUEST FOR APPROVAL TO DISTRIBUTE DRAFT NAVY TRAINING
SYSTEMS PLAN (NTSP) FOR THE MARINE CORPS MINIMUM OPERATING
STRIP LIGHTING SYSTEM (MOSLS), N88-NTSP-A-50-9802/A

(a) OPNAVINST 1500.76

1. Subject NTSP is approved and forwarded per reference (a).
2. Subsequent NTSP review will examine both the effectiveness and efficiency of training outlined in this document.
3. OPNAV point of contact is AZC (AW) M. S. Dean (N889H7), DSN 664-7714, Comm: (703) 604-7714.

Chris Bowker USN
A. M. VANDENBERG
Commander, U.S. Navy
Head, Aviation Technical Training Section

Distribution: (one copy unless otherwise indicated)

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FT13 (NATTC) Pensacola
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APPROVED

NAVY TRAINING SYSTEM PLAN

FOR THE

MARINE CORPS MINIMUM OPERATING

STRIP LIGHTING SYSTEM

N88-NTSP-A-50-9802/A

NOVEMBER 1999

MARINE CORPS MINIMUM OPERATING STRIP LIGHTING SYSTEM

EXECUTIVE SUMMARY

This Proposed Navy Training System Plan for the Marine Corps Minimum Operating Strip Lighting System (MOSLS) was developed by the Naval Air Systems Command using the Navy Training Requirements Documentation Manual. It provides an estimate of the manpower, personnel, and training requirements required to support the MOSLS. The MOSLS is currently in Phase III (Production, Development, and Operational Support) of the Weapon System Acquisition Process.

The MOSLS is a fully self-contained, portable, rapidly deployable, stand alone, emergency and contingency airfield lighting and landing aids system. Marine Wing Support Groups, in support of Marine Corps Expeditionary Airfield operations responding to regional contingencies, employ the MOSLS. MOSLS is designed to be operated day or night, and is compatible with night vision goggles. The individual components of the MOSLS can be operated manually, or via a remote control unit. Marine Corps Aircraft Recovery Specialists (MCARS) with Military Occupational Specialty (MOS) 7011 operate the MOSLS.

The maintenance plan for the MOSLS is based on three levels of maintenance, organizational, intermediate, and depot. The objectives of the maintenance plan are to prevent deterioration of inherent system reliability, and assure operative safety of the equipment and the aircraft it supports with minimum expenditure of maintenance and support resources. Organizational level personnel perform all scheduled maintenance and all repairs to the MOSLS, with the exception of maintenance actions requiring soldering, repairs to printed circuit boards, and extensive engine repairs. MCARS with MOS 7011 perform all scheduled maintenance actions and repairs to the MOSLS. No increase of MCARS with MOS 7011 is required to operate or maintain the MOSLS.

Naval Air Warfare Center Aircraft Division Lakehurst, New Jersey, engineering and contractor personnel will conduct formal initial MOSLS operator and maintenance training at Naval Air Technical Training Center (NATTC) Pensacola, Florida, in June 1999.

Follow-on training for MOSLS will be accomplished by adding MOSLS operator and maintenance information to the existing Marine Expeditionary Airfield Equipment course, C-604-2015. No increase in course length is anticipated. The Ready For Training date of the updated course is October 1999.

MARINE CORPS MINIMUM OPERATING STRIP LIGHTING SYSTEM

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MARINE CORPS MINIMUM OPERATING STRIP LIGHTING SYSTEM

LIST OF ACRONYMS

CIN	Course Identification Number
CMC	Commandant of the Marine Corps
CNET	Commander Naval Education and Training
CNO	Chief of Naval Operations
FCTP	Foreign Comparative Test Program
FY	Fiscal Year
ILSP	Integrated Logistics Support Plan
MCALF	Marine Corps Auxiliary Landing Field
MCARS	Marine Corps Aircraft Recovery Specialist
MCCDC	Marine Corps Combat Development Command
MCEA	Marine Corps Expeditionary Airfield
MEAEC	Marine Expeditionary Airfield Equipment Course
MOS	Military Occupational Specialty
MOSKIT	Minimum Operating Strip Lighting Kit
MOSLS	Minimum Operating Strip Lighting System
MSU	Master Switching Unit
MWSS	Marine Wing Support Squadron
NA	Not Applicable
NATO	North Atlantic Treaty Organization
NATTC	Naval Air Technical Training Center
NAVAIRSYSCOM	Naval Air Systems Command
NAVICP	Navy Inventory Control Point
NAVPERSCOM	Naval Personnel Command
NAWCADLKE	Naval Air Warfare Center Aircraft Division Lakehurst
NTSP	Navy Training System Plan
NVG	Night Vision Goggle
OPO	OPNAV Principal Official
ORD	Operations Requirement Document
OREL	Omni-directional Runway Edge Light
PMA	Program Manager, Air
PAPI	Precision Approach Path Indicator

MARINE CORPS MINIMUM OPERATING STRIP LIGHTING SYSTEM

LIST OF ACRONYMS

RAF	British Royal Air Force
RFT	Ready For Training
SALKIT	Supplemental Airfield Lighting Kit
TAC	Tactical
TD	Training Device
TTE	Technical Training Equipment
UAL	Uni-directional Approach Light

MARINE CORPS MINIMUM OPERATING STRIP LIGHTING SYSTEM

PREFACE

This Approved Navy Training System Plan (NTSP) for the Marine Corps Minimum Operating Strip Lighting System (MOSLS) updates the Draft NTSP, A-50-9802/D, of October 1998. Specific changes to this NTSP are as follows:

- Updated to comply with guidelines set forth in the Navy Training Requirements Documentation Manual, Office of the Chief of Naval Operations (OPNAV) Publication P-751-1-9-97.
- Updated manpower.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. Nomenclature-Title-Acronym. Marine Corps Minimum Operating Strip Lighting System (MOSLS)

2. Program Element. 0603512N

B. SECURITY CLASSIFICATION

- 1. System Characteristics** Unclassified
- 2. Capabilities** Unclassified
- 3. Functions**..... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N885F)
- OPO Resource Sponsor CNO (N885F)
- Marine Corps Program Sponsor..... CMC (ASL-45)
- Developing Agency..... NAVAIRSYSCOM (PMA251)
- Training Agency MCCDC (C462)
CNET (ETE323)
- Training Support Agency NAVAIRSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor CNO (N12)
NAVPERSCOM (NPC-4, NPC-404)
CMC (ASM-1)
- Director of Naval Training CNO (N7)
- Manpower Structure Management MCCDC (C5325A)

D. SYSTEM DESCRIPTION

1. Operational Uses. The MOSLS is a portable lighting and landing aid system designed to be employed by a Marine Wing Support Group to support Marine Corps Expeditionary Airfield (MCEA) operations responding to regional contingencies. It can be rapidly deployed by a minimum number of Marines in support of the following Marine Corps mission areas:

- Early conflict phase airfield lighting, prior to the time a full-scale MCEA is operational
- Emergency back-up airfield lighting for a non-MCEA
- Night Vision Goggle (NVG) operability at a MCEA
- Enhanced covert rotary and fixed-wing aircraft operability

Offensive air support and anti-air warfare mission areas utilize aircraft, which operate from MCEAs, host nation airfields, taxiways, highways, and other unconventional surfaces. The MOSLS can be installed on any acceptable airfield surface for day or night operations, including NVG capability, in less than one hour.

2. Foreign Military Sales. Several North Atlantic Treaty Organization (NATO) countries currently use a version of the MOSLS. Information concerning possible future Foreign Military Sales of the MOSLS may be obtained from the Expeditionary Airfield Integrated Program Team Leader, PMA251, Naval Air Systems Command (NAVAIRSYSCOM).

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. Since the MOSLS is a non-developmental procurement item, no developmental testing is required. In August 1992, the British Royal Air Force (RAF) provided a demonstration evaluation to determine if the existing RAF version of the MOSLS was suitable to fill the requirements for MCEA lighting. In March 1997, as part of the Foreign Comparative Test Program (FCTP), a Logistics Evaluation and demonstration was conducted at Marine Corps Auxiliary Landing Field (MCALF), Bogue, North Carolina. This included two weeks of initial training provided by RAF and contractor personnel to Marine Expeditionary Airfield Equipment Course (MEAEC) school instructors, Naval Air Warfare Center Aircraft Division Lakehurst (NAWCADLKE) engineering and logistics personnel, and Marine Wing Support Squadron Two Seven One (MWSS-271) personnel. The FCTP also included aircraft compatibility tests with regards to Visual Landing Aids and transportation purposes, a complete install, maintain, and a disassemble-reassemble demonstration. The RAF version of the MOSLS satisfied all requirements of the Operational Requirements Document (ORD).

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. Not Applicable (NA)

G. DESCRIPTION OF NEW DEVELOPMENT. A complete MOSLS system consists of two Minimum Operating Strip Lighting Kits (MOSKIT) and three Supplemental Airfield Lighting Kits (SALKIT). Each kit has its own trailer, battery chargers, and auxiliary equipment necessary for a self-contained system that requires minimum support.

1. Functional Description

a. Minimum Operating Strip Lighting Kit. The MOSKIT is a fully self-contained, portable, rapidly deployed, stand alone, emergency and contingency airfield lighting system. It is designed for day or night operation and is compatible with NVGs. The individual components of the MOSKIT can be operated manually or through a remote control unit. All components of the MOSKIT are water-resistant and can be operated in moderately heavy rain, sleet, or snow. The component parts of the MOSKIT are described below.

(1) Trailer Assembly. All of the components of the MOSKIT are fully self-contained in the trailer assembly. The trailer assembly consists of a chassis with compartment doors, running gear assembly, parking brake assembly, levelers, towing provisions, a spare tire, and provisions for attaching and supporting all the other components of the MOSKIT.

(2) Tactical Precision Approach Path Indicator. The Tactical Precision Approach Path Indicator (TAC PAPI) consists of two one-person portable units used to aid pilots in safely landing their aircraft. The TAC PAPI communicates glideslope information to the pilot using combinations of red and white lights. Each unit has an inclinometer to facilitate glideslope settings. A generator through a hard wire connection provides electrical power for the TAC PAPI.

(3) Night Vision Goggle Precision Approach Path Indicator. The NVG PAPI is used to communicate glideslope information to pilots using night vision goggles. It consists of four one-person portable battery powered units. Each NVG PAPI unit emits either steady or flashing lights, primarily in the infrared spectrum.

(4) Uni-directional Approach Light. The MOSKIT contains three Uni-directional Approach Lights (UAL). Two lights are used to help the pilot line up their aircraft with the centerline of the runway, while the third light is retained as a spare. A generator through a hard wire connection provides electrical power for the UAL.

(5) Omni-directional Runway Edge Light. Omni-directional Runway Edge Lights (OREL) provide the pilot with a visual definition of the perimeter of the airfield. They also assist the pilot in lining up their aircraft during final approach. There are eighteen ORELS in each MOSKIT.

(6) Generator Set. The MOSKIT includes two diesel-powered generators. One generator is used to provide electrical power for the MOSKIT operations and battery recharging. The other generator provides system redundancy for improved availability. Each generator provides 2.0 kilowatts of power and 240 volts of alternating current.

(7) Cable Assembly. MOSKIT components having relatively high electrical power requirements are connected to the generator by electrical cables. The cable assemblies have fail-safe connectors to ensure cables are connected to the proper component. Cables are also designed to operate safely in two to three inches of standing water.

(8) Power Cable Reel. The power cable reel is used to reel-in and reel-out the long cable runs necessary for proper installation of the MOSKIT. The power cable reel is design integral with the MOSKIT trailer and includes a safety interlock to prevent operator injury.

(9) Battery Charger. The battery charger is used to recharge the batteries in the ORELS, NVG PAPIs, Master Switching Units (MSU), and pedometer. The battery charger is integral with the MOSKIT trailer.

(10) Pedometer. The pedometer is a distance-measuring device used to aid in laying out components of the MOSKIT along an airfield. It is battery powered and attached to the front of the MOSKIT trailer. The pedometer uses a system of lights to communicate distance traveled by the MOSKIT trailer, and can be set to give visual indications at several different distances.

(11) Master Switching Unit. The MSU is a device used to remotely control all major operational functions of a deployed MOSKIT. It can turn the ORELS, TAC PAPIs, NVG PAPIs and UALs on and off. It can also set the light intensity of the ORELS UALs, and TAC PAPIs. The MSU is a one-hand portable unit weighing less than three pounds.

(12) Omni-directional Runway Edge Light Base and Base Mounting Kit (Drill Set). When deploying the MOSKIT, the ORELS, UALs, TAC PAPIs, and NVG PAPIs can either be placed on level ground, or mounted to the ground using base plates, mounting screws, and the drill set. The bases can be mounted onto concrete, macadam, or similar surfaces. Bases have a high strength, Velcro-like surface that mates with the corresponding material on the bottom of the OREL and UAL enabling components to “stick” to the mounted base plate. A “keyed” base that mates with a corresponding plate on the bottom of the PAPI enables the PAPI to be secured to the base plate.

b. Supplemental Airfield Lighting Kit. The SALKIT consists of a trailer containing 64 ORELS used as additional lighting for runways, taxiways, and parking areas. All components can be remotely controlled by radio signal using a hand-held MSU.

(1) Supplemental Airfield Lighting Kit Trailer. The SALKIT Trailer utilizes the same trailer chassis as the MOSKIT, however, it only has provisions for carrying ORELS. The SALKIT Trailer does not contain an integral generator or cable reel.

(2) Omni-directional Runway Edge Light. The OREL used in the SALKIT is identical to that used in the MOSKIT. Blue lenses are provided for taxiway lighting.

2. Physical Description

NOMENCLATURE/EQUIPMENT	DIMENSIONS H x W x L (inches)	WEIGHT (pounds)
MOSKIT Trailer Assembly	70.8 x 146.8 x 64.6	3,435
Tactical Precision Approach Path Indicator	16.7 x 16.1 x 23.6	31
Night Vision Goggle Tactical Precision Approach Path Indicator	16.7 x 12.5 x 19.0	23
Uni-directional Approach Light	12.0 x 7.7 x 7.7	14
Omni-directional Runway Edge Light	12.0 x 7.7 x 7.7	16
Generator Set	22.0 x 16.0 x 30.0	140
Battery charger	10.5 x 19.0 x 14.0	95
Master Switching Unit	12.0 x 3.2 x 2.7	2.5
SALKIT Trailer	70.8 x 146.8 x 64.6	3650

3. New Development Introduction. MOSLS is being introduced as new production to MWSSs over a period of four years.

4. Significant Interfaces. NA

5. New Features, Configurations, or Material. NA

H. CONCEPTS

1. Operational Concept. Marine Corps Aircraft Recovery Specialist (MCARS), with Military Occupational Field (MOS) 7011, operate the MOSLS. Operation of MOSLS consists of turning on and off portable runway and taxiway lights, TAC PAPIs, and NVG PAPIs. MOSLS can be operated either manually or remotely. When operated manually a total of four operators are required. When operated remotely, one operator controls the entire operation.

2. Maintenance Concept. The maintenance concept for the MOSLS is based on two levels of maintenance, organizational and intermediate. The objective of the MOSLS maintenance plan is to prevent deterioration of inherent system reliability, and assure operative safety of the equipment and the aircraft it supports with minimum expenditure of maintenance and support resources. MCARS with MOS 7011 perform all organizational level scheduled maintenance and

repairs of the MOSLS. Intermediate level personnel perform all maintenance actions requiring soldering, repairs to circuit boards, and extensive engine repairs. There are no scheduled depot level maintenance actions associated with the maintenance of MOSLS.

a. Organizational. Organizational level maintenance consists of preventive and corrective maintenance actions. Additionally, since MOSLS is designed as a rapidly deployable system, unpacking, set-up, breakdown, and repacking of the MOSLS is considered an organizational level maintenance function.

(1) Preventive Maintenance. Organizational level personnel perform all required preventive maintenance of the MOSLS, including performing visual inspections, standard serviceability tests, cleaning TAC PAPI lenses, and lubricating trailer chassis and generator set engines.

(2) Corrective Maintenance. Organizational level personnel perform all repairs to the MOSLS, except those requiring soldering, repairs to printed circuit boards, and extensive engine maintenance. Repairs consist of removal and replacement of subassemblies and piece parts, system adjustments, system alignments, and serviceability testing.

b. Intermediate. The nearest Marine Aviation Logistics Squadron provides intermediate level maintenance of the MOSLS. Intermediate level repair actions consist of all maintenance actions beyond the capability of organizational level maintenance and those actions that must be performed in a workshop environment.

c. Depot. Depot scheduled maintenance is not required for the MOSLS. However, the Original Equipment Manufacture (OEM) is providing depot level maintenance support on a case-by-case basis for maintenance actions such as trailer chassis repair or modification and optical alignment.

d. Interim Maintenance. NA

e. Life-Cycle Maintenance Plan. There is no singular Life-Cycle Maintenance Plan encompassing the many pieces of equipment that make up the MOSLS. Each system component failure is repaired or replaced as the failure occurs, thus maintaining the MOSLS in a constant state of maximum readiness.

3. Manning Concept. Qualitative and quantitative manpower requirements for the MOSLS are driven by the total workload associated with Marine Wing support of expeditionary airfield operations. The introduction of the MOSLS did not cause a change to current MWSS manpower requirements.

4. Training Concept. The overall objective of the training program is to provide selected Marine Corps personnel the training required to operate and maintain the MOSLS. This is being accomplished by integrating MOSLS into the existing MEAEC training.

a. Initial Training. Informal initial operator and maintenance training for the MOSLS was part of the Logistics Evaluation and Maintainability Demonstration conducted during a two-week period at MCALF Bogue in March 1997, by RAF and contractor personnel. The training was presented to MEAEC instructors, NAWCADLKE engineering and logistics personnel, and MWSS-271 personnel. Formal initial operator and maintenance training will be conducted at Naval Air Technical Training Center (NATTC) Pensacola, Florida, in June 1999.

Title **Formal Initial MOSLS Operator and Maintenance Training**

Description Provide NATTC Pensacola instructors, NAWCADLKE field representatives, and personnel from various MOSLS installed sites with the information required to update existing MEAEC C-604-2015 to include the operation and maintenance of MOSLS.

Location NATTC Pensacola

Length 5 days

RFT date June 1999

TTE/TD Equipment used for this training will be a complete MOSLS, which will remain at the site of this formal initial training as deployable equipment. No Training Device (TD) will be required.

Prerequisites MEAEC C-604-2015

b. Follow-on Training. Follow-on training for the MOSLS will be accomplished by adding MOSLS operator and maintenance information to the existing MEAEC C-604-2015. The course will be updated in-house at NATTC Pensacola, by the instructor personnel who have attended formal initial training. No change in course length is anticipated.

Title **Marine Expeditionary Airfield Equipment**

CIN C-604-2015

Model Manager .. NATTC Pensacola

Description Provides selected Marine Corps personnel with technical instruction in the installation, operation, maintenance, inspection, and field testing procedures of MCEA components and aircraft recovery equipment.

Location NATTC Pensacola

Length 41 days

RFT date October 1999

Skill identifier MOS 7011

TTE/TD TTE consists of one MOSKITs and one SALKIT. Refer to part IV.A.1 of this NTSP for detailed information.

Prerequisites None

c. Student Profile

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
MOS 7011	° None

d. Training Pipelines. No new training pipelines were required to support the MOSLS. No changes are required to the existing course lengths due to the MOSLS.

I. ON-BOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development. NA

2. Personnel Qualification Standards. NA

3. Other On-Board or In-Service Training Packages. Marine Corps on-board training is based on the current series of MCO P3500.12P, Volume VII Training and Readiness Manual. This program is designed to meet Marine Corps, as well as Navy Office of the Chief of Naval Operations Instruction 4790.2G, maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. Maintenance Training Improvement Program questions coupled to Marine Training Management Evaluation Program tasks will help identify training deficiencies that can be addressed with refresher training.

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers. The contract N68335-98-D-0052 for procurement of MOSKITS and SALKITS has been awarded to Metalite Aviation Lighting, a Division of Metalline International LTD, Winster Grove, Great Barr, Birmingham B44 9EJ, United Kingdom.

2. Program Documentation. An Integrated Logistics Support Plan (ILSP), NAWCADLKE I85093002, was revised and approved in May 1997. ORD 464-88-97, published by the Marine Corps Combat Development Command (MCCDC), Quantico, Virginia, was revised

and approved on 5 June 1997. The Users Logistics Support Summary (ULSS), NAWCADLKE U85099002, was published on 29 January 1999.

3. Technical Data Plan. Technical manuals associated with MOSLS consist of organizational and intermediate level Maintenance Manuals with Illustrated Parts Breakdown. These manuals along with the Maintenance Index Page and associated Maintenance Requirement Cards will be printed and distributed by NAWCADLKE in fourth quarter FY99. Refer to part IV.B.3 of this NTSP for specific technical data information.

4. Test Sets, Tools, and Test Equipment. Basic metric tools to support the MOSLS are being supplied via a tool kit sent out to each installation. No special test set or test equipment are required to support the MOSLS.

5. Repair Parts. Navy Inventory Control Point (NAVICP) Philadelphia, Pennsylvania provides supply support for the MOSLS. Other Inventory Control Points or Defense Logistics Agencies may be assigned supply support responsibilities by NAVICP for certain assemblies and commodities under their cognizance. A majority of the MOSLS components are currently cataloged through the NATO Supply System. Consumable spares, repairable assemblies, and any parts not already in the NATO Supply System will be added to the NATO inventory.

Interim spare and repair parts that are required to support the MOSLS prior to the estimated Material Support Date of September 2000 are the responsibility of NAWCADLKE.

6. Human Systems Integration. The MOSLS is a non-developmental program; however, every effort will be made to ensure human systems integration factors are considered in the manufacturing process. As a minimum MOSLS includes:

- Physical measures to preclude interchange of units or components of the same or similar form that are not functionally interchangeable
- Physical measures to preclude improper mounting of units or components
- Measures (e.g., coding) to facilitate identification of interchangeable units or components
- Measures to ensure that identification, orientation, and provisions include cables and connectors
- Physical measures to facilitate scheduled and unscheduled maintenance

K. SCHEDULES

1. Installation and Delivery Schedules. One MOSLS consists of two MOSKITs and three SALKITs. Since both the MOSKITs and SALKITs are completely self-contained mobile units, no installation is required. One MOSLS was obtained early for the FCTP, and TTE, consisting of one MOSKIT and one SALKIT, is currently at NATTC Pensacola. A total of 12

MOSLS are being procured. In addition, 4 MOSKITs and 4 SALKITs are being procured and used as individual units. The manufacturing schedule is as follows:

YEAR	MOSKIT	SALKIT
FY98	1	4
FY99	22	2
FY00	0	24
FY01	5	10

The delivery schedule by activity for the MOSLS is as follows:

ACTIVITY	MOSKIT #1	MOSKIT #2	SALKIT #1	SALKIT #2	SALKIT #3
NATTC Pensacola	May 98	-----	May 98	-----	-----
MWSS-171 Iwakuni, Japan	Feb 99	Jun 99	Oct 99	Apr 00	Feb 01
MWSS-172 Futenma, Okinawa	Mar 99	Jul 99	Nov 99	May 00	Mar 01
MWSS-271 (T) Bogue	Oct 98				
MWSS-271 (C) Bogue	Nov 98	Nov 98	Sep 99	Feb 00	Aug 00
MWSS-272 New River	Dec 98	Dec 98	Sep 99	Mar 00	Aug 01
MWSS-273 Beaufort	Apr 99	Aug 99	Jan 00	Jun 00	Jun 01
MWSS-274 Cherry Point	Mar 99	Jul 99	Dec 99	May 00	Apr 01
MWSS-371 Yuma	Feb 99	Jun 99	Nov 99	Apr 00	Mar 01
MWSS-372 Camp Pendleton	May 99	Aug 01	Feb 00	Jul 00	Jul 00
* MWSS-373 Miramar	Apr 99	Aug 99	Dec 99	Jun 00	Apr 01
MWSS-374 Miramar	May 99	Jul 01	Jan 00	Jul 00	Jun 01
MWSS-471 Fort Worth	Aug 01	-----	Oct 01	-----	-----
MWSS-472 Marietta	Sep 01	-----	Oct 01	-----	-----

ACTIVITY	MOSKIT #1	MOSKIT #2	SALKIT #1	SALKIT #2	SALKIT #3
MWSS-474 Willow Grove	Sep 01	-----	Nov 01	-----	-----
AGSE, 29 Palms	Jan 99	Jan 99	Oct 99	Mar 00	Feb 01

* **Note:** MWSS-373 is scheduled to relocate to Miramar from El Toro by July 1999.

2. Ready For Operational Use Schedule. The MOSLS is Ready For Operational Use upon delivery.

3. Time Required to Install at Operational Sites. The MOSLS is a fully self-contained, portable system that can be transported by aircraft, ship or truck to the desired operating location and be fully deployed in less than one hour, by not more than five Marines.

4. Foreign Military Sales and Other Source Delivery Schedule. NA

5. Training Device and Technical Training Equipment Delivery Schedule. No TDs are required to support the MOSLS. TTE consisting of one MOSKIT and one SALKIT is currently at NATTC Pensacola. There may be a requirement to upgrade some of the components of the TTE to conform to the latest configuration of system being manufactured.

L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
Integrated Logistics Support Plan for the Minimum Operating Strip Lighting System	ILSP-I85093002	PMA251	Approved May 97
Operational Requirements Document for the Minimum Operating Strip Lighting System	ORD-464-88-97	MCCDC-C44	Approved Jun 97
The Users Logistics Support Summery	ULSS-U85099002	PMA251	Approved Jan 99

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the MOSLS and, therefore, are not included in Part II of this NTSP:

II.A. Billet Requirements

II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule

II.A.2.b. Billets to be deleted in Operational and Fleet Support Activities

II.A.2.c. Total Billets to be deleted in Operational and Fleet Support Activities

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: PMA251

DATE: 3/1/99

ACTIVITY, UIC	PFYS	CFY99	FY00	FY01	FY02	FY03
FLEET SUPPORT ACTIVITIES - USMC						
Aviation Dept HQMC	00027	1	0	0	0	0
H&HS MCAS Beaufort	45481	1	0	0	0	0
H&HS MCAS Cherry Point	42565	1	0	0	0	0
HQ, 2ND MAW	67876	1	0	0	0	0
HQ, 4TH MAW	82191	1	0	0	0	0
HQ, MWSG-27	00275	1	0	0	0	0
HQ, MWSG-47	08202	1	0	0	0	0
MWSS-271 Bogue	09034	1	0	0	0	0
MWSS-272 New River	09508	1	0	0	0	0
MWSS-273 Beaufort	09017	1	0	0	0	0
MWSS-274 Cherry Point	52845	1	0	0	0	0
MWSS-472 Marietta	48044	1	0	0	0	0
MWSS-474 Willow Grove	48048	1	0	0	0	0
H&HS MCAS El Toro (See note 1)	09111	1	0	0	0	0
MWSS-373 El Toro (See note 1)	09023	1	0	0	0	0
H&HS MCAS Futenma	63026	1	0	0	0	0
H&HS MCAS Iwakuni	62613	1	0	0	0	0
H&HS MCAS Yuma	62974	1	0	0	0	0
HQ, 1ST MAW	57079	1	0	0	0	0
HQ, 3RD MAW	57081	1	0	0	0	0
HQ, MARFORPAC	67025	1	0	0	0	0
HQ, MWSG-17	09486	1	0	0	0	0
HQ, MWSG-37	09314	1	0	0	0	0
MTN Warfare Training Center	67399	1	0	0	0	0
MWSS-171 Iwakuni	09252	1	0	0	0	0
MWSS-172 Futenma	09494	1	0	0	0	0
MWSS-371 Yuma	09236	1	0	0	0	0
MWSS-372 Camp Pendleton	09500	1	0	0	0	0
MWSS-374 Miramar	09246	1	0	0	0	0
MWSS-471 Fort Worth	48041	1	0	0	0	0
MWSS-473 Miramar	67818	1	0	0	0	0
TOTAL:		31	0	0	0	0

Note 1: MWSS-373 EL Toro and H&HS MCAS EL Toro will move to MCAS Miramar in July 1999. Future updates of this NTSP will reflect those changes.

Note 2: This is not a MOSLS delivery schedule. The above activities are activities manned with Marine Corps personnel holding MOS 7011. The training course for attainment of MOS 7011 will include MOSLS training.

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETTS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FLEET SUPPORT ACTIVITIES - USMC					
Aviation Dept HQMC, 00027					
USMC	0	1	MGYSGT	7011	
ACTIVITY TOTAL:	0	1			
H&HS MCAS Beaufort, 45481					
USMC	0	1	GYSGT	7011	
	0	2	SGT	7011	
	0	1	SSGT	7011	9954
ACTIVITY TOTAL:	0	4			
H&HS MCAS Cherry Point, 42565					
USMC	0	1	GYSGT	7011	
	0	7	LCPL	7011	
	0	1	SGT	7011	
	0	1	SSGT	7011	
ACTIVITY TOTAL:	0	10			
HQ, 2ND MAW, 67876					
USMC	0	1	MSGT	7011	
ACTIVITY TOTAL:	0	1			
HQ, 4TH MAW, 82191					
SMCR	0	1	MSGT	7011	
ACTIVITY TOTAL:	0	1			
HQ, MWSG-27, 00275					
USMC	0	1	GYSGT	7011	
ACTIVITY TOTAL:	0	1			
HQ, MWSG-47, 08202					
SMCR	0	1	GYSGT	7011	
ACTIVITY TOTAL:	0	1			
MWSS-271 Bogue, 09034					
USMC	0	9	CPL	7011	
	0	1	GYSGT	7011	
	0	16	LCPL	7011	
	0	1	MSGT	7011	
	0	6	SGT	7011	
	0	3	SSGT	7011	
ACTIVITY TOTAL:	0	36			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MWSS-272 New River, 09508					
USMC	0	2	CPL	7011	
	0	1	GYSGT	7011	
	0	5	LCPL	7011	
	0	1	SGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	11			
MWSS-273 Beaufort, 09017					
USMC	0	9	CPL	7011	
	0	1	GYSGT	7011	
	0	16	LCPL	7011	
	0	1	MSGT	7011	
	0	6	SGT	7011	
	0	3	SSGT	7011	
ACTIVITY TOTAL:	0	36			
MWSS-274 Cherry Point, 52845					
USMC	0	2	CPL	7011	
	0	1	GYSGT	7011	
	0	5	LCPL	7011	
	0	1	SGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	11			
MWSS-472 Marietta, 48044					
USMC	0	1	CPL	7011	
	0	1	SSGT	7011	
AR	0	1	CPL	7011	
	0	1	SGT	7011	
SMCR	0	1	GYSGT	7011	
	0	5	LCPL	7011	
	0	1	SSGT	7011	
ACTIVITY TOTAL:	0	11			
MWSS-474 Willow Grove, 48048					
USMC	0	1	CPL	7011	
	0	1	SSGT	7011	
AR	0	1	CPL	7011	
	0	1	SGT	7011	
SMCR	0	1	GYSGT	7011	
	0	5	LCPL	7011	

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
SMCR	0	1	SSGT	7011	
ACTIVITY TOTAL:	0	11			
*H&HS MCAS EI Toro, 09111					
USMC	0	2	CPL	7011	
	0	7	LCPL	7011	
	0	1	MSGT	7011	
	0	1	SGT	7011	
	0	1	SSGT	7011	
ACTIVITY TOTAL:	0	12			
*MWSS-373 EI Toro, 09023					
USMC	0	9	CPL	7011	
	0	1	GYSGT	7011	
	0	16	LCPL	7011	
	0	1	MSGT	7011	
	0	6	SGT	7011	
	0	3	SSGT	7011	
ACTIVITY TOTAL:	0	36			
H&HS MCAS Futenma, 63026					
USMC	0	2	CPL	7011	
	0	1	GYSGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	5			
H&HS MCAS Iwakuni, 62613					
USMC	0	1	GYSGT	7011	
	0	1	LCPL	7011	
	0	3	SGT	7011	
	0	1	SSGT	7011	
ACTIVITY TOTAL:	0	6			
H&HS MCAS Yuma, 62974					
USMC	0	4	CPL	7011	
	0	2	GYSGT	7011	
	0	2	SSGT	7011	9954
ACTIVITY TOTAL:	0	8			
HQ, 1ST MAW, 57079					
USMC	0	1	MSGT	7011	
ACTIVITY TOTAL:	0	1			

* **Note:** MWSS-373 EL Toro and H&HS MCAS EL Toro will move to MCAS Miramar in July 1999. Future updates of this NTSP will reflect those changes.

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
HQ, 3rd MAW, 57081					
USMC	0	1	MSGT	7011	
ACTIVITY TOTAL:	0	1			
HQ, MARFORPAC, 67025					
USMC	0	1	MGYSGT	7011	
ACTIVITY TOTAL:	0	1			
HQ, MWSG-17, 09486					
USMC	0	1	GYSGT	7011	
ACTIVITY TOTAL:	0	1			
HQ, MWSG-37, 09314					
USMC	0	1	GYSGT	7011	
ACTIVITY TOTAL:	0	1			
MTN Warfare Training Center, 67399					
USMC	0	1	GYSGT	7011	
ACTIVITY TOTAL:	0	1			
MWSS-171 Iwakuni, 09252					
USMC	0	9	CPL	7011	
	0	1	GYSGT	7011	
	0	16	LCPL	7011	
	0	1	MSGT	7011	
	0	6	SGT	7011	
	0	3	SSGT	7011	
ACTIVITY TOTAL:	0	36			
MWSS-172 Futenma, 09494					
USMC	0	2	CPL	7011	
	0	1	GYSGT	7011	
	0	5	LCPL	7011	
	0	1	SGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	11			
MWSS-371 Yuma, 09236					
USMC	0	9	CPL	7011	
	0	1	GYSGT	7011	
	0	16	LCPL	7011	
	0	1	MSGT	7011	
	0	6	SGT	7011	
	0	3	SSGT	7011	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
ACTIVITY TOTAL:	0	36			
MWSS-372 Camp Pendleton, 09500					
USMC	0	2	CPL	7011	
	0	1	GYSGT	7011	
	0	5	LCPL	7011	
	0	1	SGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	11			
MWSS-374 Miramar, 09246					
USMC	0	2	CPL	7011	
	0	1	GYSGT	7011	
	0	5	LCPL	7011	
	0	1	SGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	11			
MWSS-471 Fort Worth, 48041					
USMC	0	1	SGT	7011	
AR	0	1	SGT	7011	
	0	1	SSGT	7011	
SMCR	0	9	CPL	7011	
	0	1	GYSGT	7011	
	0	16	LCPL	7011	
	0	1	MSGT	7011	
	0	4	SGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	36			
MWSS-473 Miramar, 67818					
USMC	0	1	SGT	7011	
AR	0	1	SGT	7011	
	0	1	SSGT	7011	
SMCR	0	9	CPL	7011	
	0	1	GYSGT	7011	
	0	16	LCPL	7011	
	0	1	MSGT	7011	
	0	4	SGT	7011	
	0	2	SSGT	7011	
ACTIVITY TOTAL:	0	36			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY99		FY00		FY01		FY02		FY03	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USMC FLEET SUPPORT ACTIVITIES - USMC													
CPL	7011		65		0		0		0		0		0
GYSGT	7011		20		0		0		0		0		0
LCPL	7011		120		0		0		0		0		0
MGYSGT	7011		2		0		0		0		0		0
MSGT	7011		9		0		0		0		0		0
SGT	7011		44		0		0		0		0		0
SSGT	7011		32		0		0		0		0		0
SSGT	7011 9954		3		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR													
CPL	7011		2		0		0		0		0		0
SGT	7011		4		0		0		0		0		0
SSGT	7011		2		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
CPL	7011		18		0		0		0		0		0
GYSGT	7011		5		0		0		0		0		0
LCPL	7011		42		0		0		0		0		0
MSGT	7011		3		0		0		0		0		0
SGT	7011		8		0		0		0		0		0
SSGT	7011		6		0		0		0		0		0
SUMMARY TOTALS:													
USMC FLEET SUPPORT ACTIVITIES - USMC													
			295		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR													
			8		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
			82		0		0		0		0		0
GRAND TOTALS:													
USMC - USMC													
			295		0		0		0		0		0
USMC - AR													
			8		0		0		0		0		0
USMC - SMCR													
			82		0		0		0		0		0

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY9		FY00		FY01		FY02		FY03	
		OFF	ENL										

TRAINING ACTIVITY, LOCATION, UIC: MATSG Pensacola, NATTC Pensacola, 39831

INSTRUCTOR BILLETS

USMC

GYSGT	7011	0	4	0	4	0	4	0	4	0	4	0	4
MGYSGT	7011	0	1	0	1	0	1	0	1	0	1	0	1
SSGT	7011	0	2	0	2	0	2	0	2	0	2	0	2

SUPPORT BILLETS

USMC

CPL	7011	0	2	0	2	0	2	0	2	0	2	0	2
LCPL	7011	0	1	0	1	0	1	0	1	0	1	0	1

TOTAL:		0	10	0	10	0	10	0	10	0	10	0	10
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II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY9		FY00		FY01		FY02		FY03	
		OFF	ENL										
MATSG Pensacola, NATTC Pensacola, 39831	USMC		8.5		8.5		8.5		8.5		8.5		8.5
SUMMARY TOTALS:													
	USMC		8.5		8.5		8.5		8.5		8.5		8.5
GRAND TOTALS:													
			8.5		8.5		8.5		8.5		8.5		8.5

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY99 +/-	CUM	FY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM
a. OFFICER - USN			Not Applicable										
b. ENLISTED - USN			Not Applicable										
c. OFFICER - USMC			Not Applicable										
d. ENLISTED - USMC													
Fleet Support Billets USMC and AR													
CPL	7011		67	0	67	0	67	0	67	0	67	0	67
GYSGT	7011		20	0	20	0	20	0	20	0	20	0	20
LCPL	7011		120	0	120	0	120	0	120	0	120	0	120
MGYSGT	7011		2	0	2	0	2	0	2	0	2	0	2
MSGT	7011		9	0	9	0	9	0	9	0	9	0	9
SGT	7011		48	0	48	0	48	0	48	0	48	0	48
SSGT	7011		34	0	34	0	34	0	34	0	34	0	34
SSGT	7011	9954	3	0	3	0	3	0	3	0	3	0	3
Staff Billets USMC and AR													
CPL	7011		2	0	2	0	2	0	2	0	2	0	2
GYSGT	7011		4	0	4	0	4	0	4	0	4	0	4
LCPL	7011		1	0	1	0	1	0	1	0	1	0	1
MGYSGT	7011		1	0	1	0	1	0	1	0	1	0	1
SSGT	7011		2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets USMC and AR													
			9	0	9	0	9	0	9	0	9	0	9
SMCR Billets													
CPL	7011		18	0	18	0	18	0	18	0	18	0	18
GYSGT	7011		5	0	5	0	5	0	5	0	5	0	5
LCPL	7011		42	0	42	0	42	0	42	0	42	0	42
MSGT	7011		3	0	3	0	3	0	3	0	3	0	3
SGT	7011		8	0	8	0	8	0	8	0	8	0	8
SSGT	7011		6	0	6	0	6	0	6	0	6	0	6
TOTAL USMC ENLISTED BILLETS:													
Fleet Support			303	0	303	0	303	0	303	0	303	0	303
Staff			10	0	10	0	10	0	10	0	10	0	10
Chargeable Student			9	0	9	0	9	0	9	0	9	0	9
SMCR			82	0	82	0	82	0	82	0	82	0	82

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: C-604-2015, Marine Expeditionary Airfield Equipment

COURSE LENGTH: 6.2 Weeks

TOUR LENGTH:

ATTRITION FACTOR: Marine: 0%

BACKOUT FACTOR: 0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY99		FY00		FY01		FY02		FY03	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MATSG	Pensacola, NATTC	Pensacola										
	USMC	USMC		74		74		74		74		74
		AR		2		2		2		2		2
		SMCR		8		8		8		8		8
		TOTAL:		84		84		84		84		84

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the MOSLS and, therefore, are not included in Part III of this NTSP:

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

PART III - TRAINING REQUIREMENTS

III.A.1. FORMAL INITIAL TRAINING REQUIREMENTS

COURSE TITLE: Initial MOSLS Operator/Maintenance
COURSE DEVELOPER: NAWCADLKE/Contractor (TBD)
COURSE INSTRUCTOR: NAWCADLKE/Contractor (TBD)
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: MEAEC Instructors
 MWSS Instructors
 NATTC Pensacola Instructors
 NAWCADLKE Field Representatives

LOCATION, UIC	BEGIN DATE	STUDENTS		
		OFF	ENL	CIV
MCALF Bogue, 09034	Jun 99		5 0.1	Input AOB Chargeable

Note: A firm decision has not been made regarding initial training requirements. The above information is viewed as the most likely scenario.

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: C-604-2015, Marine Expeditionary Airfield Equipment

TRAINING ACTIVITY: MATSG Pensacola

LOCATION, UIC: NATTC Pensacola, 39831

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY99		FY00		FY01		FY02		FY03		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	76		76		76		76		76	ATIR
	76		76		76		76		76	Output
	8.5		8.5		8.5		8.5		8.5	AOB
	8.5		8.5		8.5		8.5		8.5	Chargeable

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY99		FY00		FY01		FY02		FY03		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	8		8		8		8		8	ATIR
	8		8		8		8		8	Output
	0.9		0.9		0.9		0.9		0.9	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

Note: The above annual training input requirements are for MOS 7011, not only for MOSLS.

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the MOSLS and, therefore, are not included in Part IV of this NTSP:

IV.A. Training Hardware

IV.A.2. Training Devices

IV.C. Facility Requirements

IV.C.1. Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity and Course

IV.C.3. Facility Project Summary by Program

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-604-2015, Marine Expeditionary Airfield Equipment

TRAINING ACTIVITY: MATSG Pensacola

LOCATION, UIC: NATTC Pensacola, Florida, 39831

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE 001	Minimum Operating Strip Lighting Kit (MOSKIT)	1	Jun 99	GFE	On board
002	Supplemental Airfield Lighting Kit (SALKIT)	1	Jun 99	GFE	On board

IV.B. COURSEWARE REQUIREMENTS
IV.B.1. TRAINING SERVICES

COURSE / TYPE OF TRAINING	SCHOOL LOCATION, UIC	DATE BEGIN	NO. OF PERSONNEL	MAN WEEKS REQUIRED
Initial MOSLS Operator and Maintenance Training	MCALF Bogue, North Carolina, 09034	Jun 99	4	4

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-604-2015, Marine Expeditionary Airfield Equipment

TRAINING ACTIVITY: MATSG Pensacola

LOCATION, UIC: NATTC Pensacola, Florida, 39831

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Curricula Outlines	3	Jun 99	Pending
Instructor Guides	3	Jun 99	Pending
Student Guides	100	Jun 99	Pending
Transparencies, Wall Charts, 35mm Slides, and Audio Cassettes	2 sets	Jun 99	Pending

Note: The above curricula materials and training aids will be added to the curricula materials and training aids currently used in C-604-2015, Marine Expeditionary Airfield Equipment.

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-604-2015, Marine Expeditionary Airfield Equipment

TRAINING ACTIVITY: MATSG Pensacola

LOCATION, UIC: NATTC Pensacola, Florida, 39831

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
MM1 Organizational Level Maintenance Manual with IPB	Hard copy	10	Jun 99	Pending
MM2 Intermediate Level Maintenance Manual with IPB	Hard copy	10	Jun 99	Pending
MRC1 Maintenance Requirement Cards for MOSLS	Hard copy	10	Jun 99	Pending
OM1 MOSLS Operating Manual	Hard copy	10	Jun 99	Pending

Note: Technical manuals are currently being developed and will be completed by fourth quarter FY99. Publication numbers will be assigned at that time.

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
DA	Begin foreign comparative test.	Aug 92	Completed
DA	Begin analysis of manpower, personnel, and training requirements.	Mar 97	Completed
DA	Begin Logistics Evaluation and Maintainability Demonstration.	Mar 97	Completed
TSA	Deliver TTE	May 98	Completed
DA	Award Production contract	Mar98	Completed
DA	Distribute Draft NTSP for comment	Oct 98	Completed
DA	Inspect First Production Article	Oct 98	Completed
NATSF	Deliver Technical manuals	FY99	Pending
TSA	Deliver Curricula materials	Jun 99	Pending
DA	Initial Operating Capability	FY99	Pending
TSA	Begin initial training	Jun 99	Pending
TSA	Begin follow-on training	FY99	Pending
NAVICP	Achieve Material Support Date	Sep 00	Pending

PART VI - ACTION ITEMS/ACTION REQUIRED

ACTION ITEM OR
ACTION REQUIRED

COMMAND ACTION DUE DATE STATUS

None.

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
CAPT Brad Hicks Head, Plans, Policy, and Fleet Maintenance Support CNO, N865E brad.hicks@hq.navy.mil	COMM: (703) 695-2079 DSN: 225-2079 FAX: (703) 693-4259
CDR David W. Kelch Head, Aerospace and Traffic Control Program Branch CNO, N885F kelch.david@hq.navy.mil	COMM: (703) 604-7711 DSN: 664-7711 FAX: (703) 604-6969
MAJ Stephen G. Harris EAF Program Manager CMC, N885F3 harris.stephen@hq.navy.mil	COMM: (703) 604-7707 DSN: 664-7707 FAX: (703) 604-6969
CAPT Thomas Vandenberg Head, Aviation Technical Training Branch CNO, N889H vandenberg.thomas@hq.navy.mil	COMM: (703) 604-7730 DSN: 664-7730 FAX: (703) 604-6939
AZC Scott Dean NTSP Manager CNO, N889H7 dean.scott@hq.navy.mil	COMM: (703) 604-7714 DSN: 664-7714 FAX: (703) 604-6969
Mr. Robert Zweibel Training Technology Policy CNO, N75B bobzweibel@clf.navy.mil	COMM: (703) 614-1344 DSN: 224-1344 FAX: (703) 695-5698
CDR Brian Mack Aviation Manpower CNO, N122C1 n122c1@persnet.navy.mil	COMM: (703) 695-3247 DSN: 225-3247 FAX: (703) 614-5308
LTCOL Angela Clingman USMC Aircraft Maintenance Officer CMC, ASL-33 clingnanab@hqmc.usmc.mil	COMM: (703) 614-1187 DSN: 224-1187 FAX: (703) 697-7343
CWO5 Carl Lasgassa EAF/Aircraft Firefighting Officer CMC, ALS-45 carlelagassa@notes.hqi.usmc.mil	COMM: (703) 614-1133 DSN: 221-1113 FAX: (703) 697-7343
COL Dennis Bartels Branch Head, USMC Aviation Manpower Management CMC, ASM-1 bartelsd@hqmc.usmc.mil	COMM: (703) 614-1244 DSN: 224-1244 FAX: (703) 614-1309

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL**TELEPHONE NUMBERS****LTCOL Dennis A. Spidal**

EAF Program Manager
NAVAIRSYSCOM, PMA251M
Spidalda@navair.navy.mil

COMM: (301) 757-6805
DSN: 757-6805
FAX: (301) 757-6800

CAPT Robert Gibson

Deputy Assistant, Chief of Military Personnel for Distribution
NAVPERS, PERS 40
p4b@persnet.navy.mil

COMM: (901) 874-3529
DSN: 882-3529
FAX: (901) 874-2606

CDR Timothy Ferree

Branch Head, Aviation Rating
NAVPERS, PERS 404
p404@persnet.navy.mil

COMM: (901) 874-3691
DSN: 882-3691
FAX: (901) 874-2542

COL J. Bruce Hulick

Branch Head, Training Program Branch
MCCDC, C462
Hulickjb@tediv.usmc.mil

COMM: (703) 784-3701
DSN: 278-3701
FAX: (703) 784-3729

MAJ Jon Doering

Head, ACE Branch, TFS Division
MCCDC, C5325A
doeringjg@mccdc.usmc.mil

COMM: (703) 784-6241
DSN: 278-6241
FAX: (703) 784-6072

ACCM Howard J. Mc Grath

ATC Assistant Program Manager, Training Systems
NAVIRSYSCOM, PMA205-3B1
mcgrathhj@navair.navy.mil

COMM: (301) 757-8126
DSN: 757-8126
FAX: (301) 757-6945

CDR Ronald Martin

Aviation Technical Training
CNET, ETE323
cdr_ron.martin@smtp.cnet.navy.mil

COMM: (850) 452-4915
DSN: 922-4915
FAX: (850) 452-4901

Mr. Craig McCullough

EAF LM
NAWCADLKE, 3.1.1.1
mccullc4@lakehurst.navy.mil

COMM: (732) 323-7014
DSN: 624-7014
FAX: (732) 323-2882

Ms. Theresa Kostbar

ALRE Training Specialist
NAWCADLKE, 4.8.10.2
kostbat4@lakehurst.navy.mil

COMM: (732) 323-1841
DSN: 624-1841
FAX: (732) 323-7402

Mr. Robert Rinderer

Project Engineer
NAWCADLKE, 4.8.10.2
rinderr4@lakehurst.navy.mil

COMM: (732) 323-1829
DSN: 624-1829
FAX: (732) 323-2882

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL**TELEPHONE NUMBERS**

Mr. Harry Schieder
EAF Team Leader
NAWCADLKE, 11X623
schiedh4@lakehurst.navy.mil

COMM: (732) 323-1610
DSN: 624-1610
FAX: (732) 323-2882

Mr. Phil R. Szczyglowski
Competency Manager
NAVAIRSYSCOM, Air 3.4.1.1
szczygowspr@navair.navy.mil

COMM: (301) 757-9182
DSN: 757-9182
FAX: (301) 342-4723

AMCS Greg P. Johnson
NTSP Coordinator
NAVAIRSYSCOM, Air 3.4.1.1
johnsongp@navair.navy.mil

COMM: (301) 757-9188
DSN: 757-9188
FAX: (301) 342-4723

GYSGT Michael M. Naglowsky
NTSP Analyst (Author)
NAVAIRSYSCOM, 3.4.1.1
naglowskymm@navair.navy.mil

COMM: (301) 757-9186
DSN: 757-9186
FAX: (301) 342-4723