

**NAVY TRAINING SYSTEM PLAN**  
**FOR THE**  
**COMBAT SURVIVOR EVADER LOCATOR**

**N88-NTSP-A-50-0018/D**

**AUGUST 2001**

## COMBAT SURVIVOR EVADER LOCATOR

### EXECUTIVE SUMMARY

The Combat Survivor Evader Locator (CSEL) is a communication system that will provide United States Military Forces with secure, two-way communication for personnel in a survival and evasion scenario. The CSEL will be capable of near real-time communications with a low probability of interception and detection. It will provide precise Global Positioning System based geoposition and navigation data, two-way Over-The-Horizon (OTH) secure data communication to Joint Search and Rescue Centers, OTH beacon operation, and Line-Of-Sight voice communication and beacon capabilities. This will enhance the Combat Search and Rescue response capabilities to locate and communicate with isolated personnel, independent of their location or circumstances. CSEL is currently in the System Development and Demonstration Phase of the Defense Acquisition System. Milestone C (Authority to Enter Into Limited Rate Initial Production or Procurement) will be reached in second quarter Fiscal Year (FY) 02.

Operational Assessment (OA) was completed in February 2001. OA was conducted by the Air Force Operational Test and Evaluation Center and by the Navy Operational Test and Evaluation Force. Initial Operational Test and Evaluation is scheduled to begin in fourth quarter FY01.

Personnel for building load files and actually loading the CSEL will vary, depending on the specific community and their operational capabilities. Personnel identified to perform this include Pilots, Naval Flight Officers, Aviation Warfare Systems Operators, Aviation Electronic Technicians, Aircrew Survival Equipmentmen (PRs), Radiomen, Marine avionics and Aviation Life Support (ALSS) personnel, and squadron or unit qualified Communication Security personnel.

Navy and Marine Corp ALSS personnel will perform organizational level maintenance of the CSEL.

CSEL training will consist of several methods and media, and may include formal courses, Computer-Based Training (CBT), videos, and On-the-Job Training (OJT). Fleet Air Introduction Liaison Survival Aircrew Flight Equipment Tiger Teams will introduce CSEL to Navy and Marine Corps units, and local Aeromedical Safety Officers will provide refresher and pre-deployment training. Follow-on training for aircrew personnel will be provided during basic flight training at the Aviation Survival Training Centers, and during Survival, Evasion, Resistance, and Escape training. Follow-on training for maintenance personnel will be accomplished by adding CSEL information to *C-602-2035, Aircrew Survival Equipment Common Core Class A1*, which the existing Class A1 school for the PR rating. Follow-on training for personnel building load sets and loading the radio sets will be accomplished through OJT-reinforced CBT.

**COMBAT SURVIVOR EVADER LOCATOR**

**TABLE OF CONTENTS**

	<b>Page</b>
Executive Summary .....	i
List of Acronyms .....	iii
Preface .....	vi
 <b>PART I - TECHNICAL PROGRAM DATA</b>	
A. Nomenclature-Title-Program .....	I-1
B. Security Classification .....	I-1
C. Manpower, Personnel, and Training Principals .....	I-1
D. System Description .....	I-2
E. Developmental Test and Operational Test .....	I-2
F. Aircraft and/or Equipment/System/Subsystem Replaced .....	I-2
G. Description of New Development.....	I-2
H. Concepts .....	I-7
1. Operational.....	I-7
2. Maintenance .....	I-7
3. Manning .....	I-8
4. Training.....	I-9
I. Onboard (In-Service) Training.....	I-12
J. Logistics Support.....	I-13
K. Schedules.....	I-14
L. Government-Furnished Equipment and Contractor-Furnished Equipment Training Requirements .....	I-14
M. Related NTSPs and Other Applicable Documents.....	I-15
 <b>PART II - BILLET AND PERSONNEL REQUIREMENTS .....</b>	
<b>II-1</b>	
 <b>PART III - TRAINING REQUIREMENTS .....</b>	
<b>III-1</b>	
 <b>PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS.....</b>	
<b>IV-1</b>	
 <b>PART V - MPT MILESTONES .....</b>	
<b>V-1</b>	
 <b>PART VI - DECISION ITEMS/ACTION REQUIRED.....</b>	
<b>VI-1</b>	
 <b>PART VII - POINTS OF CONTACT .....</b>	
<b>VII-1</b>	

**COMBAT SURVIVOR EVADER LOCATOR**

**LIST OF ACRONYMS**

ALSS	Aviation Life Support Systems
AMSO	Aeromedical Safety Officer
AMTCS	Aviation Maintenance Training Continuum System
ASTC	Aviation Survival Training Center
AT	Aviation Electronics Technician
BNA	Boeing North American
CD-ROM	Compact Disk-Read Only Memory
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CM	Corrective Maintenance
CMC	Commandant of the Marine Corps
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COE	Common Operating Environment
COSPAS	Cosmicheskaya Systemya Poiska Avararihich Sudov (Space System for the Detection of Vessels in Distress)
CPC	CSEL Planning Computer
CPE	CSEL Planning Equipment
CSEL	Combat Survivor Evader Locator
DA	Developing Agency
DAS	Defense Acquisition System
DII	Defense Information Infrastructure
FAILSAFE	Fleet Air Introduction Liaison Survival Aircrew Flight Equipment
FASOTRAGRULANT	Fleet Aviation Specialized Operations Training Group, Atlantic
FMS	Foreign Military Sales
FY	Fiscal Year
GDN	Ground Dissemination Network
GPS	Global Positioning System
HHR	Hand Held Radio
Hz	Hertz

## COMBAT SURVIVOR EVADER LOCATOR

### LIST OF ACRONYMS

ILSP	Integrated Logistics Support Plan
IMI	Interactive Multimedia Instruction
JSRC	Joint Search and Rescue Center
JTPT	Joint Training Planning Team
LOS	Line-Of-Sight
MATMEP	Maintenance Training Management and Evaluation Program
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MOS	Military Occupational Specialty
MOT&E	Multi-Service Operational Test and Evaluation
MPT	Manpower Personnel and Training
MSD	Material Support Date
MTBF	Mean Time Between Failure
MTIP	Maintenance Training Improvement Program
NA	Not Applicable
NAF	Naval Air Facility
NAS	Naval Air Station
NATTC	Naval Aviation Technical Training Center
NAVAIRSYSCOM	Naval Air Systems Command
NAVPERSCOM	Naval Personnel Command
NEC	Navy Enlisted Classification
NFO	Naval Flight Officer
NS	Naval Station
NSA	National Security Agency
NTSP	Navy Training System Plan
OA	Operational Assessment
OJT	On-the-Job Training
OPNAV	Office of the Chief of Naval Operations
OPO	OPNAV Principal Official
OTH	Over-The-Horizon
PDA	Principal Development Activity
PM	Preventive Maintenance

**COMBAT SURVIVOR EVADER LOCATOR**

**LIST OF ACRONYMS**

PMA	Program Manager, Air
PR	Aircrew Survival Equipmentman
RFT	Ready For Training
RSA	Radio Set Adapter
SAR	Search And Rescue
SARSAT	Search And Rescue Satellite Assisted Tracking
S/E	Survivor/Evader
SEATS	Survival Equipment Asset Tracking System
SERE	Survival, Evasion, Resistance, and Escape
SPAWARSYSCOM	Space and Naval Warfare Systems Command
SPETE	Special Purpose Electronic Training Equipment
TSA	Training Support Agency
TTE	Technical Training Equipment
TYCOM	Type Commander
UBS	UHF Base Station
UHF	Ultra-High Frequency
UHFSATCOM	Ultra-High Frequency Satellite Communications
UIC	Unit Identification Code
USAF	United States Air Force
VAC	Volts Alternating Current

**COMBAT SURVIVOR EVADER LOCATOR**

**PREFACE**

This Draft Navy Training System Plan (NTSP) is an update of the Combat Survivor Evader Locator (CSEL) Initial NTSP, dated August 2000. It includes CSEL implementation concerns that will affect operational, maintenance, manpower, and training concepts that ultimately drive the Manpower, Personnel, and Training (MPT) system requirements to support the CSEL. This Draft NTSP has been 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. This Draft NTSP includes comments from the Naval Air Systems Command (PMA205-2E and PMA205-5C) and Naval Air Maintenance Training Group Detachment, Maintenance Training Unit 3003 with the vast majority of comments being verbiage changes in Part I for clarity.

**PART I - TECHNICAL PROGRAM DATA**

**A. NOMENCLATURE-TITLE-PROGRAM**

- 1. **Nomenclature-Title-Acronym.** Combat Survivor Evader Locator (CSEL)
- 2. **Program Elements.** 35176F and 65712F

**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 (N780)
- OPO Resource Sponsor..... CNO (N780)
- Air Force Program Sponsor (Program Lead)..... SMC/CZ
- Marine Corps Program Sponsor ..... CMC (APW-71)
- Developing Agency..... SPAWARSSYSCOM (PMW/PMA187)  
NAVAIRSSYSCOM (AIR 3.1.4)
- Training Agency ..... CINCLANTFLT (N721)  
CINCPACFLT (N70)  
CNET (ETE-32)
- Training Support Agency ..... NAVAIRSSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)
- Director of Naval Training..... CNO (N79)
- Marine Corps Force Structure..... MCCDC (C53)

## **D. SYSTEM DESCRIPTION**

**1. Operational Uses.** CSEL is a communication system that will provide United States military forces with secure, two-way communication for personnel in a Survivor/Evader (S/E) scenario. CSEL will be capable of near real-time communications with a Low Probability of Interception and Low Probability of Detection. CSEL will provide precise Global Positioning System (GPS) and navigation data, two-way Over-The-Horizon (OTH) secure data communication to Joint Search and Rescue Centers (JSRC), OTH Beacon, and Line-Of-Sight (LOS) voice communications. This will enhance the Combat Search and Rescue response capabilities to locate and communicate with isolated personnel, independent of their location or circumstances.

This NTSP focuses on the User Segment of the CSEL as it applies to Navy and Marine Corps combat aircrew usage. Although Navy and Marine Corps Special Forces will employ CSEL, this document does not address those users.

**2. Foreign Military Sales.** Future Foreign Military Sales (FMS) to North Atlantic Treaty Organization countries and allied nations are under consideration. For information on FMS, refer to Naval Air Systems Command (NAVAIRSYSCOM) AIR 3.1.4.

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** Operational Assessment (OA) was completed in February 2001. OA was conducted by the Air Force Operational Test and Evaluation Center and by the Navy Operational Test and Evaluation Force. Multi-Service Operational Test and Evaluation (MOT&E) is scheduled to begin in fourth quarter Fiscal Year (FY) 02.

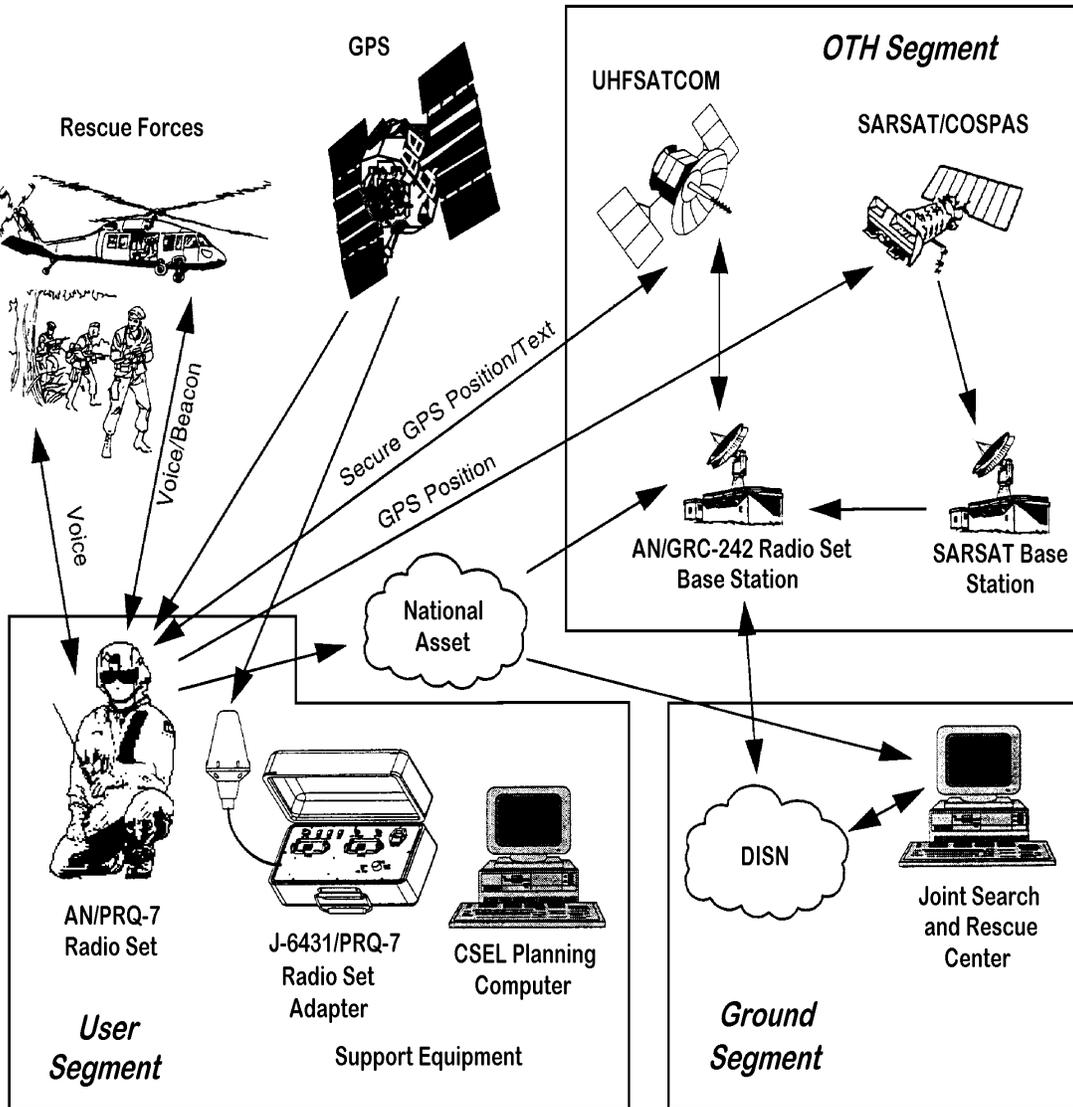
**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** In combat situations and possible S/E scenarios, the AN/PRQ-7 Radio Set will be employed instead of the AN/PRC-112B Radio Set currently used in the fleet.

## **G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** The CSEL system will provide global coverage with the following capabilities:

- Precision GPS-Based Geoposition and Navigation Data
- Two-Way OTH Secure Data Communication to a JSRC
- LOS Voice Communication
- Selective Availability/Anti-Spoofing Module
- Built-In Commercial Growth

The CSEL System will consist of three segments as shown in Figure I-1: OTH, Ground, and User. The User Segment directly applies to Navy and Marine Corps squadrons. These segments are described in the following sub-paragraphs.



**Figure I-1.** CSEL System Architecture

**a. Over-The-Horizon Segment.** The OTH Segment will consist of the OTH Communication Systems and the AN/GRC-242 Radio Set Base Station that interconnects the OTH and Ground Segments. The AN/GRC-242 Radio Set Base Station is also called the Ultra-

High Frequency (UHF) Base Station and will be referred to as such throughout this document. The OTH Communication System will relay critical information from isolated personnel to the appropriate JSRCs for decision-making and response planning. The OTH Communication System will operate over three systems: UHF Satellite Communications (UHF SATCOM), National Assets, and Search and Rescue Satellite Assisted Tracking (SARSAT). The UHF Base Station (UBS) will be capable of two-way communication relays such as location, identification, and authentication information between the S/E and the Ground Segment.

**(1) Satellite Communication.** The UHF SATCOM mode will support two-way messaging, which includes geolocation information between a UBS and an S/E's AN/PRQ-7 Radio Set through an allocated UHF SATCOM channel. The National Assets will support one-way messaging, including geolocation information from the Radio Set using the Low Probability of Exploitation National Assets waveform. This supplements UHF SATCOM in areas of high intercept threat where National Assets coverage is likely to be provided. AN/PRQ-7 Radio Set National Assets transmissions are acknowledged by the JSRC via the UBS and UHF SATCOM satellite. The SARSAT operates over the international Cosmicheskaya Systemya Poiska Avararihih Sudov ((COSPAS) a.k.a. "Space System for the Detection of Vessels in Distress")-SARSAT system and is intended for emergency coverage above 70° latitude where UHF SATCOM and National Assets coverage is marginal, as well as backup coverage through the civil Search And Rescue (SAR) system.

**(2) AN/GRC-242 Radio Set Base Station.** The UBS will be capable of supporting two-way OTH data communication with as many as 200 CSEL Radio Sets in a Time Division Multiple Access protocol through the UHF SATCOM satellite system. Received messages are automatically relayed to the JSRCs through a Ground Dissemination Network (GDN). The UBS will also be capable of receiving messages transmitted via National Assets and the COSPAS-SARSAT system, but will not be able to return messages via these two systems. The UBS will consist of two equipment consoles: one active unit and one backup unit on standby at all times. The two units will be identical and share a common antenna.

**b. Ground Segment.** The Ground Segment will be composed of JSRCs and the GDN that interconnects with the UBS. The Ground Segment functions will include CSEL data reception, display, and dissemination capabilities in the JSRCs, and data reception and processing to and from the UBS.

**(1) Joint Search and Rescue Centers.** JSRCs will be designated in operational theaters to coordinate the rescue operations for downed aircrew, isolated personnel, or other forces. A JSRC may be located at a fixed ground site, in a mobile unit, or aboard a ship. The CSEL System will establish primary and backup JSRCs. The primary JSRC will usually be in the user's operational theater and assume the primary responsibility for coordinating rescue or other operations. A backup JSRC will be assigned if the operational situation warrants.

JSRCs are equipped with Defense Information Infrastructure (DII), Common Operating Environment (COE) work stations through which the CSEL application can operate simultaneously with other functions. In some cases, a JSRC workstation may be directly

interfaced to Tactical Receive Equipment, which provides direct access to the National Assets messages without having to wait for the UBS to retransmit the information over the GDN.

**(2) Ground Dissemination Network.** The GDN provides a highly reliable and timely global connection between all CSEL ground elements by utilizing the existing Defense Information System Network with DII COE compatible protocols.

**c. User Segment.** The User Segment consists of the AN/PRQ-7 Radio Set [Hand Held Radio (HHR)], which is employed by combat aircrew personnel (as well as other military personnel) and the CSEL Planning Equipment (CPE). The CPE consists of the CSEL Planning Computer (CPC) used to load mission specific information into the HHR prior to a mission and the J-6431/PRQ-7 Radio Set Adapter (RSA) that provides the interface between the CPC, the GPS key fill device, and the HHR.

**(1) AN/PRQ-7 Radio Set.** The HHR provides data communication for all OTH modes, SAR aircraft-compatible LOS voice communication, COSPAS-SARSAT 406-megahertz beacon, and precise geopositioning to the user. The HHR is designed for one-handed operation (right or left) with flight gloves or modified winter gloves. Once the HHR is activated, it may be polled by the JSRC workstation without further action.

#### **(2) Combat Survivor Evader Locator Planning Equipment**

**(a) J-6431/PRQ-7 Radio Set Adapter.** The RSA serves as the interface between the CPC and the reference HHR and interfaces the reference HHR with the target HHR. This is how data is transferred from the reference to as many HHRs are going to be used during the operation. The reference HHR stays resident in the RSA, while the target HHRs are loaded one after another. With commands from the CPC, the RSA performs the following functions: loads mission parameters, loads precision GPS time, and interfaces the Radio Set to the GPS key fill device. The RSA is portable, has a standard zero case design, and uses a universal Alternating Current power supply. The RSA provides power to the HHR during loading.

**(b) Combat Survivor Evader Locator Planning Computer.** The CPC will host CSEL application software that allows an operator to control the operation of the RSA. The CPC and RSA will be used to provide post mission analysis, and load a target HHR with mission specific data including communications frequencies and channels, waypoints, standardized messages, Unit Identification Codes (UIC), call signs, and passwords.

## **2. Physical Description**

**a. AN/GRC-242 Radio Set Base Station Console.** The UBS Console measures 84 inches high, 22.5 inches wide, and 30 inches deep (42 inches with the keyboard extended), and weighs 300 pounds. It requires 115 Volts Alternating Current (VAC), 60 Hertz (Hz) at 20 amperes from two independent sources.

**b. AN/PRQ-7 Radio Set.** The HHR will be able to withstand saltwater immersion and the shock, vibration, and Gravity (G)-force associated with aircrew emergency egress and personnel recovery operations. The HHR will be designed to fit into all current survival vests and ejection seat packs, as it is a form, fit, and function replacement for the AN/PRC-112. It will measure 7.8 inches high, 3.2 inches wide, and 1.6 inches deep, and weighs 31.8 ounces.

The HHR consists of an earphone jack, speaker-microphone, keypad, volume control, push-to-talk button, Light Emitting Diode, and Liquid Crystal Display. The main power source of the HHR is a Lithium Sulfur Dioxide battery with a life expectancy of 19 days at 25° Celsius. Power saving features and operation above 25° Celsius will extend the life of the battery.

**c. J-6431/PRQ-7 Radio Set Adapter.** The RSA will be a suitcase unit that measures 10 inches high, 16 inches wide, and 8 inches deep, and weighs less than 10 pounds. The RSA power requirements will be 115/240 VAC, 50/60 Hz at one ampere.

**d. Combat Survivor Evader Locator Planning Computer.** The CPC will be a ruggedized International Business Machine-compatible computer with the following minimum specifications: a processor speed of 100 Megahertz, 32 megabytes of Random Access Memory, a 100 megabyte hard disk drive, a 16x Compact Disk-Read Only Memory (CD-ROM) drive, a 3.5” floppy disk drive, a single Universal Serial Bus (USB) port, a Variable Gain Amplitude monitor, a standard 101 keyboard, and utilize Windows 2000 or current equivalent operating system.

**3. New Development Introduction.** The CSEL HHR, RSA, and UBS equipment, as well as CSEL software for the UBS, JSRC, and CPC, will be introduced into the fleet as new production items.

#### **4. Significant Interfaces**

**a. Combat Survivor Evader Locator Systems.** The CSEL system will provide interfaces between the S/E, JSRCs, and several different satellite and communications systems for a variety of available communications capabilities, including GPS, voice, and data link. The UBS will link Ultra-High Frequency Satellite Communications (UHFSATCOM), National Assets, and COSPAS-SARSAT systems to the JSRCs. In addition, the CSEL System will allow rescue forces to interface directly with the S/E using LOS communications.

**b. Communications Security.** The HHR will incorporate National Security Agency (NSA) approved Communications Security techniques to protect the unit against extraction of crypto keys. A NSA approved encryption algorithm will be used to protect UHFSATCOM and National Assets transmissions. A zeroizer feature will be included to permit the user to purge volatile memory. There will be two levels of zeroization available to the user. If the HHR is zeroized once, the user may continue to use the Radio Set; however, the JSRC operator will be alerted that the HHR may be in hostile hands and must re-authenticate the user's

identification. If the HHR is zeroized a second time, it will provide Amplitude Modulation voice communication on factory-set frequencies and have course acquisition code GPS capabilities.

**5. New Features, Configurations, or Material.** The HHR will be designed for future growth to include a commercial L/S Band module and an antenna for interfacing with commercial, satellite communications systems.

## **H. CONCEPTS**

**1. Operational Concept.** At the squadron level, the CSEL operational concept will employ two groups. Navy and Marine Corps aviators [i.e., Pilots, Naval Flight Officers (NFO), and enlisted aircrew] will operate the Radio Set in an S/E situation. Navy and Marine Corps officer and enlisted personnel will operate the CPE to load mission critical data into the Radio Set.

### **2. Maintenance Concept**

**a. Organizational.** Organizational level maintenance will be performed by Navy personnel with Navy Enlisted Classification (NEC) 83XX in the Aviation Life Support Systems (ALSS) Aircrew Survival Equipmentman (PR) rating and Marine Corps personnel with Military Occupational Specialty (MOS) 63XX working in the ALSS Division.

**(1) AN/PRQ-7 Radio Set.** Preventive Maintenance (PM) is limited to performing self-test using Built-In Test (BIT). There are two levels of BIT: internal BIT on the HHR and a more comprehensive BIT using the CPE. Corrective Maintenance (CM) is limited to replacing the battery and possibly replacing the UHF/Very High Frequency antenna.

**(2) Combat Survivor Evader Locator Planning Equipment.** PM is limited to operational checkout and periodic inspections and cleaning. CM includes troubleshooting to fault-isolate to a particular equipment item or cable, and on-equipment repair by removal and replacement procedures.

**b. Intermediate.** Not Applicable (NA)

**c. Depot.** For the HHR and RSA, Boeing North American (BNA) will accomplish all maintenance beyond the organizational level. The Radio Set will be under a ten-year warranty. The RSA will be covered by a maintenance agreement between the government and BNA.

**d. Interim Maintenance.** Currently, there is no plan for interim maintenance for the Radio Set and CPE. If interim maintenance requirements are determined later, it will be under the cognizance of the United States Air Force (USAF).

**e. Life Cycle Maintenance Plan.** NA

**3. Manning Concept.** At the squadron level, the manpower requirements for CSEL will consist of operators and maintainers. Operators of the HHR will include Navy and Marine Corps Pilots, NFOs, and enlisted aircrew. Operators of the CPE will include officer and enlisted personnel. Enlisted ALSS personnel will perform maintenance of the HHR and CPE. An analysis of the operation and maintenance functions associated with these CSEL components indicates these tasks are within the capabilities of existing Navy Officer Billet Code, Navy Enlisted Occupational Standards (ratings), and Marine Corps MOS structures.

**a. Estimated Mean Time Between Failure.** The Mean Time Between Failure (MTBF) for the Radio Set is expected to be 3000 hours. The MTBF for the RSA and CPC has not yet been determined.

**b. Proposed Utilization.** The AN/PRQ-7 Radio Set will be used by downed aircrew members during S/E situations.

**c. Recommended Qualitative and Quantitative Manpower Requirements**

**(1) Aircrew.** Aircrew manpower requirements are determined by the seat factor and crew ratio listed in the appropriate Required Operational Capability and Projected Operational Environment documents. Since CSEL will not impact these factors, current aircrew requirements will not change as a result of the introduction of CSEL.

**(2) Maintenance.** Maintenance of the HHR will be performed by ALSS personnel with NEC 83XX and Marine Corps personnel with MOS 63XX. Maintenance of the CPC will be performed by squadron or unit Information Technology (IT) personnel. Maintenance of the RSA will be performed by Aviation Electronics Technician (AT) personnel with NEC 83XX and Marine Corps personnel with MOS 63XX. Based on a manpower analysis, the ALSS, IT, and Avionics Divisions will be able to maintain the equipment without an increase in manpower.

The data to be loaded into the Radio Set is obtained from the Operations Department and CMS Custodian, and includes communication frequencies, waypoints, call signs, GPS keys, and user information. Since some of this data is classified, personnel tasked to load the Radio Set will require a Secret security clearance.

The procedure for loading the HHR involves obtaining a GPS fix on a HHR to be designated as the reference HHR. The CPC and GPS key fill device are connected to the RSA. The reference HHR and a target HHR are set into the RSA. The person performing the loading function must also enter mission and personal data into the CPC through the keyboard.

Since the CPC will be used to load classified data, it will require a secure area for use and storage. The HHR is classified to the level of the waypoints entered, as these are the only items retrievable by an operator.

The ALSS Work Center uses the Survival Equipment Asset Tracking System (SEATS) to track the AN/PRC-112Bs and will add CSEL Radio Sets to SEATS.

It takes approximately eleven minutes to set up the CPE and load one HHR. Each successive HHR takes approximately two to three minutes. The total man-hours expended on a daily basis loading HHR will vary for each type of squadron, depending on the number of crewmembers and the flight schedule. Based on a manpower analysis, existing manning levels may not be adequate.

**4. Training Concept.** A Joint Training Planning Team (JTPT) has been established to ensure that all military services provide consistent CSEL training. However, the JTPT will not dictate how each service should train their personnel. The Navy and Marine Corps CSEL training concept covered in this NTSP will consist of initial and follow-on training for CSEL users and maintenance personnel. CSEL training will consist of several methods and media, and may include formal courses, On-the-Job Training (OJT), and Interactive Multimedia Instruction (IMI).

The CSEL training concept will be similar to other ALSS equipment in that Pilots, NFOs, and enlisted aircrew must become familiar with the HHR as soon and as often as possible. This familiarization will be in the form of HHR training at basic Pilot and NFO schools (Fleet Readiness Squadrons), at the Aviation Survival Training Centers (ASTC), and during Survival, Evasion, Resistance, and Escape (SERE) training.

**a. Initial Training.** CSEL initial training was provided for personnel who participated in OA, and will be provided for personnel participating in MOT&E. Other personnel requiring CSEL initial training include Aeromedical Safety Officer (AMSO) and Fleet Air Introduction Liaison Survival Aircrew Flight Equipment (FAILSAFE) personnel.

<b>Title .....</b>	<b>CSEL Operation and Familiarization</b>
<b>Description .....</b>	This course provides training to Pilots, NFOs, and enlisted aircrewman, including: <ul style="list-style-type: none"> <li>° CSEL Capabilities, Limitations, and Operation</li> <li>° Radio Set Functions and Operation</li> </ul> Upon completion, the student will be able to employ the CSEL system during S/E situations.
<b>Location .....</b>	Test site
<b>Length .....</b>	2 days
<b>RFT date .....</b>	Currently available
<b>TTE/TD .....</b>	CSEL Equipment

**Title .....** **CSEL Radio Set Loading and Maintenance**

**Description .....** This course provides training to the organizational level maintenance technician, including:

- ° CPC Setup and Operation
- ° RSA Setup and Operation
- ° Radio Set Loading and Maintenance Procedures

Upon completion, the student will be able to properly configure the CPC and RSA, load the Radio Set with mission data, and perform the required maintenance actions in a squadron environment under limited supervision.

**Location .....** Test site

**Length .....** 2 days

**RFT date .....** Currently available

**TTE/TD .....** CSEL Equipment

**Prerequisite .....** Secret Security Clearance

The FAILSAFE Tiger Teams will develop demonstration packages to support the introduction of CSEL. This will include HHR controls and indicators, HHR operation, CPE operation and maintenance, HHR loading and maintenance, and battery conservation. The Tiger Teams will provide this introduction to Fleet squadrons as they receive their CSEL assets, to the ASTCs for follow-on physiology training, AMSOs for pre-deployment training, and to the SERE training activities.

**b. Follow-on Training**

**(1) Aircrew.** Navy and Marine Corps aircrew will receive instruction on the functions and proper use of the HHR at basic Pilot and NFO schools, at the ASTCs, and during SERE training. Refresher training will be provided by local AMSOs prior to deployments. The following is a list of training sites and courses identified to perform CSEL training. This list may not be all inclusive, but will be updated as further information regarding courses into which CSEL will be incorporated becomes available.

<b>CIN</b>	<b>COURSE</b>	<b>LOCATION</b>
C-602-2035	Aircrew Survival Equipmentman (PR) A1	Naval Aviation Technical Training Center (NATTC) Pensacola
C-100-2018	Avionics Technician O Level Class A1	NATTC Pensacola

CIN	COURSE	LOCATION
D-2D-0039	Survival, Evasion, Resistance, and Escape	Fleet Aviation Specialized Operations Training Group, Atlantic (FASOTRAGRULANT) Detachment Brunswick
D-2G-0028	Advanced Survival, Evasion, Resistance, and Escape	FASOTRAGRULANT Detachment Brunswick
D-2G-0032A	Advanced Evasion	FASOTRAGRULANT Detachment Brunswick
D-2G-0012	Cold Weather Environmental Survival Training	FASOTRAGRULANT Detachment Brunswick
D-012-0001	Survival, Evasion, Resistance, and Escape Instructor Under Training	FASOTRAGRULANT Detachment Brunswick

**(2) Maintenance.** CSEL information will be added to course *C-100-2018, Avionics Technician O-Level Class A1*. This will be a minor revision and is not expected to increase the current course length. Refresher training will be provided by FAILSAFE personnel or by local AMSOs prior to deployments.

**c. Student Profiles**

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AT 83XX	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2018, Avionics Technician O-Level Class A1</li> </ul>
MOS 63XX	<ul style="list-style-type: none"> <li>◦ C-100-2020, Avionics Common Core Class A1</li> <li>◦ C-100-2018, Avionics Technician O-Level Class A1</li> </ul>

**d. Training Pipelines.** No new training pipelines will be established to support the introduction of CSEL.

## I. ONBOARD (IN-SERVICE) TRAINING

**1. Proficiency or Other Training Organic to the New Development.** Aircrew personnel will receive Radio Set proficiency training from FAILSAFE personnel or local AMSOs prior to deployment. All aircrew members will also receive Radio Set training during refresher aviation physiology training at ASTCs as prescribed.

**a. Maintenance Training Improvement Program.** Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace Maintenance Training Improvement Program (MTIP). AMTCS is scheduled to begin full implementation for fleet deployment in FY02.

**b. Aviation Maintenance Training Continuum System.** AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS is planned to be an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the Chief of Naval Operation's (CNO) mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: IMI for the technicians in the Fleet in the form of Interactive Courseware with Computer Managed Instruction and Computer Aided Instruction for the schoolhouse.

Included in the AMTCS development effort is the AMTCS Software Module which provides testing (Test and Evaluation), recording (Electronic Certification Qualification Records), and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate Commercial Off-The-Shelf hardware and software, i.e., Fleet Training Devices - Laptops, Personal Computers, Electronic Classrooms, Learning Resource Centers, operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS concepts are to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP).

**2. Personnel Qualification Standards.** Personnel Qualifications Standards have not yet been determined.

**3. Other Onboard or In-Service Training Packages.** CSEL information will be integrated into existing OJT packages. Each Navy and Marine Corps squadron has an OJT program that has been tailored to their operational requirements.

Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Naval Aviation Maintenance Program 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. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be enhanced with refresher training. AMTCS will replace MATMEP approximately FY03.

**J. LOGISTICS SUPPORT**

**1. Manufacturer and Contract Numbers**

<b>CONTRACT NUMBER</b>	<b>MANUFACTURER</b>	<b>ADDRESS</b>
F04701-96-C-0020 (USAF)	Autonetics and Missile Systems Division, Boeing North American	3370 Miraloma Avenue P.O. Box 3105 Anaheim, CA 92803-3105

**2. Program Documentation.** The GPS Integrated Logistics Support Plan (ILSP) for CSEL dated May 1998 is currently being updated and is expected to be approved in June 2001.

**3. Technical Data Plan.** The following currently available documents address various technical aspects of the CSEL system:

- AN/PRQ-7 Radio Set Operator’s Manual..... NAVAIR 16-30PRQ7-1
- AN/PRQ-7 Radio Set Operator’s Check List .. NAVAIR 16-30-PRQ7-1CL
- AN/GRC-242 UHF Base Station..... EE 150-WG-OMI-010
- CPE Operations and Maintenance..... NAVAIR 16-35CSEL-CPE-1
- JSRC Software ..... EE 130-TA-OMI-010

**4. Test Sets, Tools, and Test Equipment. NA**

**5. Repair Parts.** Actual procurement of government spares and repair parts are initiated in accordance with the Supply Support Management Plan. The contractor will furnish spares and repair parts usage data to the Naval Inventory Control Point in Mechanicsburg, Pennsylvania. The Material Support Date (MSD) has been established as October 2004.

**6. Human Systems Integration.** The displays, controls, and work areas of the CSEL communications system are designed such that system functions and procedures allocated to system operators are at acceptable levels of workload and fatigue. Operation of the Radio Set is possible with a minimal expenditure of energy. It has optimized automatic features to facilitate one-handed operation by users that may be partially incapacitated.

**K. SCHEDULES**

**1. Installation and Delivery Schedules.** A total of 9,028 Radio Sets, 618 RSAs, and 618 CPCs will be procured by the Navy. The following schedule depicts the planned procurement of CSEL equipment for the Navy and Marine Corps.

**CSEL PROCUREMENT SCHEDULE**

<b>EQUIPMENT</b>	<b>FY02</b>	<b>FY03</b>	<b>FY04</b>	<b>FY05</b>	<b>FY06</b>	<b>FY07</b>
Radio Set	200	255	2260	2585	2708	1020
RSA	28	17	151	173	181	68
CPC	28	17	151	173	181	68

The CSEL procurement quantities shown in the above table will not provide CSEL capabilities to every Navy and Marine Corps aircrew member. As a result, Type Commanders (TYCOM) will determine which squadrons will employ CSEL and which squadrons will use the AN/PRC-112B Radio.

**2. Ready For Operational Use Schedule.** The Ready for Operational Use Schedule has not been determined. The TYCOMs will determine which squadrons will deploy with CSEL assets. Initial Operational Capability is currently planned for fourth quarter FY02.

**3. Time Required to Install at Operational Sites.** NA

**4. Foreign Military Sales and Other Source Delivery Schedule.** Delivery schedules for other United States Military Forces are available through the CSEL Program Office.

**5. Training Device and Technical Training Equipment Delivery Schedule.** CSEL user assets will be required for training at the various schools, ASTCs, and by AMSOs and Tiger Teams. Since it is not currently feasible to train with the Radio Set using the actual UHFSATCOM, UBS, and JSRCs, consideration should be given to developing a simulator that provides the Radio Set user with realistic communication capabilities.

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

**M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS**

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
Operational Requirements Document	019-92-I-A	HQ ACC/XRSR	Approved 25 Oct 96
AN/GRC-242 Radio Set Base Station NTSP	N6-NTSP-E-70-9902	PMW/PMA187	Approved Oct 99
GPS Integrated Logistics Support Plan for CSEL		PMA202	Approved May 98
Aviation Life Support System (ALSS) NTSP	N88-NTSP A-50-9206A/D	PMA202	Draft Aug 01

## PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the Combat Survivor Evader Locator and, therefore, are not included in Part II of this NTSP:

### II.A. Billet Requirements

- II.A.1.a. Operational and Fleet Support Activity Activation Schedule
- II.A.1.b. Billets Required for Operational and Fleet Support Activities
- II.A.1.c. Total Billets Required for Operational and Fleet Support Activities
- 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
- II.A.3. Training Activities Instructor and Support Billet Requirements
- II.A.4. Chargeable Student Billet Requirements
- II.A.5. Annual Incremental and Cumulative Billets

### II.B. Personnel Requirements

- II.B.1. Annual Training Input Requirements

## PART III - TRAINING REQUIREMENTS

The following elements are not affected by the Combat Survivor Evader Locator and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

III.A.2.a. Existing Courses

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

## PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the Combat Survivor Evader Locator, and, therefore, are not included in Part IV of this NTSP:

### IV.A. Training Hardware

#### IV.A.2. Training Devices

### IV.B. Courseware Requirements

#### IV.B.1. Training Services

### 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

#### IV.A. TRAINING HARDWARE

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** Aviation Survival Training Center

**LOCATION, UIC:** NATTC Pensacola, 39869

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** Aviation Survival Training Center

**LOCATION, UIC:** NAS Norfolk, 39860

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** Aviation Survival Training Center

**LOCATION, UIC:** MCAS Cherry Point, 39861

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** Aviation Survival Training Center

**LOCATION, UIC:** NAS Patuxent River, 39859

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** Aviation Survival Training Center

**LOCATION, UIC:** NAS Jacksonville, 39862

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** Aviation Survival Training Center

**LOCATION, UIC:** Naval Station (NS) Oak Harbor, 39867

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** NAS Lemoore, 39866

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** MCAS Miramar, 39864

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Fleet Aviation Specialized Operations Training Group (FASOTRAGRU)  
**LOCATION, UIC:** NAS Jacksonville, 0349A

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** FASOTRAGRU

**LOCATION, UIC:** NAS Brunswick, 0348A

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** FASOTRAGRU

**LOCATION, UIC:** NAS Norfolk, 09810

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** FASOTRAGRU

**LOCATION, UIC:** NAS North Island, 09191

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** Warner Springs, 09530

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** Naval Air Facility (NAF) Atsugi, 49266

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS Lemoore, 0347A

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** FASOTRAGRU

**LOCATION, UIC:** NAS Whidbey Island, 0345A

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** FASOTRAGRU

**LOCATION, UIC:** MCAS Miramar, 66656

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** FASOTRAGRU

**LOCATION, UIC:** NAS Kaneohe, 0346A

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** HMMT-164 (CH-46E)

**LOCATION, UIC:** MCAS New River, 52842

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** HMT-302 (CH-53E)

**LOCATION, UIC:** MCAS New River, 55203

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** HS-1 (SH-60F)

**LOCATION, UIC:** NAS Jacksonville, 65548

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-30 (SH-2F)  
**LOCATION, UIC:** NAS Norfolk, 44848

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-40 (SH-60B)  
**LOCATION, UIC:** NAS Mayport, 53913

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VAW-120 (E-2C/C-2)  
**LOCATION, UIC:** NAS Norfolk, 30680

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VF-101 (F-14)

**LOCATION, UIC:** NAS Oceana, 65552

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VFA-106 (F/A-18A/B/C/D)

**LOCATION, UIC:** NAS Oceana, 09679

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VMAT-203 (AV-8B)

**LOCATION, UIC:** MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRQ-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRQ-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMGRT-253 (C-130/KC-130)  
**LOCATION, UIC:** MCAS Cherry Point, 55251

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMMT-204 (MV-22)  
**LOCATION, UIC:** MCAS New River, 52842

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VP-30 (P-3C)  
**LOCATION, UIC:** NAS Jacksonville, 65554

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** HMT-301 (CH-53D)

**LOCATION, UIC:** MCAS Kaneohe, Hawaii, 52843

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** HMT-303 (AH-1W/UH-1N)

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** HS-10 (SH-60F)

**LOCATION, UIC:** NAS North Island, 65557

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-31 (SH-2F)  
**LOCATION, UIC:** NAS North Island, 66661

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-41 (SH-60B)  
**LOCATION, UIC:** NAS North Island, 55138

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-84 (SH-2G)  
**LOCATION, UIC:** NAS North Island, 09055

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VAQ-129 (EA-6B)  
**LOCATION, UIC:** NAS Whidbey Island, 30694

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VFA-122 (F/A-18E/F)  
**LOCATION, UIC:** NAS Lemoore, 09355

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VFA-125 (F/A-18 A/B/C/D)  
**LOCATION, UIC:** NAS Lemoore, 65559

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VMFAT-101 (F/A-18C/D)

**LOCATION, UIC:** MCAS Miramar, 09965

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VQ-4 (E-6A)

**LOCATION, UIC:** Tinker Air Force Base, Oklahoma, 33308

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VS-41 (S-3B)

**LOCATION, UIC:** NAS North Island, 65566

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

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

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VT-21 (T-45)

**LOCATION, UIC:** NAS Kingsville, Texas, 0400A

<b>ITEM NO.</b>	<b>EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>GFE CFE</b>	<b>STATUS</b>
<b>TTE</b>					
001	AN/PRO-7 Radio Set	8	FY02	CFE	Pending
<b>SPETE</b>					
002	J-6431/PRO-7 Radio Set Adapter	1	FY02	CFE	Pending
003	CSEL Planning Computer with Windows 95/98/NT	1	FY02	CFE	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** NATTC Pensacola, 39869

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** NAS Norfolk, 39860

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** MCAS Cherry Point, 39861

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** NAS Patuxent River, 39859

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** NAS Jacksonville, 39862

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** NS Oak Harbor, 39867

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** NAS Lemoore, 39866

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC:** MCAS Miramar, 39864

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS Jacksonville, 0349A

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS Brunswick, 0348A

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS Norfolk, 09810

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS North Island, 09191

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** Warner Springs, 09530

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAF Atsugi, 49266

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS Lemoore, 0347A

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS Whidbey Island, 0345A

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** MCAS Miramar, 66656

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC:** NAS Kaneohe, 0346A

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMMT-164 (CH-46E)  
**LOCATION, UIC:** MCAS New River, 52842

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMT-301 (CH-53D)  
**LOCATION, UIC:** MCAS Kaneohe, Hawaii, 52843

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMT-302 (CH-53E)  
**LOCATION, UIC:** MCAS New River, 55203

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMT-303 (AH-1W/UH-1N)  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HS-1 (SH-60F)  
**LOCATION, UIC:** NAS Jacksonville, 65548

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HS-10 (SH-60F)  
**LOCATION, UIC:** NAS North Island, 65557

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-30 (SH-2F)  
**LOCATION, UIC:** NAS Norfolk, 44848

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-31 (SH-2F)  
**LOCATION, UIC:** NAS North Island, 66661

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-40 (SH-60B)  
**LOCATION, UIC:** NAS Mayport, 53913

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-41 (SH-60B)  
**LOCATION, UIC:** NAS North Island, 55138

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-84 (SH-2G)  
**LOCATION, UIC:** NAS North Island, 09055

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VAQ-129 (EA-6B)  
**LOCATION, UIC:** NAS Whidbey Island, 30694

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VAW-120 (E-2C/C-2)

**LOCATION, UIC:** NAS Norfolk, 30680

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VF-101 (F-14)

**LOCATION, UIC:** NAS Oceana, 65552

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VFA-106 (F/A-18A/B/C/D)

**LOCATION, UIC:** NAS Oceana, 09679

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VFA-122 (F/A-18E/F)

**LOCATION, UIC:** NAS Lemoore, 09355

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VAQ-129 (EA-6B)

**LOCATION, UIC:** NAS Whidbey Island, 30694

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VFA-125 (F/A-18 A/B/C/D)  
**LOCATION, UIC:** NAS Lemoore, 65559

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMAT-203 (AV-8B)  
**LOCATION, UIC:** MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMFAT-101 (F/A-18C/D)  
**LOCATION, UIC:** MCAS Miramar, 09965

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMGRT-253 (C-130/KC-130)  
**LOCATION, UIC:** MCAS Cherry Point, 55251

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMMT-204 (MV-22)  
**LOCATION, UIC:** MCAS New River, 52842

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VP-30 (P-3C)

**LOCATION, UIC:** NAS Jacksonville, 65554

**TYPES OF MATERIAL OR AID**

	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VQ-4 (E-6A)

**LOCATION, UIC:** Tinker Air Force Base, Oklahoma, 33308

**TYPES OF MATERIAL OR AID**

	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VS-41 (S-3B)

**LOCATION, UIC:** NAS North Island, 65566

**TYPES OF MATERIAL OR AID**

	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots

**TRAINING ACTIVITY:** VT-21 (T-45)

**LOCATION, UIC:** NAS Kingsville, Texas, 0400A

**TYPES OF MATERIAL OR AID**

	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
CSEL CD-ROM	1	FY02	Pending
CSEL Courseware with Instructor Guide	1	FY02	Pending
CSEL Wall Posters	1 set	FY02	Pending
JSRC Software	1	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** NATTC Pensacola, 39869

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** NAS Norfolk, 39860

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** MCAS Cherry Point, 39861

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

EE 150-WG-OMI-010  
AN/GRC-242 UHF Base Station Manual

Hard copy 1 FY02 Pending

NA 16-30PRQ-7-1CL  
AN/PRQ-7 Radio Set Operator's Check List

Hard copy 8 FY02 Pending

NA 16-30PRQ7-1  
AN/PRQ-7 Radio Set Operator's Manual

Hard copy 8 FY02 Pending

NA 16-35CSEL-CPE-1  
CPE Operations and Maintenance Manual

Hard copy 8 FY02 Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** NAS Patuxent River, 39859

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
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EE 130-TA-OMI-010  
JSRC Software Manual

Hard copy 1 FY02 Pending

EE 150-WG-OMI-010  
AN/GRC-242 UHF Base Station Manual

Hard copy 1 FY02 Pending

NA 16-30PRQ-7-1CL  
AN/PRQ-7 Radio Set Operator's Check List

Hard copy 8 FY02 Pending

NA 16-30PRQ7-1  
AN/PRQ-7 Radio Set Operator's Manual

Hard copy 8 FY02 Pending

NA 16-35CSEL-CPE-1  
CPE Operations and Maintenance Manual

Hard copy 8 FY02 Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** NAS Jacksonville, 39862

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
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EE 130-TA-OMI-010  
JSRC Software Manual

Hard copy 1 FY02 Pending

EE 150-WG-OMI-010  
AN/GRC-242 UHF Base Station Manual

Hard copy 1 FY02 Pending

NA 16-30PRQ-7-1CL  
AN/PRQ-7 Radio Set Operator's Check List

Hard copy 8 FY02 Pending

NA 16-30PRQ7-1  
AN/PRQ-7 Radio Set Operator's Manual

Hard copy 8 FY02 Pending

**IV.B.3. TECHNICAL MANUALS**

NA 16-35CSEL-CPE-1 Hard copy 8 FY02 Pending  
 CPE Operations and Maintenance Manual

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** NS Oak Harbor, 39867

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** NAS Lemoore, 39866

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** Aviation Survival Training Center  
**LOCATION, UIC :** MCAS Miramar, 39864

**QTY DATE**

**IV.B.3. TECHNICAL MANUALS**

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	REQD	REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** NAS Jacksonville, 0349A

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** NAS Brunswick, 0348A

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending



**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** Warner Springs, 09530

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** NAF Atsugi, 49266

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** NAS Lemoore, 0347A

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** NAS Whidbey Island, 0345A

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** MCAS Miramar, 66656

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

NA 16-35CSEL-CPE-1 Hard copy 8 FY02 Pending  
 CPE Operations and Maintenance Manual

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** FASOTRAGRU  
**LOCATION, UIC :** NAS Kaneohe, 0346A

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMMT-164 (CH-46E)  
**LOCATION, UIC :** MCAS New River, 52842

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
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**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMT-302 (CH-53E)  
**LOCATION, UIC :** MCAS New River, 55203

EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
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EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
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NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
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NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
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NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending
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**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HS-1 (SH-60F)  
**LOCATION, UIC :** NAS Jacksonville, 65548

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
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EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
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EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
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NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
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NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
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NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending
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**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-30 (SH-2F)  
**LOCATION, UIC :** NAS Norfolk, 44848

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
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EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
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EE 150-WG-OMI-010	Hard copy	1	FY02	Pending
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**IV.B.3. TECHNICAL MANUALS**

NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-40 (SH-60B)  
**LOCATION, UIC :** NAS Mayport, 53913

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VAW-120 (E-2C/C-2)  
**LOCATION, UIC :** NAS Norfolk, 30680

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VF-101 (F-14)  
**LOCATION, UIC :** NAS Oceana, 65552

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY	DATE	STATUS
		REQD	REQD	
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VFA-106 (F/A-18A/B/C/D)  
**LOCATION, UIC :** NAS Oceana, 09679

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY	DATE	STATUS
		REQD	REQD	
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMAT-203 (AV-8B)  
**LOCATION, UIC :** MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY	DATE	STATUS
		REQD	REQD	
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMGRT-253 (C-130/KC-130)  
**LOCATION, UIC :** MCAS Cherry Point, 55251

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMMT-204 (MV-22)  
**LOCATION, UIC :** MCAS New River, 52842

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1	Hard copy	8	FY02	Pending



**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VP-30 (P-3C)  
**LOCATION, UIC :** NAS Jacksonville, 65554

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMT-301 (CH-53D)  
**LOCATION, UIC :** MCAS Kaneohe, Hawaii, 52843

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HMT-303 (AH-1W/UH-1N)  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HS-10 (SH-60F)  
**LOCATION, UIC :** NAS North Island, 65557

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-31 (SH-2F)  
**LOCATION, UIC :** NAS North Island, 66661

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

NA 16-35CSEL-CPE-1 Hard copy 8 FY02 Pending  
 CPE Operations and Maintenance Manual

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-41 (SH-60B)  
**LOCATION, UIC :** NAS North Island, 55138

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** HSL-84 (SH-2G)  
**LOCATION, UIC :** NAS North Island, 09055

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VAQ-129 (EA-6B)  
**LOCATION, UIC :** NAS Whidbey Island, 30694

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VFA-122 (F/A-18E/F)  
**LOCATION, UIC :** NAS Lemoore, 09355

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VFA-125 (F/A-18 A/B/C/D)  
**LOCATION, UIC :** NAS Lemoore, 65559

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending

**IV.B.3. TECHNICAL MANUALS**

EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VMFAT-101 (F/A-18C/D)  
**LOCATION, UIC :** MCAS Miramar, 09965

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VQ-4 (E-6A)  
**LOCATION, UIC :** Tinker Air Force Base, Oklahoma, 33308

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1	Hard copy	8	FY02	Pending



**IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VS-41 (S-3B)  
**LOCATION, UIC :** NAS North Island, 65566

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**CIN, COURSE TITLE:** CSEL Radio Set Operation and Use for Pilots  
**TRAINING ACTIVITY:** VT-21 (T-45)  
**LOCATION, UIC :** NAS Kingsville, Texas, 0400A

<b>TECHNICAL MANUAL NUMBER / TITLE</b>	<b>MEDIUM</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
EE 130-TA-OMI-010 JSRC Software Manual	Hard copy	1	FY02	Pending
EE 150-WG-OMI-010 AN/GRC-242 UHF Base Station Manual	Hard copy	1	FY02	Pending
NA 16-30PRQ-7-1CL AN/PRQ-7 Radio Set Operator's Check List	Hard copy	8	FY02	Pending
NA 16-30PRQ7-1 AN/PRQ-7 Radio Set Operator's Manual	Hard copy	8	FY02	Pending
NA 16-35CSEL-CPE-1 CPE Operations and Maintenance Manual	Hard copy	8	FY02	Pending

**PART V - MPT MILESTONES**

<b>COG CODE</b>	<b>MPT MILESTONES</b>	<b>DATE</b>	<b>STATUS</b>
DA	Awarded Initial Contract	FY96	Completed
DA	Published the GPS Integrated Logistics Support Plan (ILSP)	May 98	Completed
PDA	Performed Supportability Evaluation	Oct 99	Completed
DA	Prepared Initial NTSP	Aug 00	Completed
TSA	Prepared Draft NTSP	May 01	Completed
DA	Published Updated ILSP	Jun 01	Completed
DA	Began Operational Assessment	FY01	Completed
TSA	Began Initial Training	FY01	Completed
DA	Begin Fleet Introduction	FY02	Pending
OPTEVFOR	Begin Initial Operational Test and Evaluation	FY02	Pending
TSA	Deliver Initial TTE to Schoolhouses	FY02	Pending
DA	Attain Initial Operational Capability	FY02	Pending
DA	Attain Production and Deployment Phase of DAS	FY03	Pending
DA	Attain MSD	Oct 04	Pending

**PART VI - DECISION ITEMS / ACTION REQUIRED**

**DECISION ITEM OR ACTION REQUIRED**

**COMMAND ACTION**

**DUE DATE**

**STATUS**

There are no Decision Items or Actions Required.

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<p><b>CAPT Owen Fletcher</b>                      Deputy Aviation Maintenance Programs                      CNO, N781B                      fletcher.owen@hq.navy.mil</p>	<p><b>COMM:</b> (703) 604-7747  <b>DSN:</b> 664-7747  <b>FAX:</b> (703) 604-6972</p>
<p><b>LCDR Theresa Melcher</b>                      Resource Sponsor / Program Sponsor                      CNO, N780G4                      melcher.theresa@hq.navy.mil</p>	<p><b>COMM:</b> (703) 697-2937  <b>DSN:</b> 227-2937  <b>FAX:</b> (703) 695-7103</p>
<p><b>CAPT Terry Merritt</b>                      Head, Aviation Technical Training Branch                      CNO, N789H                      merritt.terry@hq.navy.mil</p>	<p><b>COMM:</b> (703) 604-7730  <b>DSN:</b> 664-7730  <b>FAX:</b> (703) 604-6939</p>
<p><b>AZCS Gary Greenlee</b>                      NTSP Manager                      CNO, N789H1A                      greenlee.gary@hq.navy.mil</p>	<p><b>COMM:</b> (703) 604-7743  <b>DSN:</b> 664-7743  <b>FAX:</b> (703) 604-6939</p>
<p><b>Mr. Robert Zweibel</b>                      Training Technology Policy                      CNO, N795K                      zweibel.robert@hq.navy.mil</p>	<p><b>COMM:</b> (703) 602-5151  <b>DSN:</b> 332-5151  <b>FAX:</b> (703) 602-5175</p>
<p><b>CDR Kevin Neary</b>                      Aviation Manpower                      CNO, N122C1                      n122c1@bupers.navy.mil</p>	<p><b>COMM:</b> (703) 695-3247  <b>DSN:</b> 225-3247  <b>FAX:</b> (703) 614-5308</p>
<p><b>LTCOL James Grace, USMC</b>                      USMC Program Sponsor                      CMC, APW-71                      gracejd@hqmc.usmc.mil</p>	<p><b>COMM:</b> (703) 614-1824  <b>DSN:</b> 224-1824  <b>FAX:</b> (703) 614-2318</p>
<p><b>LTCOL Norman Albert, USAF</b>                      CSEL Program Manager, USAF                      CMC, SMC/CZJ                      norman.albert@losangeles.af.mil</p>	<p><b>COMM:</b> (310) 363-6509  <b>DSN:</b> 833-6509  <b>FAX:</b> (310) 363-3844</p>
<p><b>Ms. Kristin Stith</b>                      Assistant Program Manager Logistics                      SPAWARSYSCOM, PMW/PMA187L                      stithk@spawar.navy.mil</p>	<p><b>COMM:</b> (619) 524-7763  <b>DSN:</b> 524-7763  <b>FAX:</b> (619) 524-3057</p>
<p><b>ATC Rick Paskoski</b>                      Training Systems Manager                      NAVAIRSYSCOM, PMA205-3G1                      paskoskira@navair.navy.mil</p>	<p><b>COMM:</b> (301) 757-8138  <b>DSN:</b> 757-8138  <b>FAX:</b> (301) 757-6945</p>

**PART VII - POINTS OF CONTACT**

<b>NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL</b>	<b>TELEPHONE NUMBERS</b>
<p><b>Mr. Bob Callow</b> GPS Assistant Program Manager Logistics NAVAIRSYSCOM, AIR 3.1.4L callowrr@navair.navy.mil</p>	<p><b>COMM:</b> (301) 757-8090 <b>DSN:</b> 757-8090 <b>FAX:</b> (301) 757-5331</p>
<p><b>Mrs. Pollyanna Randol</b> Aviation NTSP Point of Contact CINCLANTFLT, N-71 randolpa@clf.navy.mil</p>	<p><b>COMM:</b> (757) 836-0103 <b>DSN:</b> 836-0103 <b>FAX:</b> (757) 836-6737</p>
<p><b>Mr. Bob Long</b> Deputy Director for Training CINCPACFLT, N70 u70@cpf.navy.mil</p>	<p><b>COMM:</b> (808) 471-8513 <b>DSN:</b> 471-8513 <b>FAX:</b> (808) 471-8596</p>
<p><b>YN1 Dashawn Simmons</b> Selected Reservist Quota Control COMNAVAIRESFOR, N-333 simmonsdcnrf.nola.navy.mil</p>	<p><b>COMM:</b> (504) 678-1850 <b>DSN:</b> 678-1850 <b>FAX:</b> (504) 678-5064</p>
<p><b>CAPT Patricia Huiatt</b> Deputy Assistant, Chief of Naval Personnel for Distribution NAVPERSCOM, PERS-4B p4b@persnet.navy.mil</p>	<p><b>COMM:</b> (901) 874-3529 <b>DSN:</b> 882-3529 <b>FAX:</b> (901) 874-2606</p>
<p><b>CDR Timothy Ferree</b> Branch Head, Aviation Enlisted Assignments NAVPERSCOM, PERS-404 p404@persnet.navy.mil</p>	<p><b>COMM:</b> (901) 874-3691 <b>DSN:</b> 882-3691 <b>FAX:</b> (901) 874-2642</p>
<p><b>MAJ Henry Dominique, USMC</b> Head, ACE Branch, TFS Division MCCDC, C5325A dominiquehj@mccdc.usmc.mil</p>	<p><b>COMM:</b> (703) 784-6241 <b>DSN:</b> 278-6241 <b>FAX:</b> (703) 784-6072</p>
<p><b>MSGT Ralph Stark, USMC</b> USMC AMTCS Coordinator MCCDC, C473 starkrr@tecom.usmc.mil</p>	<p><b>COMM:</b> (703) 784-3709 <b>DSN:</b> 278-3709 <b>FAX:</b> (703) 784-3729</p>
<p><b>MSGT Jerry Moore, USMC</b> USMC MATMEP Coordinator MCCDC, C473 moorej1@tecom.usmc.mil</p>	<p><b>COMM:</b> (703) 784-3710 <b>DSN:</b> 278-3710 <b>FAX:</b> (703) 784-3729</p>
<p><b>LCDR Raymond Lawry</b> Aviation Department Head NAVMAC, 30 raymond.lawry@navmac.navy.mil</p>	<p><b>COMM:</b> (901) 874-6218 <b>DSN:</b> 882-6218 <b>FAX:</b> (901) 874-6471</p>

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
<b>AZCS Randall Lees</b> NTSP Coordinator NAVMAC, 33 randall.lees@navmac.navy.mil	<b>COMM:</b> (901) 874-6437 <b>DSN:</b> 882-6437 <b>FAX:</b> (901) 874-6471
<b>Mr. Steve Berk</b> CNET NTSP Distribution CNET, ETS-23 stephen.berk@cnet.navy.mil	<b>COMM:</b> (850) 452-8919 <b>DSN:</b> 922-8919 <b>FAX:</b> (850) 452-4853
<b>CDR Erich Blunt</b> Aviation Technical Training CNET, ETE-32 cdr-erich.blunt@cnet.navy.mil	<b>COMM:</b> (850) 452-4915 <b>DSN:</b> 922-4915 <b>FAX:</b> (850) 452-4901
<b>Mr. Phil Szczyglowski</b> Competency Manager NAVAIRSYSCOM, AIR 3.4.1 szczyglowspr@navair.navy.mil	<b>COMM:</b> (301) 757-8280 <b>DSN:</b> 757-8280 <b>FAX:</b> (301) 342-7737
<b>Mr. Bob Kresge</b> NTSP Manager NAVAIRSYSCOM, AIR 3.4.1 kresgerj@navair.navy.mil	<b>COMM:</b> (301) 757-1844 <b>DSN:</b> 757-1844 <b>FAX:</b> (301) 342-7737
<b>ATCS Dave Morris</b> NTSP Coordinator NAVAIRSYSCOM, AIR 3.4.1 morrism@navair.navy.mil	<b>COMM:</b> (301) 757-3093 <b>DSN:</b> 757-3093 <b>FAX:</b> (301) 342-7737
<b>GYSGT Darryl Stonebreaker, USMC</b> MPT Analyst NAVAIRSYSCOM, AIR 3.4.1 stonebreakdg@navair.navy.mil	<b>COMM:</b> (301) 757-3042 <b>DSN:</b> 757-3042 <b>FAX:</b> (301) 342-7737