NAVY TRAINING SYSTEM PLAN

FOR THE

C-20D/G AIRCRAFT

N78-NTSP-A-50-9306A/A

APRIL 2003

C-20D/G AIRCRAFT

EXECUTIVE SUMMARY

This C-20D/G Aircraft Navy Training System Plan provides an overview of the C-20D/G Aircraft program and its concepts for operation, support, manpower, and training. The C-20D Gulfstream III and C-20G Gulfstream IV Aircraft is a derivative of the off-the-shelf, Federal Aviation Administration certified aircraft. The C-20D/G Aircraft program is the Operations and Support phase of the Defense Acquisition System. The latest C-20D/G Aircraft modifications include: Traffic Alert and Collision Avoidance System, Enhanced Ground Proximity Warning System, Dual Flight Management System, Dual 12-Channel Global Positioning System, and Improved Automatic Flight Control System.

The C-20D Aircraft provides air transportation for high priority executive personnel and baggage. The C-20D Aircraft inventory consists of two aircraft; both aircraft are assigned to Fleet Logistics Support Squadron One (VR-1), Naval Air Facility (NAF) Washington.

The C-20G Aircraft is a logistic support aircraft designed for the transportation of passengers and cargo in support of Navy Unique Fleet Essential Airlift mission requirements. The C-20G Aircraft inventory currently consists of five aircraft. Two C-20G Aircraft are assigned to VR-48, NAF Washington, two aircraft are assigned to VR-51, and one aircraft is assigned to Marine Corps Air Facility (MCAF) Kaneohe Bay.

Training and Administration of Reserves (TAR) Naval Pilots operate the C-20D Aircraft located at VR-1. Both TAR and Selected Reserve (SELRES) Naval Pilots operate the C-20G Aircraft located at VR-48 and VR-51. Active Duty Navy personnel at VR-1 perform organizational level maintenance and limited intermediate level maintenance, while TAR and SELRES personnel perform organizational level maintenance and limited intermediate level maintenance at VR-48. Full depot level maintenance is provided by a Contractor Logistic Support (CLS) contract at VR-1 and VR-48. VR-51 uses CLS for full organizational, intermediate, and depot level maintenance.

All C-20D/G Pilot and maintenance training is provided by Flight Safety International located in Savannah, Georgia, and Long Beach, California. Commander Fleet Wing Support Joint Reserve Base Fort Worth provides C-20G Fixed Wing Loadmaster (R-553-3000) training.

C-20D/G AIRCRAFT

TABLE OF CONTENTS

	Page
Executive Summary	i
List of Acronyms	iii
Preface	vi
PART I - TECHNICAL PROGRAM DATA	
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-9
4. Training	I-10
I. Onboard (In-Service) Training	I-32
J. Logistics Support	I-33
K. Schedules	I-35
L. Government-Furnished Equipment and Contractor-Furnished Equipment Training Requirements	I-35
M. Related NTSPs and Other Applicable Documents	I-35
PART II - BILLET AND PERSONNEL REQUIREMENTS	II-1
PART III - TRAINING REQUIREMENTS	III-1
PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS	IV-1
PART V - MPT MILESTONES	V-1
PART VI - DECISION ITEMS/ACTION REQUIRED	VI-1
PART VII - POINTS OF CONTACT	VII-1
LIST OF ACRONYMS	

C-20D/G AIRCRAFT

LIST OF ACRONYMS

ACDU	Active Duty
AD	Aviation Machinist's Mate
ADF	Automatic Direction Finder
AE	Aviation Electrician's Mate
AFCS	Automatic Flight Control System
AM	Aviation Structural Mechanic
AME	Aviation Structural Mechanic (Safety Equipment)
AMTCS	Aviation Maintenance Training Continuum System
AOB	Average Onboard
AT	Aviation Electronics Technician
ATIR	Annual Training Input Requirement
CANTRAC	Catalog of Navy Training Courses
CIN	Course Identification Number
COMLANTFLT	Commander U.S. Atlantic Fleet
COMPACFLT	Commander U.S. Pacific Fleet
CLS	Contractor Logistic Support
CMC	Commandant of the Marine Corps
CMP	Computerized Maintenance Program
CNO	Chief of Naval Operations
COMBS	Contractor Operated and Maintained Base Supply
COMNAVAIRESFOR	Commander Naval Air Reserve Force
COMNAVAIRPAC	Commander Naval Air Forces Pacific
COMSEC	Communication Security Equipment
DAFCS	Digital Automatic Flight Control System
DME	Distance Measuring Equipment
EDS	Electronic Display System
EFIS	Electronic Flight Instrument System
EGPWS	Enhanced Ground Proximity Warning System
FAA	Federal Aviation Administration
FMS	Flight Management System
FSI	Flight Safety International
FY	Fiscal Year
GAC	Gulfstream Aerospace Company

C-20D/G AIRCRAFT

LIST OF ACRONYMS

GFE	Government Furnished Equipment
GIII	Gulfstream III Aircraft
GIV	Gulfstream IV Aircraft
GNSSU	Global Navigation Satellite System Unit
GPS	Global Positioning System
HF	High Frequency
IFF	Identification Friend or Foe
ILSP	Integrated Logistics Support Plan
JRB	Joint Reserve Base
MASD	Marine Aircraft Support Detachment
MATMEP	Maintenance Training Management and Evaluation Program
MCAF	Marine Corps Air Facility
MCCDC	Marine Corps Combat Development Command
MOS	Military Occupational Specialty
MPT	Manpower, Personnel, and Training
MTIP	Maintenance Training Improvement Program
NA	Not Applicable
NAF	Naval Air Facility
NAMP	Naval Aviation Maintenance Program
NATOPS	Navy Air Training and Operating Procedures Standardization
NAVAIR	Naval Air Systems Command
NAVMAC	Naval Manpower Analysis Center
NAVPERSCOM	Naval Personnel Command
NETC	Naval Education and Training Command
NEC	Navy Enlisted Classification
NTSP	Navy Training System Plan
OLSP	Operational Logistics Support Plan
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
PDA	Principal Development Agency

C-20D/G AIRCRAFT

LIST OF ACRONYMS

PMA	Program Manager, Air
PQS	Personnel Qualification Standards
PR	Aircrew Survival Equipmentman
PSE	Peculiar Support Equipment
RFT	Ready For Training
SELRES	Selected Reserve
SRA	Shop Replaceable Assembly
TAR	Training and Administration of Reserves
TCAS	Traffic Alert and Collision Avoidance System
TD	Training Device
TEE	Training Effectiveness Evaluation
TFMMS	Total Force Manpower Management System
TO	Table of Organization
TSA	Training Support Agency
TTE	Technical Training Equipment
USMC	United States Marine Corps
VHF	Very High Frequency
VN	Vertical Navigation
VR	Fleet Logistics Support Squadron
WRA	Weapon Replaceable Assembly

C-20D/G AIRCRAFT

PREFACE

This Approved Navy Training System Plan (NTSP) has been developed to update the C-20D/G Logistics Aircraft Draft NTSP, A-50-9306A/D, dated March 2002. This document 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 NTSP provides the latest information about the C-20D/G Aircraft, including training, manpower, aircraft modifications, schedules, and points of contact. This NTSP also incorporates comments received from the review of the March 2002 Draft NTSP, A-50-9306A/D. Comments were received from:

- Chief of Naval Operations, Aviation Technical Training Section (N789H)
- Naval Education and Training Command (N00T)
- Commander, Naval Air Reserve Force
- Logistics Support Wing Commander, Fleet
- Commander, Naval Air Force U.S. Pacific Fleet
- Commanding Officer VR-51

Comments received recommended changes including: updated courses and courses identification numbers, manpower, publications, points of contact, and comments of a general nature.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. **Nomenclature-Title-Acronym.** C-20D/G Aircraft

2. **Program Element.** 0505196N

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 (N780G1)

OPO Resource Sponsor..... CNO (N780G1)

Marine Corps Program Sponsor ..... CMC (APW-61)

Developing Agency ..... NAVAIR (PMA207)

Training Agency ..... COMNAVRESFOR

Training Policy Manager .....CNO (N789H3)

Training Support Agency..... NAVAIR (PMA205)
COMNAVAIRESFOR

Manpower and Personnel Mission Sponsor..... CNO (N12)
NAVPERSCOM (PERS-4, PERS-404)

Director of Naval Education and Training ..... CNO (N00T)

Head, Aviation Manpower and Training ..... CNO (N789)

Commander, Reserve Program Manager..... COMNAVAIRESFOR (N36)

Marine Corps Force Structure..... MCCDC (ASM-42)

D. SYSTEM DESCRIPTION

1. Operational Uses

a. C-20D. The mission of the C-20D Aircraft is to provide air transportation for high priority executive personnel or distinguished visitors and baggage.

b. C-20G. The C-20G Aircraft is a logistic support aircraft designed for the transportation of passengers and cargo in support of Navy Unique Fleet Essential Airlift mission requirements. The C-20G Aircraft transports personnel and cargo utilizing various passenger and cargo configurations.

2. Foreign Military Sales. Not Applicable (NA)

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST

1. C-20D. NA

2. C-20G. A Technical Evaluation of all systems and flying capabilities, as well as emergency egress and cargo loading, was successfully performed in Fiscal Year (FY) 94 by NAVAIR at Patuxent River, Maryland. An Operational Evaluation was not required.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. NA

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The C-20D Gulfstream III (GIII) and the C-20G Gulfstream IV (GIV) Aircraft are manufactured by Gulfstream Aerospace Company (GAC). Both aircraft were procured as a commercial-derivative aircraft certified under a Federal Aviation Administration (FAA) Type certificate. The C-20D/G Aircraft is capable of all weather, long-range, high-speed, non-stop flights up to an altitude of 45,000 feet between nominally suited airports. Both aircraft contain a walk-in baggage area of 157 cubic feet, fully pressurized, and accessible from the cabin.

a. C-20D. The C-20D is a dual engine, swept-wing, high altitude aircraft used as a special mission aircraft. The C-20D employs a retractable tricycle landing gear with a hydraulic powered nose wheel steering system and is powered by two Spey Mark 511-8 Rolls-Royce turbofan engines equipped with thrust reversers. The aircraft has an executive compartment with accommodations for five passengers and a staff compartment with accommodations for eight passengers.

b. C-20G. The C-20G is a dual engine, low-wing, twin turbofan, pressurized monoplane, specifically designed for all-weather operation at high altitudes. The aircraft uses a fully retractable landing gear and is powered by two aft-mounted Limited Tay MK611-8 Rolls-

Royce turbofan engines equipped with thrust reversers. The aircraft may be configured for cargo operations, passenger operations, or combinations of the two. With passenger seats removed, the aircraft may be modified to the following configurations: three pallets and no passengers; two pallets and eight passengers; or one pallet and up to 20 passengers. With a full complement of seats installed, the aircraft is capable of accommodating up to 26 passengers and a crew of four. Without any seats installed, the C-20G can carry a total of 4758 pounds of cargo. A hydraulically operated cargo door is installed on the starboard side of the aircraft to facilitate loading and unloading of cargo. A ball roller cargo floor is capable of accommodating palletized cargo.

c. C-20D/G Avionics Equipment. C-20D and C-20G Aircraft avionics equipment are depicted in the following table:

EQUIPMENT TITLE	**C-20D GIII**	**C-20G GIV**
Very High Frequency (VHF) Communication Transceiver	VHF Communication Transceiver-21B	VHF Communication Transceiver-422B
Intercommunications System	Baker M1045	Baker M1045
High Frequency (HF) Radio Set	AN/ARC-190(V)	AN/ARC-9000
Ultra HF Radio	AN/ARC-164(V)	AN/ARC-164(V)
Identification Friend or Foe (IFF) Transponder Set	AN/APX-100(V)	AN/APX-100(V)
Air Traffic Control Transponder	TDR-94	TDR-94
IFF Receiver Transmitter	RT-1296	RT-1157
Distance Measuring Equipment (DME)	DME-42	DME-442
Tactical Air Communication and Navigation	AN/ARN-136A(V)	AN/ARN-153(V)
VHF Navigation Receiver	VIR-32	VIR-432
Automatic Direction Finder (ADF)	ADF-60A	ADF-462
Automatic Flight Control System	SPZ-800	SPZ-8000
Flight Data Recorder	PV-1584	F1000
Cockpit Voice Recorder	A-100	A-100A

EQUIPMENT TITLE	C-20D GIII	C-20G GIV
Emergency Locator Beacon	DM-ELT 8.1	DM-ELT 14
Enhanced Ground Proximity Warning System (EGPWS)	Mark III	Mark V
Wind Shear	Included in EGPWS (Mode 7)	Included in EGPWS (Mode 7)
Traffic Alert and Collision Avoidance System (TCAS)	TCAS-2000	TCAS-2000
Electronic Flight Instrument System (EFIS)	EFIS-10	EDZ-884
Flight Management System	FMZ-2000	FMZ-2000
Transponder, Mode	TDR-90	TDR-90
Weather Color Radar	RDS-86	PRIMUS-870
Computer Flight Director/Guidance	FZ-500	FZ-820
Digital Air Data Computer	AZ-800	AZ-810
Inertial Reference System	YG-1761 (II)	LASEREF II
Radio Altimeter	ALT-55B	AA-300
Radio Receiver-Transmitter	NA	RT-300
Attitude Heading Reference System	VG-311	HG-1076AA01
Control Display Vertical Navigation (VN)	VN-801	NA
Compass System Automatic	C-11B	FXU-803A

2. Physical Description. C-20D and C-20G Aircraft physical description and parameters are depicted below.

PARAMETER	C-20D GIII	C-20G GIV
Maximum Ramp Gross Weight (pounds)	70,200	73,600

Maximum Takeoff Gross Weight (pounds)	69,700	73,200
Maximum Landing Gross Weight (pounds)	58,500	58,500
Maximum Zero Fuel Gross Weight (pounds)	44,000	46,500
Wing Span (feet)	77.83	77.10
Length (feet)	83.20	88.40
Tail Height (feet)	24.37	24.51
Horizontal Stabilizer, Width (feet)	27.00	32.00
Main Landing Gear Span (feet)	13.80	13.80
Range in Nautical Miles (nautical miles)	4,100	3,200
Cruise Speed, Maximum (knots)	576	490

3. New Development Introduction

a. C-20D. In 1984, the United States Air Force competed and awarded a contract to GAC for lease with the option to buy C-20 aircraft. In 1986, the Navy was authorized to procure two C-20 Aircraft to replace the aging TA-3B Aircraft. This requirement was to be satisfied through participation in the Air Force C-20 program. In 1987, two C-20D Aircraft were purchased and delivered to Fleet Logistics Support Squadron (VR-1) Naval Air Facility (NAF) Washington, D.C.

b. C-20G. The C-20G Aircraft was a new manufacture, commercial transport type airplane manufactured by GAC. Initiation of the C-20G Aircraft procurement process began with the submission of the initial procurement request in May 1991, followed by a contract being awarded in March 1992. Five C-20G Aircraft were delivered in 1995.

4. Significant Interfaces. The existing Contractor Operated and Maintained Base Supply (COMBS) at NAF Washington is operated as a joint United States Air Force-Navy-Army facility. The COMBS facility is augmented as required to include Navy support requirements. The contractor established and maintains a maintenance data collection system. This system, the GAC Computerized Maintenance Program (CMP), includes on-site Electronic Data Transmittal capability. The government has access capability for review and extraction of the CMP data. The COMBS system also ensures the availability of all support equipment required for aircraft maintenance for the C-20D/G. Full-service C-20G COMBS and CMP capabilities are also available at Marine Corps Air Facility (MCAF) Kaneohe Bay, Hawaii.

5. New Features, Configurations, or Material. The C-20D and C-20G Aircraft have recently incorporated modifications that include the following:

a. Traffic Alert and Collision Avoidance System. The TCAS warns the pilot of traffic conflicts and gives guidance to avoid collision. The TCAS is a requirement for

European airspace operations. The system features enhanced sensitivity and detection range, increased processor speed, and lower weight, while enabling future TCAS upgrades. The TCAS is an instrument integrated into other C-20D/G systems in the aircraft cockpit. It consists of hardware and software that together provide a set of electronic eyes so that the Pilot can see the traffic situation in the vicinity of the aircraft. Part of the TCAS capability is a display showing the Pilot the relative positions and velocities of aircraft up to 40 miles away. The instrument sounds an alarm when it determines that another aircraft will pass too closely to the subject aircraft. TCAS provides a backup to the Air Traffic Control system's regular separation processes. The system determines the course of each approaching aircraft, climbing, descending, or flying straight and level. TCAS then issues a resolution advisory advising the Pilot to execute an evasive maneuver necessary to avoid the other aircraft, such as climb or descend. TCAS 2000 was installed in all C-20D/G Aircraft in FY99.

b. Enhanced Ground Proximity Warning System. The EGPWS is a terrain awareness and warning system that incorporates terrain alerting and display functions. These functions use aircraft geographic position, aircraft altitude, and the terrain database to predict potential conflicts between the aircraft's flight path and the terrain, and to provide graphic displays of the conflicting terrain. The C-20D utilizes the EGPWS Mark III configuration while the C-20G Aircraft uses the Mark V version. EGPWS was installed in all C-20D/G Aircraft in FY99.

c. Global Positioning System. The Global Positioning System (GPS) modification included the installation of a 12-channel receiver. The Global Navigation Satellite System Unit (GNSSU) offers precise position and guidance information and enhanced approach capability using the GPS. The 12-channel receiver tracks all satellites in view, which could be as many as 12, to provide precise position determination. Advanced multiple positions correlator signal processing gives the GNSSU fast satellite acquisition and enhanced satellite tracking capabilities.

d. Flight Management System. Both the C-20D and C-20G Aircraft incorporate the FMZ-2000 Flight Management System (FMS), but utilize different configurations. The FMS provides lateral and vertical navigation guidance for display and coupling to the AFCS. The system provides high accuracy, long-range navigation and the navigation computer connects to the inertial reference system. The C-20D/G FMS was installed in FY99.

(1) C-20D Unique Modifications. The installation of the FMS was interfaced with the existing EFIS. The EFIS-10 is an electronic instrument system that displays digital information from avionics subsystems. It allows the flight crew to easily view navigation, weather radar, landing, and other vital flight information via two display units, one symbol generator, and an EFIS control panel. The display units, like computer monitors, provide visual information to the flight crew from the symbol generator. Crews select the particular subsystem to display using the EFIS control panel.

(2) C-20G Unique Modifications. The installation of the FMS was interfaced with the existing Electronic Display System (EDS). The EDS-884 provides the flight

crew with complete flight path, navigation, engine, and systems information. Specifically, the EDS displays heading, course, radio bearing, pitch and roll attitude, barometric altitude, calibrated airspeed, selected alert altitude, vertical speed, angle of attack, radio altitude, lateral and vertical deviation, engine parameters, weather advisories, and caution and advisory indications. EDS consists of the EFIS, Engine Instrument, and Crew Alerting System.

(3) SPZ-8000 Digital Automatic Flight Control System. The C-20G incorporates the SPZ-8000 Digital Automatic Flight Control System (DAFCS). The SPZ-8000 provides "fail-operational" execution of flight director guidance, autopilot, yaw damper, and trim functions. "Fail-operational" is defined as a fault or failure of a system component that causes an automatic switch to an identical backup component without any interruption in the system operation. Automatic path mode commands are generated by a flight guidance DAFCS computer that integrates the attitude and heading reference, air data, weather radar, radio altimeter, EDS, and FMS into a complete aircraft control system. The system provides the stabilization and control needed to ensure optimum performance throughout the aircraft flight regime.

H. CONCEPTS

1. Operational Concept

a. C-20D. The C-20D Aircraft is operated by two Pilots and a Crew Chief. Naval Aircrewmen and/or Flight Stewards (special assignment) are added as required.

b. C-20G. The C-20G Aircraft is operated by two Pilots and a Crew Chief. A Loadmaster is added as required.

2. Maintenance Concept. The maintenance concept for the C-20D/G Aircraft is based on three levels of maintenance as stated in the Naval Aviation Maintenance Program (NAMP), Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2 (series). For the C-20D/G Aircraft program, OPNAVINST 4790.2 series is utilized for general policies and reporting procedures only. Organizational maintenance is provided by contractor personnel at Marine Aircraft Support Detachment (MASD), NAF Washington, and at VR-51 located at MCAF Kaneohe Bay. Overhaul and repair of contractor furnished equipment is handled via FAA approved sources and meets serviceability, inspection criteria, and functional test requirements of the FAA and component manufacturer. When applicable, repaired items will show evidence of FAA certification. The contractor is required to support the operational readiness goals of 85% Full Mission Capable (FMC) rate, including 75 flight hours per month per aircraft for the C-20D and 125 flight hours per month per aircraft for the C-20G. The C-20D/G aircraft maintenance concept is performed in accordance with the requirements and procedures prescribed by GAC, utilizing the CMP. The only Government Furnished Equipment (GFE) is the Communication Security Equipment (COMSEC). If GFE COMSEC is removed for repair, the contractor will record removal and installation data, and return unserviceable items to the operating squadron or detachment for repair.

a. Organizational. Navy personnel at VR-1 and VR-48, NAF Washington perform C-20D/G limited organizational maintenance. Limited organizational level maintenance consists of battery check and servicing, and survival equipment servicing. Organizational level maintenance is performed by Contractor Logistic Support (CLS) contract at MASD, NAF Washington, and VR-51 MCAF Kaneohe Bay. Aviation maintenance ratings with NEC 8314 perform organizational level maintenance on the C-20G (Gulfstream IV) aircraft, and NEC 8392, perform organizational level maintenance on the C-20D (Gulfstream III) aircraft.

(1) Preventive Maintenance. C-20D/G preventive maintenance consists of standard pre-flight and post-flight inspections, and regular calendar and flight hour corrosion and material inspections in accordance with the Maintenance Requirements Cards (MRC).

(2) Corrective Maintenance. C-20D/G corrective maintenance consists of fault isolation to a defective Weapon Replaceable Assembly (WRA) or Shop Replaceable Assembly (SRA), removal and replacement of defective WRAs or SRAs, and verification of the repair using built-in test equipment, the appropriate test sets, or common support equipment. WRAs and SRAs requiring repair beyond the capability of the organizational level are forwarded to the appropriate COMBS for replacement and/or repair.

b. Intermediate. C-20D/G intermediate maintenance is performed in accordance with the requirements and procedures prescribed by GAC utilizing the CMP and as directed by the Navy Program Office Program Manager Air (PMA) 207. The contractor provides full C-20D/G intermediate level maintenance for all MCAF Kaneohe Bay aircraft. Intermediate level maintenance consists of all off-equipment maintenance, calibration, and overhaul, including GFE on an as-required basis that does not require the in-depth depot level maintenance.

c. Depot. The contractor performs all depot level maintenance at a facility licensed by the FAA. Currently, Midcoast Aviation, a wholly owned subsidiary of Sabreliner Corporation, provides depot maintenance, repair, and painting services at St. Louis Downtown Parks Airport, Cahokia, Illinois. All depot level maintenance modifications, inspections, and rework are accomplished at this facility.

d. Interim Maintenance. GAC contractor field service personnel maintaining the C-20G Aircraft at MCAF Kaneohe Bay provide technical support and field team assistance. Field team assistance is defined as those occasions when contractor personnel are dispatched at the government's request to a location other than the contractor's facility for the purpose of accomplishing aircraft maintenance. Until October 2000, VR-1, NAF Washington, had a permanent C-20D GAC Technical Representative assigned to them, but the contract was not renewed upon expiration. A C-20D Technical Representative for VR-1 is no longer considered economical. Maintenance is also available for requirements beyond the capability of the organizational level. Emergency repair maintenance normally consists of modernization, modification, conversion, in-service repair, or other major maintenance actions that are performed at the contractor's facility.

e. Life Cycle Maintenance Plan. The Standard Depot Level Maintenance (SDLM) based maintenance philosophy was replaced with the Integrated Maintenance Concept (IMC) in October 2000. GAC performs scheduled depot level maintenance at 72-month intervals and at the completion of 5,000 landings and every 2,000 landings thereafter, in accordance with GAC GIII and GIV maintenance manuals. Heavy engine maintenance is provided by, Rolls-Royce of Canada. The C-20D/G engine mid-life inspection is performed at 4000 flight hours, and engine overhaul is performed at 8000 flight hours. The C-20D/G Aircraft has an expected life of 20,000 flight hours and 20,000 ground-air-ground cycles flown to corporate aircraft usage spectra, except for those life-limited components identified in the C-20D/G maintenance manual that identify FAA approved retirement times.

3. Manning Concept. The C-20D/G Aircraft manpower requirements for Pilots and Aircrew are driven by the Required Operating Capability and Projected Operational Environment (ROC/POE). The C-20D/G manpower requirements are as follows:

POSITION	DESIGNATOR/ RATING	NEC	MOS	CREW RATIO		SEAT FACTOR
				USN	USMC	
Pilot - Copilot	1311, 1312	NA	7553	6.0	4.0	2
Crew Chief	◦ Aviation Machinist's Mate (AD) ◦ Aviation Electrician's Mate (AE) ◦ Aviation Structural Mechanic (Safety Equipment) (AME) ◦ Aviation Structural Mechanic (AM) ◦ Avionics Technician (AT)	8245	6246	6.0	4.0	1
Loadmaster	Any Aviation Specialty	8278	NA	6.0	4.0	1
Aircrewman (Special Assignment)	Determined by CHNAVPERS	8289	NA	6.0	NA	1

a. Estimated Maintenance Man-Hours per Flight Hour. NA

b. Proposed Utilization

C-20D/G AIRCRAFT PLANNED UTILIZATION

ACTIVITY	VR-1	VR-48	VR-51	MCAF Kaneohe Bay
Aircraft Per Activity	2	2	2	1
Average Monthly Utilization Rate Per Aircraft (Hours)	75	125	125	100
Average Sortie Length (Hours)	4.0	6.0	6.0	6.0

c. Recommended Qualitative and Quantitative Manpower Requirements. Manpower requirements shown in Part II for C-20D/G squadrons were extracted from the Total Force Manpower Management System (TFMMS) and Marine Corps Table of Organization (T/O) dated 16 October 2002. The Marine Corps personnel that will operate the C-20G Aircraft at MCAF Kaneohe Bay will have various MOSs, but Pilots will require secondary MOS 7553 (C-20 Pilot).

ACTIVITY	BILLET TYPES	AIRCREW DESIG/NEC/MOS	MAINTENANCE NEC
MCAF Kaneohe Bay, T/O 8323 (C-20G)	USMC ACDU	9967/9969/6246*	NA - CLS
VR-48, UIC 52893 (C-20G)	USN TAR and SELRES	1311/8245/ 8278/8314	8314
VR-51, UIC 39501 (C-20D)	USN TAR and SELRES	1311/8245/ 8278/8392	NA - CLS
VR-1, UIC 42884 (C-20G)	Officer - USN TAR Enlisted - USN ACDU	1311/8245/ 8289/8314	8392

Note: * MOS 6246 is not included in the current T/O 8323. This change will be included in this NTSP when the information becomes available.

4. Training Concept. All C-20D/G Aircraft initial and recurrent Pilot, Crew Chief, and maintenance training is currently provided via contract with Flight Safety International (FSI), located in Savannah, Georgia, and Long Beach, California. C-20D/G Aircraft organizational maintenance training is only available through FSI's Savannah training center. Commander

Naval Air Reserve Force (COMNAVAIRESFOR) has established the following C-20D/G organizational maintenance technician pipelines:

- *R-102-2017, C-20D (G-III) Avionics/Electrical Initial*
- *R-601-2017, C-20D (G-III) Power Plants/Airframes Initial*
- *R-102-2010, C-20G (G-IV) Avionics/Electrical Initial*
- *R-601-2009, C-20G (G-IV) Maintenance Initial*

The only course not provided by contract is C-20G Loadmaster training. C-20G Loadmasters attend *R-553-3000, Fixed Wing Loadmaster Course*, at Joint Reserve Base (JRB) Fort Worth, Texas. Loadmasters also attend an American Airline Emergency Egress Procedures three-day training course located in Dallas, Texas.

C-20D/G Crew Chiefs do not have their own training pipeline. Both C-20D and C-20G Crew Chiefs attend separate GIII and GIV Maintenance initial training. After 12 to 18 months in their respective commands, Crew Chiefs then attend Pilot Refresher Training conducted by FSI.

Maintenance training courses for personnel in the C-20D/G community are now mandatory as per NAVPERS 18068F (refer to CNARF MSG 051200Z APR 01).

a. Initial Training. Initial training for Pilots and Aircrew are available and are listed following this paragraph (called "Initial Training"). All maintenance courses now have established CINs and have been moved into the "Follow-On Training" paragraph.

Title	**Gulfstream III Pilot Initial Training**
Description	This course provides training to the first tour C-20D Pilot, including: ° Flight Training Systems ° Avionics and Electrical Systems ° Power Plant and Related Systems ° Hydraulic and Pneumatic Systems ° Communications and Navigation Systems ° FMS ° TCAS ° EGPWS ° Egress and Ditching Procedures ° Crew Tactics and Safety ° Navy Air Training and Operating Procedures Standardization (NATOPS) Upon completion, the student will be able to perform as a C-20D Pilot in a squadron environment.
Locations	° FSI, Savannah ° FSI, Long Beach

Length	22 days
RFT date	Currently available
Skill identifier.....	NOBC 1311 and 1312
TTE/TD	Gulfstream III Flight Simulator
Prerequisites	° B-322-0041, Refresher Physiology, Tactical Jet Training ° B-9E-1224, Naval Aviation Water Survival Program R-4 ° Security Clearance - Secret

Title	**Gulfstream III Pilot Recurrent Training**
Description	This course provides training to the recurrent C-20D replacement Pilot or Aircrewman, including: ° Aircraft System Normal Operations and Procedures ° Emergency and Abnormal Aircraft System Procedures ° Weight and Balance ° Flight Planning ° Egress and Ditching Procedures ° Crew Tactics and Safety ° NATOPS Upon completion, the student will be able to perform as a C-20D Pilot or Aircrewman in a squadron environment.
Locations	° FSI, Savannah ° FSI, Long Beach
Length	5 days
RFT date	Currently available
Skill identifier.....	° NOBCs 1311 and 1312 ° NEC 8245 ° NEC 8289
TTE/TD	Gulfstream III Flight Simulator
Prerequisites	° B-322-0041, Refresher Physiology, Tactical Jet Training ° B-9E-1224, Naval Aviation Water Survival Program R-4 ° Security Clearance - Secret

Note: C-20D Naval Aircrewman NEC 8245 and 8289 attend Gulfstream III Pilot Recurrent training as refresher training.

Title	**Gulfstream IV Pilot Initial Training**
Description	This course provides training to the first tour C-20G Pilot, including: ° Flight Training Systems ° Avionics and Electrical Systems ° Power Plant and Related Systems ° Hydraulic and Pneumatic Systems ° Communications and Navigation Systems ° FMS ° TCAS ° EGPWS ° Egress and Ditching Procedures ° Crew Tactics and Safety ° NATOPS Upon completion, the student will be able to perform as a C-20G Pilot in a squadron environment.
Locations	° FSI, Savannah ° FSI, Long Beach
Length	21 days
RFT date	Currently available
Skill identifier.....	° NOBC 1311 ° MOS 7553 (secondary)
TTE/TD	Gulfstream IV Flight Simulator
Prerequisites.....	° B-9E-1224, Naval Aviation Water Survival Program R-4 ° Security Clearance - Secret ° ACT Course

Title	**Gulfstream IV Pilot Recurrent Training**
Description	This course provides training to the recurrent C-20G Pilot or Aircrewman, including: ° Aircraft System Normal Operations and Procedures ° Emergency and Abnormal Aircraft System Procedures ° Weight and Balance ° Flight Planning ° Egress and Ditching Procedures ° Crew Tactics and Safety ° NATOPS Upon completion, the student will be able to perform as a C-20G Pilot or Aircrewman in a squadron environment.
Locations	° FSI, Savannah ° FSI, Long Beach
Length	5 days
RFT date	Currently available
Skill identifier.....	° NOBC 1311 ° MOS 7553 (secondary) ° NEC 8245
TTE/TD	Gulfstream IV Flight Simulator
Prerequisites.....	° B-322-0041, Refresher Physiology, Tactical Jet Training ° B-9E-1224, Naval Aviation Water Survival Program R-4 ° Security Clearance - Secret

Note: C-20G Naval Aircrewman NEC 8245 attend Gulfstream IV Pilot Recurrent training as refresher training.

b. Follow-on Training

Title	**Fixed Wing Loadmaster Course**
CIN	R-553-3000
Model Manager....	Commander Fleet Support Wing
Description.....	This course provides training to the C-20G Loadmaster, including: ° Basic Principles of Weight and Balance ° Basic Aircraft Configuration ° Cargo Loading, Unloading, and Rigging Procedures ° In-flight Cargo Handling ° Hazardous Cargo Training ° Aircraft Systems and Flight Equipment ° Emergency Procedures ° Crew Tactics and Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform as a C-20G Loadmaster in a squadron environment under limited supervision.
Location	JRB Dallas
Length	12 days
RFT date	Currently available
Skill identifier	NEC 8278
TTE/TD.....	EAM-T6A Life Raft
Prerequisite	° E-2D-0032, Survival, Evasion, Resistance, and Escape ° B-9E-1224, Naval Aviation Water Survival Program R-4 ° Security Clearance – Secret

Title	**C-20G Cockpit Fault Analysis Course**
CIN	R-102-2007
Model Manager....	FSI, Savannah
Description.....	This course is provides training to the C-20G Electrical or Electronics Technician, including: ° System Component Operation ° Cockpit Instruments Location and Characteristics ° Cockpit Electrical Systems ° Maintenance Procedures ° Troubleshooting Techniques ° Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform C-20G cockpit instrument maintenance in a squadron environment under limited supervision.
Location	FSI, Savannah
Length	3 days
RFT date	Currently available
Skill identifier	° AT 8314 ° AE 8314
TTE/TD.....	NA
Prerequisites.....	° R-102-2015, C-20G Avionics and Electrical Initial ° Two years C-20G experience

Title	**C-20G Avionics Refresher Training Course**
CIN	R-102-2012
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20G AT, AE, or enlisted Aircrewman, including: ° C-20G Aircraft Modifications ° Communications Systems Operations ° Navigation Systems Operation ° Electrical and Engine System Operations ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform C-20G avionics or electrical maintenance in a squadron environment under limited supervision.
Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	° AT 8314 ° AE 8314
TTE/TD.....	GIV Flight Simulator
Prerequisite	R-102-2015, C-20G Avionics and Electrical Initial

Title	**C-20G Maintenance Initial Organizational Maintenance Course**
CIN	R-601-2009
Model Manager....	FSI, Savannah
Description.....	This course provides training to the first tour C-20G AD, AM, AME, PR, or enlisted Aircrewman, including: ° Power Plans System Operation ° Hydraulic Systems Operation ° Emergency Egress Systems Operation ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform as an entry-level C-20G organizational maintenance technician or Crew Chief in a squadron environment under direct supervision.
Location	FSI, Savannah
Length	26 days
RFT date	Currently available
Skill identifier	Any Aviation Rating
TTE/TD.....	NA
Prerequisites.....	° R-102-2015, C-20G Avionics and Electrical Initial ° Two years C-20G experience ° *AD:* C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1 ° *AM:* C-603-0176, Aviation Structural Mechanic Organizational Level Strand Class A1 ° *AME:* C-602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1 ° *PR:* C-602-2035, Aircrew Survival Equipment Common Core Class A1

Title	**C-20D Maintenance Initial Course**
CIN	R-601-2017
Model Manager....	FSI, Savannah
Description.....	This course provides training to the first tour C-20D AD, AM, AME, PR, or enlisted Aircrewman, including: ° Power Plant System Operation ° Emergency Egress System Operation ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform as an entry-level C-20D organizational maintenance technician or Crew Chief in a squadron environment under direct supervision.
Location	FSI, Savannah
Length	19 days
RFT date	Currently available
Skill identifier	Any Aviation Rating
TTE/TD.....	GIII Flight Simulator
Prerequisites.....	° *AD:* C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1 ° *AM:* C603-0176, Aviation Structural Mechanic Organizational Level Strand Class A1 ° *AME:* C602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1 ° *PR:* C-602-2035, Aircrew Survival Equipment Common Core Class A1

Title	**C-20G Electrical and Avionics Technician Course**
CIN	R-102-2015
Model Manager....	FSI, Savannah
Description.....	This course provides training to the first tour C-20G AT, AE, or enlisted Aircrewman, including: ° Electrical Systems Operation ° Communication and Navigation Systems Operation ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform as an entry-level C-20G organizational maintenance technician or Crew Chief in a squadron environment under direct supervision.
Location	FSI, Savannah
Length	26 days
RFT date	Currently available
Skill identifier	° AT ° AE
TTE/TD.....	GIV Flight Simulator
Prerequisites.....	° C602-2039, Aviation Electrician's Mate O Level Strand Class A1 ° C-100-2018, Avionics Technician O Level Class A1

Title	**C-20D Cockpit Fault Analysis Course**
CIN	R-102-2011
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20D Electrical or Electronic Technician, including: ° System Component Operation ° Cockpit Instruments Location and Characteristics ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform C-20D cockpit instrument and electrical systems maintenance in a squadron environment under limited supervision.
Location	FSI, Savannah
Length	3 days
RFT date	Currently available
Skill identifiers	° AT 83XX ° AE 83XX
TTE/TD.....	NA
Prerequisites.....	° R-102-2017, Avionics and Electrical Initial ° Two years C-20D experience

Title	**C-20D Avionics and Electrical Initial Course**
CIN	R-102-2017
Model Manager....	FSI, Savannah
Description.....	This course provides training to the first tour C-20D AT, AE, or enlisted Aircrewman, including: ° Communications System Operation System Component Operation, Location, and Characteristics ° Normal Operation ° Preventive and Corrective Maintenance Procedures ° Routine Servicing Requirements ° Troubleshooting Techniques ° Gulfstream IV Manuals ° Safety Upon completion, the student will be able to perform as an entry-level C-20D organizational maintenance technician or Crew Chief in a squadron environment under direct supervision.
Location	FSI, Savannah
Length	12 days
RFT date	Currently available
Skill identifiers	° AT ° AE
TTE/TD.....	GIII Flight Simulator
Prerequisites.....	° C602-2039, Aviation Electrician's Mate O Level Strand Class A1 ° C-100-2018, Avionics Technician O Level Class A1

Title	**C-20G Maintenance Manager Course**
CIN	R-600-2004
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20G Maintenance Department Manager or Maintenance Department Supervisory, including: ° Familiarization with Aircraft Operation, Functions, and Maintenance Practices ° Introduction to Gulfstream IV Maintenance ° Publications and Computerized Maintenance ° Gulfstream Field Support ° Aviation Integrated Management Software Program ° Technical Operations Support ° Rolls-Royce Tay Engine Operation ° Support Equipment ° Safety Upon completion, the student will be able to perform as a C-2G Maintenance Department Manager or Supervisor in a squadron environment without supervision.
Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	Any Aviation Rating
TTE/TD.....	GIV Flight Simulator
Prerequisite	Paygrade E-7 through E-9

Title	**C-20G Line Maintenance Course**
CIN	R-600-2005
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20G Maintenance Technician or enlisted Aircrewman, including: ° Overview of Airframe and Power Plant Systems ° Component Purpose, Location, Control, and Indication ° Routine Servicing Requirements ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Gulfstream IV Manuals ° Safety Upon completion, the student will be able to perform entry-level C-20G line maintenance in a squadron environment under direct supervision.
Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	Any Aviation Rating
TTE/TD.....	GIV Flight Simulator
Prerequisite	None

Title	**C-20G Mechanical Refresher Course**
CIN	R-600-2006
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20G Maintenance Technician or enlisted Aircrewman, including: ° Power Plant System Operation ° Emergency Egress System Operation ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Safety ° Gulfstream IV Manuals Upon completion, the student will be able to perform C-20G mechanical systems troubleshoot and repair in a squadron environment under limited supervision.

Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	NEC 8314
TTE/TD.....	GIV Flight Simulator
Prerequisite	R-601-2015, Mechanical Systems Organizational Maintenance

Title	**C-20D Maintenance Manager Course**
CIN	R-600-2007
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20D Maintenance Department Manager or Maintenance Department Supervisor, including: ° Familiarization with Aircraft Operation, Functions, and Maintenance Practices ° Introduction to Gulfstream IV Maintenance ° Publications and Computerized Maintenance ° Gulfstream Field Support ° Aviation Integrated Management Software Program ° Technical Operations Support ° Rolls-Royce Tay Engine Operation ° Support Equipment ° Safety Upon completion, the student will be able to perform as a C-2D Maintenance Department Manager or Supervisor in a squadron environment without supervision.
Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	Any Aviation Rating
TTE/TD.....	NA
Prerequisite	Paygrade E-7 through E-9

Title	**C-20G Advanced Systems Troubleshooting Course**
CIN	R-600-2009
Model Manager....	FSI, Savannah
Description.....	This course provides advanced training to the C-20G AT or AE, including: ° Electrical Systems Operation ° Communication and Navigation Systems Operation ° Preventive and Corrective Maintenance Procedures ° Safety ° Gulfstream IV Manuals ° In-depth System Testing and Troubleshooting ° Identifying Symptoms and Malfunctions of Electrical and Avionics Systems Upon completion, the student will be able to perform C-20G advanced system troubleshooting in a squadron environment under limited supervision.
Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	° AT 8314 ° AE 8314
TTE/TD.....	NA
Prerequisites.....	° R-102-2015, C-20G Avionics and Electrical Initial ° Two years C-20G experience

Title	**C-20D/G Corrosion Control Course**
CIN	R-600-2011
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20D/G Maintenance Technician, including: ° Identification of Common Corrosion Forms ° Corrosion Causes and Preventive Measures ° Sealant Types and Classes ° Corrosion Hazards and Treatment ° Developing a Corrosion Control Program Upon completion, the student will be able to perform C-20D/G organizational maintenance corrosion control and prevention in a squadron environment under limited supervision.
Location	FSI, Savannah
Length	3 days
RFT date	Currently available
Skill identifier	Any Aviation Rating
TTE/TD.....	NA
Prerequisite	None

Title	**C-20D Line Maintenance Course**
CIN	R-600-2015
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20D Maintenance Technician or enlisted Aircrewman, including: ° Overview of Airframe and Power Plant Systems ° Component Purpose, Location, Control, and Indication ° Routine Servicing Requirements ° Preventive and Corrective Maintenance Procedures ° Troubleshooting Techniques ° Gulfstream IV Manuals ° Safety Upon completion, the student will be able to perform entry-level C-20D line maintenance in a squadron environment under direct supervision.

Location	FSI, Savannah
Length	12 days
RFT date	Currently available
Skill identifier	Any Aviation Rating
TTE/TD.....	GIII Flight Simulator
Prerequisite	None

Title	**C-20D Airframes/Power Plants Update Course**
CIN	R-600-2018
Model Manager....	FSI, Savannah
Description.....	This course provides training to the C-20D Maintenance Technician or enlisted Aircrewman, including: ° Update on Recent Modifications to C-20D Power Plants and Airframes ° Systems Review ° Updated Troubleshooting Scenarios ° Maintenance and Servicing Upon completion, the student will be able to perform C-20D airframes and power plants maintenance in a squadron environment under limited supervision.
Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	NEC 8314
TTE/TD.....	GIII Flight Simulator
Prerequisite	R-601-2015, C-20G Mechanical Pipeline

Title	**C-20D Advanced Troubleshooting Course**
CIN	R-600-2019
Model Manager....	FSI, Savannah
Description.....	This course provides advanced training to the C-20D AT or AE, including: ° Electrical Systems Operation ° Communication and Navigation Systems Operation ° Preventive and Corrective Maintenance Procedures ° Safety ° Gulfstream IV Manuals ° In-depth System Testing and Troubleshooting Procedures ° Identifying Symptoms and Malfunctions of Electrical and Avionics Systems Upon completion, the student will be able to perform C-20D advanced system troubleshooting in a squadron environment under limited supervision.
Location	FSI, Savannah
Length	5 days
RFT date	Currently available
Skill identifier	° AT 8392 ° AE 8392
TTE/TD.....	GIII Flight Simulator
Prerequisite	° R-102-2017, C-20D Avionics and Electrical Initial ° Two years C-20D experience

Title	**American Airlines Emergency Egress Procedures**
Model Manager....	American Airlines
Description.....	This course provides training to the C-20G Loadmaster, including: ° General Emergency Procedures ° Weight and Balance Considerations ° Emergency Evacuation Procedures ° Emergency Equipment ° Hazardous Cargo Training ° Safety Procedures ° Publications Upon completion, the student will be able to perform as a C-20G Loadmaster in a squadron environment under limited supervision.
Location	American Airline Training Facility, Dallas
Length	3 days
RFT date	Currently available
Skill identifier	° NEC 8278 ° MOS XXXX
TTE/TD.....	° C-9 Cabin ° Water Survival Tank
Prerequisite	° E-2D-0032, Survival, Evasion, Resistance, and Escape ° B-9E-1224, Naval Aviation Water Survival Program R-4 ° Security Clearance - Secret

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
1311	° Q-2A-0010, Joint T-34C Intermediate Flight Training ° Designated Naval Pilot
1312	° Q-2A-0010, Joint T-34C Intermediate Flight Training ° Designated Naval Pilot
MOS 7553	° Q-2A-0010, Joint T-34C Intermediate Flight Training ° Designated Naval Pilot

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AD 8245	° C-601-2011, Aviation Machinist's Mate Common Core Class A1 ° C-601-2014, Aviation Machinist's Mate Turbojet Fundamentals Strand Class A1
AE 8245	° C100-2020, Avionics Common Core Class A1 ° C602-2039, Aviation Electrician's Mate O Level Strand Class A1
AME 8245	° C602-2033, Aviation Structural Mechanic E (Safety Equipment) Common Core Class A1 ° C602-2034, Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1
AM 8245	° C603-0175, Aviation Structural Mechanic Common Core Class A1 ° C603-0176, Aviation Structural Mechanic Organizational Level Strand Class A1
AT 8245	° C-100-2020, Avionics Common Core Class A1 ° C-100-2018, Avionics Technician O Level Class A1
PR	° C-602-2035, Aircrew Survival Equipment Common Core Class A1

d. Training Pipelines. All C-20D/G training pipelines and stand-alone courses are available in the CANTRAC.

C-20D/G PROPOSED PIPELINES AND STAND-ALONE COURSES

CIN	COURSE TITLE
C-20D Pipeline Courses:	
R-102-2017	C-20D Avionics/Electrical Initial
R-601-2017	C-20D Maintenance Initial
C-20D Stand-Alone Courses	
R-102-2011	C-20D Cockpit Fault Analysis
R-600-2007	C-20D Maintenance Manager
R-600-2019	C-20D Advanced Troubleshooting
R-600-2015	C-20D Line Maintenance

CIN	COURSE TITLE
R-600-2018	C-20D Power Plants/Airframes Update
R-600-2011	C-20D/G Corrosion Control
C-20G Pipeline Courses:	
R-102-2015	C-20G Electrical and Avionics Technician
R-602-2010	C-20G Avionics/Electrical Initial
R-601-2009	C-20G Maintenance Initial
C-20G Stand-Alone Courses:	
R-102-2007	C-20G Cockpit Fault Analysis
R-102-2012	C-20G Avionics Update
R-600-2004	C-20G Maintenance Manager
R-600-2009	C-20G Advanced Troubleshooting
R-600-2005	C-20G Line Maintenance
R-600-2006	C-20G Power Plants/Airframes
R-600-2011	C-20D/G Corrosion Control

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

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 Fiscal Year (FY) 03.

b. Aviation Maintenance Training Continuum System. 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 Operations (CNO) mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction 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 Aviation Maintenance Training Continuum System - Software Module (ASM) which provides testing [Test and Evaluation (TEV)], recording, 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 is 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 Maintenance Training Improvement Program (MTIP) and Maintenance Training Management and Evaluation Program (MATMEP) programs.

2. Reserve Job Qualification Requirements. Aircrew Reserve Job Qualification Requirements (RJQR) are used to ensure C-20D/G Aircraft proficiency. For Flight Crew personnel, the RJQR program is managed by COMFLELOGSUPPWING, Fort Worth, Texas.

3. Other Onboard or In-Service Training Packages. Marine Corps onboard training is based on the current series of Marine Corps Order P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 series 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. (MATMEP, is planned to be replaced by AMTCS.)

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-91-C-0255	Gulfstream Aerospace Corporation	P.O. Box 2206 Savannah, GA 31402-2206

CONTRACT NUMBER	MANUFACTURER	ADDRESS
S-F34601-95-C-0538	Sabreliner Corporation	Pierre LaClede Center 7733 Forsythia Blvd Suite 1500 St. Louis, MO 63105-1821
N61339-89-D-004	Flight Safety International	P.O. Box 2307 Savannah, GA 31402

2. Program Documentation. The Operational Logistics Support Plan (OLSP), number AC250, was updated in January 1995. The C-20G (only) Integrated Logistics Support Plan (ILSP), number AC-ILSP-336, was updated in December 1993.

3. Technical Data Plan. Maintenance manuals used for the C-20D/G Aircraft fleet are commercial specifications. These publications were obtained when the aircraft were purchased and are available at all sites. Manual updates for the C-20D/G Aircraft are purchased as part of the aircraft purchase. All technical drawings on the C-20D/G Aircraft fleet are maintained in a central library at GAC. For an extensive list of GAC commercial technical publications and required government maintenance publications, refer to OLSP AC250.

4. Test Sets, Tools, and Test Equipment. All tools, test sets, and support equipment peculiar to the C-20D/G aircraft have been purchased from GAC and are maintained and stored as directed by the C-20 Maintenance/Supply Contract.

5. Repair Parts. The contractor provides supply support for the C-20D/G Aircraft fleet. The contractor is responsible for receiving, acceptance inspection, stocking, issuing, warranty, repair, and shipment of aircraft parts and components. Repairs to all aircraft components are accomplished at a licensed FAA repair facility.

6. Human Systems Integration. The Navy C-20 is a commercial derivative aircraft that was designed many years ago. The mission has not changed. There is no information available through this Command to verify that the initial design process included human performance issues, although the individual HSI domains were undoubtedly subject to analysis to some extent. It is not anticipated that the existing airframe will be modified to the extent that an HSI program will be required/instituted. Addressing HSI factors at this time for the C-20 airframe will not influence or change any design feature. No human factors issues have been identified by user Commands.

The C-20 is not taught at an in-house Navy school; a commercial contractor is used to teach both aircrew and maintenance personnel. At this time, no information from the Fleet Logistics Support Wing at JRB Fort Worth has been received that indicates that graduates from the contractor training have been inadequately trained. There have been no readiness issues with

aircraft availability that have been directly tied to personnel training. Although course graduation is one of the requirements to award C-20 NECs, there is a period of OJT required where the student must demonstrate competence. The NEC is then awarded at the conclusion of this OJT period. A process will, however, be put in place where the wing will provide periodic feedback concerning the quality of training provided.

Environmental and Occupational Safety and Health requirements meet federal, state, and local standards, regulations, and directives and are enforced by respective agencies, as applicable.

K. SCHEDULES

1. Installation and Delivery Schedules. A total of seven C-20D/G Aircraft were procured. Two C-20D Aircraft are assigned to VR-1. Two C-20G Aircraft each are assigned to VR-48 and VR-51, and one C-20G Aircraft is assigned to MCAF Kaneohe Bay. At this time, there are no plans to purchase additional C-20D/G Aircraft.

2. Ready For Operational Use Schedule. NA.

3. Time Required to Install at Operational Sites. NA

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

5. Training Device and Technical Training Equipment Delivery Schedule. C-20D/G Training Devices (TD) and Technical Training Equipment (TTE) are owned, maintained, and updated by FSI.

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

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
None			

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the C20D/G Aircraft and, therefore, are not included in Part II of this NTSP:

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

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

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

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

SOURCE OF BILLETS: AMD/TO **DATE:** October 2002

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

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
OPERATIONAL ACTIVITIES - USN							
VR-1	42884	1	0	0	0	0	0
VR-48	52893	1	0	0	0	0	0
VR-51	39501	1	0	0	0	0	0
TOTAL:		3	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
MCAF Kaneohe Bay	00318	1	0	0	0	0	0
TOTAL:		1	0	0	0	0	0

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - USN					
VR-1, 42884					
ACDU	1	0	LT	6330	
	0	2	ADAN		
	0	1	AE3		
	0	1	AK3		
	0	1	AM2		
	0	2	AM3		
	0	1	AME3		
	0	1	APO1		
	0	1	AZ3		
	0	1	MSC	8289	
	0	1	MS1	8289	
	0	7	MS2	8289	
	0	1	YN3		
	0	1	YNSN		
TAR	2	0	CDR	1311	
	7	0	LCDR	1311	
	2	0	LT	1311	
	1	0	LT	1312	
	0	2	AD1		
	0	1	AD2		
	0	1	AD3		
	0	1	AEC		
	0	1	AE1		
	0	2	AE2		
	0	1	AK1		
	0	1	AK2		
	0	2	AM1		
	0	1	AM2		
	0	1	AM3		
	0	1	AME2		
	0	1	APOCS	8800	
	0	3	APOC		
	0	1	APOC	8314	
	0	1	APO1		
	0	5	APO1	8245	
	0	1	APO2		
	0	1	APO2	8245	
	0	2	AT1		
	0	1	AT2		
	0	1	AT3		
	0	2	AZ2		
	0	1	AZ2	6315	
	0	2	AZ3		
	0	1	PR1		

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
TAR	0	1	PR3		
	0	1	YN1		9588
SELRES	1	0	LT	1311	
ACTIVITY TOTAL:	14	61			
VR-48, 52893					
TAR	1	0	CDR	1311	
	3	0	LCDR	1311	
	1	0	LCDR	1520	
	1	0	LT	1311	
	1	0	LTJG	1311	
	0	2	AD1		
	0	1	AD2		
	0	1	ADAN		
	0	1	AE1		
	0	1	AE3		
	0	1	AEAN		
	0	1	AK1		
	0	1	AK2		
	0	2	AM1		
	0	2	AM2		
	0	2	AMAN		
	0	1	AME1		
	0	1	AME3		
	0	1	APOCM	8300	
	0	2	APOCS	8800	
	0	2	APOC		
	0	1	APOC	8278	
	0	1	APOC	8314	
	0	3	APO1		
	0	2	APO1	8245	
	0	1	APO1	8278	
	0	2	APO2		
	0	4	APO2	8245	
	0	3	APO2	8278	
	0	1	APO3	8278	
	0	2	AT1		
	0	1	AT2		
	0	1	AT3		
	0	1	ATAN		
	0	1	AZ1		
	0	1	AZ2		
	0	1	AZ2	6315	
	0	1	IT3	2735	
	0	1	PN2		
	0	2	PN3		

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
TAR	0	1	PR1		
	0	1	PR3		
	0	1	YNC		9588
	0	1	YN3		
	0	1	AN		
SELRES	1	0	CDR	1311	
	2	0	LCDR	1311	
	5	0	LT	1311	
	1	0	LT	1520	
	1	0	LT	2102	
	10	0	LTJG	1311	
	1	0	LTJG	1520	
	0	2	AD3		
	0	1	ADAN		
	0	1	AE1		
	0	1	AE2		
	0	1	AE3		
	0	1	AEAN		
	0	1	AK2		
	0	1	AK3		
	0	1	AKAN		
	0	1	AM1		
	0	1	AM1		9595
	0	4	AM3		
	0	1	AMAN		
	0	1	AME2		
	0	1	AMEAN		
	0	1	APOC		
	0	1	APO1		
	0	1	APO1	8245	
	0	1	APO1	8278	
	0	3	APO2		
	0	5	APO2	8245	
	0	1	APO2	8278	
	0	4	APO3	8278	
	0	1	AT3		
	0	1	ATAN		
	0	1	AZ2		
	0	1	AZ3		
	0	1	AZAN		
	0	1	DK2		
	0	1	PN1		
	0	1	PN2		
	0	1	PN3		
	0	2	PO2		
	0	1	PRAN		
	0	1	YN2		

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SELRES	0	1	YNSN		
	0	15	AN		
ACTIVITY TOTAL:	28	122			
VR-51, 39501					
TAR	1	0	CDR	1311	
	1	0	LCDR	1311	
	2	0	LT	1311	
	1	0	LT	1520	
	3	0	LTJG	1311	
	0	1	AK1		
	0	1	APOCS	8800	
	0	1	APOC	8278	
	0	1	APO1		
	0	1	APO1	8245	
	0	1	APO1	8278	
	0	4	APO2		
	0	7	APO2	8245	
	0	3	APO2	8278	
	0	1	APO3	8278	
	0	1	AZC	6315	
	0	1	DK2		
	0	1	IT2	2780	
	0	1	IT3	2735	
	0	3	PO2		
	0	1	YNC		9588
	0	1	YN2		
SELRES	1	0	CDR	1311	
	4	0	LCDR	1311	
	4	0	LT	1311	
	1	0	LT	2102	
	8	0	LTJG	1311	
	0	1	ADC		
	0	1	AMEC		9595
	0	1	APOC		
	0	2	APO1	8245	
	0	1	APO1	8278	
	0	2	APO2	8245	
	0	1	APO2	8278	
	0	4	APO3	8278	
	0	1	ATC		
	0	1	PN1		
	0	1	PN2		
	0	1	YN3		
	0	1	YNSN		
	0	10	AN		

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

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	26	58			
OPERATIONAL ACTIVITIES - USMC					
MCAF Kaneohe Bay, 00318					
USMC	2	0	CAPT	7553	
ACDU	1	0	LCDR	7553	
USMC	1	0	LCOL	7553	
	5	0	MAJ	7553	
	0	2	CPL	9916	
	0	2	LCPL	9916	
	0	2	SGT	9916	
AR	2	0	LCOL	7553	
ACTIVITY TOTAL:	11	6			

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
USN OPERATIONAL ACTIVITIES - ACDU													
LT	6330	1		0		0		0		0		0	
ADAN			2		0		0		0		0		0
AE3			1		0		0		0		0		0
AK3			1		0		0		0		0		0
AM2			1		0		0		0		0		0
AM3			2		0		0		0		0		0
AME3			1		0		0		0		0		0
APO1			1		0		0		0		0		0
AZ3			1		0		0		0		0		0
MSC	8289		1		0		0		0		0		0
MS1	8289		1		0		0		0		0		0
MS2	8289		7		0		0		0		0		0
YN3			1		0		0		0		0		0
YNSN			1		0		0		0		0		0
USN OPERATIONAL ACTIVITIES - TAR													
CDR	1311	4		0		0		0		0		0	
LCDR	1311	11		0		0		0		0		0	
LCDR	1520	1		0		0		0		0		0	
LT	1311	5		0		0		0		0		0	
LT	1312	1		0		0		0		0		0	
LT	1520	1		0		0		0		0		0	
LTJG	1311	4		0		0		0		0		0	
AD1			4		0		0		0		0		0
AD2			2		0		0		0		0		0
AD3			1		0		0		0		0		0
ADAN			1		0		0		0		0		0
AEC			1		0		0		0		0		0
AE1			2		0		0		0		0		0
AE2			2		0		0		0		0		0
AE3			1		0		0		0		0		0
AEAN			1		0		0		0		0		0
AK1			3		0		0		0		0		0
AK2			2		0		0		0		0		0
AM1			4		0		0		0		0		0
AM2			3		0		0		0		0		0
AM3			1		0		0		0		0		0
AMAN			2		0		0		0		0		0
AME1			1		0		0		0		0		0
AME2			1		0		0		0		0		0
AME3			1		0		0		0		0		0
APOCM	8300		1		0		0		0		0		0
APOCS	8800		4		0		0		0		0		0
APOC			5		0		0		0		0		0
APOC	8278		2		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
APOC	8314		2		0		0		0		0		0
APO1			5		0		0		0		0		0
APO1	8245		8		0		0		0		0		0
APO1	8278		2		0		0		0		0		0
APO2			7		0		0		0		0		0
APO2	8245		12		0		0		0		0		0
APO2	8278		6		0		0		0		0		0
APO3	8278		2		0		0		0		0		0
AT1			4		0		0		0		0		0
AT2			2		0		0		0		0		0
AT3			2		0		0		0		0		0
ATAN			1		0		0		0		0		0
AZC	6315		1		0		0		0		0		0
AZ1			1		0		0		0		0		0
AZ2			3		0		0		0		0		0
AZ2	6315		2		0		0		0		0		0
AZ3			2		0		0		0		0		0
DK2			1		0		0		0		0		0
IT2	2780		1		0		0		0		0		0
IT3	2735		2		0		0		0		0		0
PN2			1		0		0		0		0		0
PN3			2		0		0		0		0		0
PO2			3		0		0		0		0		0
PR1			2		0		0		0		0		0
PR3			2		0		0		0		0		0
YNC	9588		2		0		0		0		0		0
YN1	9588		1		0		0		0		0		0
YN2			1		0		0		0		0		0
YN3			1		0		0		0		0		0
AN			1		0		0		0		0		0
USN OPERATIONAL ACTIVITIES - SELRES													
CDR	1311	2		0		0		0		0		0	
LCDR	1311	6		0		0		0		0		0	
LT	1311	10		0		0		0		0		0	
LT	1520	1		0		0		0		0		0	
LT	2102	2		0		0		0		0		0	
LTJG	1311	18		0		0		0		0		0	
LTJG	1520	1		0		0		0		0		0	
ADC			1		0		0		0		0		0
AD3			2		0		0		0		0		0
ADAN			1		0		0		0		0		0
AE1			1		0		0		0		0		0
AE2			1		0		0		0		0		0
AE3			1		0		0		0		0		0
AEAN			1		0		0		0		0		0
AK2			1		0		0		0		0		0
AK3			1		0		0		0		0		0

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
AKAN			1		0		0		0		0		0
AM1			1		0		0		0		0		0
AM1	9595		1		0		0		0		0		0
AM3			4		0		0		0		0		0
AMAN			1		0		0		0		0		0
AMEC	9595		1		0		0		0		0		0
AME2			1		0		0		0		0		0
AMEAN			1		0		0		0		0		0
APOC			2		0		0		0		0		0
APO1			1		0		0		0		0		0
APO1	8245		3		0		0		0		0		0
APO1	8278		2		0		0		0		0		0
APO2			3		0		0		0		0		0
APO2	8245		7		0		0		0		0		0
APO2	8278		2		0		0		0		0		0
APO3	8278		8		0		0		0		0		0
ATC			1		0		0		0		0		0
AT3			1		0		0		0		0		0
ATAN			1		0		0		0		0		0
AZ2			1		0		0		0		0		0
AZ3			1		0		0		0		0		0
AZAN			1		0		0		0		0		0
DK2			1		0		0		0		0		0
PN1			2		0		0		0		0		0
PN2			2		0		0		0		0		0
PN3			1		0		0		0		0		0
PO2			2		0		0		0		0		0
PRAN			1		0		0		0		0		0
YN2			1		0		0		0		0		0
YN3			1		0		0		0		0		0
YNSN			2		0		0		0		0		0
AN			25		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
CAPT	7553	2		0		0		0		0		0	
LCDR	7553	1		0		0		0		0		0	
LCOL	7553	1		0		0		0		0		0	
MAJ	7553	5		0		0		0		0		0	
CPL	9916		2		0		0		0		0		0
LCPL	9916		2		0		0		0		0		0
SGT	9916		2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR													
LCOL	7553	2		0		0		0		0		0	

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

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
SUMMARY TOTALS:													
USN OPERATIONAL ACTIVITIES - ACDU		1	21	0	0	0	0	0	0	0	0	0	0
USN OPERATIONAL ACTIVITIES - TAR		27	127	0	0	0	0	0	0	0	0	0	0
USN OPERATIONAL ACTIVITIES - SELRES		40	93	0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - ACDU		9	6	0	0	0	0	0	0	0	0	0	0
USMC OPERATIONAL ACTIVITIES - AR		2		0		0		0		0		0	
GRAND TOTALS:													
USN - ACDU		1	21	0	0	0	0	0	0	0	0	0	0
USN - TAR		27	127	0	0	0	0	0	0	0	0	0	0
USN - SELRES		40	93	0	0	0	0	0	0	0	0	0	0
USMC - ACDU		9	6	0	0	0	0	0	0	0	0	0	0
USMC - AR		2		0		0		0		0		0	

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

DESIG	PNEC/SNEC	PFYs		CFY03		FY04		FY05		FY06		FY07	
RATING	PMOS/SMOS	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: Commander Fleet Logistics Support Wing, JRB Fort Worth, 53831

INSTRUCTOR BILLETS

USN													
APO1	8278	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	2	0	2	0	2	0	2	0	2	0	2

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
Flight Safety International, Savannah99991													
	USN	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5
	USMC	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3
Commander Fleet Logistics Support Wing, JRB Fort Worth, 53831													
	USN	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1
	USMC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMARY TOTALS:													
	USN	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.6
	USMC	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.3
GRAND TOTALS:													
		0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CFY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM
a. OFFICER - USN													
Operational Billets ACDU and TAR													
CDR	1311		4	0	4	0	4	0	4	0	4	0	4
LCDR	1311		11	0	11	0	11	0	11	0	11	0	11
LCDR	1520		1	0	1	0	1	0	1	0	1	0	1
LCDR	7553		1	0	1	0	1	0	1	0	1	0	1
LT	1311		5	0	5	0	5	0	5	0	5	0	5
LT	1312		1	0	1	0	1	0	1	0	1	0	1
LT	1520		1	0	1	0	1	0	1	0	1	0	1
LT	6330		1	0	1	0	1	0	1	0	1	0	1
LTJG	1311		4	0	4	0	4	0	4	0	4	0	4
SELRES Billets													
CDR	1311		2	0	2	0	2	0	2	0	2	0	2
LCDR	1311		6	0	6	0	6	0	6	0	6	0	6
LT	1311		10	0	10	0	10	0	10	0	10	0	10
LT	1520		1	0	1	0	1	0	1	0	1	0	1
LT	2102		2	0	2	0	2	0	2	0	2	0	2
LTJG	1311		18	0	18	0	18	0	18	0	18	0	18
LTJG	1520		1	0	1	0	1	0	1	0	1	0	1
TOTAL USN OFFICER BILLETS:													
Operational			29	0	29	0	29	0	29	0	29	0	29
SELRES			40	0	40	0	40	0	40	0	40	0	40
b. ENLISTED - USN													
Operational Billets ACDU and TAR													
AD1			4	0	4	0	4	0	4	0	4	0	4
AD2			2	0	2	0	2	0	2	0	2	0	2
AD3			1	0	1	0	1	0	1	0	1	0	1
ADAN			3	0	3	0	3	0	3	0	3	0	3
AEC			1	0	1	0	1	0	1	0	1	0	1
AE1			2	0	2	0	2	0	2	0	2	0	2
AE2			2	0	2	0	2	0	2	0	2	0	2
AE3			2	0	2	0	2	0	2	0	2	0	2
AEAN			1	0	1	0	1	0	1	0	1	0	1
AK1			3	0	3	0	3	0	3	0	3	0	3
AK2			2	0	2	0	2	0	2	0	2	0	2
AK3			1	0	1	0	1	0	1	0	1	0	1
AM1			4	0	4	0	4	0	4	0	4	0	4
AM2			4	0	4	0	4	0	4	0	4	0	4
AM3			3	0	3	0	3	0	3	0	3	0	3

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CFY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM
AMAN			2	0	2	0	2	0	2	0	2	0	2
AME1			1	0	1	0	1	0	1	0	1	0	1
AME2			1	0	1	0	1	0	1	0	1	0	1
AME3			2	0	2	0	2	0	2	0	2	0	2
APOCM	8300		1	0	1	0	1	0	1	0	1	0	1
APOCS	8800		4	0	4	0	4	0	4	0	4	0	4
APOC			5	0	5	0	5	0	5	0	5	0	5
APOC	8278		2	0	2	0	2	0	2	0	2	0	2
APOC	8314		2	0	2	0	2	0	2	0	2	0	2
APO1			6	0	6	0	6	0	6	0	6	0	6
APO1	8245		8	0	8	0	8	0	8	0	8	0	8
APO1	8278		2	0	2	0	2	0	2	0	2	0	2
APO2			7	0	7	0	7	0	7	0	7	0	7
APO2	8245		12	0	12	0	12	0	12	0	12	0	12
APO2	8278		6	0	6	0	6	0	6	0	6	0	6
APO3	8278		2	0	2	0	2	0	2	0	2	0	2
AT1			4	0	4	0	4	0	4	0	4	0	4
AT2			2	0	2	0	2	0	2	0	2	0	2
AT3			2	0	2	0	2	0	2	0	2	0	2
ATAN			1	0	1	0	1	0	1	0	1	0	1
AZC	6315		1	0	1	0	1	0	1	0	1	0	1
AZ1			1	0	1	0	1	0	1	0	1	0	1
AZ2			3	0	3	0	3	0	3	0	3	0	3
AZ2	6315		2	0	2	0	2	0	2	0	2	0	2
AZ3			3	0	3	0	3	0	3	0	3	0	3
DK2			1	0	1	0	1	0	1	0	1	0	1
IT2	2780		1	0	1	0	1	0	1	0	1	0	1
IT3	2735		2	0	2	0	2	0	2	0	2	0	2
MSC	8289		1	0	1	0	1	0	1	0	1	0	1
MS1	8289		1	0	1	0	1	0	1	0	1	0	1
MS2	8289		7	0	7	0	7	0	7	0	7	0	7
PN2			1	0	1	0	1	0	1	0	1	0	1
PN3			2	0	2	0	2	0	2	0	2	0	2
PO2			3	0	3	0	3	0	3	0	3	0	3
PR1			2	0	2	0	2	0	2	0	2	0	2
PR3			2	0	2	0	2	0	2	0	2	0	2
YNC		9588	2	0	2	0	2	0	2	0	2	0	2
YN1		9588	1	0	1	0	1	0	1	0	1	0	1
YN2			1	0	1	0	1	0	1	0	1	0	1
YN3			2	0	2	0	2	0	2	0	2	0	2
YNSN			1	0	1	0	1	0	1	0	1	0	1
AN			1	0	1	0	1	0	1	0	1	0	1
Staff Billets ACDU and TAR													
APO1	8278		2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets ACDU and TAR													
			1	0	1	0	1	0	1	0	1	0	1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CFY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM
SELRES Billets													
ADC			1	0	1	0	1	0	1	0	1	0	1
AD3			2	0	2	0	2	0	2	0	2	0	2
ADAN			1	0	1	0	1	0	1	0	1	0	1
AE1			1	0	1	0	1	0	1	0	1	0	1
AE2			1	0	1	0	1	0	1	0	1	0	1
AE3			1	0	1	0	1	0	1	0	1	0	1
AEAN			1	0	1	0	1	0	1	0	1	0	1
AK2			1	0	1	0	1	0	1	0	1	0	1
AK3			1	0	1	0	1	0	1	0	1	0	1
AKAN			1	0	1	0	1	0	1	0	1	0	1
AM1			1	0	1	0	1	0	1	0	1	0	1
AM1		9595	1	0	1	0	1	0	1	0	1	0	1
AM3			4	0	4	0	4	0	4	0	4	0	4
AMAN			1	0	1	0	1	0	1	0	1	0	1
AMEC		9595	1	0	1	0	1	0	1	0	1	0	1
AME2			1	0	1	0	1	0	1	0	1	0	1
AMEAN			1	0	1	0	1	0	1	0	1	0	1
APOC			2	0	2	0	2	0	2	0	2	0	2
APO1			1	0	1	0	1	0	1	0	1	0	1
APO1	8245		3	0	3	0	3	0	3	0	3	0	3
APO1	8278		2	0	2	0	2	0	2	0	2	0	2
APO2			3	0	3	0	3	0	3	0	3	0	3
APO2	8245		7	0	7	0	7	0	7	0	7	0	7
APO2	8278		2	0	2	0	2	0	2	0	2	0	2
APO3	8278		8	0	8	0	8	0	8	0	8	0	8
ATC			1	0	1	0	1	0	1	0	1	0	1
AT3			1	0	1	0	1	0	1	0	1	0	1
ATAN			1	0	1	0	1	0	1	0	1	0	1
AZ2			1	0	1	0	1	0	1	0	1	0	1
AZ3			1	0	1	0	1	0	1	0	1	0	1
AZAN			1	0	1	0	1	0	1	0	1	0	1
DK2			1	0	1	0	1	0	1	0	1	0	1
PN1			2	0	2	0	2	0	2	0	2	0	2
PN2			2	0	2	0	2	0	2	0	2	0	2
PN3			1	0	1	0	1	0	1	0	1	0	1
PO2			2	0	2	0	2	0	2	0	2	0	2
PRAN			1	0	1	0	1	0	1	0	1	0	1
YN2			1	0	1	0	1	0	1	0	1	0	1
YN3			1	0	1	0	1	0	1	0	1	0	1
YNSN			2	0	2	0	2	0	2	0	2	0	2
AN			25	0	25	0	25	0	25	0	25	0	25
TOTAL USN ENLISTED BILLETS:													
Operational			148	0	148	0	148	0	148	0	148	0	148

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CFY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM
Staff			2	0	2	0	2	0	2	0	2	0	2
Chargeable Student			1	0	1	0	1	0	1	0	1	0	1
SELRES			93	0	93	0	93	0	93	0	93	0	93
c. OFFICER - USMC													
Operational Billets USMC and AR													
CAPT	7553		2	0	2	0	2	0	2	0	2	0	2
LCOL	7553		3	0	3	0	3	0	3	0	3	0	3
TOTAL USMC OFFICER BILLETS:													
Operational			5	0	5	0	5	0	5	0	5	0	5
d. ENLISTED - USMC													
Operational Billets USMC and AR													
CPL	9916		2	0	2	0	2	0	2	0	2	0	2
LCPL	9916		2	0	2	0	2	0	2	0	2	0	2
SGT	9916		2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets USMC and AR			1	0	1	0	1	0	1	0	1	0	1
TOTAL USMC ENLISTED BILLETS:													
Operational			6	0	6	0	6	0	6	0	6	0	6
Chargeable Student			1	0	1	0	1	0	1	0	1	0	1

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: R-553-3000, Fixed Wing Loadmaster Course
COURSE LENGTH: 2.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
Commander Fleet Logistics Support Wing, JRB Fort Worth												
	USN	TAR		3		3		3		3		3
		SELRES		1		1		1		1		1
	USMC	USMC		1		1		1		1		1
		TOTAL:		5		5		5		5		5

CIN, COURSE TITLE: R-102-2007, C-20G Cockpit Fault Analysis Course
COURSE LENGTH: 0.6 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
Flight Safety International, Savannah												
	USN	TAR		3		3		3		3		3
		SELRES		1		1		1		1		1
	USMC	USMC		1		1		1		1		1
		TOTAL:		5		5		5		5		5

CIN, COURSE TITLE: R-102-2012, C-20G Avionics Refresher Training Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
Flight Safety International, Savannah												
	USN	TAR		1		1		1		1		1
		SELRES		1		1		1		1		1
		TOTAL:		2		2		2		2		2

CIN, COURSE TITLE: R-601-2009, C-20G Maintenance Initial Course
COURSE LENGTH: 4.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
Flight Safety International, Savannah												
	USN	TAR		2		2		2		2		2
		SELRES		1		1		1		1		1
	USMC	USMC		4		4		4		4		4
		TOTAL:		7		7		7		7		7

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: R-601-2017, C-20D Maintenance Initial Course
COURSE LENGTH: 3.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.06

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	ACDU		2		2		2		2		2
		TAR		3		3		3		3		3
		TOTAL:		5		5		5		5		5

CIN, COURSE TITLE: R-102-2015, C-20G Electrical and Avionics Technician Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	TAR		2		2		2		2		2
		SELRES		1		1		1		1		1
	USMC	USMC		1		1		1		1		1
		TOTAL:		4		4		4		4		4

CIN, COURSE TITLE: R-102-2011, C-20D Cockpit Fault Analysis Course
COURSE LENGTH: 0.6 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	ACDU		1		0		1		0		1
		TAR		3		3		3		3		3
		TOTAL:		4		3		4		3		4

CIN, COURSE TITLE: R-102-2017, C-20D Avionics/Electrical Course
COURSE LENGTH: 0.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	ACDU		1		0		1		0		1
		TAR		2		2		2		2		2
		TOTAL:		3		2		3		2		3

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: R-600-2004, C-20G Maintenance Manager Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	TAR		2		2		2		2		2
		SELRES		0		0		1		0		0
	USMC	USMC		1		1		1		1		1
		TOTAL:		3		3		4		3		3

CIN, COURSE TITLE: R-600-2005, C-20G Line Maintenance Training Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	TAR		2		2		2		2		2
		SELRES		3		3		3		3		3
	USMC	USMC		1		1		1		1		1
		TOTAL:		6		6		6		6		6

CIN, COURSE TITLE: R-600-2006, C-20G Mechanical Refresher Training Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	TAR		6		6		6		6		6
		SELRES		4		4		4		4		4
	USMC	USMC		1		1		1		1		1
		TOTAL:		11		11		11		11		11

CIN, COURSE TITLE: R-600-2007, C-20D Maintenance Manager Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	TAR		1		1		1		1		1
		TOTAL:		1		1		1		1		1

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: R-600-2009, C-20G Advanced Systems Troubleshooting Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	TAR		2		2		2		2		2
		SELRES		0		1		0		0		1
	USMC	USMC		0		1		0		0		1
		TOTAL:		2		4		2		2		4

CIN, COURSE TITLE: R-600-2011, C-20D/G Corrosion Control Course
COURSE LENGTH: 0.6 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	ACDU		2		2		2		2		2
		TAR		7		7		7		7		7
		SELRES		4		4		4		4		4
		TOTAL:		13		13		13		13		13

CIN, COURSE TITLE: R-600-2015, C-20D Line Maintenance Training Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	ACDU		1		1		1		1		1
		TOTAL:		1		1		1		1		1

CIN, COURSE TITLE: R-600-2018, C-20D Airframes/Power Plants Update Training Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	ACDU		1		1		1		1		1
		TAR		2		2		2		2		2
		TOTAL:		3		3		3		3		3

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: R-600-2019, C-20D Advanced Systems Troubleshooting Course
COURSE LENGTH: 1.0 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.00

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
Flight Safety International, Savannah												
	USN	ACDU		1		0		1		0		1
		TAR		2		2		2		2		2
		TOTAL:		3		2		3		2		3

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the C20D/G Aircraft and, therefore, are not included in Part III of this NTSP:

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

PART III - TRAINING REQUIREMENTS

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: Gulfstream III Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 22 Days
ACTIVITY DESTINATIONS: VR-1 (4)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 00	4			Input
		0.2			AOB
					Chargeable

COURSE TITLE: Gulfstream III Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: VR-1 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 00	8	4		Input
		0.1	0.1		AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 21 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (4)
VR-51 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 00	16			Input
		0.9			AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (10)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 00	10			Input
		0.6			AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (9)
VR-51 (36)

III.A.1. INITIAL TRAINING REQUIREMENTS

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 00	29	16		Input
		0.4	0.2		AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 00	24	12		Input
		0.3	0.2		AOB
					Chargeable

COURSE TITLE: Gulfstream III Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 22 Days
ACTIVITY DESTINATIONS: VR-1 (4)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 01	4			Input
		0.2			AOB
					Chargeable

COURSE TITLE: Gulfstream III Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: VR-1 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 01	8	4		Input
		0.1	0.1		AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 21 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (4)
VR-51 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 01	16			Input
		0.9			AOB
					Chargeable

III.A.1. INITIAL TRAINING REQUIREMENTS

ACTIVITY DESTINATIONS: VR-48 (10)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 01	10			Input
		0.6			AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (9)
VR-51 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 01	29	16		Input
		0.4	0.2		AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 01	24	12		Input
		0.3	0.2		AOB
					Chargeable

COURSE TITLE: Gulfstream III Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 22 Days
ACTIVITY DESTINATIONS: VR-1 (4)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 02	4			Input
		0.2			AOB
					Chargeable

COURSE TITLE: Gulfstream III Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: VR-1 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 02	4	8		Input
		0.1	0.1		AOB
					Chargeable

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: Gulfstream IV Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 21 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (4)
VR-51 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 02	16			Input
		0.9			AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 02	10			Input
		0.6			AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (9)
VR-51 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 02	29	16		Input
		0.4	0.2		AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 02	24	12		Input
		0.3	0.2		AOB
					Chargeable

COURSE TITLE: Gulfstream III Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 22 Days
ACTIVITY DESTINATIONS: VR-1 (4)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 03	4			Input
		0.2			AOB
					Chargeable

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: Gulfstream III Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: VR-1 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 03	4	8		Input
		0.1	0.1		AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 21 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (4)
VR-51 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 03	16			Input
		0.9			AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (10)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 03	10			Input
		0.6			AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (9)
VR-51 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 03	29	16		Input
		0.4	0.2		AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 03	24	12		Input
		0.3	0.2		AOB
					Chargeable

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: Gulfstream III Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 22 Days
ACTIVITY DESTINATIONS: VR-1 (4)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 04	4			Input
		0.2			AOB
					Chargeable

COURSE TITLE: Gulfstream III Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: VR-1 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 04	4	8		Input
		0.1	0.1		AOB
					Chargeable

COURSE TITLE: Gulfstream IV Pilot Initial Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 21 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (4)
VR-51 (12)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 04	16			Input
		0.9			AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (10)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 04	10			Input
		0.6			AOB
					Chargeable

III.A.1. INITIAL TRAINING REQUIREMENTS

COURSE TITLE: Gulfstream IV Pilot Recurrent Training
COURSE DEVELOPER: Flight Safety International
COURSE INSTRUCTOR: Flight Safety International
COURSE LENGTH: 5 Days
ACTIVITY DESTINATIONS: MCAF Kaneohe Bay (9)
VR-51 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Long Beach	Oct 04	29	16		Input
		0.4	0.2		AOB
					Chargeable

ACTIVITY DESTINATIONS: VR-48 (36)

LOCATION, UIC	BEGIN DATE	STUDENTS OFF	ENL	CIV	
FSI Savannah	Oct 04	24	12		Input
		0.3	0.2		AOB
					Chargeable

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: R-553-3000, Fixed Wing Loadmaster Course
TRAINING ACTIVITY: Commander Fleet Logistics Support Wing
LOCATION, UIC: JRB Fort Worth, 53831

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		3		3		3		3	ATIR
	3		3		3		3		3	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-102-2007, C-20G Cockpit Fault Analysis Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		3		3		3		3	ATIR
	3		3		3		3		3	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

CIN, COURSE TITLE: R-102-2012, C-20G Avionics Refresher Training Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.0		0.0		0.0		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: R-601-2009, C-20G Maintenance Initial Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.3		0.3		0.3		0.3		0.3	AOB
	0.3		0.3		0.3		0.3		0.3	Chargeable

CIN, COURSE TITLE: R-601-2017, C-20D Maintenance Initial Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	5		5		5		5		5	ATIR
	5		5		5		5		5	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.2		0.2		0.2		0.2		0.2	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: R-102-2015, C-20G Electrical and Avionics Technician Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: R-102-2011, C-20D Cockpit Fault Analysis Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		3		4		3		4	ATIR
	4		3		4		3		4	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-102-2017, C-20D Avionics/Electrical Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		2		3		2		3	ATIR
	3		2		3		2		3	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-600-2004, C-20G Maintenance Manager Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		1		0		0	ATIR
	0		0		1		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-600-2005, C-20G Line Maintenance Training Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		3		3		3		3	ATIR
	3		3		3		3		3	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: R-600-2006, C-20G Mechanical Refresher Training Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	6		6		6		6		6	ATIR
	5		5		5		5		5	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: USMC **STUDENT CATEGORY:** USMC

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-600-2007, C-20D Maintenance Manager Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: R-600-2009, C-20G Advanced Systems Troubleshooting Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	2		2		2		2		2	ATIR
	2		2		2		2		2	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		0		1	ATIR
	0		1		0		0		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

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

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		0		1	ATIR
	0		1		0		0		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-600-2011, C-20D/G Corrosion Control Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	9		9		9		9		9	ATIR
	8		8		8		8		8	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.1		0.1		0.1		0.1		0.1	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: R-600-2015, C-20D Line Maintenance Training Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-600-2018, C-20D Airframes/Power Plants Update Training Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		3		3		3		3	ATIR
	3		3		3		3		3	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: R-600-2019, C-20D Advanced Systems Troubleshooting Course
TRAINING ACTIVITY: Flight Safety International
LOCATION, UIC: Savannah, 99991

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		2		3		2		3	ATIR
	3		2		3		2		3	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the C20D/G Aircraft and, therefore, are not included in Part IV of this NTSP:

IV.A. Training Hardware

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

IV.A.2. Training Devices

IV.C. Facility Requirements

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

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

IV.C.3. Facility Project Summary by Program

Note 1: Training hardware and courseware materials are provided by Flight Safety International. The contractor is responsible for each course, and all training is accomplished at the contractor's facility. For information regarding Training Devices, contact Flight Safety International Learning Center located in Savannah.

Note 2: Flight simulators are certified annually by the Flight Standards District Office. This certification is done with the criteria set forth in Advisory Circular (AC) 120-45A, Airplane Flight Training Device Qualification.

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.B. COURSEWARE REQUIREMENTS

IV.B.1. TRAINING SERVICES

COURSE / TYPE OF TRAINING	SCHOOL LOCATION, UIC	NO. OF PERSONNEL	MAN WEEKS REQUIRED	DATE BEGIN
Gulfstream III Pilot Initial Training	FSI Savannah	2	6.4	Oct 01
Gulfstream III Pilot Initial Training	FSI Savannah	2	6.4	Oct 02
Gulfstream III Pilot Initial Training	FSI Savannah	2	6.4	Oct 03
Gulfstream III Pilot Initial Training	FSI Savannah	2	6.4	Oct 04
Gulfstream III Pilot Initial Training	FSI Savannah	2	6.4	Oct 00
Gulfstream III Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 00
Gulfstream III Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 01
Gulfstream III Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 02
Gulfstream III Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 03
Gulfstream III Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 04
Gulfstream IV Pilot Initial Training	FSI Savannah	2	6.0	Oct 02
Gulfstream IV Pilot Initial Training	FSI Long Beach, California	2	6.0	Oct 00
Gulfstream IV Pilot Initial Training	FSI Savannah	2	6.0	Oct 00
Gulfstream IV Pilot Initial Training	FSI Long Beach, California	2	6.0	Oct 01
Gulfstream IV Pilot Initial Training	FSI Long Beach, California	2	6.0	Oct 02
Gulfstream IV Pilot Initial Training	FSI Long Beach, California	2	6.0	Oct 03
Gulfstream IV Pilot Initial Training	FSI Savannah	2	6.0	Oct 03
Gulfstream IV Pilot Initial Training	FSI Long Beach, California	2	6.0	Oct 04
Gulfstream IV Pilot Initial Training	FSI Savannah	2	6.0	Oct 04
Gulfstream IV Pilot Initial Training	FSI Savannah	2	6.0	Oct 01
Gulfstream IV Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 04

IV.B.1. TRAINING SERVICES

COURSE / TYPE OF TRAINING	SCHOOL LOCATION, UIC	NO. OF PERSONNEL	MAN WEEKS REQUIRED	DATE BEGIN
Gulfstream IV Pilot Recurrent Training	FSI Long Beach	2	2.0	Oct 00
Gulfstream IV Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 00
Gulfstream IV Pilot Recurrent Training	FSI Long Beach	2	2.0	Oct 01
Gulfstream IV Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 01
Gulfstream IV Pilot Recurrent Training	FSI Long Beach	2	2.0	Oct 02
Gulfstream IV Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 02
Gulfstream IV Pilot Recurrent Training	FSI Long Beach	2	2.0	Oct 03
Gulfstream IV Pilot Recurrent Training	FSI Savannah	2	2.0	Oct 03
Gulfstream IV Pilot Recurrent Training	FSI Long Beach	2	2.0	Oct 04

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: R-553-3000, Fixed Wing Loadmaster Course
TRAINING ACTIVITY: Commander Fleet Logistics Support Wing
LOCATION, UIC: JRB Fort Worth, 53831

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Fixed Wing Loadmaster Instructor Guide	15	Jan 97	Onboard
Fixed Wing Loadmaster Student Guides	15	Jan 97	Onboard
Overhead Projector	1	Jan 97	Onboard
Projection Screen	15	Jan 97	Onboard
Projector Slides 35mm	1 Set	Jan 97	Onboard
Transparencies	1 Set	Jan 97	Onboard
Wall Charts	1 Set	Jan 97	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: R-553-3000, Fixed Wing Loadmaster Course
TRAINING ACTIVITY: Commander Fleet Logistics Support Wing
LOCATION, UIC: JRB Fort Worth, 53831

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-1B-40 Weight and Balance Data Handbook	Hard copy	15	Jun 94	Onboard
NA 01-1B-50 U.S. Navy Weight and Balance Control	Hard copy	15	Jun 94	Onboard
NA 01-C9BAA-9 Cargo Loading Technical Manual	Hard copy	15	Jun 94	Onboard
NAVSUP 505 Aircraft Hazardous Material Shipping and Transporting	Hard copy	15	Jun 94	Onboard
OPNAVINST 3750.6 Naval Aviation Safety Program	Hard copy	15	Jun 94	Onboard
OPNAVINST 4790.2 Series The Naval Aviation Maintenance Program	Hard copy	8	Jun 94	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	USAF Awarded GAC Contract To Lease with Option to Buy C-20 Gulfstream Aircraft	FY84	Completed
PDA	USN Authorized to Procure Two C-20D Aircraft to Replace TA-3B Aircraft	FY86	Completed
TSA	Conduct C-20D Initial Training	FY86	Completed
PDA	Deliver C-20D Aircraft to VR-1	May 87	Completed
PDA	Deliver C-20D Aircraft to VR-1	Jul 87	Completed
PDA	Delivered Two C-20D Aircraft to VR-1	FY87	Completed
PDA	Install C-20D EFIS-10	FY88	Completed
PDA	Initiate C-20G Aircraft Procurement Request	May 91	Completed
PDA	Award (to GAC) C-20G Aircraft Production Contract	May 92	Completed
PDA	Develop Draft NTSP	Apr 93	Completed
PDA	Develop ILSP	Dec 93	Completed
PDA	Develop Proposed NTSP	Jan 94	Completed
PDA	Deliver Two C-20G Aircraft to VR-48	Feb 94	Completed
PDA	Develop OLSP	Mar 94	Completed
PDA	Update ILSP	Jun 94	Completed
PDA	Conduct C-20G TECHEVAL	FY94	Completed
PDA	Install C-20G EDZ-884	FY94	Completed
TSA	Begin C-20G Initial Training	FY94	Completed
PDA	Deliver C-20G Aircraft to MASD Andrews	Dec 94	Completed
PDA	Deliver Two C-20G Aircraft to VR-51	Dec 94	Completed
PDA	Update OLSP	Oct 96	Completed
PDA	Install C-20D/G EGPWS	FY99	Completed
PDA	Install C-20D/G FMS	FY99	Completed
PDA	Install C-20D/G TCAS-2000	FY99	Completed
PDA	Transfer MASD C-20G Aircraft to MCAF Kaneohe Bay	Jun 01	Completed

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Update C-20D/G NTSP	Oct 02	Completed
PDA	C-20D/G Aircraft NTSP approved	Apr 03	Completed

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
Final approval for NEC 8314, C-20G Organizational Maintenance Technician	N789		Completed
Final determination for C-20D Organizational Maintenance Technician to be awarded a C-20D NEC	N789		Completed
Officially transfer C-20G aircraft serial number 165153 from MASD NAF Washington to MCAF Kaneohe Bay	PMA207		Completed
Completion and final approval for C-20D and C-20G Organizational Maintenance Technician CINs and CDPs	NETC		Completed
Add current decision and action items taken from the most recent Human Performance Requirements Review	CNARF		Ongoing
Change contractual language in next competition for CACT solicitation by NAVAIR (NAWCTSD)c to include WBT as a component of the contractor courseware to reduce course classroom time	CNARF		Pending

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
CAPT John Chase Deputy Aviation Maintenance Programs CNO, N781B john.chase@navy.mil	**COMM:** (703) 604-7747 **DSN:** 664-7747 **FAX:** (703) 604-6972
CDR Wanda Janus Resource Sponsor / Program Sponsor CNO, N785D1/E1 wanda.janus@navy.mil	**COMM:** (703) 614-3375 **DSN:** 224-3375 **FAX:** (703) 695-3066
MAJ Tony Howard, USMC C-20 Resource Sponsor CNO, N780G1 tony.howard@navy.mil	**COMM:** (703) 693-2933 **DSN:** 225-2933 **FAX:** (703) 695-1247
CAPT Terry Merritt Professional Development Division CNO, N00T terry.merritt@navy.mil	**COMM:** (703) 602-5172 **DSN:** 664-7730 **FAX:** (703) 602-5175
Mr. Robert Zweibel Human Performance and Acquisition Assessment Division CNO, N00T46 robert.zweilbel@navy.mil	**COMM:** (703) 602-5151 **DSN:** 332-5151 **FAX:** (703) 602-5175
LCDR Matthew Browning C-20 Aviation Technical Training Manager CNO, N789H3 matthew.browning@navy.mil	**COMM:** (703) 604-7739 **DSN:** 664-7739 **FAX:** (703) 604-6969
AZCS Gary Greenlee NTSP Manager CNO, N789H1A gary.greenlee@navy.mil	**COMM:** (703) 604-7709 **DSN:** 664-7709 **FAX:** (703) 604-6939
CAPT Peter Spalding NAVAIRRES Programs Coordinator CNO, N78R peter.spalding@navy.mil	**COMM:** (703) 604-7727 **DSN:** 664-7727 **FAX:** (703) 604-6969
CDR David Mahoney Head, Reserve Air Logistics Programs CNO, N78R david.mahoney@navy.mil	**COMM:** (703) 601-1872 **DSN:** 329-1872 **FAX:** (703) 601-0561
LCDR Jim Arend Aviation Manpower CNO, N122C1C n122c1c@bupers.navy.mil	**COMM:** (703) 695-3223 **DSN:** 225-3223 **FAX:** (703) 614-5308

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
LtCol Jeffrey "Spit" Aivaz, USMC Branch Head, USMC Aviation Manpower Management CMC, ASM-1 aivazja@hqmc.usmc.mil	**COMM:** (703) 614-1244 **DSN:** 224-1244 **FAX:** (703) 614-1309
LtCol Bruce Neauberger, USMC USMC Aircraft Maintenance Officer CMC, ASL-33 mailto:neubergerbw@hqmc.usmc.mil	**COMM:** (703) 614-1187 **DSN:** 224-1187 **FAX:** (703) 697-7343
MAJ Greg Grinaker, USMC C-20 Requirements Officer CMC, APW-61 grinakergj@hqmc.usmc.mil	**COMM:** (703) 614-1729 **DSN:** 224-1244 **FAX:** (703) 614-2318
GYSGT Mark Behan, USMC Marine Corps Force Structure CMC, ASM-42 behanmr@hqmc.usmc.mil	**COMM:** (703) 614-1556 **DSN:** 224-1556 **FAX:** (703) 614-1309
CAPT Michael Fralen C-20 Program Manager NAVAIR, PMA207 fralenmc@navair.navy.mil	**COMM:** (301) 757-8574 **DSN:** 757-8547 **FAX:** (301) 342-0965
CDR Duane Mallicoat C-20 Deputy Program Manager NAVAIR, PMA207M mallicoatdw@navair.navy.mil	**COMM:** (301) 757-8535 **DSN:** 757-8535 **FAX:** (301) 342-0961
LCDR Lawrence McCabe C-20 Deputy Principal Program Manager NAVAIR, PMA207-2 mccabelc@navair.navy.mil	**COMM:** (301) 757-8554 **DSN:** 757-8554 **FAX:** (301) 342-3965
Mrs. Christina Mann C-20 IPT Lead NAVAIR, PMA207-2B manncm@navair.navy.mil	**COMM:** (301) 757-8557 **DSN:** 757-8557 **FAX:** (301) 342-0961
Mr. Oral W. John C-20D/G Assistant Program Manager, Logistics NAVAIR, PMA207-2L2 johnow@navair.navy.mil	**COMM:** (301) 757-8559 **DSN:** 757-8559 **FAX:** (301) 342-3965
Mr. John Shanklin C-20G Assistant Program Manager, Engineering NAVAIR, PMA207-2E1 shanklinja@navair.navy.mil	**COMM:** (301) 757-8551 **DSN:** 757-8551 **FAX:** (301) 342-0961
Mr. Roman Hnatyshyn C-20D Assistant Program Manager, Engineering NAVAIR, PMA207-2E2 hnatyshynrj@navair.navy.mil	**COMM:** (301) 757-8552 **DSN:** 757-8552 **FAX:** (301) 342-0961

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
Mr. Dennis Mercer C-20 Contract Support NAVAIR, PMA207-CONTR mercerdr@navair.navy.mil	**COMM:** (301) 757-8536 **DSN:** 757-8536 **FAX:** (301) 342-0961
Mr. Mike Mancini C-20 Assistant Program Manager, Training Systems NAVAIR, PMA205-9C mancinimg@navair.navy.mil	**COMM:** (301) 757-1022 **DSN:** 757-1022 **FAX:** (301) 757-4569
Mrs. Pollyanna Randol Aviation NTSP Point of Contact COMLANTFLT, N71 randolpa@clf.navy.mil	**COMM:** (757) 836-0103 **DSN:** 836-0103 **FAX:** (757) 836-6737
Mr. Bob Long Deputy Director for Training COMPACFLT, N70 longrh@cpf.navy.mil	**COMM:** (808) 471-8513 **DSN:** 471-8513 (OUTCONUS) **FAX:** (808) 471-8596
CDR Rey Consunji C-20 VR Program Manager COMNAVAIRESFOR, N36 airn36@cnarf.nola.navy.mil	**COMM:** (504) 678-1379 **DSN:** 678-1379 **FAX:** (504) 678-1466
ATCS Philip Hester C-20 Training Programs COMNAVAIRESFOR, 7 hesterpo@cnrf.nola.navy.mil	**COMM:** (504) 678-1405 **DSN:** 678-1405 **FAX:** (504) 678-1466
AMEC Jeffrey White C-20 ALSS and Support Equipment Manager Fleet Logistics Support Wing flswc20@cnrf.nola.navy.mil	**COMM:** (817) 782-7800 Ext 407 **DSN:** 739-7800 Ext 407 **FAX:** (817) 782-7972
ATC Keith Barbazon Air Training Programs COMNAVRESFORCOM, N734 barbazon@cnrf.navy.mil	**COMM:** (504) 678-1259 **DSN:** 678-1259 **FAX:** (504) 678-6847
CAPT Robert Holland Deputy Assistant, Chief of Naval Personnel for Distribution NAVPERSCOM, PERS-4B p4b@persnet.navy.mil	**COMM:** (901) 874-3529 **DSN:** 882-3529 **FAX:** (901) 874-2606
CDR Dave Nelson Branch Head, Aviation Enlisted Assignments NAVPERSCOM, PERS-404 p404@persnet.navy.mil	**COMM:** (901) 874-3691 **DSN:** 882-3691 **FAX:** (901) 874-2642
MAJ Henry Domingue Head, ACE Branch, TFS Division MCCDC, C5325A dominguehj@mccdc.usmc.mil	**COMM:** (703) 784-6241 **DSN:** 278-6241 **FAX:** (703) 784-6072

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
LCDR Raymond Lawry Aviation Department Head NAVMAC, 30 raymond.lawry@navmac.navy.mil	**COMM:** (901) 874-6218 **DSN:** 882-6218 **FAX:** (901) 874-6471
Ms. Susan Webb NTSP Coordinator NAVMAC, 30 susan.webb@navy.mil	**COMM:** (901) 874-6242 **DSN:** 882-6242 **FAX:** (901) 874-6471
Mr. Steve Berk NETC NTSP Distribution NETC, ETS-23 stephen.berk@cnet.navy.mil	**COMM:** (850) 452-8919 **DSN:** 922-8919 **FAX:** (850) 452-4901
CDR Janet Wiley Center for Naval Aviation Technical Training (CNATT) Functional Integration Directorate (FID), N51 cdr-janet.wiley@cnet.navy.mil	**COMM:** (850) 452-7146 **DSN:** 922-7146 **FAX:** (850) 452-7149
MAJ Robert J. Turpin, USMC Center for Naval Aviation Technical Training (CNATT) Functional Integration Directorate (FID), N55 maj-robert.turpin@cnet.navy.mil	**COMM:** (850) 452-7147 **DSN:** 922-7147 **FAX:** (850) 452-7149
MMC Eliut Lopez PQS Development Group LCPO NETPDTC, N741 mmc-eliut.lopez@cnet.navy.mil	**COMM:** (850) 452-1001 ext. 2214 **DSN:** 922-1001 ext. 2214 **FAX:** (850) 452-1764
OSCS Christopher Adams PQS Development Group LCPO NETPDTC, N741 oscs-christopher.adams@cnet.navy.mil	**COMM:** (850) 452-1001 ext. 2238 **DSN:** 922-1001 ext. 2238 **FAX:** (850) 452-1764
LCDR Rick Lawson NTSP Manager COMOPTEVFOR, 533 lawsonr@cotg.navy.mil	**COMM:** (804) 444-5087 ext. 3354 **DSN:** 564-5087 ext. 3354 **FAX:** (757) 444-3820
Mr. Craig Aldrich C-20 Maintenance Training Coordinator Flight Safety International, Savannah aldrichc@fsi007.flightsafety.com	**COMM:** (912) 644-1007 **DSN:** NA **FAX:** (912) 644-1085
Ms. Lori Harvey C-20 Pilot and Aircrew Training Coordinator Flight Safety International, Savannah lori.anne.harvey@flightsafety.com	**COMM:** (912) 644-1013 **DSN:** NA **FAX:** (912) 644-1095
Mr. Jon Butterfield C-20 Maintenance Training Coordinator Flight Safety International, Long Beach jon.butterfield@flightsafety.com	**COMM:** (562) 938-0181 **DSN:** NA **FAX:** (562) 938-0106

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
Mr. Allen Stanfeld C-20 Pilot and Aircrew Training Coordinator Flight Safety International, Long Beach allen.stanfeld@flightsafety.com	**COMM:** (562) 938-0181 **DSN:** NA **FAX:** (562) 938-0106
Mr. Phil Szczyglowski Manpower and Training Analysis Division Head NAVAIR, AIR 3.4.1 szczyglowspr@navair.navy.mil	**COMM:** (301) 757-8280 **DSN:** 757-8280 **FAX:** (301) 757-8459
Mr. Bob Kresge NTSP Manager NAVAIR, AIR 3.4.1 kresgerj@navair.navy.mil	**COMM:** (301) 757-1844 **DSN:** 757-1844 **FAX:** (301) 757-8459
ATCS Jeff Hall NTSP Coordinator NAVAIR, AIR 3.4.1 halljd3@navair.navy.mil	**COMM:** (301) 757-3109 **DSN:** 757-3109 **FAX:** (301) 757-7737
AZC Ira Haraughty Training Analyst NAVAIR, AIR 3.4.1 haraughtyif@navair.navy.mil	**COMM:** (301) 757-8281 **DSN:** 757-8281 **FAX:** (301) 757-7737