

**ATTACHMENT J-11
GLOSSARY, ACRONYMS, AND
ABBREVIATIONS**

FOR

**MEDICAL AND ENVIRONMENTAL
SUPPORT CONTRACT (MESC)**

45TH Space Wing (SW)	The Air Force’s 45 SW is the Department of Defense (DoD) executive agent and single manager of Range facilities at Cape Canaveral Air Force Station, Patrick Air Force Base, and downrange stations. The 45 SW’s mission is to develop, operate and manage Eastern Range facilities and, as host agency, provide support services to all launch/user activities.
Agency	The NASA Headquarters and NASA Headquarters organizations
Agency Occupational Health Program	A NASA Headquarters organization responsible for overseeing occupational health program policy for the Agency.
Air Doc Briefing	A pre-launch or pre-landing Medical and Communications briefing provided to Department of Defense medical personnel who support NASA-KSC human spacecraft launches and landings.
Architectural Historian	Qualifications are listed in Title 36 Part 61, Appendix A
Astronaut Health Program	Health care provided to NASA astronauts, primarily at the astronaut crew quarters while at KSC.
Certified Licensed Athletic Trainer	Personnel trained in musculoskeletal rehabilitation and certified by the Board of Certification of the National Athletic Trainers Association (NATA) and licensed to practice in the State of Florida.
Biomedical Engineering	In this contract reference to NASA Biomedical Engineering, a part of the NASA-KSC Medical and Environmental Division.
Biomedical Sciences	Biomedical Engineering, Physiology, Biomedical Research, Space Life Sciences
Buy-Quiet Program	Administrative policy that achieves long-term reduction in employee noise exposure when purchasing or designing mechanical systems that are expected to exceed noise emission levels of concern (80dBA).
Cape Canaveral Air Force Station (CCAFS)	The geographic area of the station encompasses approximately 24.7 square miles (15,804 acres) and is located on the Atlantic Coast between Port Canaveral, Florida and the National Aeronautics and Space Agency (NASA), Kennedy Space Center (KSC). It includes Air Force, NASA, NOTU, and other tenants/customers.
Center	NASA/John F. Kennedy Space Center
Civil Service	Civilian employees of the United States Federal Government.
Computer	Any equipment or interconnected system or subsystems of equipment used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. This includes mainframe computers, minicomputers, microcomputers, scientific workstations, word processors, automated office support systems, communication systems, and networks.
Confirmatory Sampling Work Plan	A proposed environmental sampling plan to determine the potential presence of environmental contamination at a RCRA covered facility investigation.
Confirmatory Sampling Report	Report of sampling and analysis results from implementation of a confirmatory sampling plan.

Contractor	For the purpose of this glossary, a contractor is an employer, working under contract to NASA-KSC, including the employer’s employees and subcontractors to the employer who are housed on Center.
Crew Examination Facility	A medical examination and treatment area within the Astronaut Crew Quarters located in the Operational and Checkout Building at KSC, M7-355.
Crew Transport Vehicle	A modified airport transportation vehicle which is used post-landing during astronaut egress of the Shuttle. The vehicle contains the capability to medically assess and treat returning astronauts.
Cultural Resources Management Plan	A document that describes the Cultural (Historic and Archeological) Resources at a NASA Center, outlines the processes by which those resources are managed and the activities such as restoration and maintenance that are associated with those resources. This plan is updated as needed and revised every five years.
Customer Requirements	Customer requirements are either verbal or written. Customer service personnel will determine the necessary documentation and establish the appropriate type of Work Order (WO).
Disaster Mental Health Services Support Team	A support team of mental health professionals chosen and trained by NASA to assist, when needed, in support of the KNPR 3792.1 Employee Assistance Program (EAP) Psychological Support Preparedness Plan In The Event Of A Disaster.
Disorientation Event Report	Official notification to the Fish and Wildlife Conservation Commission that documents a nesting sea turtle or hatchling disorientation. Daily beach inspections are completed during sea turtle nesting season from May to October.
Emergency Medical Services Plan: Kennedy Space Center	This document provides a plan and procedures for medical support of a contingency requiring emergency egress from the Space Shuttle Orbiter or Launch Complex 39 in the immediate prelaunch period, or from the orbiter immediately after landing in the Kennedy Space Center area of responsibility. The authority and scope of the Emergency Medical Services Plan are outlined in the Medical Operations Support Implementation Plan: Kennedy Space Center.
Employee Assistance Program (EAP) Psychological Support Preparedness Plan In The Event Of A Disaster Procedural Requirements	This document provides the requirements for the development, management, and implementation of Employee Assistance Program (EAP) psychological support in the event of a disaster at KSC or CCAFS.
Environmental Assessment	A document that outlines the activities associated with a proposed federal action and the alternatives considered. The analysis includes a description of the expected impacts of the proposal and its alternatives. This is a requirement of the National Environmental Policy Act (NEPA).
Environmental	KSC Form 21-608 NS completed for every proposed project and action on

Checklist	KSC, which begins the process of environmental review. Based on information provided on the checklist, each project is evaluated for potential environmental impacts and regulatory compliance issues.
Environmental Evaluation Console	A launch operations console, operated by NASA Environmental Health and MESC contractor personnel. The function of the EEC is to run models of the REEDM program using 45 th SW meteorological data and provide launch countdown briefings on predicted acid deposition patterns.
Ergonomic Working Group	A panel chaired by the MESC. The Ergonomic Working Group promotes ergonomics awareness and assists in the implementation of ergonomics programs at KSC. Working group members include Government and contractor health and safety professionals.
Exhaust Ventilation System	A ventilation system designed to capture and remove an air contaminant from its point of emission.
Facility Asbestos Management System	A database management system used to track descriptions, quantities, and locations of asbestos containing building materials in NASA facilities at KSC.
Findings of No Significant Impact (FONSI)	The FONSI is a document that summarizes the results of an Environmental Assessment as required under the National Environmental Policy Act (NEPA). It also includes a statement regarding which alternative was selected by the federal agency for implementation.
FIREMAN	A computerized analytical tool for evaluating fire danger at the Center.
GIS (Geographic Information System)	A computerized relational database management system for capture, storage, retrieval, analysis, and display of spatial (locationally defined) data. GIS software applications allow users to develop linkages between graphical and non-graphical data. Once linked, spatial queries of the linked data can provide users with answers to questions in a fraction of the time previously required to perform the analysis manually.
Health Education and Wellness Program	A NASA-KSC preventive medicine program to promote, maintain, and improve the physical and psychological well being of the worker in the work place.
Health Exams	<p>Part I – Routinely include initial reception, history, vital signs, and any or all of the following: audiometric testing, visual testing, laboratory (blood and urine), pulmonary function testing, electrocardiogram, and x-ray.</p> <p>Part II – Physician consultation which may include a physical examination and medical records/results review.</p> <p>Part III – Usually for planned testing such as a Cardiac stress test (GXT – Graded Exercise Test).</p> <p>Part IV – Administration of additional protocols resulting from Part II or III evaluation such as immunizations, further follow-up with physician or further labs if needed.</p>
Health Information Management System	An information database containing medical records and other health information which can be assessed and evaluated for health related issues.
Health Physics	The discipline of anticipating, recognizing, evaluating, and controlling

	ionizing and non-ionizing hazards in the working environment with the objective of protecting worker health and well-being and safeguarding the community at large.
Homogenous Exposure Groups	A group of persons who experience exposures similar enough that assessing the exposures of any member of the group is predictive of exposures of all members of the group.
IAQ Working Group	A panel chaired by the MESC. The Indoor Air Quality Working Group promotes IAQ and assists stakeholders in coordinating the assessment and mitigation of IAQ problems at KSC. Working group members include Government and contractor health and safety professionals, facilities managers, facilities engineering and work control, and employee stakeholders.
Industrial Hygiene	The discipline of anticipating, recognizing, evaluating, and controlling health hazards in the working environment with the objective of protecting worker health and well-being and safeguarding the community at large.
Jonathan Dickinson Missile Tracking Annex (JDMTA)	This site occupies 12 acres inside the southern boundary of the Jonathan Dickinson State Park, just north of Jupiter, Florida in Martin County.
KSC workforce	The NASA civil servants and contractors working at KSC.
Launch Area Clinic	KSC on-site medical facility located in the multifunctional facility which provides first aid and nursing services.
Launch and Landing Medical Packages	Prepared prior to each spacecraft launch in support of Medical Readiness Meeting and prior to each spacecraft landing and Terminal Count Down Test. Contains plans for confirming all necessary medical preparations for launch and landing, including: <ul style="list-style-type: none"> -Launch and landing timelines -General mission information -Launch and landing deployment staging maps -General communications listing -Personnel duty, notification tree, and on-call schedules -Triage site maps -Hospital emergency contacts and resources -Flight crew identification, seating and configuration -Special preparations and unique requirements
Life Science	NASA research involved in the biological, biochemical, physiological, or medical areas of interest to the space program.
Major Subcontractors	Subcontractor providing services greater than 10% of the total effort or a subcontractor that is otherwise identified as major by the prime due to the critical nature of the services/work that they perform.
Medical Education Program	NASA-KSC program providing select medical students or physicians with training related to KSC medical operations and aerospace medicine. Typical duties include scheduling participants, providing lectures and tours, preparing participant evaluations, and completing checklists of program activity.
Medical Operations	This JSC document establishes and delineates the medical operation

Requirements Document	requirements for all phases of ground, flight, and payload/experiment-related activities for all Space Shuttle operations.
Medical Operations Support Implementation Plan: Kennedy Space Center	This document is a KSC plan for providing medical support for Space Shuttle operations at the Kennedy Space Center. The document describes the implementation of the Medical Operations Requirements Document at KSC and any KSC requirements of the Medical Operations Responsibilities for Human-Space Flight Programs, Launch and Landing Program Requirements Document, and the Health Stabilization Plan for the Space Transportation System.
Multi-Lateral Medical Policy Board	A group made up of one physician from each of the international partners of the International Space Station. It is the top-level medical policy board that oversees the Multilateral Medical Operations Panel and the Multilateral Space Medicine Board.
NASA-KSC	Kennedy Space Center facilities (including NASA facilities at CCAFS)
NASA Training System	The training program established by NASA-KSC to provide pertinent training for access and safety at KSC.
Occupational Health Conference	An annual conference sponsored and directed by the NASA Office of the Chief Health and Medical Officer (OCHMO). The duties usually include surveying and selecting conference locations, planning and arranging speakers and events, obtaining continuing education credit, providing onsite staff support, preparing and publishing conference proceedings.
Occupational Health Facility	The main health clinic on KSC. It houses administrative, management, and medical staff to conduct medical health examinations, treatments, training, and other associated health related activities. Building number is M6-495.
Occupational Health Nurse	A nurse in the field of occupational health certified in Occupational Health Nursing by the American Board of Occupational Health Nurses.
On-line	Connected to, served by, or available through an interactive computer based communications network.
Operator	Use of this term relative to the Contractor's responsibilities does not include responsibilities of the Operator as defined in environmental permits or regulations. NASA/KSC retains the responsibility as both the Owner and Operator of all such regulated or permitted facilities/systems/activities.
Patrick Air Force Base (PAFB)	Home of an active airfield, encompassing approximately 2,254 acres. The main base occupies approximately 1,943 acres with the balance of 311 acres located about one mile south that includes military family housing and related community activities (commissary, Base Exchange, hospital, etc.).
Potential Release Location	Locations where hazardous materials may have been released into the environment.
Prime Crew Contact Physical	A prerequisite health examination to obtain prime crew contact certification as part of the Astronaut Health Stabilization Program which is required to come in contact with the astronaut crew while in quarantine.

Process Waste Questionnaire	A form used at KSC for the process of characterizing waste. (See Section L, Attachment L-10-1, MESC Reference Document List for sample form).
Rapid Response Team	A team assembled by the NASA Ground Operations Manager, to respond to a non-KSC spacecraft contingency site within a few hours of the contingency. A contractor physician, nurse, and environmental health specialist is usually part of the team to provide emergency and occupational medicine to the team.
Record of Environmental Consideration (REC)	A document provided to the project proponent in response to the Environmental Checklist. The REC provides a National Environmental Policy Act (NEPA) determination and outlines environmental requirements including permits, best management practices, waste management, protected species issues, etc., associated with the project or action and steps that must be taken to ensure compliance with environmental laws, regulations and KSC requirements.
Recovery Team	A team of personnel that is deployed to process and return a NASA spacecraft to NASA (usually KSC). The group is larger than the Rapid Response Team. A contractor physician, nurse, and environmental health specialist is usually present to provide occupational medicine services to the team.
Respiratory Protection Panel	A panel chaired by the MESC. The Respiratory Protection Panel assists coordination of Government-provided respirator program services at KSC and assists in the implementation of contractor respirator programs. Working group members include Government and contractor health and safety professionals and the life support services.
Records of Decision	EPA approval of proposed final action at a Resource Conservation and Recovery Act (RCRA) covered site.
Rocket Effluent Exhaust Diffusion Model (REEDM)	REEDM is a computer model used to predict the deposition pattern of acidic fallout generated from the Space Shuttle main engine and Solid Rocket Booster exhaust gases during Space Shuttle launches.
Sanitarian	A person trained in the sanitary sciences, biology, or other related field of study, who operates as an inspector or health official. Responsibilities include reviewing programs and enforcing requirements to ensure the safety of food and potable drinking water, compliant operation of sewerage-disposal systems, insect pest control, and animal facilities; disease control and epidemiologic investigations of illnesses; and sanitation complaint investigations.
Space Flight Medical Support Training Course	An annual one-day training course conducted by and at NASA-KSC to provide training to community medical personnel who may have a role in providing medical care to NASA astronauts or personnel. Unique topics such as spaceflight medicine and NASA medical operations are presented.
NASA/DOD Space Operations Medical Support Training Course	An annual multi-day training course conducted jointly by the Department of Defense and NASA to provide training to DOD forces that may have a role in providing medical care to NASA astronauts or personnel. Unique topics to spaceflight medicine and joint NASA/DOD medical operations are presented.
Special Events	KAC Annual Open House, Annual KSC Picnic, and public assembly for

	launch and landing activities.
SWMU Assessment Report	A report providing detailed information on the investigation of potential environmental contamination at a designated solid waste management unit (SWMU).
Technical Response Package (TRP)	An output generated by processing a Process Waste Questionnaire that provides a waste characterization. The TRP is a product that will be generated by the MESC Contractor and provided to KSC/USAF contractors and tenants. (See Section L, Attachment L-10-1 MESC Reference Document List for sample).
Tenant	Federal government organizations and NASA or USAF guest organizations housed in facility space provided by NASA-KSC or USAF. Tenants include liaison offices of other NASA Headquarters and other NASA centers, the Department of Defense, the State of Florida, and agencies of foreign governments.
Triage Site	A site on KSC or CCAFS where the KSC emergency medical triage forces set up to receive, decontaminate, treat, and medevac patients of a KSC contingency as described in KSC-PLN-1915 Emergency Medical Services Plan .
Triage Vehicle	A van stocked with medical supplies and is part of the medical triage forces as described in KSC-PLN-1915 Emergency Medical Services Plan.
Visitors Center Water Features	A structure designed to allow for recreational activities with recirculated, filtered, and treated water; but having minimal standing water. Water from the interactive fountain type features is collected by gravity below grade in a collector tank or sump. The water is filtered, disinfected and then pumped to the feature spray discharge heads.
Wind Tower and Rawinsonde Database	A management information system that collects and distributes meteorological data collected from wind towers distributed about the KSC and CCAFS and rawinsonde balloons deployed from KSC/CCAFS.

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AED	Automated External Defibrillator
AED-PC	Automated External Defibrillator Program Coordinator
AHA	American Heart Association
ACO	Administrative Contracting Officer
ACLS	Advanced Cardiac Life Support
ACM	Asbestos Containing Material
ADP	Administrative Data Processing
AFB	Air Force Base
AFI	Air Force Instruction
AFOSH	Air Force Occupational Safety and Health
AFTO	Air Force Technical Order
AHED	Agency Health Enhancement Database
ATLS	Advanced Trauma Life Support
AUDRIS	Automated Utility Database Reporting & Information System
BCLS	Basic Cardiac Life Support
CAP	College of American Pathologists
CCAFS	Cape Canaveral Air Force Station
CFE	Contractor Furnished Equipment
CFP	Contractor Furnished Property
CFR	Code of Federal Regulations
CHMM	Certified Hazardous Material Manager
CISD	Critical Incident Stress Debriefing
CISM	Critical Incident Stress Management
CLIA	Clinical Laboratory Improvement Amendments
CRMP	Cultural Resources Management Plan
DCAA	Defense Contract Audit Agency
DoD	Department of Defense
DOT	Department of Transportation
E.O.	Executive Order
EAP	Employee Assistance Program
EA	Environmental Assessment
ECSAM	Environmental Compliance Sampling, Analysis, and Monitoring
EEC	Environmental Evaluation Console
EIS	Environmental Impact Statement
EH	Environmental Health
EHRS	Electronic Health Records System
EMS	Emergency Medical Services
EMS	Environmental Management System
“EMS”	Emergency Medical Services Coordinator
EOC	Emergency Operations Center

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EPA	Environmental Protection Agency
EPB	Environmental Program Branch
ERD	Environmental Resources Document
ESHOCAMP	Environment, Safety, and Occupational Health Compliance Assessments
ESPC	Environmental Sanitation and Pollution Control
FAR	Federal Acquisition Regulation
FDEP	Florida Department of Environmental Protection
FEHP	Federal Employee Health Program
FONSI	Findings of No Significant Impact
FOWT	Federally Owned Treatment Works
FY	Fiscal Year
G&A	General and Administrative
GAAP	Generally Accepted Accounting Principles
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GIS	Geographic Information System
GPO	Government Printing Office
GSA	General Services Administration
GSE	Ground Support Equipment
HAACP	Hazardous and Critical Control Point
HP	Health Physics
IAQ	Indoor Air Quality
iaw	in accordance with
IH	Industrial hygiene
IRB	Institutional Review Board
ISC	Institutional Services Contract
IT	Information Technology
JDMTA	Jonathan Dickinson Missile Tracking Annex
JOCAS	Job Order Cost Accounting System
JOM	Job Order Monitor
JON	Job Order Number
“KMD”	Kennedy Medical Doctor
“KRN”	Kennedy Registered Nurse
KSC	Kennedy Space Center
KSCVC	Kennedy Space Center Visitors Complex
LOX	Liquid oxygen
MORD	Medical Operations Requirement Document
MOSIP	Medical Operations Implementation Plan: Kennedy Space Center
MOU	Memorandum of Understanding
MRO	Medical Review Officer

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MSD	Musculoskeletal Disorder
MSDS	Material Safety Data Sheet
NADP	National Atmospheric Deposition Program
NASA	National Aeronautics and Space Administration
NDE	Nondestructive Evaluation
NEPOD	NASA Environmental Program Office Database
NOTU	Naval Ordnance Test Unit
NRC	Nuclear Regulatory Commission
OCHMO	Office of the Chief Health and Medical Officer
ODIN	Outsourcing Desktops Initiative in NASA
OM	Occupational Medicine
OMEH	Occupational Medicine and Environmental Health
OSHA	Occupational Safety and Health Administration
PAFB	Patrick Air Force Base
PCM	Phase Contract Microscopy
PLM	Polarized Light Microscopy
PRL	Potential Release Location
PWQ	Process Waste Questionnaire
RDI	Rapid Quantitative Determination
REC	Record of Environmental Consideration
ROD	Records of Decision
RUA	Radiation Use Request
RUR	Radiation Use Authorization
RPO	Radiation Protection Officer
SAN	Sanitation
SOW	Statement of Work
SPCC	Spill Prevention Control and Countermeasures Plan
SRB	Solid Rocket Booster
SSPF	Space Station Processing Facility
SW	Space Wing
SWMU	Solid Waste Management Unit
T.E.	Technical Exhibit
T.O.	Technical Order
TBD	To Be Determined By The Government
TBP	To Be Proposed By The Contractor
TCDT	Terminal Countdown Demonstration Test
TCLP	Toxicity Characteristic Leachate Procedure
TRP	Technical Response Package
TSDF	Treatment, Storage, and Disposal Facility
USAF	United States Air Force
USFWS	United States Fish and Wildlife Service

GLOSSARY, ACRONYMS, AND ABBREVIATIONS - ATTACHMENT J-11

VAFB	Vandenberg Air Force Base
VC	Visitors Center Complex
VITS	Video Teleconferencing System
VPP	Voluntary Protection Program
WBS	Work Breakdown Structure