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NO

HQ AFCESA TYNDALL AFB FL//CEX//  
AIG 9642  
HQ ACC LANGLEY AFB VA//CEX//  
HQ AETC RANDOLPH AFB TX//CEO//  
HQ AFMC WRIGHT-PATTERSON AFB OH//CEO//  
HQ AFSPC PETERSON AFB CO//CEP//  
HQ AFSOC HURLBURT FIELD FL//CEO//  
HQ AMC SCOTT AFB IL//CEX//  
HQ PACAF HICKAM AFB HI//CEO//  
ANGRC ANDREWS AFB MD//CEX//  
HQ AFRC ROBINS AFB GA//CEX//  
HQ USAFE RAMSTEIN AB GE//CEX//  
HQ USAFA USAF ACADEMY CO//CEX//  
INFO HQ USAF WASHINGTON DC//ILEX/ILEM//

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SUBJECT: JOINT FIREFIGHTER INTEGRATED RESPONSE ENSEMBLE (JFIRE)  
PROGRAM INFORMATION.

1. THIS MESSAGE COVERS INFORMATIONAL ISSUES CONCERNING THE JFIRE PROGRAM. PLEASE ENSURE THE WIDEST DISSEMINATION POSSIBLE TO ALL AIR

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FORCE FIRE DEPARTMENTS, CIVIL ENGINEER READINESS FLIGHTS AND  
INSTALLATION INDIVIDUAL EQUIPMENT UNITS. THE GOAL OF THIS MESSAGE IS  
TO ANSWER QUESTIONS AND PROVIDE UPDATES FOR THE JFIRE PROGRAM. THE  
LOCAL BASE FOCAL POINT FOR JFIRE ISSUES AND INFORMATION IS THE  
READINESS FLIGHT COMMANDER, BASE FIRE CHIEF AND FIRE PROTECTION  
FLIGHT SENIOR ASSISTANT CHIEF OF OPERATIONS, READINESS AND  
LOGISTICS.

2. THE FOLLOWING REFERENCE MATERIALS ARE NOW AVAILABLE TO ESTABLISH  
TRAINING, OPERATIONAL USE, AND JFIRE MAINTENANCE PROGRAMS:

- A. TO-14P3-1-181, JOINT FIREFIGHTER INTEGRATED RESPONSE ENSEMBLE.
- B. TO-14P3-1-141, JOINT SERVICE LIGHTWEIGHT SUIT TECHNOLOGY  
(JSLIST).
- C. TO-14P4-17-3, CHEMICAL WARFARE KIT FOR THE INTERSPIRO  
SCBA MASK.
- D. TO-14P4-15-11, OPERATOR AND USER MAINTENANCE MANUAL FOR PATS  
SYSTEM.
- E. AFI 32-4005, PERSONNEL PROTECTION AND ATTACK ACTIONS.
- F. AFI 32-4006, NBC MASK FIT AND LIQUID HAZARD SIMULANT TRAINING.
- G. JFIRE TRAINING VIDEOTAPE AIR FORCE PIN # 613571.

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H. READINESS TRAINING PACKAGE ON THE AFCESA WEB PAGE:

WWW.AFCESA.AF.MIL/DIRECTORATE/CEX/PROGRAMS/DROPMENU.HTML

I. MESSAGE R 021242Z AUG 99. FIREFIGHTER JSLIST CHEMICAL WARFARE BAG (C-1BAG) AND SPECIAL PROTECTIVE EQUIPMENT REQUIREMENTS.

J. MESSAGE R 191324Z AUG 99. JFIRE GLOVE DEFICIENCY MONITORING AND REPORTING INFORMATION.

K. MESSAGE R 081600Z JUNE 99. JSLIST NBC OVER GARMENT FIELDING PLAN.

3. CONCEPT OF OPERATIONS: PRIOR TO OBTAINING THE JFIRE, FIREFIGHTERS COULD NOT CONDUCT INTERIOR FIREFIGHTING AND RESCUE OPERATIONS IN AIRCRAFT OR STRUCTURES WHILE IN CHEMICAL/BIOLOGICAL CONTAMINATED ENVIRONMENTS. FIREFIGHTERS NOW HAVE CAPABILITY TO PERFORM LIMITED INTERIOR RESCUE AND FIREFIGHTING OPERATIONS. BUT THE FOLLOWING MUST BE EMPHASIZED IN ALL TRAINING AND OPERATIONAL PROGRAMS.

A. THE JFIRE ENSEMBLE ADDS ADDITIONAL PHYSICAL HEAT STRESSES ON FIREFIGHTERS.

B. LONGER REST AND SHORTER WORK CYCLES WILL BE NECESSARY.

REHABILITATION AFTER PHYSICALLY TAXING OPERATIONS IS CRITICAL.

COMMANDERS AND SENIOR FIRE OFFICERS (SFOS) MUST BE VIGILANT IN

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MONITORING THE CONDITION OF FIREFIGHTERS TO PREVENT OVER EXERTION,  
EXHAUSTION AND HEAT RELATED ILLNESSES.

C. WHEN THE INTERSPIRO CW MASK IS BEING DECONTAMINATED FIREFIGHTERS  
WILL WEAR THE MCU2A/P. IF FIREFIGHTERS DON'T HAVE A REPLACEMENT  
INTERSPIRO CW MASK, INTERIOR FIREFIGHTING CANNOT BE PERFORMED.

D. ONCE BUNKER GEAR IS CONTAMINATED IT MAY BE REUSED AS LONG AS THE  
CONTAMINATION IS NOT SIGNIFICANT. THE JSLIST WILL PROTECT THE WEARER  
FROM A CHEMICAL ENVIRONMENT WHETHER THE ENVIRONMENT IS IMPOSED FROM  
AMBIENT AIR OR BUNKER GEAR.

E. JFIRE HAS NOT CHANGED THE NEED FOR COMMANDERS AND SFOS TO  
SELECTIVELY EMPLOY FIREFIGHTING FORCES FOR MISSION PRIORITY ASSETS.  
EXTERIOR FIREFIGHTING ONLY, MAY STILL BE A PROPER CALL UNDER VARIOUS  
CONDITIONS

F. IT IS CRITICAL SENIOR FIRE OFFICERS EDUCATE THE WING AND SUPPORT  
LEADERSHIP ABOUT SPECIFIC WARTIME FIRE FIGHTING CAPABILITIES AND  
LIMITATIONS.

4. INITIAL FIELDING OF THE JSLIST, COMMERCIAL OFF THE SHELF (COTS)  
GLOVES AND MASK MODIFICATION KITS (MMKS) IS NEAR COMPLETION (JSLIST -  
88.5%, GLOVES - 61%, MMK - 83%). THE USAF MATERIAL FIELDING PLAN

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PROVIDES FOR DELIVERY OF THESE JFIRE ITEMS TO USAF FIRE DEPARTMENTS WITH MILITARY UTCs. FIRE PROTECTION FLIGHTS NEED TO VERIFY THEY HAVE RECEIVED THE REQUIRED REQUISITIONS FOR EACH FIREFIGHTER ASSIGNED TO A UTC PLUS 20%: FIVE JSLIST SUITS, TWO COTS GLOVES AND ONE MMK (EACH KIT CONTAINS 4 BEARDS AND HOSE COVERS). THE INITIAL SHIPMENT OF JSLIST SUITS IS FOR FIREFIGHTERS AND EOD ONLY. THE FOLLOWING FIELDING ISSUES HAVE BEEN IDENTIFIED AND ARE BEING RESOLVED AT THIS TIME:

A. SOME FIRE DEPARTMENTS ARE REPORTING THEY HAVE NOT RECEIVED JSLIST SUITS. FIRE CHIEFS NEED TO COORDINATE WITH THE READINESS FLIGHT AND BASE SUPPLY TO INSURE THEY HAVE CONTROL OF THEIR SUITS. CONTROL DOES NOT NECESSARILY MEAN THE JSLIST SUITS MUST BE KEPT IN THE FIRE STATION.

B. SOME JSLIST COMPONENT PACKAGES (TROUSERS/COATS) DID NOT CONTAIN WHAT THE NOMENCLATURE IDENTIFIED AS BEING IN THE BAG. HOWEVER, THE NATIONAL STOCK NUMBER (NSN) IDENTIFIED THE CORRECT ITEM.

C. TARIFF SIZING (SIZING MIX BASED ON 100 PEOPLE) WAS USED TO DISTRIBUTE JSLIST SUITS. THIS HAS NOT WORKED WELL FOR OUTFITTING ALL UTC REQUIREMENTS. HSW/YA, AFCESA AND MAJCOM CEXR/CEXF ARE WORKING TO

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RESOLVE THIS ISSUE.

D. INITIAL JSLIST DELIVERIES FOR FIREFIGHTERS IS THE WOODLAND PATTERN ONLY. DESERT CAMOUFLAGE WILL NOT BE INCLUDED IN THE INITIAL SHIPMENT.

E. THE STANDARD HELMET SHROUD IS NOT LARGE ENOUGH TO COVER THE INTERSPIRO CW MASK. CONTACT THE HELMET MANUFACTURER TO OBTAIN LARGER SHROUDS WHEN NEEDED.

5. DEVELOPMENT OF A LOCAL RECURRING PROFICIENCY TRAINING PROGRAM IS CRITICAL. THE JFIRE DOES IMPOSE ADDITIONAL PHYSICAL STRESSES ON THE FIREFIGHTER. THROUGH TRAINING FIREFIGHTERS WILL GAIN THE SKILL AND CONFIDENCE NECESSARY TO PERFORM AT AN OPTIMUM LEVEL. COORDINATE WITH THE CIVIL ENGINEER READINESS FLIGHT CHIEF TO INSURE FIREFIGHTERS ARE CREDITED FOR THEIR ANNUAL CW REFRESHER TRAINING IAW AFI 10-210, PARA 3.5.2 ATTACHMENT 3, TABLE A3.1.

6. MISCELLANEOUS JFIRE ISSUES:

A. FIREFIGHTERS WEAR THE JSLIST AS THEIR DUTY UNIFORM AT MOPP II AND ABOVE. HOWEVER THE BDU CAN BE WORN UNDER THE JSLIST IN COLD CLIMATES.

B. THE JFIRE TRAINING TAPE INCORPORATES THE NOMEX HOOD AT MOPP IV.

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THIS IS NOT CORRECT. THE NOMEX HOOD IS DONNED AT MOPP II AND ABOVE AS DESCRIBED IN TO-14P3-1-181.

C. TO14P4-17-3, CHAPTER 3.1.2 IDENTIFIES THE INTERSPIRO MASK SHELF LIFE TO BE 10 YEARS IN THE BOX AND 5 YEARS AFTER OPENING. THIS IS NOT CORRECT, THE MASK HAS NO SHELF LIFE AS LONG AS IT IS IN SERVICEABLE CONDITION.

7. SFO MUST REPORT ANY DEFECTS ON SF 368 PRODUCT QUALITY DEFICIENCY REPORT, IAW TO 00-35D-54. FOR FIREFIGHTERS TO SURVIVE AND OPERATE EFFECTIVELY WITH THIS NEW SYSTEM IN A NBC ENVIRONMENT IT IS CRITICAL WE QUICKLY IDENTIFY ANY SUIT OR OPERATIONAL DEFICIENCIES AND INFORM THE ITEM MANAGER.

8. ADDITIONALLY ANY RECOMMENDATIONS FOR IMPROVEMENT FOUND BY FIREFIGHTERS DURING TRAINING OR REAL WORLD EVENTS SHOULD BE REPORTED TO MAJCOM FIRE OFFICES AND HQ AFCESA/CEXF POC.

9. HQ AFCESA/CEXF POC IS CMSGT RIVERA, DSN 523-6153, E-MAIL JOSEPH.RIVERA@AFCESA.TYNDALL.AF.MIL.

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