

“New” International Standards



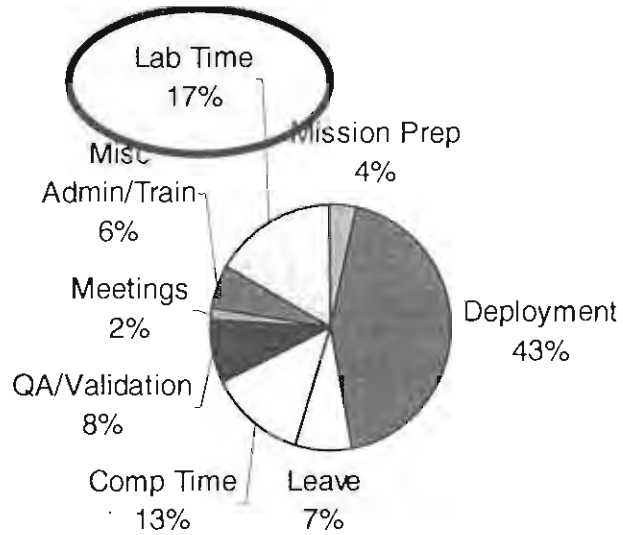
≈ March 2008



Laboratory Staffing

Odontologists	$X = mc^2$	3
Anthropologists	$B = mc^2$	
Permanent	$C =$	22*
ORISE		5
Technicians	$=$	3/1
Other		3

* Includes Lab Management



FTE = 3.2



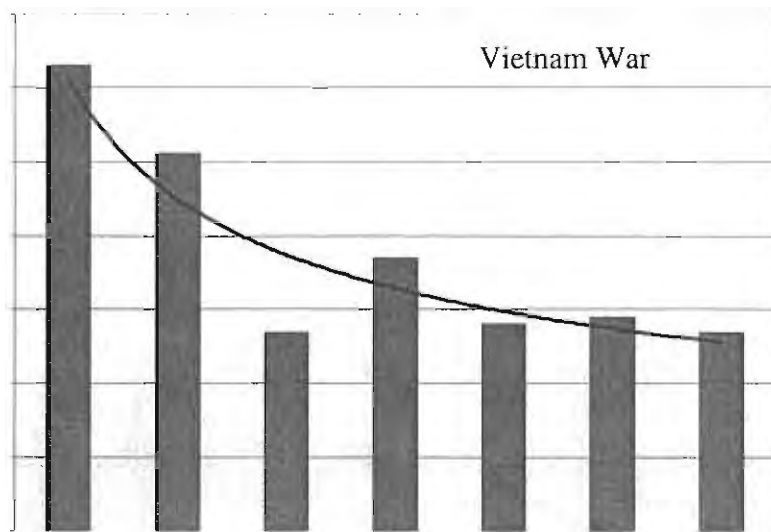
Last 7 Years

1 U.S. Serviceman Identified
Every 3.8 Working Days

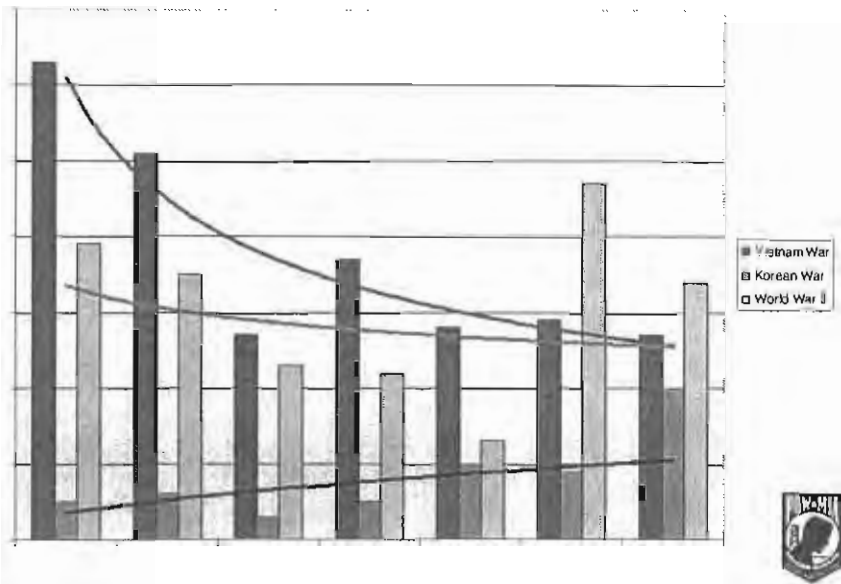
1 Vietnam War Serviceman
Identified Every 9 Working Days



Identifications



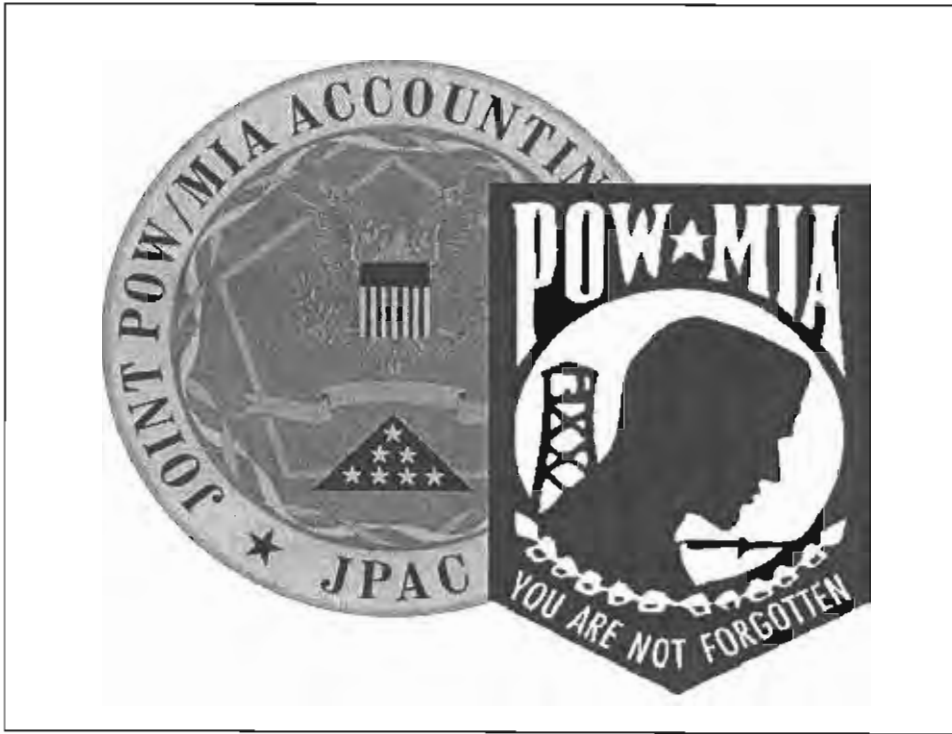
All Wars



Identifications Per Case (2000-2006)

Vietnam War	2.0
Korean War	1.6
World War II	3.9







Life Sciences Equipment Lab



Maximizing warfighter combat power and survivability



Update

June 2007

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ORDER OF PRESENTATION



- **LSEL/Life Sciences Artifact Section**
 - Mission
 - Support and reference material
- **LSAS Value Added**



LIFE SCIENCES ARTIFACT SECTION

SUPPORT TO THE DOD
PERSONNEL ACCOUNTABILITY
MISSION



LIFE SCIENCES ARTIFACT SECTION MISSION



- POW/MP PERSONNEL ACCOUNTABILITY
- TECHNICAL AND SCIENTIFIC SUPPORT TO JOINT SERVICES EFFORT IN LOCATION AND IDENTIFICATION OF MISSING SERVICE MEMBERS



ANALYSIS CENTERS ON CASES INVOLVING
AIRCRAFT/AIRCREW LOSSES FOR ALL
SERVICES FROM THE VIETNAM ERA



ACCOUNTABILITY SUPPORT ALSO INCLUDES THE
IDENTIFICATION OF EQUIPMENT RELATED TO
COMBAT GROUND FORCES FOR WORLD WAR I,
WORLD WAR II, KOREA AND VIETNAM

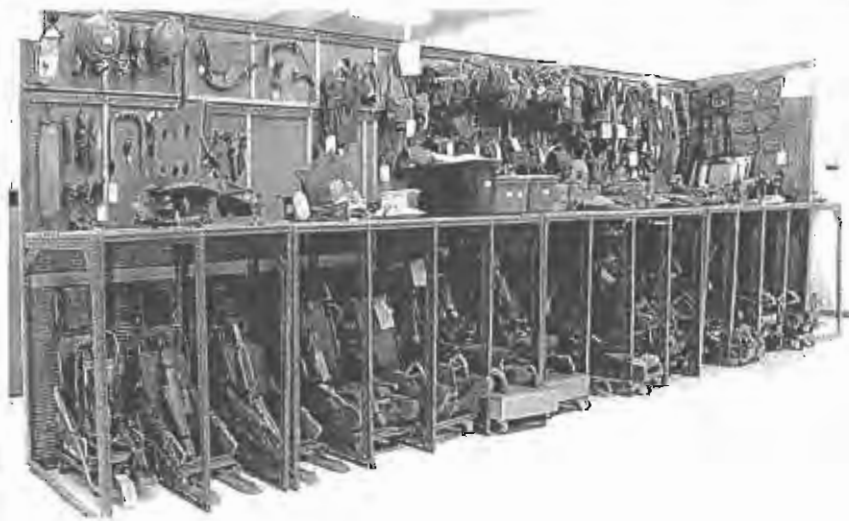




LIFE SCIENCES EQUIPMENT LABORATORY
FACILITIES INCLUDE MANNEQUINS ATTIRED IN
PERIOD UNIFORMS AND DISPLAY STANDS WITH
VARIOUS EJECTION SEAT EXAMPLES



REFERENCE MATERIAL





REFERENCE MATERIAL



CASE PROCESSING PROCEDURES



RECEIVING AND RECORDING THE CASE ARTIFACTS



RECONCILIATION OF ARTIFACTS TO CUSTODY DOCUMENTS





PHOTOGRAPHY OF ARTIFACT RECEIPT CONDITION



REVIEW OF ARCHIVED TECHNICAL & FLIGHT MANUALS





MATCHING ARTIFACT TO MASTER REFERENCE



MICROSCOPIC ANALYSIS OF ARTIFACTS





PHOTOGRAPHY FOR REPORT



FINAL REPORT AND CD





LIFE SCIENCES ARTIFACT SECTION

Value Added

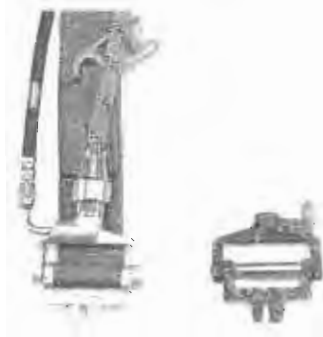


USAF A-1E/G





A-1 ESCAPE SYSTEM HARDWARE



PILOT WORN OXYGEN MASK HARDWARE





CONNECTED LAP BELT HARDWARE



JUNGLE BOOT PROTECTIVE INSOLE PLATE





CUTAWAY PROFILE OF THE JUNGLE BOOT



CONNECTED TORSO HARNESS HARDWARE





CLOSE-UP OF THE SAFETY PINS
IMBEDDED INTO THE HARDWARE



A-1 PILOT ENSEMBLE





USN/USMC F-8E



INTERIOR PARACHUTE CONTAINER COMPARISON





EJECTION SEAT INERTIA REEL RESTRAINT STRAP

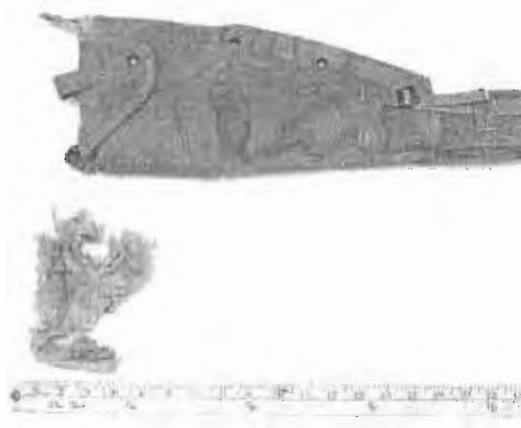


EJECTION SEAT RESTRAINT/LAP BELT COMPARISON





LIFE PRESERVER CONTAINER COMPARISON



TORSO HARNESS AND ASSOCIATED HARDWARE COMPARISON





F-8 PILOT ENSEMBLE



LIFE SCIENCES ARTIFACT SECTION BROOKS CITY-BASE, TEXAS



**"We're dealing with the last
chapter in a man's life"**

Dallas Morning News