

REPORT DOCUMENTATION PAGE

*Form Approved
OMB No. 0704-0188*

The public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.
PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.

1. REPORT DATE (DD-MM-YYYY) August 1994			2. REPORT TYPE		3. DATES COVERED (From - To)	
4. TITLE AND SUBTITLE MIRT -Hierarchical List of Indexing Terms					5a. CONTRACT NUMBER	
					5b. GRANT NUMBER	
					5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)					5d. PROJECT NUMBER	
					5e. TASK NUMBER	
					5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Defense Technical Information Center MATRIS Office, DTIC-AM 53355 Cole Road San Diego, CA 92152-7213					8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)					10. SPONSOR/MONITOR'S ACRONYM(S)	
					11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for Public Release; distribution unlimited						
13. SUPPLEMENTARY NOTES						
14. ABSTRACT						
15. SUBJECT TERMS						
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT SAR	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON	
a. REPORT U	b. ABSTRACT U	c. THIS PAGE U			19b. TELEPHONE NUMBER (Include area code) 619-553-7000	

MIRT

HIERARCHICAL LIST OF INDEXING TERMS

MATRIS

Defense Technical Information Center
MATRIS Office, DTIC-AM
53355 Cole Road
San Diego, CA 92152-7213
(619) 553-7000 / DSN 553-7000

MATRIS Indexing and Retrieval Thesaurus

MIRT

Hierarchical List of Indexing Terms

August 1994

Contents

Manpower	page	1
Recruitment	page	3
Selection/Classification/Assignment	page	5
Education and Training	page	7
Human Resources Management	page	13
Organizations	page	19
Human Factors Engineering	page	23
Information Processing/Cognition	page	29
Human Performance	page	33
Data Management	page	39
Program Management	page	41
Defense/Warfare	page	43
Personnel	page	47
Skills	page	51
Task/System Analysis	page	53
Quantification/Analysis Techniques	page	55
Safety/Environmental Factors	page	61
Systems/Equipment	page	63
Media/Documents	page	69

MANPOWER

B MANPOWER

- Bc Manpower policies
- Bcc Accession policies

- Be Manpower planning
- Bea *UF Personnel planning
- Bec Labor market analysis
- Beca *UF Market analysis
- Becc Youth labor market
- Bee Manpower forecasting
- Beec Enlistment forecasting
- Beee Reenlistment forecasting
- Beeg Manpower loss forecasting
- Beegc Casualty estimation
- Beg Manpower requirements
- Bega *UF Manpower demand
- Begc Manpower shortages
- Bei Manpower supply
- Beia *UF Manpower availability
- Beia *UF Manpower pool
- Beic Industry competition

- Bg Manpower management
- Bgc Manpower utilization
- Bgca *UF Manpower allocation
- Bgcc Manpower utilization systems
- Bgce Marginal manpower utilization
- Bge Manpower management techniques
- Bgg Manpower management evaluation
- Bgi Force reduction
- Bgk Manpower management information systems
- Bgkc Enlistment / reenlistment projection systems
- Bgke Attrition management information systems

- Bi Force capability
- Bia *UF Defense capability
- Bia *UF Force effectiveness
- Bia *UF Manpower capability
- Bia *UF Military capability

- Bk Mobilization
- Bka *UF Manpower mobilization

Bkc	Industrial mobilization
Bke	Civilian mobilization
Bkg	Mobilization planning
Bm	Force structure
Bmc	Active-reserve mix
Bme	Combat-support mix
Bmg	Military-civilian mix
Bmi	Officer-enlisted mix
Bmk	Volunteer force
Bmm	Aging workforce
Bmo	Grade distribution
Bmq	Occupational / career mix
Bms	Personnel quality
Bmsc	Skill reduction
Bmse	Skill deficiency
Bo	Manpower availability factors
Boc	Economic factors
Boe	Labor market conditions
Bog	Political trends
Boi	Cultural trends
Bok	Social trends / changes
Bom	Technological trends
Bq	Manpower data
Bqc	Biographical data
Bqe	Geographic data
Bqea	*UF Regional data
Bqg	Census data
Bqi	Demographic projections
Bqia	*UF Population projections
Bqk	Post-service employment

RECRUITMENT

C RECRUITMENT

- Cc Recruitment policies
- Ccc Recruiting quotas

- Ce Recruitment standards
- Cea *UF Enlistment standards

- Cg Recruitment strategies
- Cgc Recruitment advertising
- Cgcc Promotional programs
- Cge Recruit profiling
- Cgg Recruit counseling
- Cgi Enlistment incentives
- Cgia *UF Enlistment guarantees
- Cgia *UF Enlistment options
- Cgia *UF Recruiting incentives / inducements
- Cgic School guarantees
- Cgie Location guarantees
- Cgig Delayed entry program
- Cgii Scholarships
- Cgk Selective service
- Cgka *UF Conscription
- Cgka *UF Draft

- Ci Enlistment decision
- Cic Recruit influencing factors

- Ck Recruit screening
- Ckc Security screening
- Ckca *UF Background investigations
- Cke Drug use history

- Cm Recruiter management
- Cmc Recruiter selection
- Cme Recruiter training
- Cmg Recruiter distribution
- Cmga *UF Recruiter placement
- Cmi Recruiter evaluation
- Cmic Recruiter effectiveness

- Co Recruiting stations

Cq Recruitment evaluation
Cqc Recruit quality
Cqcc High-quality recruits
Cqe Recruiting effectiveness
Cqea *UF Recruiting success
Cqg Recruitment costs
Cqga *UF Cost-per-individual recruited

Cs Recruitment data

Cu Enlistment data
Cuc Enlistment rates
Cuca *UF Accession rates

Cw Recruitment systems
Cwc Recruiting information systems
Cwe Computerized guarantee systems

SELECTION / CLASSIFICATION / ASSIGNMENT

D SELECTION / CLASSIFICATION / ASSIGNMENT

- Db Personnel accessions
- Dbc Lateral entry

- Dc Personnel selection
 - Dca *UF Hiring practices
 - Dcc Selection criteria
 - Dcca *UF Selection standards
 - Dccc Veterans preference
 - Dce Selection strategies
 - Dcg Selection systems

- De Personnel classification
 - Dec Classification strategies
 - Decc Classification standards
 - Dee Military classification codes
 - Deec Air Force Specialty Codes
 - Deeca *UF AFSC
 - Deee Military Occupational Specialties
 - Deeea *UF MOS
 - Deeg Navy Enlisted Classification
 - Deega *UF NEC
 - Deg Classification evaluation

- Dg Personnel assignment
 - Dgc Assignment strategies
 - Dgcc Assignment / reassignment systems
 - Dgcca *UF Assignment programs
 - Dgccc Computerized assignment systems
 - Dgce Person-job matching
 - Dge Initial assignment
 - Dgg Specialty assignment
 - Dgi Assignment rotation

- Di Selection / classification / assignment data

- Dk Reenlistment data



EDUCATION AND TRAINING

E EDUCATION AND TRAINING

- Eb Training types
- Ebc Basic training
- Ebca *UF Initial entry training
- Ebd Officer training
- Ebdc Officer candidate training
- Ebdca *UF ROTC
- Ebe Intelligence training
- Ebg Combat training
- Ebh Weapon system training
- Ebj Flight training
- Ebjc Undergraduate pilot training
- Ebk Armored vehicle training
- Ebka *UF Tank training
- Ebm Readiness training / exercises
- Ebmc Field exercises
- Ebme Mobilization exercises
- Ebmg Command post exercises
- Ebmi Fleet exercises
- Ebn Shore-based training
- Ebo On-site training
- Eboa *UF On-board training
- Ebq Shipboard training
- Ebr Basic skills training
- Ebrc Remedial training
- Ebs Technical skills training
- Ebu Maintenance training
- Ebv Job skills training
- Ebvc Skill maintenance training
- Ebvca *UF Refresher training
- Ebve Skill enhancement training
- Ebx Personal improvement / social training
- Ebxc Equal Employment Opportunity training
- Eby Orientation training

- Ed Instructional system development
- Eda *UF ISD
- Edc Instructional theory
- Edcc Instructional strategies
- Edccc Practice effects / intervals
- Edcce Training sequence

Ede Training requirements
 Edea *UF Instructional deficiency
 Edea *UF Training goals / standards
 Edea *UF Training needs
 Edea *UF Training problem assessment
 Edg Instructional design
 Edgc Training design factors
 Edge Curriculum development
 Edgea *UF Course design
 Edgg Courseware development
 Edgi Student / instructor ratios
 Edgk Training environment
 Edi Training feedback
 Edia *UF After-action reviews
 Edia *UF Debriefing
 Edk Transfer of training
 Edm Generalizability of training

Ef Training equipment development
 Efa *UF Training device development
 Efc Training equipment procurement / acquisition

Eh Instructional approaches / methods
 Ehb Pretraining preparation
 Ehba *UF Student preparation
 Ehc Classroom instruction
 Ehca *UF Lecture instruction
 Ehd Peer instruction
 Ehe Tutoring
 Ehg Individualized instruction
 Ehga *UF Learner-centered instruction
 Ehga *UF Self-paced instruction
 Ehh Programmed instruction
 Ehi Group training
 Ehia *UF Team training
 Ehic Unit training
 Ehica *UF Crew training
 Ehj Job-based training
 Ehja *UF Hands-on training
 Ehja *UF On-the-job training
 Ehl Interactive training
 Ehm Apprentice training
 Ehn Multimedia training
 Eho Part-task training
 Ehp Embedded training
 Ehq Distance learning
 Ehqc Teletraining
 Ehr Behavior modification
 Eht Live equipment training
 Ehta *UF Live-fire training

Ehv Retraining
 Ehx Accelerated teaching techniques

Ej Computer applications in training
 Ejc Computer-aided instruction
 Ejca *UF CAI
 Ejca *UF CMI
 Ejca *UF Computer-aided interactive training
 Ejca *UF Computer-based instruction
 Ejca *UF Computer-integrated instruction
 Ejca *UF ICW
 Ejca *UF Interactive courseware
 Ejca *UF PLATO
 Eje Computer-based maintenance training
 Ejj Tutorial dialog
 Eji Adaptive instructional strategies
 Ejk Automated instructor functions
 Ejm Computer-aided feedback

El Training aids
 Ela *UF Instructional materials
 Ela *UF Training guidelines
 Ela *UF Training materials
 Ela *UF Training support materials
 Elc Textbooks
 Ele Training manuals
 Elg Training packages
 Elga *UF Course of study
 Elga *UF Curriculum package
 Eli Workbooks
 Elk Skill development aids
 Elm Self-study aids
 Elo Games
 Eloc Computer games
 Eloca *UF Video games
 Elq Instructor materials
 Elqa *UF Teacher's guides
 Els Training aids / materials adaptation

En Training devices
 Enc Trainers
 Ence Part-task trainers
 Ene Closed circuit television
 Eng Weapon-firing training devices
 Eni Instructor stations

Ep Training simulators / simulation
 Epc Warfare simulators / simulation
 Epcc Combat simulation
 Epcca *UF Battle simulation

Epcca	*UF Battlefield simulation
Epcca	*UF Engagement simulation
Epcca	*UF Mission rehearsal
Epcca	*UF Tactical simulation
Epce	Wargames
Epcg	Battle scenarios
Epe	Vehicle simulation
Epg	Weapon systems simulation
Epgc	Gunfire trainers / simulators
Eph	Target simulation
Epi	Flight simulation
Epic	Aircraft simulators
Epie	Aircraft carrier landing simulation
Epk	Maintenance trainers / simulators
Epm	Sensor system simulation
Epmc	Electro-optical sensor simulators
Epme	Acoustic sensor simulators
Epo	Motion simulation / simulators
Epq	Platform control simulation
Epqc	Bridge control simulator
Epqe	Navigation trainer
Eps	Damage control simulation
Epse	Firefighting trainer / simulator
Epu	Environment simulation
Epua	*UF Dome simulator
Epw	Scene generators / simulators
Epwc	Terrain travel simulation
Epwca	*UF Dynamic terrain
Epx	Networked simulation
Epxa	*UF Linked simulators
Epxa	*UF SIMNET
Epxa	*UF Simulation networking
Epy	Virtual reality
Epya	*UF Cyberspace
Epya	*UF Virtual environment
Epya	*UF Virtual perception
Epyc	Data glove
Eq	Training facilities
Eqc	Training ranges
Eqe	Training bases / centers
Eqg	Service schools
Eqgc	Class "A" schools
Eqge	Class "C" schools
Eqi	Civilian schools
Eqic	High schools
Eqie	Colleges / universities
Eqiea	*UF Four-year colleges
Eqiea	*UF Two-year colleges

Eqig	Vocational schools
Eqiga	*UF Technical schools
Eqiga	*UF Trade schools
Es	Educational programs
Esc	Professional development / education
Ese	Medical education programs
Esg	Engineering education programs
Esi	Civilian education programs
Esk	Veterans educational programs
Esm	Correspondence courses
Eu	Training management
Euc	Training planning / administration
Eucc	Training policies
Euce	Training schedules
Eucg	Training resources
Euci	Training systems maintenance
Eue	Computer-based training management
Eug	Training attrition
Eui	Alternative training methods
Ew	Training evaluation
Ewc	Training evaluation methods
Ewe	Training evaluation criteria
Ewg	Instructional methods evaluation
Ewi	Curriculum evaluation
Ewk	Training effectiveness assessment
Ewkc	Training performance prediction
Ewke	Training success factors
Ewkg	Training performance payoff
Ewki	Instructor effectiveness
Ewkk	Training device effectiveness
Ewkm	Training aids / materials effectiveness
Ewko	Student-equipment ratios
Ex	Training data
Exc	Training databases
Exe	Training performance data



HUMAN RESOURCES MANAGEMENT

F HUMAN RESOURCES MANAGEMENT

- Fc Career development
- Fcc Career development systems / programs
- Fccc Military career development programs
- Fcce Civilian career development programs
- Fce Career planning
- Fcec Career goals
- Fcee Career choice factors
- Fceg Career promotion channels
- Fcega *UF Career ladders
- Fcega *UF Career paths
- Fcei Skill obsolescence
- Fcg Career management
- Fcgc Promotion
- Fcge Career monitoring / tracking
- Fcgg Career movement
- Fcgi Career area rotation
- Fcgk Career history
- Fci Individual career factors
- Fcic Career motivation
- Fcie Career commitment
- Fcig Vocational interests
- Fck Career counseling
- Fcka *UF Occupational counseling
- Fcka *UF Vocational counseling
- Fckc Career counseling techniques
- Fcke Career counseling effectiveness
- Fckg Career counseling evaluation
- Fcki Occupational information systems
- Fcm Career opportunity
- Fcmc Upward mobility

- Fe Personnel management
- Fea *UF Personnel administration
- Fec Personnel utilization
- Fecc Grade-skill imbalance
- Fecca *UF Occupational imbalance
- Fece Grade / specialty substitution
- Fecea *UF Grade / skill substitution
- Fecg Personnel tradeoffs
- Fed Personnel system structure
- Feda *UF GS

Feda	*UF General Schedule
Feda	*UF PAC
Feda	*UF Professional and Administrative Career
Feda	*UF SES
Feda	*UF Senior Executive Service
Fedc	Merit systems / principles
Fee	Position manning
Feec	Manning requirements
Feeca	*UF Manning determination
Feeca	*UF Staffing requirements
Feecc	Crew size
Feee	Manning effectiveness
Feeg	Staffing standards
Feei	Critical staffing rates
Feek	Manning reduction
Feeka	*UF Essential manning
Feem	Personnel replacement
Feeo	Billets
Feeq	Tour of duty
Fees	Personnel reassignments
Feeu	Personnel rotation
Feuc	Unit rotation
Feew	Personnel relocation
Feewc	Permanent change of station
Feewca	*UF PCS
Feg	Tenure
Fega	*UF Time-in-grade
Fega	*UF Time-in-service
Feh	Reduction-in-Force
Feha	*UF RIF
Fei	Personnel gains / losses
Feic	Attrition
Feica	*UF Resignations
Feica	*UF Retirements
Feica	*UF Separations
Feica	*UF Terminations
Feicc	First-term attrition
Feice	Second-term attrition
Feicg	Attrition prediction
Feici	Attrition reduction
Feie	Retention
Feiec	Retention rates
Feig	First-term enlistment
Feii	Reenlistment
Feiic	Reinlistment rates
Feiie	Reinlistment incentives
Fek	Personnel costs
Fekc	Attrition costs
Feke	Relocation costs
Fekg	Wage rates

Feki Personnel cost data
 Fem Human resource accounting
 Feo Personnel management issues
 Feoc Personnel management systems
 Feoe Accessioning systems
 Feog Personnel management techniques
 Feoi Personnel policies
 Feok Personnel management evaluation
 Feokc Personnel management effectiveness
 Feq Personnel records
 Feqa *UF Personnel files
 Feqc Paperless personnel records
 Feqca *UF Microchip records
 Feqe Soldier data tags
 Feqg Personnel inventories
 Feqga *UF Personnel profiles
 Fes Equal Employment Opportunity
 Fesa *UF EEO
 Fesc Affirmative action
 Feu Military justice
 Feua *UF Court martial
 Feua *UF Military brigs
 Feuc Disciplinary measures
 Few Labor relations
 Fewa *UF Collective bargaining
 Fewa *UF Grievance procedures
 Fewa *UF Labor union issues

Fg Compensation
 Fgc Compensation system design
 Fgca *UF Compensation structure
 Fgcc Compensation innovations
 Fgce Advancement-in-rate
 Fgcg Merit pay
 Fgcga *UF Pay for performance
 Fgci Pay grades / scales
 Fgck Pay caps / freezes
 Fgcm Reenlistment bonuses
 Fgco Special pays
 Fgcoa *UF Hazardous duty pay
 Fgcoa *UF Premium pay
 Fgcoa *UF Proficiency pay
 Fgcoa *UF Sea / foreign duty pay
 Fgcq Compensation comparisons
 Fge Benefits
 Fgec Health care benefits
 Fgeca *UF Medical benefits
 Fgecc Maternity benefits
 Fgece Injury compensation
 Fgecea *UF Disability compensation

Fgee Insurance benefits
 Fgeg Retirement benefits
 Fgei Survivor benefits
 Fgeia *UF Death benefits
 Fgek Separation benefits
 Fgeka *UF Severance benefits
 Fgem Educational benefits
 Fgema *UF GI bill
 Fgema *UF Tuition assistance
 Fgeo Housing benefits
 Fgeoa *UF Supplemental housing allowance
 Fgeq Commissaries
 Fges Special Services benefits
 Fgesa *UF Recreational facilities
 Fgeu Subsistence benefits
 Fgeua *UF Meal expenses
 Fgeua *UF Quarters allowance
 Fgew Military exchanges
 Fgi Reimbursements
 Fgk Leave
 Fgkc Maternity leave

Fi Occupational analysis
 Fic Occupational analysis techniques
 Fica *UF CODAP
 Fie Occupational differences
 Fiec Civilian-military comparisons
 Fig Technical qualifications
 Fik Job skills transfer
 Fim Occupational structures
 Fimc Job inventories
 Fime Occupational grades / skill levels
 Fimg Occupational structuring programs
 Fimi Civilianization of military jobs
 Fio Occupational databases
 Fiq Occupational effectiveness
 Fiqc Personal effectiveness factors
 Fiqcc Morale
 Fiqce Adaptability
 Fiqcg Dissatisfaction
 Fiqci Personal goals / objectives
 Fiqck Health
 Fiqcm Religious values
 Fiqco Socialization
 Fiqcq Self esteem
 Fiqcs Personality
 Fiqe Job-related effectiveness factors
 Fiqec Employee involvement
 Fiqee Incentives
 Fiqeea *UF Awards

Fiqeg	Motivation
Fiqei	Job satisfaction
Fiqek	Commitment
Fiqem	Transfer
Fiqeo	Deployment
Fiqeq	Job performance feedback
Fiqes	Service expectations
Fiqq	Family-related factors
Fiqgc	Family values
Fiqge	Family separation
Fiqgg	Family relocation
Fiqgi	Family harmony
Fiqgk	Single-parent issues
Fiqi	Community / social-related factors
Fiqia	*UF Social change effects

Fk	Job analysis
Fkc	Job description
Fkca	*UF Job definition
Fkca	*UF Job specifications
Fke	Job design
Fkg	Position analysis
Fki	Job classification
Fkic	High-skill jobs
Fkk	Job requirements
Fkkc	Job requirements determination
Fkke	Skill / knowledge requirements
Fkkg	Physical requirements

Fm	Health and human services
Fmc	Occupational health
Fme	Health care delivery
Fmec	Fleet medical care
Fmee	Field medical care
Fmeg	Combat medical care
Fmg	Health care programs / services
Fmgc	Alcohol / drug abuse programs
Fmgca	*UF Alcoholism prevention
Fmgca	*UF Alcoholism treatment
Fmgca	*UF Drug abuse prevention
Fmgca	*UF Drug abuse treatment
Fmge	Mental health programs / services
Fmgea	*UF Psychiatric programs
Fmgec	Stress reduction
Fmgg	Dependents health care
Fmgi	Health maintenance programs
Fmgo	Rehabilitation programs
Fmi	Health care facilities
Fmk	Health services management / planning
Fmkc	Health manpower utilization

Fmke Health care costs
 Fmkg Health services evaluation
 Fmki Health patterns
 Fmkk Health care data
 Fmm Human services programs
 Fmmc Recreational programs
 Fmme Child care programs
 Fmmg Religious programs / chaplainry
 Fmmi Family counseling / support programs

Fo Maladaptive behavior
 Foc Asocial / antisocial behavior
 Focc Unauthorized absence
 Focca *UF AWOL
 Focca *UF Desertion
 Foce Absenteeism
 Focg Delinquency
 Foci Discipline problems
 Fock Aggression
 Foe Substance use / abuse
 Foea *UF Alcohol use / abuse
 Foea *UF Drug use / abuse
 Foea *UF Tobacco use / abuse
 Fog Criminal behavior
 Fogc Child / spouse abuse

Fq Socio-cultural issues
 Fqc Cross-cultural dynamics
 Fqcc Intergroup conflict
 Fqce Cultural assimilation
 Fqe Racial / ethnic issues
 Fqec Race relations
 Fqee Racial inequality
 Fqeg Racial / ethnic conflict
 Fqg Sex issues
 Fqgc Sex discrimination
 Fqge Sex inequality
 Fqgg Sexual harassment
 Fqi Religious issues
 Fqk Societal issues
 Fqkc Military roles in society
 Fqm Moral / ethical issues
 Fqo Bias / prejudice

Fs Human resources management databases
 Fsa *UF Personnel databases
 Fsc Human resources information systems
 Fsca *UF NHRIS

ORGANIZATIONS

G ORGANIZATIONS

Gc	Organization type
Gcc	Countries
Gccc	Foreign countries
Gcce	Allied countries
Gccec	NATO countries
Gccee	TTCP program countries
Gccg	Adversary countries
Gce	Federal government
Gcec	Congressional authorization
Gceg	Department of Defense
Gcegc	Army
Gcege	Air Force
Gcegg	Navy
Gcegi	Marine Corps
Gcegk	National Guard
Gcegm	Reserve military forces
Gcego	Joint military services
Gcegoa	*UF Tri-Services
Gcei	Department of Transportation
Gceic	U.S. Coast Guard
Gceica	*UF USCG
Gceie	Federal Aviation Administration
Gceiea	*UF FAA
Gcek	Office of Personnel Management
Gceka	*UF OPM
Gcem	National Aeronautics and Space Administration
Gcema	*UF NASA
Gcg	State / local governments
Gci	Human services organizations
Gck	Private sector organizations
Gcka	*UF Companies
Gcka	*UF Private industry
Ge	Organizational design / development
Gec	Organizational theory
Gee	Organizational structure
Geec	Organizational complexity
Geee	Organizational procedures
Geeg	Civilian-military interface
Geei	Individual roles
Geek	Individual-organization relationships

Geg Organizational communication
 Gegc Organizational communication networks
 Gei Organizational change
 Geia *UF Change implementation
 Geia *UF Change intervention
 Geia *UF Change management
 Gek Organizational goals / objectives
 Gem Organizational policy
 Gemc Policy planning / development
 Geme Policy implementation
 Gemg Policy evaluation
 Gemga *UF Policy testing
 Geo Organizational culture / climate
 Geoc Organizational stability / turbulence
 Geoe Quality of work life
 Geog Organizational values
 Geoga *UF Organizational ethics
 Geq Individual development
 Geqc Self-assessment
 Geqe Job enrichment
 Geqg Counseling
 Geqi Mentoring
 Ges Leadership
 Gesc Leadership development
 Gese Leadership styles
 Gesg Leadership techniques
 Gesi Leadership assessment
 Gesic Leadership effectiveness
 Gesie Leadership performance prediction
 Gesk Leadership theories
 Gesm Leadership potential
 Geu Operational unit design

 Gg Group development / processes
 Ggc Group dynamics
 Ggcc Group cohesiveness
 Ggcca *UF Comradeship
 Ggcca *UF Group friendships / affiliations
 Ggcca *UF Group loyalty
 Ggce Group identification
 Ggcg Inter-group / intra-group communications
 Ggci Group competition / cooperation
 Gge Group composition / structure
 Ggea *UF Team structure
 Ggec Male-female mix
 Ggee Racial / ethnic mix
 Ggeg Skills / experience mix
 Ggei Heterogeneous groups
 Ggek Homogeneous groups
 Ggem Small groups

Ggg	Group performance
Gggc	Group problem-solving
Ggge	Group decision-making
Gggg	Group / team effectiveness
Gi	Organizational effectiveness
Gic	Productivity
Gicc	Individual productivity
Gice	Group productivity
Gicg	Productivity measures
Gici	Productivity improvement
Gicia	*UF Productivity enhancement
Gicic	Quality circles
Gig	Organizational evaluation
Gii	Organizational data
Gk	Organizational management
Gkc	Management techniques
Gkcc	Management by Objectives
Gkcca	*UF MBO
Gkce	Large-group management
Gkcg	Crisis management
Gkci	Management simulation / games
Gkck	Management decision-making
Gkcm	Human relations management
Gkco	Total Quality Management
Gkcoa	*UF TQM
Gke	Management evaluation
Gkec	Management effectiveness
Gkg	Management development
Gkgc	Managerial potential

HUMAN FACTORS ENGINEERING

H HUMAN FACTORS ENGINEERING

- Hc Human factors engineering design
- Hcc HFE design principles
- Hcca *UF HFE design criteria
- Hce Man-machine interface
- Hcea *UF Crew-equipment integration
- Hcea *UF Human-machine interface
- Hcea *UF Man-in-the-loop
- Hcea *UF Man-machine communication
- Hcea *UF Man-machine integration
- Hcea *UF Soldier-hardware interface
- Hcea *UF User interface
- Hcea *UF User-system interface
- Hcea *UF Vehicle-crew interface
- Hcec Cueing methods
- Hceca *UF Attention cues
- Hcee Voice communication
- Hcg Cockpit resource management
- Hck HFE tools
- Hckc Breadboards
- Hcke Prototypes
- Hckea *UF Rapid prototyping
- Hckg Testbeds
- Hcki Environmental chambers
- Hcm HFE design evaluation
- Hcma *UF Ergonomic assessment
- Hcma *UF HFE design appraisal
- Hco HFE design tradeoffs
- Hcoa *UF Man-machine tradeoffs
- Hcoa *UF Man-software tradeoffs

- He Man-computer interface
- Hea *UF Human-computer interface
- Hea *UF Man-computer communication
- Hea *UF User-computer interface
- Hec Function allocation
- Hecc Trusted system
- Hee Online user help
- Heg Interactive control language
- Hei Natural language interface
- Hek Automated speech / language processing
- Hekc Automated voice / speech recognition

Heke Voice / speech analysis
 Hekec Speech intelligibility
 Hekg Voice / speech synthesis
 Hekga *UF Computer-generated voice
 Heki Speech compression
 Hem Automated text processing
 Hema *UF Automated text reduction
 Hema *UF Automated text translation

Hg Control engineering
 Hgc Control system dynamics
 Hgca *UF Control feedback
 Hge Control systems
 Hgec Manual control
 Hgecc Touch-activated control
 Hgece Controllers
 Hgecea *UF Control devices
 Hgee Remote control
 Hgeg Visually-activated control
 Hgei Voice-activated control
 Hgeia *UF Voice control
 Hgek Hands-off controls
 Hgem Head-up controls
 Hgeo Adaptive control
 Hgeq Automated control
 Hgg Control panels
 Hggc Control panel layout

Hi Display engineering
 Hic Display requirements
 Hie Special-function displays
 Hiec High-resolution displays
 Hiee Situational displays
 Hieg Interactive displays
 Hiei Intelligent displays
 Hiek Programmable displays
 Hiem Integrated displays
 Hieo Static displays
 Hieq Color displays
 Hig Display design
 Higa *UF Display color
 Higa *UF Display luminance
 Higa *UF Display metrics
 Higa *UF Display size
 Higa *UF Display translucency
 Higg Computer image generation
 Higca *UF CIG
 Higca *UF Computer-generated graphics
 Hige Display image quality
 Higea *UF Image attenuation

Higea	*UF Image contrast
Higea	*UF Image distortion
Higea	*UF Image fidelity
Higea	*UF Image intensity
Higea	*UF Image resolution
Higea	*UF Image shading
Higea	*UF Image texture
Higea	*UF Visual display noise
Higec	Display legibility
Higeca	*UF Display readability
Higg	Display interpretability
Higga	*UF Display image magnification
Higga	*UF Display image orientation
Higgc	Display symbology
Higgca	*UF Icons
Hii	Display components
Hiic	Instrument dials
Hiie	Screens
Hiiea	*UF Screen materials
Hik	Display types
Hikc	Cathode-ray-tube displays
Hikca	*UF CRT
Hike	Acoustic displays
Hikea	*UF Sonic imaging displays
Hikg	Laser displays
Hikga	*UF Holographic displays
Hiki	Flat panel displays
Hikj	Electronic displays
Hikl	Electro-optical displays
Hiklc	FLIR displays
Hikle	LLLTV displays
Hikm	Radar displays
Hiko	Plasma displays
Hikp	Liquid crystal displays
Hikpa	*UF LCD
Hikr	Thermal displays
Hiks	Analog displays
Hiku	Digital displays
Hikw	Raster displays
Him	Display presentation formats
Himc	Graphic displays
Himca	*UF Pictorial displays
Hime	Matrix displays
Himi	Large-screen displays
Himk	Miniature displays
Himm	Multiple displays
Himo	Three-dimensional displays
Himoa	*UF 3-D displays
Himoa	*UF Stereoscopic displays
Hio	Display sense modes

Hioc	Visual displays
Hioe	Tactile displays
Hioec	Vibratory displays
Hioee	Touch-screen displays
Hiog	Multi-sensory displays
Hiq	Display location
Hiqc	Helmet-mounted displays
Hiqe	Cockpit displays
Hiqea	*UF Glass cockpit
Hiqg	Head-up displays
Hiqi	Visually-coupled displays
Hiqia	*UF Head-coupled displays
Hk	Control-display integration
Hkc	Control-display systems
Hke	Control-display dynamics
Hkg	Control-display lighting
Hki	Control-display compatibility
Hm	Workplace design
Hmc	Work station design
Hmca	*UF Computer work station design
Hmca	*UF Operator work station design
Hme	Office automation
Ho	Vehicle engineering
Hoc	Cockpit automation
Hoca	*UF Fly-by-wire
Hoe	Windscreen design
Hog	Seat design
Hq	Systems engineering
Hqa	*UF Equipment engineering
Hqa	*UF Weapon systems engineering
Hqc	System design / development
Hqca	*UF Weapon system design
Hqcc	System requirements
Hqcca	*UF Design criteria
Hqcca	*UF Equipment requirements
Hqcca	*UF Weapon system requirements
Hqce	Design aids
Hqcec	Computer-aided system design
Hqceca	*UF CAD / CAM
Hqcee	Design guidelines
Hqcf	Equipment design
Hqcg	Tool design
Hqci	Safety design
Hqck	Simulator design
Hqcm	System redundancy
Hqco	Man-rated

Hqcq	System simulation
Hqcs	Design innovations
Hqcu	Realism / fidelity
Hqcw	User friendliness
Hqe	System modification
Hqec	System modernization
Hqg	System performance
Hqgc	System effectiveness
Hqgca	*UF Crashworthiness
Hqgca	*UF System hardness
Hqgca	*UF System reliability
Hqgca	*UF System survivability
Hqge	System performance degradation
Hqgg	System / equipment maintainability
Hqgga	*UF System readiness / availability
Hqgga	*UF System supportability
Hqgga	*UF System sustainability
Hqggc	System maintenance requirements
Hqggca	*UF Equipment maintenance requirements
Hqgi	System compatibility
Hqgk	Computer response time
Hqi	System test / evaluation
Hqia	*UF Equipment test / evaluation
Hqia	*UF Weapon system test / evaluation
Hqic	Operational performance test / evaluation
Hqk	System obsolescence
Hqka	*UF Equipment obsolescence
Hs	Facilities engineering
Hsc	Facility requirements
Hse	Facilities design
Hsg	Facilities maintenance



INFORMATION PROCESSING / COGNITION

K INFORMATION PROCESSING / COGNITION

- Kc Types of information
 - Kcc Verbal information
 - Kcca *UF Voice information
 - Kce Visual information
 - Kcg Graphic information
 - Kci Technical information
 - Kck Tactical information
 - Kcm Intelligence information

- Kd Information requirements
 - Kdc Input data requirements

- Kf Information acquisition
 - Kfa *UF Information seeking

- Kg Information flow

- Ki Information processing
 - Kic Information processing strategies
 - Kie Information classification
 - Kig Signal processing
 - Kigc Signal detection
 - Kige Signal classification
 - Kii Pattern recognition
 - Kik Situational awareness

- Kj Information characteristics
 - Kja *UF Data characteristics
 - Kjc Data organization
 - Kje Data gaps
 - Kjea *UF Incomplete information
 - Kjg Multiple data sources
 - Kjgc Data fusion
 - Kjge Data links
 - Kji Readability / comprehensibility

- Kl Information-processing environments
 - Klc Situation variables
 - Klca *UF Dynamic environments
 - Klca *UF Situation complexity
 - Klcc Environment complexity

Klce	Probability
Klcg	Uncertainty
Klcga	*UF Unpredictability
Klci	Risk
Kle	Multiple-sensory inputs
Klec	Information overload
Kleca	*UF Sensory overload
Klg	Real-time environments
Kli	Information interference
Klia	*UF Background noise
Klic	Signal-to-noise ratio
Km	Cognition
Kmc	Cognitive theory
Kme	Cognitive styles
Kmea	*UF Cognitive patterns
Kmg	Cognitive processing
Kmga	*UF Mental processing
Kmgc	Inference
Kmgca	*UF Logical inference
Kmge	Intuition
Kmgea	*UF Instincts
Kmgg	Reasoning
Kmggc	Common sense reasoning
Kmgge	Inductive reasoning
Kmgi	Subjective judgment
Kmgk	Mental imagery
Kmi	Cognitive mapping
Kmk	Cognitive responses
Kmm	Cognitive performance
Kmmc	Cognitive overload
Kmme	Mental ability
Kmmea	*UF Intellectual ability / capacity
Kmmg	Marginal mental ability
Kmmga	*UF Category IV
Kmo	Comprehension
Kmoa	*UF Understanding
Kmoc	Language comprehension
Kmocc	Speech comprehension
Kmocca	*UF Verbal processing
Kmocca	*UF Voice / speech processing
Kmoce	Reading comprehension
Kmocea	*UF Text comprehension
Kmoe	Image recognition / processing
Kmoec	Symbolic processing
Kmq	Creativity
Ko	Learning
Koa	*UF Knowledge acquisition
Koa	*UF Knowledge enhancement

Koc Learning theory
 Koe Learning strategies
 Koea *UF Study strategies
 Kog Learning processes
 Koi Learning styles
 Kok Learning ability
 Kom Learning rate
 Koo Learning difficulties
 Koq Experience
 Koqc Experience-based learning
 Koqca *UF Job-related learning
 Kos Relearning
 Kow Conditioning
 Koy Skills learning
 Koya *UF Skill acquisition
 Koyc Skill degradation / perishability
 Koye Skill retention

Kp Decision making
 Kpa *UF Choice
 Kpc Decision theory
 Kpe Decision strategies
 Kpg Decision-making processes
 Kpi Operational decision making
 Kpic Tactical decision making
 Kpie Strategic decision making
 Kpk Decision aids
 Kpkc Computer-based decision aids
 Kpm Decision support systems
 Kpo Decision situation taxonomy

Kr Problem solving
 Krc Problem-solving theory
 Kre Problem-solving strategies

Ks Intelligent systems
 Ksc Knowledge-based expert systems
 Ksca *UF Blackboard systems
 Ksca *UF Case-based reasoning systems
 Ksca *UF Expert systems
 Ksca *UF Inference engines
 Ksca *UF Knowledge-based systems
 Ksca *UF Reasoning systems
 Ksca *UF Rule-based systems
 Kse Knowledge engineering
 Ksg Knowledge representation
 Ksi Artificial intelligence
 Ksia *UF AI

Ksk Fuzzy thinking
Kska *UF Fuzzy controllers
Ksm Neural networks

Ku Memory
Kuc Memory processes
Kue Short-term memory
Kug Long-term memory
Kui Memory enhancement
Kuk Recall
Kuka *UF Knowledge retrieval

Kv Authoring aids
Kvc Computerized authoring aids

HUMAN PERFORMANCE

M HUMAN PERFORMANCE

- Mb Human performance capabilities
- Mbc Job performance
- Mbe School performance
- Mbg Training performance
- Mbi Test performance
- Mbk Career performance
- Mbm Operator performance
- Mbo Soldier performance
- Mboa *UF Soldier capabilities
- Mbq Vigilance
- Mbqc Attention
- Mbqe Alertness
- Mbqg High-arousal states
- Mbs Human response time
- Mbsa *UF Reaction time
- Mbv Performance enhancement

- Mc Human performance measurement
- Mcc Performance objectives
- Mce Performance standards
- Mcg Performance requirements
- Mci Job performance evaluation
- Mcia *UF Performance appraisal
- Mck Performance feedback
- Mcm Performance monitoring
- Mco Performance data
- Mcq Performance prediction

- Me Human performance effectiveness
- Mec Performance variables
- Mee Performance limitations
- Meg Performance degradation / decrements
- Mei Individual differences
- Mek Human error
- Mekc Operator error
- Meke Pilot error

- Mf Attitude assessment
- Mfc Attitudinal change
- Mfe Attitudes
- Mfec Attitudes toward peers

Mfed Attitudes of youths
 Mfef Attitudes of minorities
 Mfeg Attitudes toward minorities
 Mfei Attitudes of females
 Mfej Attitudes toward females
 Mfel Attitudes toward policies
 Mfem Attitudes of communities
 Mfeo Attitudes toward training methods
 Mfep Attitudes toward military service
 Mfer Attitudes toward military benefits
 Mfes Attitudes toward technological innovation
 Mfeu Attitudes toward change

Mh Job aids
 Mha *UF Enriched job aids
 Mha *UF Fully proceduralized job aids
 Mha *UF Hybrid job aids
 Mhc Maintenance / troubleshooting aids

Mi Psychophysiological factors
 Mic Adaptation
 Micc Physiological adaptation
 Mice Psychological adaptation
 Mie Stress
 Miec Combat stress
 Mieca *UF Battle fatigue
 Mieca *UF Combat shock
 Miee Job stress
 Mieg Physiological stress
 Mieg Body temperature
 Miegca *UF Body heat loss
 Miegca *UF Cold stress
 Miegca *UF Heat stress
 Miei Psychological stress
 Miek Coping behavior
 Mieka *UF Coping strategies
 Mig Loss of consciousness
 Mii Body motion
 Miia *UF Kinesthesia
 Mik Fatigue
 Mim Rest
 Mio Sleep deprivation
 Mioa *UF Lack of sleep
 Miq Sensory deprivation
 Mis Restricted body movement
 Miu Confined spaces
 Miw Psychological factors
 Miwc Fear
 Miwe Anxiety
 Miwg Disorientation

Mk	Physical factors
Mkc	Anthropometric measurements
Mkcc	Body size
Mkcca	*UF Body height
Mkcca	*UF Body weight
Mkcea	*UF Limb extention
Mkcea	*UF Arm extention
Mkcea	*UF Leg extention
Mkcea	*UF Reach
Mke	Physical capability
Mkec	Physical strength
Mkee	Physical tolerance
Mkeea	*UF Endurance
Mkeea	*UF Stamina
Mkeg	Work capacity
Mkei	Physical effort / exertion
Mkek	Body mobility
Mkem	Physical variability
Mkeo	Physical fitness
Mkg	Pregnancy
Mki	Nutrition
Mkia	*UF Food
Mkk	Mental illness
Mkka	*UF Psychiatric disorders
Mkcc	Depression
MI	Sensory systems / processes
Mla	*UF Perceptual processes
Mlc	Auditory system
Mlcc	Auditory perception
Mlce	Auditory-evoked response
Mlcea	*UF AER
Mlcg	Auditory disorders
Mlcga	*UF Hearing loss
Mlcga	*UF Tinnitus
Mle	Visual system
Mlec	Visual perception
Mlecc	Depth perception
Mlecca	*UF 3-D perception
Mlecca	*UF Spatial perception
Mlece	Color perception
Mlee	Visual-evoked response
Mleea	*UF VER
Mleg	Eye movement
Mlei	Visual acuity
Mlek	Field-of-view
Mlekc	Peripheral vision
Mlem	Visual adaptation
Mlemc	Night vision
Mleo	Visual disorders

Mleoc	Color defectiveness
Mleoca	*UF Color blindness
Mlg	Olfactory system
Mlgc	Olfactory perception
Mli	Vestibular system
Mlic	Vestibular perception
Mlica	*UF Equilibrium
Mlie	Vestibular disorders
Mliec	Motion sickness
Mlieca	*UF Air sickness
Mlieca	*UF Sea sickness
Mlk	Tactile perception
Mlka	*UF Touch
Mlm	Multi-sensory information processing
Mlma	*UF Multimedia interface
Mlo	Sensory / perceptual performance
Mloc	Response latency
Mn	Perceptual-motor functions / processes
Mna	*UF Neuromuscular functions / processes
Mna	*UF Psychomotor functions
Mnc	Psychomotor performance
Mnca	*UF Motor performance
Mncc	Eye-hand coordination
Mnce	Manual dexterity
Mne	Psychomotor monitoring
Mo	Neurological system
Moa	*UF Brain function / structure
Moa	*UF Neurological functions
Moc	Brain processes
Moca	*UF Brain activity
Moca	*UF Neural processes
Mocc	Brain waves
Moce	Evoked brain response
Mocea	*UF Event-related potentials
Moe	Brain monitoring
Mq	Cardiovascular system / processes
Mr	Respiratory system / processes
Mrc	Breathing
Mrca	*UF Respiration
Mt	Musculoskeletal system / processes
Mtc	Head movement
Mv	Biophysiological procedures / techniques / measures
Mvc	Bioelectrical procedures / measures
Mvca	*UF EEG

Mvca *UF EKG
 Mve Biomagnetic procedures / measures
 Mvg Biochemical procedures / measures
 Mvgc Drug applications
 Mvgca *UF Pharmacological agents
 Mvi Psychophysiological procedures / measures
 Mvia *UF Biofeedback procedures
 Mvk Medical procedures / diagnosis

Mx Biomechanics
 Mxa *UF Biodynamics
 Mxc Crash dynamics
 Mxe Diving physiology
 Mxea *UF Underwater physiology
 Mxec Decompression
 Mxeca *UF Bends
 Mxeca *UF Decompression sickness



DATA MANAGEMENT

N DATA MANAGEMENT

- Nc Information systems by type
- Nca *UF Computer systems
- Ncc Database systems
- Nce Information storage / retrieval systems
- Ncea *UF Computer storage / retrieval systems
- Ncea *UF ISAR systems
- Ncea *UF Information retrieval systems
- Ncg Management information systems
- Ncga *UF MIS
- Nci Program management systems

- Ng Computer system design / development
- Nga *UF Computerization
- Ngc Computer system requirements
- Nge Computer system organization
- Ngea *UF Computer networks
- Ngea *UF Computer system architecture
- Ngea *UF Distributed architectures
- Ngea *UF Networks
- Ngea *UF Parallel architectures
- Ngg Computer system construction
- Nggc Computer interfaces
- Ngi Computer system integration

- Ni Data entry
- Nic Optical scanning
- Nie Electronic data transfer
- Nig Pen-based input

- Nk Data manipulation
- Nkc Data reduction
- Nke Data compression
- Nkg Data conversion
- Nkk Database merging
- Nkka *UF File merging

- Nm Computer system management
- Nmc Computer system / software documentation
- Nme Computer system maintenance
- Nmea *UF System purging
- Nmea *UF Computer system security

Nmg	Computer system security
Nmga	*UF Database security
Nmga	*UF System privacy
No	Computer software
Noa	*UF ADP software
Noc	Software development
Noca	*UF Computer programming
Noca	*UF Integrated software
Nocc	Computer programming languages
Noce	Computer programmer aids
Nocg	Object-oriented programming
Noe	Software maintenance
Nog	Software transferability
Noga	*UF Software portability
Noi	Off-the-shelf software
Nok	Software standards
Nom	Database management software
Noma	*UF DBMS
Noma	*UF Database management systems
Noo	Graphics / mapping software
Noq	Statistical software
Nos	Desktop publishing software
Nou	Word processing software

PROGRAM MANAGEMENT

O PROGRAM MANAGEMENT

- Oc Research and development programs
- Oe Materiel acquisition programs
- Og Human systems integration programs
 - Ogc HARDMAN
 - Oge MANPRINT
 - Ogg IMPACTS
- Oi Program planning
 - Oic Program requirements
 - Oie Program objectives
 - Oiea *UF Program goals
 - Oiea *UF S&T objectives
 - Oig Resource / capability assessment
 - Oii Resource allocation / utilization
 - Oik Priority assessment
 - Oim Program constraints
 - Oio Program costs
 - Oiq Lessons learned
 - Ois Long-range planning
 - Oiu Experiments
 - Oiw Technology assessment
 - Oiwc Technological innovation
 - Oiwe Technology forecasting
 - Oiwg Technology impact
 - Oiwi Off-the-shelf technology
 - Oiwk State-of-the-art technology
 - Oiwm Automation concepts
 - Oiy Planning documentation
- Ok Program development
 - Okc Concept development
 - Oke Feasibility studies
 - Okg Pilot projects
 - Oki Program design
- Om Program administration
 - Oma *UF Administrative procedures
 - Oma *UF Program compliance
 - Oma *UF Program coordination

Oma *UF Program monitoring
 Oma *UF Resource management
 Omc Technical support
 Ome R&D support

Oo Program evaluation
 Ooa *UF Program assessment
 Ooc Program management evaluation
 Ooe Product evaluation

Oq Product utilization
 Oqc Product generalizability / interoperability
 Oqcc Technology transfer
 Oqe Technology acceptance
 Oqea *UF User acceptance
 Oqg R&D product / findings implementation
 Oqi Joint-Service R&D utilization
 Oqk Research findings dissemination
 Oqkc Resource centers

Os Financial management
 Osc Budgeting
 Oscc Budget forecasting

Ou Contract management
 Oua *UF Contract compliance
 Oua *UF Proposal evaluation

Ow Facility management
 Owa *UF Site management
 Owc R&D facilities
 Owca *UF Research laboratories
 Owe Facility costs
 Owg Facilities utilization

DEFENSE / WARFARE

P DEFENSE / WARFARE

Pc State of war
Pcc Peacetime
Pce Wartime

Pe Defense
Pec Air defense
Pee Space defense
Peg National security
Pei Deterrence strategies
Pek Missile defense
Pem Countermeasures
Pemc Electronic countermeasures
Pemca *UF ECM
Peme Optical countermeasures
Pemea *UF Visual countermeasures
Pemg Camouflage
Pemi Stealth technology

Pg Military doctrine
Pga *UF Doctrine

Pi Threats
Pic International crises
Pie Advance warning of attack
Pig Threat recognition
Pii Adversarial analysis
Pik Threat analysis
Pika *UF Military threat analysis
Pika *UF Nonmilitary threat analysis
Pika *UF Threat evaluation
Pim Military crisis management

Pk Warfare by type
Pkc Land warfare
Pkcc Tank warfare
Pkccc Anti-tank warfare
Pke Naval warfare
Pkec Surface warfare
Pkecc Anti-surface warfare
Pkecca *UF ASUW
Pkee Submarine warfare

Pkeec Anti-submarine warfare
 Pkeeca *UF ASW
 Pkg Amphibious warfare
 Pki Air warfare
 Pkic Anti-air warfare
 Pkica *UF AAW
 Pkie Air strike
 Pkk Space warfare
 Pkm Chemical / biological / radiological warfare
 Pkma *UF CBR warfare
 Pkma *UF NBC warfare
 Pkma *UF Nuclear / biological / chemical warfare
 Pkmc Chemical warfare
 Pkme Biological warfare
 Pkmg Radiological warfare
 Pknga *UF Nuclear warfare
 Pko Electronic warfare
 Pkoa *UF EW
 Pkq Mine warfare
 Pkqc Mine detection
 Pkqe Mine countermeasures
 Pks Acoustic warfare
 Pku Urban warfare
 Pkw Special warfare

Pm Military missions
 Pmc Mission requirements
 Pme Mission planning / preparation
 Pmea *UF Mission analysis
 Pmg Terrain analysis
 Pmi Mission performance
 Pmic Mission evaluation
 Pmk Tactical missions
 Pmm Strategic missions
 Pmo Space missions

Po Military operations
 Poc Military intelligence
 Poca *UF Intelligence gathering
 Poca *UF Reconnaissance
 Poe Sustained operations
 Poes *UF Continuous operations
 Pog Offensive operations
 Poga *UF Ambush operations
 Poga *UF Forward area operations
 Poi Night operations
 Pok Battle management
 Poka *UF Airbattle management
 Poka *UF Battlefield management
 Pokc Airland battle

Pom	Combat
Pomc	Ground combat
Pomca	*UF Field combat
Pomca	*UF Land combat
Pome	Air combat
Pomec	Air-to-air combat
Pomee	Air-to-ground combat
Pomeg	Aircraft launch
Pomei	Aircraft landing
Pomeia	*UF Aircraft recovery
Pomg	Close combat
Pomi	Platform maneuvering
Pomic	Nap-of-the-Earth
Pomica	*UF NOE
Poo	Attack
Pooc	Attack planning
Poq	Command / control / communication / intelligence
Poqa	*UF C3 Intelligence
Poqa	*UF C3I
Poqc	Command / control / communication
Poqca	*UF C3
Poqe	Command / control / intelligence
Poqea	*UF C2I
Poqg	Command and control
Poqga	*UF C2
Poqi	Command and control centers
Poqk	Tactical communications
Poqm	Communication degradation
Pos	Damage management
Posc	Damage assessment
Pose	Damage control
Posg	Fire fighting
Pou	Search and rescue
Poua	*UF SAR
Pow	Surveillance
Pp	Nonmilitary operations
Ppc	Drug interdiction
Ppe	Terrorism
Pr	Weapons
Prc	Weapons / ammunition management
Prca	*UF Munitions management / disposal
Prca	*UF Ordnance management / disposal
Pre	Weapons selection / assignment
Prg	Weapon firing / launch
Pri	Weapons handling
Ps	Gunnery
Psc	Anti-tank / anti-armor gunnery

Pse	Fire control
Psea	*UF Artillery control
Psea	*UF Fire direction
Psg	Fire support
Psi	Sustained artillery fire
Pu	Targetry
Puc	Target detection
Pue	Target acquisition
Pug	Target identification / classification
Pui	Target characteristics
Puk	Target tracking
Pum	Target range estimation
Puo	Target motion
Puq	Target hand-off
Pw	Support operations
Pwc	Maintenance / repair
Pwcc	Electronics maintenance
Pwcca	*UF Electronics troubleshooting
Pwce	On-site repairs
Pwe	Logistics support
Pwec	Supply management
Pweca	*UF Materiel management
Pwee	Maintenance / materiel management systems
Pwg	Combat engineering support
Pwi	Airlift operations
Pwk	Shore activities
Pwm	Cartography
Px	Military preparedness
Pxc	Combat effectiveness
Pxe	Operational readiness
Pxea	*UF Combat readiness
Pxec	Deployment readiness
Pxeca	*UF Deployability
Pxee	Personnel readiness
Pxeea	*UF Manpower readiness

PERSONNEL

R PERSONNEL

Rb Military personnel
Rba *UF Uniformed personnel
Rbc Officers
Rbca *UF Commissioned officers
Rbe Officer candidates
Rbec ROTC cadets
Rbg Warrant officers
Rbi Enlisted personnel
Rbic Petty officers
Rbie Noncommissioned officers
Rbiea *UF NCOs

Rc Civilian personnel
Rcc Civil service personnel
Rce Contract personnel

Re Service status
Rec Recruits
Recc Prior service recruits
Rece Nonprior service recruits
Ree Trainees
Reea *UF In-training personnel
Reg Active duty personnel
Rei Reserve personnel
Rek Retired personnel
Rem Veterans
Reo Nonunit manpower
Reoa *UF Individuals' accounts
Reoc Transients
Reoe Patients
Reog Casualties
Reoi Prisoners of war
Reoia *UF POWS

Rf Level of command
Rfc Company commanders
Rfe Command staff
Rfg Commanding officers
Rfga *UF Commanders
Rfi Leaders

Rh Combat personnel
 Rha *UF Combat unit
 Rhc Ground combat personnel
 Rhca *UF Ground forces
 Rhcc Infantry
 Rhce Motorized infantry
 Rhcg Artillery specialists
 Rhci Forward observers
 Rhck Combat vehicle crews
 Rhcke Armor crews
 Rhckca *UF Tank crews
 Rhe Gunners
 Rhg Special Forces

 Ri Shipboard personnel
 Ric Submarine personnel
 Rie Flight deck personnel

 Rk Shore-based personnel

 Rl Aircrews
 Rla *UF Helicopter crews
 Rlc Pilots
 Rlca *UF Aviators
 Rlcc Copilots
 Rle Bombardiers

 Rn Space crews

 Ro Technical specialists
 Roa *UF Technicians
 Rob Navigators
 Roc Electronics specialists
 Roe Calibration technicians
 Rof Communications specialists
 Roh Computer programmers
 Roi Intelligence specialists
 Rok Linguists
 Rom Air traffic controllers
 Roo Underwater workers
 Rooa *UF Divers
 Rop Mechanics
 Roq Maintenance personnel
 Ror Damage control personnel
 Rorc Fire fighters
 Rot Engineering personnel
 Rou Operators
 Rov Scientists / engineers
 Rox Health care specialists
 Roxa *UF Health manpower

Roxa	*UF Medical personnel
Roxc	Physicians
Roxe	Dentists
Roxg	Nurses
Rq	Functional support specialists
Rqc	Recruiters
Rqd	Personnel services staff
Rqdc	Guidance counselors
Rqde	Human relations personnel
Rqf	Instructors
Rqfa	*UF Drill instructors
Rqfa	*UF Teachers
Rqg	Opposing Force
Rqga	*UF OPFOR
Rqi	Chaplains
Rqic	Unit ministry team
Rqica	*UF UMT
Rqj	Evaluators
Rqja	*UF Raters
Rql	Management personnel
Rqla	*UF Executives
Rqla	*UF Supervisors
Rqm	Security personnel
Rqma	*UF Guards
Rqma	*UF Military police
Rqo	Vehicle operators
Rqoa	*UF Drivers
Rqp	Ground crews
Rqr	Supply personnel
Rr	Demographic characteristics
Rrc	Females
Rrca	*UF Women
Rre	Males
Rrea	*UF Men
Rrg	Single parents
Rri	Dual military career couples
Rrk	Minorities
Rrm	Racial / ethnic background
Rrma	*UF American Indians
Rrma	*UF Asian Americans
Rrma	*UF Blacks
Rrma	*UF Caucasians
Rrma	*UF Hispanics
Rro	Education level
Rroc	High school nongraduate
Rroe	Students
Rroec	High school students
Rroee	College students

Rroeea *UF Graduate students
Rroeea *UF Undergraduates
Rrog High school graduates
Rroi College graduates
Rrok Service academy graduates
Rrq Disabled personnel
Rrqa *UF Handicapped personnel

Rt Level of experience
Rtc Novices
Rte Experts

Ru Geographic location
Ruc Overseas personnel
Rue Foreign personnel
Rug CONUS personnel

Rw Teams
Rwa *UF Crews

Rx Families
Rxa *UF Children
Rxa *UF Dependents
Rxa *UF Military families
Rxa *UF Spouses

SKILLS

S SKILLS

Sc	Skill classes
Scc	Critical skills
Scd	Diagnostic skills
Scg	Cognitive skills
Scgc	Decision-making skills
Scge	Problem-solving skills
Sci	Nontraditional skills
Sck	Psychomotor skills
Scka	*UF Motor skills
Scka	*UF Noncognitive skills
Scm	Leadership skills
Se	Military skills
Sec	Tactical warfare skills
See	Urban warfare skills
Seg	Strategic warfare skills
Sei	Shiphandling skills
Seia	*UF Ship piloting
Sek	Aircraft piloting skills
Seka	*UF Flying
Sem	Combat skills
Semc	Field combat skills
Seme	Air combat skills
Semg	Gunnery skills
Semi	Markmanship skills
Semk	Map / chart reading skills
Seo	Navigation skills
Seoc	Surface navigation skills
Seq	Driving skills
Ses	Firefighting skills
Seu	Diving skills
Sew	Survival skills
Sewa	*UF POW survival skills
Sg	Basic skills
Sga	*UF Essential skills
Sga	*UF Initial skills
Sgc	Mathematical skills
Sge	Language skills
Sgea	*UF Linguistic skills
Sgea	*UF Literacy skills

- Sgea *UF Verbal skills
- Sgec Reading skills
- Sgee Writing skills
- Sgeg Second language skills
- Sgega *UF ESL skills

- Si Personal improvement / social skills
- Sic Stress reduction skills
- Sie Listening skills
- Sig Organizational skills
- Siga *UF OE skills
- Sii Planning skills
- Sik Rater skills
- Sim Community relations skills
- Sio Human relations skills

- Sk Occupational skills
- Ska *UF Task-specific skills
- Skc Maintenance skills
- Skcc Facilities maintenance skills
- Skce Electronics maintenance skills
- Skcg Mechanical maintenance skills
- Ske Instructor skills
- Skg Medical technician skills
- Ski Contract management skills
- Skk Safety practices skills
- Skm Law enforcement skills
- Sko Science skills
- Skq Computer operation skills
- Skqa *UF Computer user skills

TASK / SYSTEM ANALYSIS

T TASK / SYSTEM ANALYSIS

Tc	System analysis
Tcc	Front-end analysis
Tcg	Function analysis
Tcga	*UF Critical functions analysis
Tcga	*UF Function flow analysis
Te	Workload analysis
Tec	Workload
Tecc	Mental workload
Tece	Workload determination
Tecec	Workload forecasting / prediction
Tecg	Workload design
Tee	Work-rest cycles
Tg	Task analysis
Tgc	Task requirements
Tge	Task-equipment analysis
Tgg	Task integration
Tgi	Task simplification
Tgk	Task loading
Tgkc	Concurrent tasks
Tgke	Multiple tasks
Tgm	Task complexity
Tgo	Group / team tasks
Tgq	Automation assessment
Tgqc	Automation levels
Tgqe	Automation effects
Tgs	Task taxonomies

QUANTIFICATION / ANALYSIS TECHNIQUES

V QUANTIFICATION / ANALYSIS TECHNIQUES

Vc	Data collection methods
Vcc	Interviews
Vce	Observations
Vcec	Direct observations
Vcee	Videotaped observations
Vcg	Surveys
Vcgc	Questionnaires
Vci	Inventories
Vck	Longitudinal studies
Vcka	*UF Historical data
Vcm	Sampling techniques
Vco	Checklists
Vcq	Literature reviews
Vcs	Automated data collection
Ve	Computational techniques
Vec	Algorithms
Vf	Quantitative methods
Vfc	Statistical analysis
Vfcc	Statistical techniques
Vfccc	Analysis of variance
Vfccca	*UF Analysis of covariance
Vfccce	Correlation analysis
Vfcccg	Regression techniques
Vfccga	*UF Discriminant analysis
Vfccga	*UF Multiple regression analysis
Vfccga	*UF Multivariate analysis
Vfcci	Fourier analysis
Vfcck	Bayesian analysis
Vfccm	Factor / cluster analysis
Vfe	Cost analysis
Vfea	*UF CEA
Vfea	*UF Cost benefit analysis
Vfea	*UF Cost effectiveness analysis
Vfec	Cost benefits
Vfee	Cost savings
Vfeea	*UF Cost avoidance
Vfeg	Cost effectiveness
Vfei	Life cycle costs
Vfek	Cost tradeoffs

Vfem Utility models
 Vfg Analytic techniques
 Vfgc Content analysis
 Vfge Comparative analysis
 Vfgg Sensitivity analysis
 Vfgi Tradeoff analysis
 Vfi Psychometric techniques
 Vfk Rating scales
 Vfm Operations research
 Vfma *UF Linear programming

Vg Simulation techniques
 Vgc Computer simulation
 Vge Outcome simulation
 Vgea *UF Input-output modeling
 Vgea *UF Monte Carlo procedures

Vh Models
 Vhb Econometric models
 Vhc Organizational models
 Vhcc Organizational effectiveness models
 Vhce Peer group / intergroup models
 Vhd Behavioral models
 Vhdc Cognitive models
 Vhdca *UF Mental models
 Vhde Performance models
 Vhdg Leadership models
 Vhdi Training models
 Vhdk Human operator models
 Vhe Decision models
 Vhf Evaluation models
 Vhg Policy models
 Vhh Cost models
 Vhi Combat models
 Vhia *UF CORBAN
 Vhia *UF FORSTALS
 Vhj Terrain models
 Vhk Personnel assignment models
 Vhkc Rotation models
 Vhkca *UF Sea-shore rotation models
 Vhm Planning models
 Vhmc Manpower models
 Vhme Forecasting models
 Vhmea *UF Prediction models
 Vhn Computer models
 Vho Mathematical models
 Vhoa *UF Computation modeling
 Vhp Graphical models
 Vhpa *UF Blackboard models
 Vhpa *UF Breadboard models

Vhq Stochastic models
 Vhr Heuristic models
 Vhs Deterministic models
 Vht Maximum likelihood models
 Vhu Optimization models
 Vhv Mockups
 Vhva *UF Physical models
 Vhva *UF Scale models
 Vhw Simulation models
 Vhy Model development
 Vhye Model validity

 Vj Testing theories / factors
 Vjc Test response faking
 Vje Field dependence theory
 Vjg Attribution theory
 Vji Latent trait theory
 Vjk Item-response theory
 Vjo Test response guessing

 Vk Test construction / validation
 Vkc Test design
 Vkca *UF Instrument construction
 Vke Automated test construction
 Vkg Test items
 Vki Criteria development
 Vkk Test norms
 Vkm Test calibration
 Vko Test weighting
 Vkq Test validity
 Vkqa *UF Test accuracy
 Vks Test reliability
 Vkw Test bias
 Vkwc Culture-free tests

 Vm Test administration
 Vmc Test administration bias
 Vme Test scoring
 Vmec Computer-based test scoring

 Vn Testing environment
 Vnc Laboratory tests
 Vne Field tests
 Vnea *UF Ground-based tests
 Vng In-flight tests

Vp Test purpose
 Vpc Screening tests
 Vpcc Qualifying tests
 Vpce Selection tests
 Vpe Diagnostics

Vq Testing methods
 Vqc Computerized adaptive testing
 Vqca *UF CAT
 Vqe Computer-aided tests
 Vqg Simulator-based tests
 Vqi Performance-based tests
 Vqic Simulated-task performance tests
 Vqie Hands-on tests
 Vqig Job-sample tests
 Vqk Written tests
 Vqka *UF Paper-and-pencil tests
 Vqm Test battery
 Vqo Nonverbal tests
 Vqq Self-assessment tests
 Vqs Decision-oriented tests

Vs Test types
 Vsc Mental ability tests
 Vsca *UF Intelligence tests
 Vse Achievement tests
 Vsg Aptitude tests
 Vsi Training performance tests
 Vsk Psychological tests
 Vsm Psychomotor tests
 Vso Skills tests
 Vsq Job performance tests
 Vss Human performance tests

Vu Named tests
 Vuc Air Force Officer Qualifying Test
 Vuca *UF AFOQT
 Vue Air Force Vocational and Occupational Interest Inventory
 Vuea *UF VOICE
 Vug Armed Forces Qualification Test
 Vuga *UF AFQT
 Vui Armed Services Vocational Aptitude Battery
 Vuia *UF ASVAB
 Vuk Army Skill Qualification Test
 Vuka *UF SQT
 Vum Computer Adaptive Screening Test
 Vuma *UF CAST
 Vuo Flight Aptitude Selection Test
 Vuoa *UF FAST

Vuq Military Screening Inventory
Vuqa *UF MSI
Vus Scholastic Aptitude Test
Vusa *UF SAT
Vuu Strong Campbell Interest Inventory
Vuua *UF SCII
Vuua *UF SVIB

Vw Predictor variables
Vwa *UF Estimators
Vwc Cognitive predictors
Vwe Noncognitive predictors
Vwg Aptitudinal predictors

Vx Performance ratings
Vxc Peer ratings
Vxe Supervisory ratings
Vxg Rater / evaluator materials
Vxi Rater reliability

SAFETY / ENVIRONMENTAL FACTORS

W SAFETY / ENVIRONMENTAL FACTORS

Wc	Safety
Wce	Safety assessment
Wcg	Safety improvement
Wcga	*UF Hazard reduction
Wci	Workplace safety
Wcia	*UF Occupational safety
Wck	Nuclear safety
Wcm	Emergency procedures
Wco	Accidents
Wcoc	Accident analysis / prediction / prevention
Wcoe	Accident data
Wcog	Accident costs
Wcq	Injury
Wcqq	Injury analysis / prediction / prevention
Wcr	Occupational hazards
Wcra	*UF Workplace hazards
Wcrc	Radiological hazards
Wcrca	*UF Nuclear hazards
Wcrca	*UF Radiation
Wcre	Biological hazards
Wcrg	Chemical hazards
Wcri	Fire hazards
Wcrk	Eye hazards
Wcrm	Hazardous materials
Wcrmc	Explosives
Wcro	Pollutants
Wcroa	*UF Emissions / smoke / vapors / dust
Wcrq	Ventilation
Wcs	Decontamination
We	Environmental factors
Wec	Weather conditions
Wed	Temperature
Wef	Humidity
Weg	Atmospheric pressure
Wei	Altitude
Weic	Low altitude
Weie	High altitude
Wej	Wind force
Wejc	Windblast
Wejca	*UF Jetblast

Wel	Illumination
Wela	*UF Lighting
Wela	*UF Luminescence
Welc	Daylight
Welca	*UF Sunlight
Wele	Glare
Welg	Artificial lighting
Wem	Visibility
Weo	Motion
Weoc	G-forces
Weoca	*UF Gravitational forces
Weoe	Acceleration / deceleration
Weq	Noise
Weqc	Low-frequency noise
Weqe	High-frequency noise
Wes	Vibration
Wesc	Low-frequency vibration
Wese	High-frequency vibration
Wesg	Recoil
Weu	Electromagnetic radiation
Wew	Birdstrike
Wg	Physical environment
Wgc	Natural environment
Wgcc	Desert environment
Wgce	Mountain environment
Wgcg	Wooded / jungle environment
Wgci	Marine environment
Wgcic	Underwater environment
Wge	Aerospace environment
Wgg	Shipboard environment
Wgi	Battlefield environment
Wgia	*UF Battlefield conditions
Wgk	Protective shelters
Wi	Workplace environment
Wia	*UF Working conditions
Wic	Habitability

SYSTEMS / EQUIPMENT

X SYSTEMS / EQUIPMENT

Xc Weapon systems / equipment
Xcb Crew stations
Xcc Aircraft weapons
Xcd Anti-aircraft weapons
Xcda *UF Anti-aircraft artillery
Xcf Anti-armor weapons
Xcfc Anti-tank weapons
Xcg Artillery
Xcga *UF Dragon
Xcga *UF Field artillery
Xcga *UF Howitzer
Xcgc Artillery support systems
Xci Missiles
Xcia *UF Cruise
Xcia *UF Hawk
Xcia *UF Minuteman
Xcia *UF Patriot
Xcia *UF Stinger
Xcia *UF TOW
Xcia *UF Tomahawk
Xcj Chemical / biological / radiological weapons
Xcja *UF CBR weapons
Xcl Space-based weapons
Xcm Line-of-sight systems
Xcmc Direct-fire weapons
Xcn Indirect-fire weapons
Xco Intelligent weapons
Xcoa *UF Smart weapons
Xcp Individual weapons
Xcr Small arms
Xcra *UF Automatic weapons
Xcra *UF Rifles
Xcs Machine guns
Xct Laser range finders
Xcw Helmet-mounted systems
Xcx Ordnance
Xcxa *UF Ammunition
Xcy Sights
Xcya *UF Optical sights
Xcya *UF Thermal sights

Xd Ground vehicles / vehicle systems
 Xdc Ground combat vehicles
 Xdca *UF Ground fighting vehicles
 Xdcc Armored vehicles
 Xdccc Light-armored vehicles
 Xdcce Tanks
 Xdce Fire support vehicles
 Xde Tracked vehicles

 Xe Ships / ship systems
 Xec Surface ships
 Xecc Aircraft carriers
 Xece Surface effect ships
 Xecea *UF Hovercraft
 Xecea *UF SES
 Xecg Amphibious assault ships
 Xecga *UF Landing assault craft
 Xeci Hydrofoils
 Xee Submarines
 Xeg Submersibles
 Xega *UF DSRV
 Xega *UF Deep submersibles
 Xega *UF Wet submersibles
 Xei Ship systems
 XEIC Bridge control systems

 Xf Aircraft
 Xfc Fixed-wing aircraft
 Xfcc Fighter aircraft
 Xfcc *UF F-117 Night Hawk
 Xfcc *UF F-14 Tomcat
 Xfcc *UF F-15 Eagle
 Xfcc *UF F-16 Fighting Falcon
 Xfcc *UF F-18 Hornet
 Xfcc *UF F-22 ATF
 Xfce Attack aircraft
 Xfce *UF A-10
 Xfce *UF A-6 Intruder
 Xfce *UF A-7
 Xfce *UF F/A-18 Hornet
 Xfcg Tactical aircraft
 Xfci Strategic aircraft
 Xfcia *UF AWACS
 Xfcia *UF B-1 bomber
 Xfcia *UF B-2 Stealth bomber
 Xfcia *UF Reconnaissance aircraft
 Xfck Cargo aircraft
 Xfcka *UF C-130 Hercules
 Xfcka *UF C-141 Starlifter
 Xfcka *UF C-17

Xfcka *UF C-5 Galaxy
 Xfe Rotary-wing aircraft
 Xfea *UF AAH Advanced Attack Helicopter
 Xfea *UF AH-1 Cobra
 Xfea *UF AH-64 Apache
 Xfea *UF CH-47 Chinook
 Xfea *UF Helicopters
 Xfea *UF LHX Light Helicopter Experimental
 Xfea *UF OH-58 Scout
 Xfea *UF UH-60 Blackhawk
 Xfg VTOL / VSTOL aircraft
 Xfga *UF AV-1 Harrier
 Xfga *UF V-22 Osprey
 Xfi Multi-mission aircraft
 Xfk Training aircraft
 Xfm Aircraft systems
 Xfmc Cockpit systems
 Xfme Flight control systems
 Xfmea *UF Flight management systems
 Xfmec Automated flight control systems
 Xfmg Avionics systems
 Xfmi Low-altitude flight systems
 Xfmia *UF Terrain-following flight systems

Xg Space vehicles / systems
 Xga *UF Aerospace vehicles / systems
 Xga *UF Space platforms
 Xgc Space capsules
 Xge Rocket launch systems
 Xgg Satellites
 Xgi Space stations

Xh Surveillance / detection systems / equipment
 Xhc Sensor systems
 Xhcc Acoustic sensors
 Xhcce Sonar
 Xhce Electro-optical sensors
 Xhcg Infrared detection
 Xhcgga *UF FLIR
 Xhcgga *UF LANTIRN
 Xhci Magnetic detection
 Xhck Motion sensors
 Xhcm Radar
 Xhco Thermal detection
 Xhe Surveillance processing systems
 Xhg Signal detection systems
 Xhi Night vision systems
 Xhic Night vision goggles

Xi Air traffic control systems

Xj Navigation systems / equipment

Xk Command / control / communication systems / equipment
Xka *UF C3 systems
Xkc Telemetry systems
Xke Communication systems
Xkec Fiber-optic communications
Xkee Telecommunications
Xkeg Internal communications
Xkei Underwater communications
Xkek Message systems
Xkekc Electronic mail
Xkem Radio

Xl Automated systems / equipment
Xla *UF ADP equipment
Xlc Computers
Xlcc Supercomputers
Xlce Mainframe computers
Xlcg Minicomputers
Xlci Microcomputers
Xlcia *UF Personal computers
Xlck Miniature computers
Xlcka *UF Laptop computers
Xlcka *UF Notebook computers
Xle Computer peripherals
Xlg Computer-aided systems / methods
Xli Interactive computer systems

Xm Robotics
Xmc Robots
Xme Teleoperation
Xmg Robotic manipulators
Xmi Remote manipulators
Xmk Robotic vehicles
Xmm Robotic vision
Xmo Robotic control

Xn Cybernetic systems

Xo Bionic systems

Xp Maintenance systems / equipment
Xpc Fault detection / diagnosis systems
Xpca *UF Diagnostic aids
Xpca *UF Fault isolation systems
Xpca *UF Maintenance diagnostics
Xpca *UF Troubleshooting systems
Xpe Facilities maintenance systems

Xq Intelligence systems / equipment
Xqc Intelligence-gathering systems
Xqe Intelligence analysis systems

Xr Support systems / equipment
Xrc Machinery / tools
Xrcc Hand tools
Xre Propulsion / power systems
Xrec Power supply
Xrg Manufacturing systems
Xrga *UF Production systems
Xri Security systems
Xrk Logistics systems
Xrkc Supply systems
Xrke Storage systems
Xrkg Loading equipment

Xs Clothing
Xsa *UF Work apparel
Xsc Uniforms

Xt Protective / safety equipment
Xtc Protective clothing / apparel
Xtcc Flight suits
Xtce Space suits
Xtcg Pressure suits
Xtcga *UF Anti-G suits
Xtci Diving suits
Xtck Fire-protective clothing
Xtcm NBC-protective clothing
Xtcma *UF Biological-protective clothing
Xtcma *UF Chemical-protective clothing
Xtcma *UF Radiation-protective clothing
Xte Eye protectors
Xtea *UF Safety glasses
Xtg Hearing protectors
Xti Headgear
Xtia *UF Helmets
Xtk Face masks
Xtkc Breathing masks
Xtkca *UF Gas masks
Xtkca *UF Oxygen masks
Xtm Body waste management systems
Xto Thermal protection systems / equipment
Xtoc Body-cooling systems
Xtoca *UF Cooling vests
Xtq Life support systems / equipment
Xtqa *UF Survival systems / equipment

Xts Restraint systems
 Xtsa *UF Safety belts
 Xtsa *UF Safety harnesses
 Xtu Escape systems / equipment
 Xtua *UF Crew escape capsule
 Xtua *UF Ejection systems
 Xtua *UF Parachutes
 Xtw Rescue systems / equipment
 Xtwa *UF Recovery systems / equipment

Xv Systems by generic mode of operation
 Xvc Manual weapon systems
 Xve Battery-operated devices
 Xvg Nuclear systems
 Xvi Manned systems
 Xvk Unmanned systems
 Xvm Remotely controlled systems
 Xvo Reconfigurable systems
 Xvq Laser systems

Xw Systems by mission
 Xwc Swimmer defense systems
 Xwe Airborne systems
 Xwg Underwater systems
 Xwi Portable systems
 Xwia *UF Man-portable systems
 Xwia *UF Soldier-carried equipment
 Xwia *UF Transportable systems
 Xwic Handheld devices
 Xwk Transportation systems
 Xwm Reconnaissance systems
 Xwma *UF Balloons
 Xwo Research equipment
 Xwoc Human analogues
 Xwoca *UF Crash dummies
 Xwoca *UF Mannequins

Xx Optical systems
 Xxc Projection devices

Xy Transferable / exportable systems

MEDIA / DOCUMENTS

Y MEDIA / DOCUMENTS

- Yc Retrieval aids
- Ycc Indexing languages
- Ycca *UF Thesauri
- Ycca *UF Vocabularies
- Yce Listings / indexes
- Ycea *UF Bibliographies
- Ycea *UF Catalogs
- Ycea *UF Taxonomies

- Ye Print materials
- Yea *UF Written materials
- Yee Guides / manuals
- Yeea *UF Guidebooks
- Yeea *UF Handbooks
- Yeec Technical manuals
- Yeee User's guides
- Yeg Newspapers / magazines
- Yei Case studies

- Yg Visual aids
- Ygc Flowcharts
- Yge Maps
- Ygec Terrain maps
- Ygg Photographs
- Ygi Graphs

- Yi Microforms
- Yic Microfiche
- Yie Microphotographs

- Yk Audio-visual materials
- Ykc Films
- Yke Slides
- Ykg Sound recordings
- Yki Videotapes
- Ykk Videodiscs
- Ykka *UF CD-ROM
- Ykka *UF Laserdiscs
- Ykcc Interactive videodiscs

- Ym Multimedia materials

Yo **Hypermedia**
Yoc **Hypertext**

Yq **Tutorials**

Ys **Broadcast media**
Ysc **Radio advertising**
Yse **Television**

Yu **Information exchange**
Yuc **Conferences**
Yuca ***UF Seminars**
Yuca ***UF Symposia**
Yuce **Workshops**
Yue **Teleconferencing**
Yug **International information exchange**
Yui **Interdisciplinary information exchange**

Yw **Promotional materials**

Yy **Standards**
Yyc **Guidelines**
Yye **Protocols**