

ABSALON EXPRESS - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

ACE CARD VII - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

ACID TEST III - Joint U.S. Canada winter tactical deployment exercise held in Alaska in 1970.

AIR BOY - A classified Naval Air Systems Command effort concerned with electronic countermeasures.

ALoud INDIA - Joint Chiefs of Staff (JCS) exercise.

ALoud SERIES - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

APPLIED FALCONRY - An experimental study at the University of Albuquerque, New Mexico, which may involve lasers or atomic weapons.

AQUA DART - Marine Corps program for underwater vehicles designed to transport reconnaissance swimmers or equipment for long distances.

ARCTIC EXPRESS - A Joint Chiefs of Staff exercise.

ARDENT GROUND - a NATO exercise designed to test the ability of artillery batteries from several nations to work as a team with mortar elements and fighter aircraft. It was conducted in the United Kingdom in May and June of 1980.

ARENA EXCHANGE - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

ARROW EXPRESS - A NATO exercise in Denmark involving troops from nine countries to demonstrate quick deployment to the territory of any threatened member.

ASH CAN - An ERDA program of taking samples of the atmosphere from known geographical points at regular intervals of time and at altitudes between 80,000 and 135,000 feet. Balloon-borne and air-to-air recovered, the program monitors radioactivity by obtaining stratospheric air samples over a wide latitudinal range.

ASSAULT BREAKER - A non-nuclear response to massed armor with radically increased kill effectiveness, and involves a near forward battle area surveillance aircraft with active and passive all-weather sensors for providing midcourse command guidance for standoff weapons. It is a DARPA concept. (ML and EO)

AUSTERE STRIKE - Air Force system utilizing an electro-optical seeker and tracker for acquisition and tracking missions flown by F-4 aircraft.

AUTUMN FORGE - A series of NATO exercises conducted each year in Allied Command Europe. It began in 1975 linking a number of training exercises under a common scenario to enhance the readiness of combat forces and the capability of NATO forces to work together.

BACK PORCH - Tropospheric scatter communications system installed in Vietnam and linked with U.S. forces in Thailand.

BALL BUOY - The AN/SSQ-51/52-XN1 sonobuoy developed by Sanders for the

Navy.

BAMBOO TREE - An Air Force communications/direction project (Air Access Berlin) involving the AN/GPA-98 Course Directing Radar Set; the AN/GRC-115 Radio Set; the AN/MPQ-T2 Bomb Scoring Range-Radar Trainer, the MPQ-41, and the ARQ-23.

BARE BASE - An Air Force Systems Command program to equip and logistically support the moving of a tactical unit from its home air base to a bare base site on short notice and function under combat conditions within hours of arrival. The concept calls for a complete self-contained package able to set up and support wartime tactical aircraft missions for up to six months without equipment replacement other than war consumables, spares and aircraft.

BATTLE KING - Cannon Launched Guided Projectile (CLGP) - See) loading and handling tests.

BEACH COMBER - A version of the Assault Breaker laser-guided missile.

BEACH JUMPER - A project funded under the heading "Navy Cover and Deception Program" in the FY75 Navy RDT&E budget. Related is the STADD (see) program.

BEST HIT - The Allied Forces Southern Europe Fighter Weapons Meet held in July 1971 at Eskisehir near Ankara which brought together teams of Air Force pilots from Italy, Turkey and Greece.

BIG BEAR - A classified Elint program, probably run by the Air Force, involving Sylvania and using spectrum analysis.

BIG BILL - An Army Missile Command effort to employ a multiple warhead on an anti-tank weapon using optical guidance or pilot control.

BIG BIRD - The first of the reconnaissance satellites designed to perform both the search-and-find and close-look functions that previously required the use of separate spacecraft.

BIG CROW - A modified KC-135 jet used as an airborne electronic warfare laboratory to provide the Army an airborne platform with the capability of creating electronic warfare environments for the susceptibility/vulnerability analysis of missile and support systems.

BIG EAR - Army Missile Command awarded Zenith Radio Corp./Menlo Park, CA a contract in December 1970 for rehabilitation of the BIG EAR system. BLU-80/B

BIG EYE - A joint Navy-Air Force program to develop a free-fall binary chemical dispenser.

BIG LAMPS - A Navy program to modify 11 SH-3G aircraft into an SH-3H configuration. This helicopter would supplement the smaller HH-2D light airborne multi-purpose system (LAMPS).

BIG LOOK - Designation of Navy EC-121 aircraft used to monitor North Vietnamese surface-to-air missile activity. An upgrading program, known as Big Look Improvement Program (see BLIP), was also undertaken. Under BLIP, the RP-3D aircraft were to be fitted with an electromagnetic intelligence-gathering capability.

BIG MOTHER - An Air Force Quick Reaction Capability program (ARC-362) for

a stand-off jammer known as SPASM, to be used on EC-130 aircraft. Known officially as the Land-based Multi-purpose Naval Aircraft (LMNA).

BIG RALLY - A crash program which furnished troposcatter communications links from northern Italy into the Turkish tropo system as part of the 486L Mediterranean Communications (see MEDCOM) system.

BIG SAFARI - An Air Force program of the early 1960s under which the first operational RPVs were developed, including COMBAT DAWN and BUFFALO HUNTER. (MS)

BIG SQUIRT - A broadcast station operated by Voice of America just below the Demilitarized Zone (DMZ) in Vietnam and built by Page Communications.

BIG STICK - A new Navy bomb-carrying canister for use on A-4, A-6 and A-7 attack aircraft.

BIG TEAM - An Air Force intelligence project.

BIG WING - The MK-82 laser guided bomb.

BIRD BUFFER - Air Force computers at the Satellite Test Center at Sunnyvale, CA.

BIRD DOG - Another code name for the GENIE air-to-air missile developed in the U.S. by McDonnell Douglas.

BLACK BEAUTY - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

BLACK CAT - Infrared horizon sensor system for satellites developed by General Electric for the Air Force.

BLACK CROW - A sensor used aboard AC-130 gunship aircraft for truck interdiction missions. Funding has been carried out by both the Naval Air Systems Command and Air Force Aeronautical Systems Division. The system locates enemy trucks from ignition system emissions.

BLACK DOME - A classified program conducted by Sylvania for the Army's Electronics Command.

BLACK EYE - An Air Force Space and Missile Systems Organization study of techniques for disabling sensors aboard hostile satellites. Use of optical masers considered.

BLACK FLY - A sailing RPV (remotely piloted vehicle) developed by Fairchild Industries for flight tests under DARPA's RPV evaluation program.

BLACK FOX - An emergency airborne communications system for long-range link between defense centers through a 14,000-foot wire antenna trailed behind an EC-135 aircraft. Originally developed by Sylvania, Collins now manufactures the antenna as part of the Westinghouse-produced AN/ARC-96 Low Frequency Airborne Radio Set which is incorporated into the Air Force's overall 487M Special Purpose Communications Program (see SPCP).

BLACK FURRY III - The third joint-service exercise to test the U.S. Southern Command's ability to defend the Panama Canal.

BLACK HAWK - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

BLACK HAWK - Supposedly cryptographic equipment for which Honeywell received contract from Army; classified. May be tied in with RED EAGLE and RED FOX.

BLACK HOLE - A Hughes-developed infra-red suppression system originally developed for the YAH-64 helicopter and now scheduled for use in the Navy's Bell AH-1J and AH-1T twin engine helicopters.

BLACK JACK - An air-to-surface version of the air-to-air Genie rocket which, after testing, was cancelled by the Air Force.

BLACK KNIGHT - Joint Chiefs of Staff coordinated exercise.

BLACK SPOT - A project (also designated 4053) in development at LTV to equip NC-123 aircraft with forward-looking radar, infrared sensors and low light level television. Part of the Air Force's overall night vision effort termed Shed Light (see).

BLACK STAR - Joint Chiefs of Staff coordinated exercise.

BLADE LASS - A NASA computer model.

BLIND BAT - Term used for infrared-equipment AC-130 aircraft in Vietnam. Part of the Air Force's overall night vision effort. (See SHED LIGHT.)

BLOW HOLE - Defense Advanced Research Projects Agency effort connected with target location and identification.

BLUE AIR - An Army Missile R&D Command analysis subroutine involving TRW.

BLUE AX - A 10-day Marine Corps training exercise conducted at Camp Lejeune, NC in January, • 1972.

BLUE BARON - An independent Navy evaluation of the joint Air Force/Navy AIMVAL/ACEVAL tests which evaluate the merits of competing air-to-air missile concepts.

BLUE BIRD - Name applied to a group of four satellites that Hughes manufactured for the Communications Satellite Corporation, COMSAT (see). Specifically, they are the INTELSAT 2 series.

BLUE BOOK - Air Force Office of Scientific Research project, now completed, to analyze phenomena associated with Unidentified Flying Objects (UFO) sightings and to make recommendations on methods of investigation and evaluating UFO reports.

BLUE EAGLE - Air Force program using airborne UHF radio receivers and transmitters in EC-121 aircraft.

BLUE EYE - A tentative name applied to the Air Force's development of the AGM-79A missile (see), now cancelled.

BLUE FISH - A classified project of the Army Mobility Equipment R&D Command.

BLUE FLAG - An Air Force project at Eglin AFB, FL, which simulates an extensive enemy air defense environment in order to train battle-staff decision makers in tactical warfare.

BLUE FORCE - A Navy program under the Naval Electronic Systems Command.

BLUE FOX - Project which produced the AN/FPS-80 Tracking Radar Set built

by General Electric, used with the 466L Electromagnetic Intelligence System, ELINT (see); Air Force.

BLUE GREEN - Joint US/UK weapon developments.

BLUE KNIGHT - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

BLUE MAIL - A classified Navy program dealing with CONUS defense. The effort entails studies of ASW against missile-carrying submarines; characteristics of the Soviet YANKEE-class submarine, and SS-N-6 and SS-NX-5 missiles; as well as possible NAVAIR concept formulation.

BLUE NINE - Project which produced the AN/FPS-79 Tracking Radar Set built by General Electric, used with the 466L Electromagnetic Intelligence System, (see ELINT); Air Force.

BLUE PEARL - A modernized version of the AN/FPS-80 Tracking Radar Set built by General Electric for the Air Force.

BLUE SCOOTER - A proposal made by Boeing/Wichita, and later abandoned, for a drone reconnaissance vehicle.

BLUE SCOUT - Air Force application of NASA's Scout launch vehicle.

BLUE SPIKE - A Naval detector system, details classified.

BLUE SPOT - A Westinghouse experimental sensor payload for the Lockheed mini-RPV called "Skyeye." The payload will supply TV camera surveillance, line-of-sight, laser target designator and range finder.

BLUE SPRINGS - An Air Force program which involved RPV reconnaissance flights over China in the 1960s.

BLUE STRAW - See BLUE EAGLE.

BLUFF BLINKER - The Naval Regional Procurement Office, Los Angeles, awarded a contract to Tasker Industries for work on this project.

BOB CAT - A guided 500-pound bomb in development at Naval Ordnance Laboratory, Corona.

BOLD EAGLE - An Army Security Agency project. Also involves Air Force Electronic Systems Division.

BOLD ORION - The Air Force's strategic air launched missile, designated 199-B.

BOLD SHOT - A Joint Chiefs of Staff exercise.

BONUS DEAL - A Strategic Air Command project to identify directed bombing.

BOOSTED ROOSTER - Combination Arcas sounding rocket and Sidewinder missile propulsion unit used by Air Force Cambridge Research Laboratory for an upper-air research program.

BOSPHORUS EXPRESS - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

BRAVE CREW 74 - A joint Army/Air Force training exercise conducted at Fort Hood, Texas in June 1974.

BRAVE SHIELD - A joint-service training exercise held in the Southeastern part of the United States in February, 1972, Members of the 82nd Airborne Division from Fort Bragg, NC were the main forces being deployed in the exercise.

BRAVE SHIELD 17 - A continuation of joint readiness exercises involving all branches of the Armed Services. Brave Shield 17 was held March 30 to April 23, 1978, at Ft. Irwin, CA, and included the first use of the E-3A AWACS system in an Army Readiness Command exercise.

BRICK BAT - A top priority that gives defense contractors precedence over other commercial companies in obtaining critical materials.

BRIGHT LIGHT - A Navy operation to rescue American prisoners of war in Vietnam.

BRIGHT STAR - A rapid deployment exercise conducted in Egypt by combined US forces (1981).

BRIM FIRE - A Joint Chiefs of Staff exercise.

BUBBLE DANCER - World Wide U-2 weather sampling operations.

BUBBLE FOAM - A Strategic Air Command track from Rock Springs, Wyoming to O'Neill, Nebraska.

BUBBLE GAME - A Strategic Air Command refueling Area 1.

BUBBLE INN - A Strategic Air Command post strike refueling area 1.

BUBBLE OVER - A Strategic Air Command project effective in the early 1970s.

BUBBLE SOAP - A Strategic Air Command Far East Route initiated in May 1967.

BUBBLY LIGHT - A Strategic Air Command track from Seattle, Washington to McCall, Idaho.

BUCK ARENA - A Strategic Air Command track from St. Louis/to Lafayette, IN.

BUCK PLATE - A BMEWS monitor route compulsory reporting point within the Strategic Air Command.

BUCKET SEAT - A Strategic Air Command refueling track.

BUCKING BULL - A post strike refueling area within the Strategic Air Command.

BUFFALO HORN - A Strategic Air Command disaster to base and higher headquarters signal initiated in August 1967.

BUFFALO HUNTER - A code name for short-duration low altitude drones now being used by the Air Force for photo reconnaissance missions.

BUG BOMB - A Strategic Air Command Spanish Atlantic Refueling Track.

BUG NEST - A Strategic Air Command snow time refueling area.

BUG SPRAY - A Strategic Air Command project initiated in May 1967.

BUGGS OUT - A Strategic Air Command operational test and evaluation of ECM

equipment on T-29 aircraft.

BUGGY FOX - Strategic Air Command refueling area No. 12.

BUGGY RIDE - A Strategic Air Command alert force launch from a single base.

BUGLE CALL - An Air Force radio in support of the Strategic Air Command.

BUGLE NOTE - Emergency operations of B52 aircraft in Southeast Asia.

BUGLE RAG - Strategic Air Command reconnaissance photos from U-2 aircraft for updating RBS site chart production.

BUGLE SONG - Strategic Air Command air refueling Area 7.

BUGLE TONE - A Strategic Air Command south route compulsory reporting point.

BUGLE TRIM - Strategic Air Command refueling track on the Southeast Asia route.

BULK LOAD - A Strategic Air Command and Air Force refueling track.

BULL CREEK - Strategic Air Command Logistic Survey and Support Activities.

BULL MARKET - A Strategic Air Command Civil Engineer Conference.

BULL PASTURE - A Strategic Air Command refueling Area 17.

BULLET BLITZ - The operational test and evaluation of the SRAM missile.

BULLET CASE - Strategic Air Command air refueling Area 8.

BULLET PASS - A Strategic Air Command operational test & evaluation of B-52 fire control system.

BUMPER MARGIN - Strategic Air Command refueling Area 15.

BUMPY ROAD - A Strategic Air Command snow time refueling Area 2.

BUMPY TRAIL - A Strategic Air Command refueling track in Southeast Asia.

BUNDLE WEST - A Strategic Air Command post strike refueling Area 3.

BUNK BED - A Strategic Air Command refueling track.

BUNK STORE - A Strategic Air Command refueling track.

BURNING BRIGHT - A Strategic Air Command commanders report to the command post.

BURNING CANDY - A Strategic Air Command project initiated in June 1967.

BURNING GLASS - A Strategic Air Command operation initiated in April 1969.

BURNING LIGHT - A Strategic Air Command operational order initiated in December 1966.

BURNING MATCH - The Strategic Air Command 1st refueling track on the Southeast Asia Pacific orbit route.

BURNING PIPE - Operational employment of Strategic Air Command RC-135C aircraft.

BURNING STAR - A Strategic Air Command operation initiated in January 1967.

BURNT ASHES - A Strategic Air Command Quick Reaction Capability (QRC) program for use on RC-135C aircraft.

BURNT BOOT - A Strategic Air Command refueling area 03.

BURNT POTATO - The Strategic Air Command north route first refueling track.

BURP GUN - A Strategic Air Command refueling track.

BURR OAK - A Strategic Air Command refueling track.

BUS STEP - Strategic Air Command refueling Area 2.

BUS TOKEN - Canadian high altitude air refueling Area 1 within the Strategic Air Command.

BUSH BLAZE - The Strategic Air Command north route second refueling track.

BUSH HOG - The Strategic Air Command second Air Force refueling track.

BUSINESS ACCOUNT - A Strategic Air Command track from Battle Mountain, NV to Boysen Reservoir, WY.

BUSINESS AGENCY - Strategic Air Command activities of Torrejon Tanker task force.

BUSINESS BRAIN - Strategic Air Command nonscheduled flights of T-39 aircraft.

BUSINESS EFFORT - Joint Strategic Air Command, Tactical Air Command aircraft briefings.

BUSINESS EMPIRE II - Strategic Air Command scheduled flights of T-29 and C-131 aircraft.

BUSINESS LEADER - Strategic Air Command combat training launch for instruction of operational base launch.

BUSINESS MOVE - Strategic Air Command major air commands refueling for world wide movements.

BUST OUT - Strategic Air Command launch of PC Force reconnaissance aircraft and supporting tankers.

BUSTED JAW - The Air Force's RC-135R aircraft.

BUSY ALLEY - A Strategic Air Command contingency deployment air refueling Area 2.

BUSY BEAVER - A Strategic Air Command manual (2005).

BUSY BIKINI - A Strategic Air Command track from Great Falls, MT to Minot, ND.

BUSY BLADE - The implementation of a Strategic Air Command security option operational plan.

BUSY BROOM - A Strategic Air Command program to eliminate and reduce excess supplies and equipment at base level.

BUSY DAY - Cryptographic equipment built for the National Security Agency by National Cash Register.

BUSY DOORBELL - Air Force inspection and survey procedures.

BUSY DRIVER - Emergency military assumption of responsibilities.

BUSY FIGURE - Strategic Air Command B-52 range degradation flight operations directive.

BUSY GATE - Strategic Air Command refueling track.

BUSY GUITAR - Strategic Air Command direct operational testing of a classified nature.

BUSY JEWELER - A Strategic Air Command visit of a VIP in February 1971.

BUSY JOCKEY - A Strategic Air Command refueling track.

BUSY KEYBOARD - Strategic Air Command Post reporting exercise.

BUSY LAWYER - Strategic Air Command U-2 reception plan for VIPs.

BUSY LEAGUE - Strategic Air Command bomber contingency training mission.

BUSY LUGGAGE - Strategic Air Command Air Force weapons drop test program, 1969.

BUSY MARBLE - Joint test of AEC (now ERDA) and DOD Strategic Air Command reentry vehicles.

BUSY MEDIC - Strategic Air Command refueling track.

BUSY MEMORY - Strategic Air Command unit level standard evaluation training program.

BUSY MERGER - Represents Air Force support to the Strategic Air Command in mute missions.

BUSY MISTER - Strategic Air Command snow time refueling Area 3.

BUSY MODEL - Strategic Air Command rehabilitation improvement of the 99BW alert facility.

BUSY MONDAY - Strategic Air Command Category II testing of the 487L communications system.

BUSY MOTHER - Strategic Air Command air refueling area.

BUSY MOTOR - Strategic Air Command refueling track.

BUSY MOTORBOAT - Strategic Air Command refueling track.

BUSY MOVEMENT - Strategic Air Command airlift movement of assembled MK 11 reentry vehicles.

BUSY NOTICE - Strategic Air Command Fifteenth Air Force Division Wing Base Commanders Conference.

BUSY OBSERVER - The name given to sea surveillance training and operations, using B-52's, to find and photograph vessels at sea.

BUSY OPERATOR - Strategic Air Command predeployment training.

BUSY PAINTER - Strategic Air Command refueling track.

BUSY PALACE - Strategic Air Command refueling track.

BUSY PARADISE - Strategic Air Command refueling track.

BUSY PARTNER - Strategic Air Command refueling track.

BUSY PARTY - Strategic Air Command program to identify messages requiring the crew to unlock the aircraft.

BUSY PATRON - Operation of Strategic Air Command maintenance school.

BUSY PELICAN - A program to update navigation and plotting systems of Lockheed DC-130 drone launch and control aircraft for BGM-34C, COMBAT ANGEL, COMBAT DAWN, and BUFFALO HUNTER programs.

BUSY PERFORMER - Strategic Air Command B-52G and H aircraft maximum range low level test mission.

BUSY PIPELINE - Strategic Air Command direction for RC-135C aircraft special activity.

BUSY PISTOL - Strategic Air Command refueling track enroute to the Thule orbit.

BUSY PITCHER - Strategic Air Command refueling track.

BUSY PLAYER - A Strategic Air Command evaluation exercise.

BUSY POKER - Strategic Air Command orbit area for the clear BMEWS (see) monitor mission.

BUSY POLICE - Strategic Air Command refueling track.

BUSY RALLY - Strategic Air Command U-2 tactical Squadron commanders seminar.

BUSY RASCAL - Strategic Air Command prevention of unauthorized aircraft operation.

BUSY RECORDER - Strategic Air Command evaluation and portrayal of data for Third Air Division Commander.

BUSY RELAY - A Strategic Air Command program initiated in July 1967.

BUSY REPORTER - Strategic Air Command launch of an ABRES (see) A-3 missile.

BUSY ROAD - Strategic Air Command Second Air Force Div. planned missions.

BUSY ROBOT - Strategic Air Command model 154 operational test and evaluation exercise.

BUSY ROOSTER - Strategic Air Command air refueling area.

BUSY SALOON - Strategic Air Command refueling Area 16.

BUSY SENTRY - Strategic Air Command exercise for intercontinental ballistic missile units.

BUSY SHOP - Strategic Air Command bomber tanker mission.

BUSY SKYSPOT - Strategic Air Command operation initiated in November 1967.

BUSY SLATE - Air Force conference, August 1969.

BUSY SPEEDWAY - Strategic Air Command Second Air Force division bomber stream express profile evaluation mission.

BUSY SPOTLIGHT - Strategic Air Command side looking radar project initiated in May 1968.

BUSY STRANGER - Strategic Air Command air division bomber stream diversified profile missions.

BUSY STREET - Strategic Air Command program initiated July, 1967.

BUSY SURVEY II - Strategic Air Command Strategic Integrated Operational Plan (SIOP) 4D missile training assistance program. SIOP is an Air Force plan related to targeting for Minuteman.

BUSY TALENT - A Strategic Air Command maintenance officer recognition and career enrichment program.

BUSY TAVERN - A Strategic Air Command air refueling area.

BUSY TEACHER - A Strategic Air Command program to test the Second Air Force Division battle staff planning team.

BUSY TENPINS - The launch from the Space Launch Center of a Thor Agena rocket.

BUSY TOUCH - A Strategic Air Command refueling track on the Far East-West route.

BUSY TOURIST - A Strategic Air Command weapons storage area.

BUSY TUESDAY - Strategic Air Command support of B-52 aircraft requirements study.

BUSY TYPHOON - Strategic Air Command generation of reaction forces and request for assistance.

BUSY UNIT - Strategic Air Command program to defray supply deficits.

BUSY USHER - Strategic Air Command launch of No. 13 LF-02 missile MK-1 Minuteman II.

BUSY WIZARD - An Air Force Strategic Air Command jet engine improvement program.

BUTCHER BIRD - An advanced anti-radiation missile (ARMY) in development for the Navy which would be a follow-on to the Shrike and ARM-1 missile. Sometimes called ARM-2 for which Texas Instruments performed guidance work.

BUTTE PASS - Strategic Air Command hardened intersite cable system maintenance support at Malmstrom AFB, MT.

BUTTER FREEZER - Strategic Air Command refueling Area 3.

BUTTER JAR - Strategic Air Command refueling track from Tonopah, NV to Farmington, NM.

BUTTON BOMBLET - Anti-intrusion device bought by Army and Air Force.

BUTTON PACK - A sensor evaluation integration in Strategic Air Command security programs.

BUTTON SWITCH - Strategic Air Command north route compulsory reporting point.

BUTTON UP - Strategic Air Command security system reset procedures used during Minuteman facility wind down.

BUXOM BELLE - Strategic Air Command refueling track.

BUY NONE - A version of a USAF directed ORIT mission.

BUZZ SPRING - Strategic Air Command refueling Area 09.

CACHE MARKER - A classified DARPA project.

CAFTAN BLACK - A research and development program of the Army. Under the program, Lockheed is investigation sources of unintentional radiation.

CAMEO ECHO II - An Army Missile Command program with HRH-Singer as prime.

CAMEO ECHO III - A telemetry study by HRB-Singer for the Army.

CANNON BALL II - An atmospheric density measurement satellite developed by the. Air Force Cambridge Research Laboratories. It is a cast brass sphere 26 inches in diameter and weighing 800 lbs.

CAPTAIN COOK I & II - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

CAPTIVE LIGHTNING - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

CAST FIRE - A stabilized laser designator for the Rockwell OV-10 aircraft. The system allows a forward air control pilot to covertly designate a target for attack.

CAST GLANCE - An over-the-horizon detection system project sponsored by the Naval Sea Systems Command.

CAST LIGHT - Martin Marietta received a contract for this Navy program. It is classified, but is possibly a laser designation device.

CAT EYE - Part of the Air Force Quick Reaction Capability (QRC) program.

CEFAR YONDER - A communications intelligence program for the Army Security Agency. The classified program is a balloon-borne configuration of communications intercept receivers and jammers.

CEFIRE TIGER - An Army Electronic Counter Measures Program contracted to GTE Sylvania. It is an airborne multichannel communications jammer directed against hostile radio relay links in the VHF and UHF ranges. It will get data from ground portions of the LeFox Grey system.

CEFIRM LEADER - Ground Calibration Processing System for light Army aircraft; encompassing DFL mission analysis and processing system and ancillary data for the AN/ARD-22, Airborne Direction Finding System. An Army effort assigned to ESL/Sunnyvale, CA.

CEFLY LANCER - A single intelligence system for rapid assessment of enemy activity behind battle lines. It requires a highly qualified small reconnaissance aircraft as a platform. The Army now plans to combine CEFLY LANCER and Guardrail (see) to develop a next-generation system.

CERTAIN RAMPART - special project under the Army Communications Command.

CHAFF MUFFIN - A CHAFF program conducted by the Office of Naval Research. Hycon, Inc. is the contractor.

CHANNEL FINDER - AN/WQN-1 mine hunting sonar. (SVO)

CHARGER BLUE - An EW program aimed at providing expanded frequency coverage and density for ECM equipment to meet Warsaw Pact threats. (AN)

CHICKEN LITTLE - A mortar developed by the Army.

CHINESE MODEL - A complete four-station ACCUFIX chain.

CHURCH OPAL,- A Navy exercise from the Office of Naval Research involving long range acoustic propagation (LRAP).

CHURCH PLATE - A Navy program to develop an airborne system able to gather information on distant targets and relay to launch platforms.

CHURCH STROKE - A Naval exercise in conjunction with Long Range Acoustic Propagation Project (LRAPP).

CHURCH STROKE II - A sensor performance data reduction and analysis study for Naval Electronic Systems Command, involving University of Texas at Austin, Applied Research Laboratories.

CHURCH STROKE III - Follow-on exercise to CHURCH STROKE (see).

CIRCUIT GOLD - A Naval program. Hydrotronics received a contract for engineering support in mid-1975.

CLARINET ANCHOR - A new name for the SEA ANCHOR program. It is classified. See also CLARINET RAMROD.

CLARINET BULLSEYE - A shore-based high frequency direction finding system that locates and classifies enemy ships.

CLARINET HARPY - A classified Navy communications project.

CLARINET MIRACLE - A Navy high priority program to develop a new HF Communications system for communication with submarines worldwide. The new system, said to be under development by GTE Sylvania, will be such that transmission will not be dampened or disrupted by solar radiation.

CLARINET OMEN - Tests conducted by the Navy for safe submarine communications with satellites.

CLARINET PILGRIM - A Navy shore-to-ship communications project involving modification of Lockheed EC-130G/Q aircraft.

CLARINET PLATO - A naval communications security program, intended to provide a secure voice capability which is flexible, reliable, and has

superior maintainability.

CLARINET RAMROD - A high classified Naval Electronics Command project formerly known as BOWLINE. It is related to CLARINET ANCHOR, the new name for SEA ANCHOR.

CLARINET SOCRATES - A classified naval communications security system.

CLARINET VALLOR - A naval communications security system capable of securing all Navy record communications on a given platform.

CLASSIC ASCOT - A Navy program under the Naval Electronics Systems Command.

CLASSIC CALIPER - A Naval Electronic Systems Command project involving Sperry Rand/Reston, VA, and being integrated with CLASSIC HARVESTER (see) equipments into a CLASSIC OUTBOARD (see) system.

CLASSIC COYOTE - a land-mobile, self-contained, signal receiving, processing and analysis system for signal security operations in the very low frequency-to-millimeter range. Naval Electronic Systems Command is the cognizant agency.

CLASSIC FOX - a security assessment system for monitoring, managing and analyzing Navy signals. GTE Sylvania is developing it for Naval Electronics Systems Command.

CLASSIC HARVESTER - A shipboard signal acquisition and intelligence processing system, part of the Navy's overall CLASSIC OUTBOARD System for intelligence data processing aboard ships. CLASSIC HARVESTER is being integrated with CLASSIC CALIPER (see) into CLASSIC OUTBOARD (see).

CLASSIC NOMAD - A Navy program under the Naval Electronics Systems Command.

CLASSIC OUTBOARD - A ship-based project aimed at outfitting 24 missile frigates (two per carrier) with the ability to pinpoint enemy forces for better protection of carriers. Now being integrated with CLASSIC CALIPER and CLASSIC HARVESTER, it will provide broad area ocean surface surveillance capability. A similar land-based system is known as BULLEYE.

CLASSIC SALTBUSH - A naval cryptologic program, funded in the FY75 Navy RDT&E budget. Classified.

CLASSIC WIZARD - A Naval communications program with a master station on the island of Guam. Another facility will be on Adak Island, Alaska.

CLEAR SKY - A classified program administered by the Air Force Technical Applications Center. Rand Corp. has been a contractor.

CLIPPER BOW - A Navy project for an ocean surveillance satellite capable of monitoring foreign sea traffic using active radar and electronic intelligence sensors. The U.S. planned to launch two satellites under this program in 1983 and 1984, but high costs prompted a halt in funding in FY80. (MS)

CLOSE LOOK - An Air Force reconnaissance satellite built by Lockheed.

CLOUD COVER - The Army Electronics Command awarded a contract to Sylvania/Mountain View, CA, in 1971 for a one-year research and development application.

CLOUD PUFF IV - An Air Force study of cloud physics.

CLUSTER CONDOR - A classified Naval intelligence project, pod-mounted on tactical aircraft.

CLUSTER GIRL - A classified Naval intelligence program initiated in FY77.

CLUSTER HAMLOCK - The concept of scatter jamming receivers associated with rangefinders and target designators by directing energy towards the victim receiver laser beams.

CLUSTER HEMLOCK - A Navy optical collection and classification system which observes, records and classifies man-made signals from the visual through the infrared range, including laser signals. Deployed in the Mediterranean, it is produced by Martin-Marietta.

CLUSTER SPIKE - A classified Naval program concerned with naval assessment of the threat posed by electro-optical and anti-ship cruise missile capabilities in the Soviet field.

CLUSTER YARD - A classified sensor collection system.

COBRA - A permanent first-word nickname assigned to Headquarters USAF.

COBRA ACE - Effort initiated in 1971 utilizing uncleared personnel in a service support facility.

COBRA AMBER - A radar configuration for an anti-ballistic missile re-entry data collection system, later cancelled.

COBRA BALL - An optical configuration for an anti-ballistic missile EW data collection system.

COBRA BITE - Involves non-intentional and non-literal electromagnetic radiation.

COBRA CHARM - Special collective effort utilizing uncleared personnel in a service support facility.

COBRA DANE - A multi-object L-band tracking radar replacing the existing single beam radars which cannot provide all the data required for effective operations. Primary function is to monitor the status of Soviet technology in maneuvering warheads. (ES)

COBRA DICE - Special collective effort utilizing uncleared personnel in a service support facility.

COBRA EDGE - Special collective effort utilizing uncleared personnel in a service support facility.

COBRA FANG - An aerospace data facility.

COBRA FOAM - Also referred to as the Technical Sensor Program; an Air Force effort to improve the acquisition of technical intelligence, one aspect of which treats sensor development.

COBRA GUARD - An airborne electromagnetic intelligence platform.

COBRA HOOD - The modification, development and operation of five EC-47 aircraft by the Air Force in either an early warning or electronic reconnaissance role.

COBRA JADE - Special collective effort utilizing unclassified personnel in service support facilities.

COBRA JAW - Fine grain measurements.

COBRA JEAN - The use of advanced range instrumentation ships for intelligence missions.

COBRA JOE - Radar used in the Far East for an unspecified mission.

COBRA JUDY - An Air Force project to complement the COBRA DANE (see) radar. Using a shipboard, S-band, phased array radar developed by Raytheon, COBRA JUDY will be able to monitor Soviet missile test shots, including their radar signatures, from the moment their single or multiple re-entry vehicles enter the atmosphere down to near impact. (ES)

COBRA KEY - A radio calibration program initiated in 1974, but later cancelled.

COBRA MIST - Earlier known as SENTINEL MIST, the AN/FPS-95 high powered, ground-based, long-range radar. Developed by RCA, the radar was being considered by the Air Force for the CONUS Over-The-Horizon radar to provide aircraft detection and missile launch warning. Program cancelled. (ES)

COBRA MULE - An Air Force program to evaluate equipment for intelligence potential.

COBRA NOOK - Special collective effort utilizing unclassified personnel in a service support facility.

COBRA PITT - Communications equipment support of project DIAOLS from 16 Nov 1970 to 15 Feb 1971. Program cancelled.

COBRA RUN - Special equipment Phase I of a program that was to be effective in 1973, but was cancelled.

COBRA SHOE - An over-the-horizon backscatter radar in the Mediterranean used to monitor Soviet missile launches. The program was a modification and addition to an unspecified Mid-East radar.

COBRA SPOT - Signal intelligence equipment. The program was development training of Cambodian personnel and has been cancelled. Program was also an effort to utilize unclassified service support personnel.

COBRA STONE - A classified intelligence program of the mid 1970's.

COBRA STRIKE - A mobile re-entry data collection system in support of DOD requirements, but cancelled.

COBRA SURF - A proposed long-range surveillance radar for use by the Air Force in the Pacific area.

COBRA SWAMP - An Air Force intelligence support program to the Aeronautical Systems Division electronic warfare effort. Program

cancelled.

COBRA TALON - An Air Force ballistic missile-tracking radar system, also known as the AN/GPS-10. It is a ground-based radar in the Pacific Ocean area that would help detect and track Soviet space missions aimed at US satellites.

COBRA TIME - The collection of technical electronic intelligence by airborne Air Force platforms. Program cancelled.

COBRA TOW - The AH-1G attack helicopter equipped with the TOW missile system. (MA)

COBRA WALK - Special equipment Phase II. Program cancelled.

COIN ASSIST - Designates travel of wives of Air Force personnel missing in action or prisoners of war.

COIN URGENT - Designated ferry crews returning to the Continental U.S. cancelled.

COLD - A permanent first word nickname assigned to the Military Airlift Command (MAC).

COLD ASCENT - A test of pressure altitude sensors for weather reconnaissance aircraft.

COLD ASH - Atmospheric sampling operations conducted by the Air Force for the Energy Research & Development Administration.

COLD BANNER - An airlift mission in support of the Military Airlift Command Annex Bravo program.

COLD BARE - Program to familiarize weather personnel in tactical weapons system operations, cancelled.

COLD BASKET - A reconnaissance program in support of headquarters USAF.

COLD BLAST - An Air Force test to provide warm fog dissipation support, cancelled.

COLD BOOM - Military Airlift Command C-5 long-range operational mission.

COLD BOUNCE - Military Airlift Command turbulence program at the Air Force Avionics Lab, cancelled.

COLD BRIEF - Military Airlift Command turbulence program of MAC commanders and subordinate units.

COLD BURN - A Military Airlift Command program of meteoroid debris sampling support for Smithsonian Institute.

COLD CAN - Use of Air Force RB-57 aircraft in support of the Defense Advanced Research Projects Agency.

COLD CAPE - Reconnaissance support for the Air Force Eastern Test Range.

COLD CAR - Military Airlift Command support program, cancelled.

COLD CARRIER - A Military Airlift Command joint emergency airlift transportation program.

COLD CAT - Used by the Royal Air Force of USAF Air Weather Service high altitude reconnaissance aircraft.

COLD CECK - Alaskan ice and fog suppression program.

COLD CHANGE - A Military Airlift Command Commanders conference, Oct 1972.

COLD CHARGE - A Military Airlift Command Commanders conference 1971.

COLD CHUCK - A Military Airlift Command southern hemisphere reconnaissance for HQ USAF.

COLD CLEAR - A worldwide airborne supercooled fog dispersal program.

COLD CLIMATIC - Air Force support to the Department of Transportation Climatic Impact Assessment program, cancelled.

COLD COAST - Military Airlift Command east coast winter storm watch.

COLD CONE - Air Force use of the RB-57F aircraft to test an aerosol sampling unit.

COLD COVER - An audio visual record of USAF participation in a Joint Chiefs of Staff exercise.

COLD CROSS - Scout and Pathfinder missions flown in support of the Tactical Air Command.

COLD CROW - A Military Airlift Command trial test of consolidation units in Europe.

COLD CURREY - Military Airlift Command special weather reconnaissance.

COLD DIET - A Military Airlift Command program of 1970.

COLD DOME - Military Airlift Command domestic reconnaissance project for HQ USAF.

COLD DRAFT - Warm fog dispersal by helicopter at March AFB, cancelled.

COLD DUCK - Readiness inspections conducted by a Military Airlift Command inspector, cancelled.

COLD EAGLE - Military Airlift Command identification of officers to occupy key positions.

COLD EYE - Weather Service reconnaissance of tropical cyclone disturbances worldwide.

COLD FACT - The recovery of meteorological and geophysical data for climatological use.

COLD FALCON - Field trips of Air Force Academy cadets.

COLD FIRE 74 - A medium-scale air exercise sponsored by Allied Forces Central Europe in 1974. Purpose was to evaluate various aspects of the mission of tactical air forces assigned to the Central Region with limited participation by land forces.

COLD FISH - Military Airlift Command water sampling program.

COLD FLAG - Casualty assistance to families of personnel now missing in action.

COLD FLAKE - Military Airlift Command support to ground based fog dispersal, cancelled.

COLD FLARE - Joint FAA/NASA/ Air Force project to study radiation effects of solar flare activity on crew and passengers of future supersonic transports. Tests conducted with RB-57F aircraft in flights from Eielson AFB, Alaska.

COLD FLEX - Flexible reconnaissance missions for Air Force Global weather experiments.

COLD FLOOR - A Military Airlift Command program.

COLD FLOW - An ERDA foil calibration check, cancelled.

COLD GUARD - A Military Airlift Command joint conference in 1973.

COLD HARVEST - Military Airlift Command commanders conference in 1974.

COLD IRAN - Ferrying Air Weather Service aircraft to and from Iran, cancelled.

COLD IRON - Generators, boilers and transformers in direct support of ships.

COLD JUICE - Military Airlift Command C-5 aircraft refueling demonstration and training operational missions.

COLD LIFT - Military Airlift Command logistics support for C-5 and C-141 aircraft, cancelled.

COLD LOOK - Military Airlift Command program to designate a specific training area each month, cancelled.

COLD MAP - Military Airlift Command airlift augmentation in the Pacific Command.

COLD MET - Weather reconnaissance support of the Air Force Global Weather Center.

COLD MISS - Military Airlift Command aerial recovery and return of space capsules.

COLD MIX - Military Airlift Command flight evaluation of C-141 combat tactics, cancelled.

COLD MOUNTAIN - Military Airlift Command commanders conference in 1973.

COLD NIGHTINGALE - Training of Air Force C-9 aircraft crews, cancelled.

COLD ORBIT - Military Airlift Command weather reconnaissance mission support plan, cancelled.

COLD ORDER - Maintenance and enforcement of an order on Military

Airlift Command bases.

COLD PACK - Rotations of Military Airlift Command tactical airlift forces to the Pacific.

COLD PALL - Air Weather Service support of air pollution studies, cancelled.

COLD PASS - Readiness exercises within the Military Airlift Command, cancelled.

COLD PORT - A Military Airlift Command airlift operation, cancelled.

COLD PROBE - Military Airlift Command special project support effective 1973.

COLD QUAKE - Air Force Weather Service project using two aircraft equipped with Atmospheric Turbulence Measuring Set (ATMS) to determine whether rough air can be measured.

COLD RAIN - Rainfall augmentation in South Central Texas.

COLD RANGE - A study of the Eastern Test Range.

COLD RAY - Energy Research & Development Administration cosmic ray test program, cancelled.

COLD RISK - Military Airlift Command personal accident prevention message.

COLD RUSH - Military Airlift Command procedures for airlift of priority photo materials.

COLD SACK - Military Airlift Command weather reconnaissance support of PACCS (see) for Strategic Air Command, cancelled.

COLD SADDLE - An order to activate contingency support staffs, cancelled.

COLD SAND - Meteorological satellite data over White Sands Missile Range, cancelled.

COLD SCARF - Military Airlift Command support in the Civil Reserve Air Fleet program.

COLD SIGHT - An Air Weather Service cold fog contingency operations in Europe.

COLD SIGNAL - Military Airlift Command airborne Electronic Countermeasures training mission.

COLD SILVER - Military Airlift Command airlift of vice presidential support requirements.

COLD SMOKE - An Air Force armament ordnance development, funded in FY75 budget. Classified. (DM)

COLD SPADE - Military Airlift Command standby force in support of Air Force accident teams.

COLD SPECK - Military Airlift Command special reconnaissance for HQ USAF.

COLD SPLASH - Air Weather Service support for ballistic missile launches.

COLD STANDARDS - Implementation of Air Force regulation 30-1.

COLD SURF - Military commanders conference in 1972.

COLD SURGE - Military Airlift Command C-5 aircraft ad hoc fact finding and assistance team, cancelled.

COLD SURPRISE - A practice or evaluation using Military Airlift Command OPLAN Number 939, cancelled.

COLD SWAN - An Air Force mobility support plan.

COLD TALK - An expeditious communications check within the Military Airlift Command.

COLD TOY - Military Airlift Command support of the Air Force Cambridge Research Laboratory High Altitude project by the 58 WEA reconnaissance squadron.

COLD TRACK - Continental United States background missions by the Air Force.

COLD TRAIN - Support of OPORD 32-71, cancelled.

COLD TRAP - Experimental reconnaissance support for the terminal radiation program.

COLD TURN - Military Airlift Command notification and recall procedures.

COLD VIEW - A review of selected Military Airlift Command bases, cancelled.

COLD VIP - Military Airlift Command vehicle improvement program, cancelled.

COLD WAND - Testing of ground-based supercooled fog dispersal system, cancelled.

COLD WAVE - Flight support by Air Force RF-57F aircraft for Avionics Laboratory sensor tests.

COLD WINTER - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

COLD WRENCH - An Air Force mobility support program.

COLLEGE - A permanent first word nickname assigned to the Air Defense Command (ADC).

COLLEGE ACCOLADE - Air Force OPLAN 7-70, cancelled.

COLLEGE BINGO - Aerospace Defense Command tests of defense support equipment, cancelled.

COLLEGE BLAST - Aerospace Defense Command CQM-10A drone program.

COLLEGE BLUE - Aerospace Defense Command emergency manning of Canadian DEW line facilities.

COLLEGE BOAT - Aerospace Defense Command assembly of battle staff members.

COLLEGE BYE - Aerospace Defense Command ceremonial flyby.

COLLEGE CADENCE - Aerospace Defense Command F-106 worldwide deployment, cancelled.

COLLEGE CAPITOL - Recall of Aerospace Defense Command personnel to Chidlan Building, cancelled.

COLLEGE CHECK - Headquarters 14th Aerospace Force standard evaluation check, cancelled.

COLLEGE CHEF - Development of fund for dining facilities in aircrew buildings, cancelled.

COLLEGE COED - Continuation of SDS operation by the Aerospace Defense Command.

COLLEGE COFFEE - Assembly of 14 aerospace force command post staff.

COLLEGE CONVERT - Air National Guard transition to the Aerospace Defense Command, cancelled.

COLLEGE DART - Advanced aerial combat tactics in the Aerospace Defense Command training plan.

COLLEGE DROPOUT - Aerospace Defense Command operational plan 41-65.

COLLEGE EYE - Modification program retrofitting Lockheed C-121 Super Constellation transports to EC-121R configuration for role as airborne weapons command and control posts. Some 40 aircraft were modified.

COLLEGE FAKER - Aerospace Defense Command training deployment and redeployment of EB-57 aircraft.

COLLEGE FINALS - Aerospace Defense Command fault detection tester interface program.

COLLEGE FLASH - Radar handoff procedures.

COLLEGE GIRLS - Air Force high level intercept activity against U-2 aircraft.

COLLEGE GOLD - Aerospace Defense Command firing of denuclearized warheads.

COLLEGE GOOF - Aerospace Defense Command procedures for identifying messages.

COLLEGE HILL - Recall of Aerospace Defense Command personnel, cancelled.

COLLEGE HUNTING - Implementation of Aerospace Defense Command OPLAN 32-66, cancelled.

COLLEGE ICE - Aerospace Defense Command program associated with the Cobra Dane communications system.

COLLEGE JUMP - Aerospace Defense Command test of defense support equipment squadron communications, cancelled.

COLLEGE KEY II - An evaluation of the Ballistic Missile Early Warning System (see BMEWS).

COLLEGE LAUNCHER - Aerospace Defense Command operations plan 13-67.

COLLEGE MEN - Aerospace Defense Command support of continental air defense operations plan FAMILY MAN, cancelled.

COLLEGE REALITY - Aerospace Defense Command atmospheric defense study Post-1977, cancelled.

COLLEGE RED - Unauthorized landing of Communist aircraft. Aerospace Defense Command operations plan 66-XX.

COLLEGE RUDDER - Aerospace Defense Command program 55-13. No other details known.

COLLEGE SAFE - A satellite operations plan effective in April 1971.

COLLEGE SAXON - Operations and procedures program within the Aerospace Defense Command, cancelled.

COLLEGE SCAN - Aerospace Force SPACETRACK (see) and MEWS (Modular Electronic Warfare Simulator-see) weapons system standardization and evaluation, cancelled.

COLLEGE SCAT - Support of EC-121 aircraft to Aerospace Defense Command Operations Plan 5-XX.

COLLEGE SCOOTER - Aerospace Defense Command Operations Plan 3318.

COLLEGE SCROD - Aerospace Defense Command launch evaluation of the CIM-10B Coffin-Launched Aerial-Intercept Missile.

COLLEGE SHAPE - Space object identification capability of SPACETRACK (see) System.

COLLEGE SPORT - Aerospace Force SPACETRACK (see) System Support test.

COLLEGE STACK - Recall of forces.

COLLEGE STEP - USAF and Aerospace Defense Command Continental Air Defense Operations Plan 3010.

COLLEGE STOMP - Aerospace Defense Command special tasking optical monitoring project.

COLLEGE STOP - Aerospace Defense Command concept of operations for the B-57D aircraft.

COLLEGE STUDY - Aerospace Defense Command assembly of support staff members.

COLLEGE TANG - Texas Air National Guard wartime mission plan from the Aerospace Defense Command, cancelled.

COLLEGE TAP - Aerospace Defense Command augmentation forces.

COLLEGE TEAM - Assembly of personnel for 24 hours a day operation within the Aerospace Defense Command.

COLLEGE TIGER - An Aerospace Defense Command program involving the SPACETRACK System (see).

COLLEGE TONIC - Aerospace Defense Command Augmentation Forces, cancelled.

COLLEGE TRACK - Exchange of data between various sensors used in object detection.

COLLEGE WATCH - Radar handoff procedures.

COLONY - A permanent first word nickname assigned to Headquarters USAF (AFCOR).

COLT - A permanent first word nickname assigned to the United States Air Forces in Europe (USAFE).

COLUMBINE - A permanent first word nickname assigned to the Air Force Accounting & Finance Center (AFAFC).

COMBAT - A permanent first word nickname assigned to Headquarters USAF.

COMBAT AFFAIR - Testing and evaluation of the Air Force 0-2 aircraft used for Forward Air Controller missions.

COMBAT ALARM - A HQ USAF sponsored operational project, cancelled.

COMBAT ALLEY - Targets in Vietnam.

COMBAT ANGEL - An Air Force drone program. The drone is a tactical electronic warfare support system which also performs electronic warfare jamming operations in a dense electromagnetic environment, using the AQM-34 drone. (MS)

COMBAT APPLE - An Air Force RC-135 aircraft operation in Southeast Asia.

COMBAT ARENA - A chronological and historical data base on air operations over North Vietnam and Laos.

COMBAT ARROW - Unconventional warfare C-130E aircraft assigned to the Air Force.

COMBAT ATLAS - Loading investigation of the F-4E aircraft, cancelled.

COMBAT BAN - Testing and evaluation of the Air Force A-7D aircraft, cancelled.

COMBAT BONUS - Test activities associated with AF exploitation programs, cancelled.

COMBAT BRAKE - Communications support for USAF operations plan 10-68.

COMBAT BUG - An Air Force drone operation. Litton provided classified "Equipment R" to the program which was used in Southeast Asia, under assignment to Strategic Air Command.

COMBAT BURKE - Operational test and evaluation of a dummy acoustical seismic intrusion detector.

COMBAT CATCH - Special Air Force reconnaissance program.

COMBAT CHIEF - Air Force reconnaissance program, cancelled.

COMBAT CIDER - Circuits for anti-ballistic missile communications

netting.

COMBAT COMET - Operational test of the F-4 weapon system against BOMARC drones (see), cancelled.

COMBAT COMPUTER - Combat operational model of a computer, cancelled.

COMBAT CRICKET - Testing and evaluation of the Air Force OV-10 aircraft.

COMBAT CROSS - Air Force electronic warfare support project.

COMBAT CUP - Operations relating to Annex B HQ USAF operational plan 1068.

COMBAT DAWN - An Air Force drone program in which hostile ground radar emitters are detected and positioned in the air and relayed to ground vans. Medium altitude RPVs are used. (MS)

COMBAT DOME - Test of the Low Altitude Parachute Extraction System (see LAPES).

COMBAT EAGLE - Early evaluation of Walleye use aboard Air Force F-4D aircraft.

COMBAT ECHO - Weapons systems evaluation program for air-to-air missile firings.

COMBAT EDGE - Command Post procedural exercise.

COMBAT EGRESS - Personnel evaluation tests of Air Force passenger carrying aircraft.

COMBAT FALCON - Reconnaissance program assigned to Tactical Air Command, cancelled.

COMBAT FLAME - A program change request to place three Air Force C-97G aircraft into Program Element 2 of the budget, cancelled.

COMBAT FOX - Headquarters USAF operators plan 1-68.

COMBAT GRANDE - USAF Electronic Systems Div. program (also known as 451D) to upgrade the Spanish air defense system. (ES)

COMBAT GUARD - Deployment and evaluation of the AC-119G aircraft by the Air Force.

COMBAT HALO - High altitude sampling for ERDA division of Biology and Medicine, cancelled.

COMBAT HARVEST - Test of the Heavy Lift Helicopter concept (see HLH) for spacecraft capsule recovery.

COMBAT HORNET - Air Force AC-119G and AC-119K gunship aircraft used in Vietnam.

COMBAT HUNTER - Tests of the Hughes AGM-65A Maverick missile at Fort Riley to evaluate how the television-guided, high performance air-to-surface missile would perform against large numbers of fast-moving tanks laying down a smoke screen, cancelled.

COMBAT INK - Operational test of a pre-production model detector,

cancelled.

COMBAT KEEL - Special application of the AN/MSQ-77 radar bombing control system (see COMBAT PINPOINT, COMBAT SKYSPOT).

COMBAT KID - Air Force test of chemical-agents, cancelled.

COMBAT KING - Deployment and combat evaluation of Gunship K, cancelled.

COMBAT KNIFE - C-130F aircraft assigned to Tactical Air Command for unconventional warfare missions. (see COMBAT SPEAR).

COMBAT LADY - Operational test and evaluation of new munitions by the Air Force, cancelled.

COMBAT LANCER - Code name given to Air Force operation of the original six General Dynamics F-111A aircraft sent to Vietnam for combat operations evaluation in March 1968.

COMBAT LIFE - Captive life determination of air-to-air missiles, cancelled.

COMBAT LIGHTNING - Establishment of Tactical Air Control Center (TACCS-see) in Southeast Asia and related actions, cancelled.

COMBAT LION - Special reconnaissance project, cancelled.

COMBAT LOT - Launch on take-off dart target tow system.

COMBAT MIX - An Air Force study and test to obtain effectiveness data on high explosive-incendiary/ armor piercing-incendiary ammunition.

COMBAT MODEL - A joint Tactical Air Command-Air Force Systems Command test of production engineered laser bomb systems.

COMBAT OTTER - Air Force procurement of three updated AN/MPQ-T2 radar trainers for operational test.

COMBAT OUTPOST - Air Force operations plan 10-68, cancelled.

COMBAT PACER - Air Force project to increase airlift in Southeast Asia by extending daily utilization rates of C-141, C-130 and C-135 aircraft; formerly called FAST FLY.

COMBAT PICTURE - A support package for Air Force One, the Presidential aircraft, at Homestead AFB, Florida.

COMBAT PIKE - An Air Force weapons system evaluation program for air-to-air (AIM) missile firings (see COMBAT SAGE).

COMBAT PINPOINT - Bomb delivery using F-4 aircraft and AN/MSQ-77 radar bombing control system (see COMBAT KEEL, COMBAT SKYSPOT).

COMBAT PIPE - Testing and evaluation of the AN/ASX-1 target identification system, cancelled.

COMBAT PIX - Photographic documentation of Southeast Asia.

COMBAT POINTER - Air Force test of steerable jamming antennas.

COMBAT POKER - Operational test and evaluation of combat aircraft recording data system (CARDS).

COMBAT POLKA - Operational test of the interface between the Air Force F-4D aircraft and Falcon (AIM-4D) missile.

COMBAT PRINCE - HIRAN/LORAN controlled photography, cancelled.

COMBAT PUZZLE - An open-ended test project directive related to electronic warfare, cancelled.

COMBAT QUEEN - HIRAN/LORAN controlled photography, cancelled.

COMBAT RAM - Test activities associated with F-4D aircraft radar, cancelled.

COMBAT REBUFF - B-52 aircraft munitions testing.

COMBAT RECOVERY - Air Force Traffic Control and Landing Systems (see TCLS).

COMBAT REGENT - Air Force tactical airborne command and control project, cancelled.

COMBAT RENDEZVOUS - Demonstration of AC type gunships, cancelled.

COMBAT REX - Reorganization of 7499th support Group (Air Force), cancelled.

COMBAT ROSE - An Air Force report on ground electronic interference.

COMBAT ROTOR - Deployment of UH-1N helicopters to PACAF (Pacific Air Force), cancelled.

COMBAT SAD - Search and destroy operational test and evaluation.

COMBAT SAGE - Air Force weapons systems evaluations program for air-to-air missile firings (see COMBAT PIKE).

COMBAT SAR - Replacement aircraft for A-1 aircraft, cancelled.

COMBAT SCAR - Development of tactics for hunter/ killer type operations, cancelled.

COMBAT SEER - Sensor report follow-on operational tests, cancelled.

COMBAT SENT - A classified scientific and technical ELINT (see) system, utilizing a Boeing RC-135U aircraft which has been in the operational inventory since 1971 in use by SAC.

COMBAT SHAKER - Weather modification program, cancelled.

COMBAT SHIELD - An effort to provide electronic countermeasures and electronic counter-countermeasures of Air Force combat units.

COMBAT SIERRA - B-52 Gunship evaluation, cancelled.

COMBAT SKYSPOT - Air Force radar system, the AN/MSQ-77, used with B-52 aircraft in Vietnam (see COMBAT KEEL, COMBAT PINPOINT).

COMBAT SNAKE - Reconnaissance operational development program, cancelled.

COMBAT SNAP - Operational test and evaluation of AIM-9J missile.

COMBAT SPEAR - C-130E aircraft assigned to unconventional warfare

missions with the Pacific Air Force (see COMBAT KNIFE).

COMBAT SPEEDY - Special reconnaissance project, cancelled.

COMBAT STAR - Tactical electronic warfare operational test & evaluation, cancelled.

COMBAT SUGAR - A test project involving chaff (see CHAFF).

COMBAT SWORDPLAY - Air Force program to improve all-weather bombing capability in Southeast Asia.

COMBAT TALK - CONUS training and movement of aircraft & personnel for a physical operational unit, cancelled.

COMBAT TALON - A global force of unconventional warfare C-130E aircraft. Classified.

COMBAT TANG - A 105 mm gun.

COMBAT TAPS - Evaluation of the capability of the pod-contained TERCOM (see) system, cancelled.

COMBAT TARGET - Addition of beacons to Air Force tactical fighter aircraft radar bomb-homing system providing increased bombing accuracy to strike in Vietnam; similar to COMBAT SKYSPOT.

COMBAT TEST - Air Force study on operational testing.

COMBAT THUNDER - Evaluation of all-weather bombing capability of Air Force F-105 aircraft Thunderstick 2 cancelled.

COMBAT TIPS - TEST INFORMATION PROCESSING SYSTEM.

COMBAT TRACTION - A cancelled Air Force program evaluating characteristics of aircraft on runways in crosswinds.

COMBAT TRAP - Air Force evaluation of the Army's M1 fuze extender.

COMBAT TREE - Testing of an IFF interrogator, cancelled.

COMBAT TURKEY - An Air Force program designed to exercise the Air Force Command Post (AFCP).

COMBAT VEE - Aerial support to combat Venezuelan equine encephalomyelitis, cancelled.

COMBAT VIEW - Operational test of US Army direct viewing devices.

COMBAT VINE - Testing of the AN/APQ-99 terrain following radar, cancelled.

COMBAT VULCAN - Infrared countermeasures for tactical aircraft.

COMBAT WALL - Operational test involving Army night vision devices.

COMBAT WALTZ - Operational test of the Air Force F-4D aircraft and the Sparrow 2 (AIM-7) missile, cancelled.

COMBAT WHEELS - Air-to-air missile firing program for Air Force fighter aircraft, cancelled.

COMBAT WOMBAT - Special classified project, cancelled.

COMET - A permanent first word nickname assigned to Headquarters USAF (AFRDSC).

COMET DUST - An Air Force special project classified.

COMET GUARD - Former designation of the Air Force's Integrated Satellite (see) program. (MS)

COMET STREAK - An Air Force special project, classified.

COMFORT - A permanent first word nickname assigned to Headquarters Air Force Reserve (AFRES).

COMFORT CARRIER - Air Force support of Military Airlift Command special plan 177. Cancelled.

COMFORT CRAFT - Air Force tactical airlift training support, cancelled.

COMFORT SELECT - Selection of Air Force crews for airlift competition, cancelled.

COMFORT SILVER - An event held by the Air Force Reserve for nationwide combined tactical airlift and tactical gunnery competition.

COMFORT WHITE - Air Force staff airlift backup, cancelled.

COMFT DART - Air Force air-dropped weapons and munitions effectiveness study, cancelled.

COMFY - A permanent first word nickname assigned to the USAF Security Service (USAFSS).

COMFY ALB - Test of an automatic development model for use with AN/FLR-9.

COMFY BANNER - An Air Force automatic processing system.

COMFY BEE - An Air Force high altitude drone for electronic surveillance and photo reconnaissance missions. The early code name of the current COMPASS DWELL program.

COMFY BLUE - Air Force designator for the AN/MSQ-90 data collection system, cancelled.

COMFY BOX - Installing COMPASS EARS (see) type hardware at Air Force sites.

COMFY BOY - Electronic Warfare topical studies reports, cancelled.

COMFY BRIDLE - An Air Force secure communications network in Southeast Asia. (Also COMFY DISC, COMFY DOG).

COMFY BRIGHT - Air Force production report concerning electro-optical evaluations, cancelled.

COMFY BRUTE - An Air Force engineering installation capability program.

COMFY BUGGY - Conduct mobile monitor and survey of communications.

COMFY BULL - Self-directed deployment program within the Air Force.

COMFY CARBON - Quarterly report formerly issued by the USAF Security

Service which provided a single source for current electronic warfare information. The report covered changes in the threat environment, equipment parameters (friendly and hostile), equipment and tactics effectiveness, test results, interference, jamming and intrusion. Cancelled.

COMFY CARD - Air-transportable mobile huts with HF, VHF and UHF radio equipment.

COMFY CART - Conduct communications security survey of communications in facilities operations in Southeast Asia, cancelled.

COMFY CHIME - M-84 Rome Air Development Center rewinder and cleaner prototype machine test.

COMFY CLOCK - Survey of communications security in Southeast Asia air operations.

COMFY COAT - Described as a low altitude drone used for electronic surveillance and photo reconnaissance.

COMFY DISC - Secure communications network in Southeast Asia.

COMFY DISH - Service test of AN/FLR-9.

COMFY DOG - Secure communications network in Southeast Asia.

COMFY DOZEN - Air-transportable communications and maintenance hut complex for HF and UHF communications.

COMFY DRAGON - Operational security program (Air Force).

COMFY DRESS - Electronic transmission reports of interference, jamming and intrusion, cancelled.

COMFY FALP - Modification of C-141 paratroop doors to include a special configuration.

COMFY FLUFF - Analytic reports concerning anti-ballistic missile tests and exercises in electronic warfare, cancelled.

COMFY GATOR - Operational program with remote controlled equipment on C-130E aircraft, cancelled.

COMFY GIN - Expanded communications security coverage in Southeast Asia, cancelled.

COMFY GRILL - Message identifier in message originated by the National Security Agency when querying the Air Force.

COMFY HARVEST - Real-time reporting and processing system.

COMFY HAWK - Review a threat to Air Force research and development and operational test and evaluation activities.

COMFY HOP - Study interference to Space Sensor equipment, cancelled.

COMFY HOUND - Quarterly report of electronic warfare activities, cancelled.

COMFY JADE - Man-portable airborne emergency reaction system.

COMFY KEEPER - Air Force Security System notification of location of

key personnel.

COMFY LEVI - Emergency airborne reaction system phase II.

COMFY MAT - Messages requiring immediate assistance and needed equipment.

COMFY MOWER - Air Force Security Systems secure voice network KY-8.

COMFY MUSIC - Service test of the Watkins-Johnson CEI-555 receiver, cancelled.

COMFY PANTRY - Movement of high priority cryptologic cargo.

COMFY PAPA - Direction finding exercise.

COMFY PIKE - Program to automate field level processing of analytical data, cancelled.

COMFY RABBIT - Results of evaluation and analysis of electronic warfare activities in a specific area, cancelled.

COMFY RIFLE - Theater-produced electronic warfare support planning of combat elements, cancelled.

COMFY RIG - Testing of go/no-go test sets at non-FLR-9 sites.

COMFY RUG - Monitoring and analytical reporting of communications relating to a presidential trip, cancelled.

COMFY SADDLE - Air Force secure voice network KY-8.

COMFY SCREEN - - Dummy communications preparation with program testing.

COMFY SCRIBE - Electronic warfare associated studies and scenarios, cancelled.

COMFY SILK - Ground air secure voice system at the 6924th Security Squadron, cancelled.

COMFY SLEEP - An interim mobile electronic intelligence system, cancelled.

COMFY SMOG - A spectrum occupancy study.

COMFY SPOOK - An Air Force Security System program, cancelled.

COMFY SPROUT - Denotes intelligence messages for the commander at Air Force Security briefings.

COMFY STEED - Special research Division (Air Force) monthly summary.

COMFY SWORD - Studies of non-intentional radiation, cancelled.

COMFY TIME - Monitor of Air Force frequencies, cancelled.

COMFY TIP - Weekly abstract of doctrines and publications relating to electronic warfare.

COMFY VELVET - A dial switch intercom system.

COMFY WEB - A prototype system for upgrading data communications

subgroup of the AN/FLR-9.

COMFY WORLD - Air Force actions on airborne realignment.

COMMAND FLIP - Aircraft deployment plan within the Pacific Air Force.

COMMAND ORE - Pacific Air Force program, cancelled.

COMMANDO - A permanent first word nickname assigned to Pacific Air Forces (PACAF).

COMMANDO ABANDON - Hand held camera program, cancelled.

COMMANDO ABOVE - Pacific Air Force security police elements for contingencies.

COMMANDO AGENT - Complete rebuilding of command NF-2 floodlights.

COMMANDO AID - Pacific Air Force special airlift exercise, cancelled.

COMMANDO AIM - Pacific Air Force OV-10/O-2 aircraft, cancelled.

COMMANDO AMBER - Special drug testing program.

COMMANDO BANANA - Beddown of forces at Korat, cancelled.

COMMANDO BAND - Pacific Air Force encoding program, cancelled.

COMMANDO BANDIT - Pacific Air Force operations order 73-3.

COMMANDO BARON - Commander in Chief, Pacific Air Force operations plan C-113, cancelled.

COMMANDO BASKET - A Pacific Air Force airspace violation, cancelled.

COMMANDO BAT - Pacific Air Force program to exploit known tactical advantages.

COMMANDO BEARCAT - Pacific Air Force inspections.

COMMANDO BLADE - Operations planning conference June 1974.

COMMANDO BOLT - Linked to IGLOO WHITE (see), this program involved high performance aircraft attacking targets detected by air-dropped sensors, cancelled.

COMMANDO BULLET - Pacific Air Force fighter weapons meeting.

COMMANDO BUSH - Interim radar deployments to Korea, cancelled.

COMMANDO BUZZ - Special purpose C-121 aircraft, cancelled.

COMMANDO CAGE - Identification of Hawaiian Air Defense Division System air defense exercises, cancelled.

COMMANDO CALF - Identify team training exercises conducted by 326th Air Division.

COMMANDO CAMERA - Aerial combat strike photography.

COMMANDO CARPET - Western Pacific air traffic control improvement projects.

COMMANDO CAVE - Recouping high cost local purchase equipment from the

Vietnamese Navy, cancelled.

COMMANDO CAVE I - Recouping high cost local purchase equipment from Thailand.

COMMANDO CHALLENGE - Pacific Air Force conference.

COMMANDO CHOW - Identification of two training missions, cancelled.

COMMANDO CHUM - Pacific Air Force airlift support program.

COMMANDO CLAMP - Pacific Air Force training and orientation project, cancelled.

COMMANDO CORK - Implementation of Pacific Air Force operations plan 5002.

COMMANDO COT - Program for advertising Pacific Air Force officer job vacancies.

COMMANDO COUSIN - Pacific Air Force tactical electronic warfare operation, cancelled.

COMMANDO CRICKET - Air operations central upgrade.

COMMANDO DANCER - A Headquarters Pacific Air Force program, cancelled.

COMMANDO DECOY - Intra-theater weapon movements within the Pacific Air Force.

COMMANDO DELUXE - The 326th Air Division generated alert force capability test, cancelled.

COMMANDO DENT - Pacific Air Force logistic airlift support.

COMMANDO DEPTH - Provides Commander In Chief of Pacific Air Force information for possible command-wide action.

COMMANDO DETOUR - Pacific Air Force operations plan C105.

COMMANDO DIALECT - Implementation of alternate Air Defense Command and Control System, cancelled.

COMMANDO DOCK - The Kanto Plain communications consolidation.

COMMANDO DOMINO - Pacific Air Force operations plan C-107.

COMMANDO EAGLE - A directive to Fifth Air Force subordinate units to conduct air defense training sorties.

COMMANDO ECHO - A Pacific Air Force test of ORI implementing instructions, cancelled.

COMMANDO EDGE - Taiwan air defense radar improvement program, cancelled.

COMMANDO ELITE - Close air support for the US Army/Hawaii, cancelled.

COMMANDO EMBER - Airlift support for Pacific Air Force operations plan C-100, cancelled.

COMMANDO ESCORT - Pacific Air Force commanders command control SSB

radio network.

COMMANDO EXPRESS - Bare Base activation planning.

COMMANDO FACE - Operations plan 5001 notification.

COMMANDO FADE - Pacific Air Force special operations in Southeast Asia, cancelled.

COMMANDO FALCON - A Pacific Air Force reconnaissance program, cancelled.

COMMANDO FAMOUS - Operations plan 5001 notification.

COMMANDO FASTEN - Exercise of the 326th Air Division/ FAA emergency flush procedures, cancelled.

COMMANDO FILM - Development of HQ Pacific Air Force 35MM slide depository.

COMMANDO FIX I - Maintenance assistance visits to all Pacific Air Force units.

COMMANDO FLAME - Airlift support to Pacific Air Force operations plan C-100.

COMMANDO FLASH - Pacific Air Force operations plan C101.

COMMANDO FLY - Pacific Air Force operations plan C-103.

COMMANDO FOLLOW - Evaluation of the CBU-33 anti-vehicle land mine, cancelled.

COMMANDO FOX - Pacific Air Force tactical deception and unconventional warfare program.

COMMANDO FREIGHT - Base reopening planning.

COMMANDO FRIEND - Plan for management of Permissive Action Link (see PAL).

COMMANDO FULFILL - Notification of operations plan 5001.

COMMANDO FUSE - Notification of operations plan 5001.

COMMANDO FUTURE - Conferences of the Pacific Air Force.

COMMANDO GLOW - Southeast Asia air traffic control radar improvement program.

COMMANDO GOAL - Post-Southeast Asia Headquarters manning of Pacific Air Force, cancelled.

COMMANDO GOAL II - Post-Thailand withdrawal Headquarters manning.

COMMANDO GOLD - Pacific Air Force operations plan C-100.

COMMANDO GOLF - Operations plan 5001, cancelled.

COMMANDO GOPHER - Vietnam navigational aids upgrade, cancelled.

COMMANDO GUARD - Communications support for base level data automation standard program.

COMMANDO GUN - Exercise notification of operations plan 5001, cancelled.

COMMANDO HASTE - Intra theater shipment between Takhli Air Base and Clark Air Base.

COMMANDO HAWK - Pacific Air Force operations plan C-102.

COMMANDO HEED - Deployment plan involving AN/ALQ-119.

COMMANDO HIGH - Pacific Air Force program due to be effective in 1975, cancelled.

COMMANDO HOOP - Pacific Air Force identification of aircraft.

COMMANDO HORNET - Pacific Air Force operations plan C-109.

COMMANDO HUNT - An interdiction operation, using IGLOO WHITE (see) sensors, carried out by the Air Force against North Vietnamese vehicular traffic on the Ho Chi Minh Trail in Laos and South Vietnam.

COMMANDO HUNT II - A monsoon interdiction campaign plan, cancelled.

COMMANDO IMAGE - A Pacific Air Force special interest airlift mission.

COMMANDO INDIAN - The Air Traffic Regulation Centers (ATRC) segment of the Air Force's Tactical Air Control System (see TACS), 407L Program.

COMMANDO JADE - A Pacific Air Force program to test air support, cancelled.

COMMANDO JOE - A tactical Air Force communications system phasedown.

COMMANDO LAVA - Field testing of special interdiction techniques, cancelled.

COMMANDO LEAF - Pacific Air Force operations plan 32-64.

COMMANDO MAGNIFY - A five-year evaluation of future communications requirements undertaken by the Air Force.

COMMANDO MATE - Fifteenth Air Base Wing operations plan 5001, cancelled.

COMMANDO MERCURY - Pacific Air Force Command Advisory Function System.

COMMANDO NAIL - A Pacific Air Force radar bombing program, cancelled.

COMMANDO NECTOR - Pacific Air Force Dart II deployment, cancelled.

COMMANDO NEGATE - Pacific Air Force LORAN (see) evaluation, cancelled.

COMMANDO NICK - A buffer site, cancelled.

COMMANDO NIGHT - Close air support of combined forces exercise, cancelled.

COMMANDO OBLIQUE - South Korean photography.

COMMANDO OMEGA - Pacific Air Force ground-based satellite terminals.

COMMANDO OPEN - Fifteenth Air Base Wing operations plan 5001 notification.

COMMANDO ORANGE - Provides logistic support to ground forward air guides, cancelled.

COMMANDO OUT - Fifteenth Air Base Wing operations plan 5001 notification.

COMMANDO PANZER - A Pacific Air Force Reconnaissance project, cancelled.

COMMANDO PARKA - A support program within the Pacific Air Force, cancelled.

COMMANDO PATCH - Contingency combined effects munition equipment for classified locations.

COMMANDO PAVE - A Pacific Air Force laser bomb evaluation, cancelled.

COMMANDO PEPPER - A special Pacific Air Force reconnaissance project, cancelled.

COMMANDO PLUG - Command anti-drug smuggling program responsibilities.

COMMANDO POD - Logistics support to the AN/ALQ-119 electronic countermeasures pod.

COMMANDO POUCH - Pacific Air Force airlift courier high priority mail material and personnel, cancelled.

COMMANDO QUEEN - A Pacific Air Force reconnaissance project, cancelled.

COMMANDO QUILT - A Pacific Air Force special logistics project.

COMMANDO RABBIT - Establishment of prepositioned communications packages.

COMMANDO RAPID - Fifteenth Air Base Wing operations plan 5001 exercise notification, cancelled.

COMMANDO RAZOR - Exercise of emergency recovery bases, cancelled.

COMMANDO REBOUND - Fifteenth Air Base Wing operations plan 5001 exercise notification, cancelled.

COMMANDO RECALL - Recall to duty of personnel within the Pacific Air Force.

COMMANDO RIFLE - A Pacific Air Force reconnaissance project, cancelled.

COMMANDO RING - The CBU-38 munitions initial combat employment, cancelled.

COMMANDO RIPE - The Pacific Air Force redistribution of idle programmed equipment project.

COMMANDO RIPPLE - Exercise of Air Force Bases and Facilities in Korea, cancelled.

COMMANDO ROBIN - The high altitude interception training utilizing

RB-57F targets.

COMMANDO ROUND - Fifteenth Air Base Wing operations plan 5001 exercise notification, cancelled.

COMMANDO SABRE - The F-100F forward air control, cancelled.

COMMANDO SAXON - Conduct and support of the College Eye operations program by the Pacific Air Force.

COMMANDO SCARF - Special munitions project to be conducted in authorized operational areas, cancelled.

COMMANDO SCOPE - Consolidated communications message distribution centers located on Pacific Air Force bases.

COMMANDO SHACKLE - The aerial surveillance of the III Corps Tactical Zone in Vietnam by units of the Seventh Air Force (see CSR).

COMMANDO SHIELD Pacific Air Force tactical electronic warfare requirements.

COMMANDO SMITE - A Pacific Air Force aerial support program, cancelled.

COMMANDO SOAP - A 15th Air Base Wing operations plan, cancelled.

COMMANDO SPIN - A novel and inexpensive weapons and procedures program, cancelled.

COMMANDO SQUEEZE - Disposition of 7th Air Force supply and equipment assets, cancelled.

COMMANDO STEP - A 15th Air Base Wing operations plan, cancelled.

COMMANDO STRIKE - A close air support of combined forces exercise, cancelled.

COMMANDO SURPRISE - A Pacific Air Force program for the interception of air traffic (Korea-Japan).

COMMANDO SWORD - Implementation of Pacific Air Force operations plan C-128.

COMMANDO TAB - 15th Air Base Wing operations plan 5001 notification.

COMMANDO TACKLE - 15th Air Base Wing operations plan 5001 notification.

COMMANDO TAILOR - Operation and maintenance of an integrated communications system in Thailand.

COMMANDO TALK - 15th Air Base Wing operations plan 5001 exercise notification.

COMMANDO TALON - A special operations project in the West Pacific.

COMMANDO TEST - The logistics support given to the AN/ALM-126 test station.

COMMANDO THRIFT - A test of a maintenance concept concerning office equipment and aircraft avionics.

COMMANDO THUNDERSTORM - A contingency selected acquisition report program for U.S. personnel.

COMMANDO TRIPLE - 15th Air Base Wing operations plan 5001 exercise notification, cancelled.

COMMANDO TUMBLE - 15th Air Base Wing operations plan 5001 notification.

COMMANDO TURN - 15th Air Base Wing operations plan 5001 notification.

COMMANDO VAULT - The employment of C-130/M-121 delivery system in Southeast Asia.

COMMANDO WADE - The 1972-1973 Northeast monsoon interdiction campaign plan.

COMMANDO WAGON - Communications test concerning reduced precedence on perishable operations messages, cancelled.

COMMANDO YIELD - A validation of the 1050-II computer funds records.

COMMANDO ZEST - A special air defense operation, cancelled.

COMPASS - A permanent first word nickname assigned to Headquarters USAF (AFRDR).

COMPASS - Air Force programs involving battlefield surveillance and control systems. Used as a prefix for programs so oriented.

COMPASS ADD - A quick reaction capability (QRC) program initiated during the Vietnam War.

COMPASS ARROW - High altitude photo surveillance flights or RPVs with secondary infrared and electronic intelligence objectives. Used mainly over China in the 1960s.

COMPASS ASSIST - A Naval program involving test of the EA-6B electronic countermeasures system.

COMPASS BEAR - Development of a tactical electronics support measures vehicle by the Air Force, cancelled.

COMPASS BEE - A B-52 radar warning system, cancelled.

COMPASS BIN - A low altitude photo reconnaissance drone launched by Lockheed DC-130 control aircraft. The COMPASS BIN program utilizes the Teledyne Ryan AQM-34L/M unmanned aircraft. Used in Southeast Asia, it may have been the predecessor to the BUFFALO HUNTER program.

COMPASS BOOM - A program related to a drone ground launcher.

COMPASS BRAKE - Installation of KA-51 cameras in Air Force RF-4C aircraft.

COMPASS BRIGHT - An Air Force cryptologic program which deals with recovery of signal intelligence payloads from COMPASS DWELL drones. (ES)

COMPASS BUFFALO - Air Force program involving aerial surveillance drones over Southeast Asia.

COMPASS CALL - An Air Force communication jammer.

COMPASS CALL - An Air Force projected system to add capability to the EF-111A aircraft to counter enemy C3 activity.

COMPASS CAPE - A Rome Air Development Center project for a reconnaissance system involving the TR-1 aircraft.

COMPASS CLEAR - An Air Force program concerning ALT-16/ALR-46 ECM integration, involving Systems Research Laboratories/Dayton.

COMPASS CLIP - Prototype of the RF-102 reconnaissance aircraft, cancelled.

COMPASS COOKIE - A reconnaissance drone modified to take off-the-shelf receivers. Mission was electronic countermeasures/signal intelligence for the Air Force. The program ended in FY74.

COMPASS COOL - An infrared countermeasures program involving warning receivers for transports, forward air control aircraft and helicopters. An Air Force project involving competing models from Cincinnati Electronics (infrared scanning sensor) and Aerojet ElectroSystems (staring sensor).

COMPASS COPE - An Air Force high altitude, long endurance RPV capable of performing a variety of reconnaissance, surveillance, and relay tasks.

COMPASS COPE-B - This high-altitude, 36-hour endurance jet drone is being built by Boeing for the Air Force.

COMPASS COPE-R - This high-altitude photo-reconnaissance drone is being developed by Teledyne Ryan for the Air Force. It is an enlarged version of an earlier 24-hour drone.

COMPASS COUNT - The AN/AVD-2 laser line scanning camera system produced for the Air Force by Perkin-Elmer capable of high resolution photos of target areas during complete darkness without use of conventional illumination techniques. Use is with RF-4C aircraft. An advanced system is designed for Army UH-1D helicopters.

COMPASS COUNTER - An Air Force R&D program for locating radars.

COMPASS CROW - An electronic warfare update on F/FB-111 aircraft.

COMPASS DAGGER - Headquarters Air Force directed support of an OT project.

COMPASS DANCE - A signal intelligence receiver development of the QRC-259 (Quick Reaction Capability Program 259).

COMPASS DART - An Air Force electronic countermeasures system that would enable aircraft to intercept enemy field communications, locate the position and jam the signal. Development by Sanders Associates.

COMPASS DAWN - Air Force program related to electronic direction finding equipment, an early code name for COMPASS DWELL.

COMPASS DWELL - Air Force program to develop a new series of reconnaissance drones with a 24-hour loiter capability. Studies began as COMFY BEE (see) and evolved into a requirement for a drone to replace the manned U-2 and SR-71 reconnaissance aircraft. (MS, ES)

COMPASS EAGLE - Air Force classified aircraft reconnaissance project support operations in Vietnam conducted by Rome Air Development Center. Probably part of the overall SHED LIGHT (see) program.

COMPASS EARS - A heavily classified tactical intelligence program of the Air Force. It apparently is intended to serve as an emergency airborne backup for US intelligence and communications in Europe, with aircraft-manned and unmanned-flying at 60,000 feet and up believed involved. General Dynamics/ Convair and Sperry Univac/Defense Systems associated with it. Airborne communications terminals are involved.

COMPASS FALCON - A specialized receiver, cancelled.

COMPASS FLAG - Purpose of the program is classified but apparently involves a form of airborne reconnaissance in drone form. It involves a modification of the QU-22B aircraft.

COMPASS FOG - An AF Aeronautical Systems Division test fog involving Martin Marietta/Orlando.

COMPASS FROST - A high altitude reconnaissance exploitation test.

COMPASS GHOST - A system developed for investigation of electro-optical countermeasures to be used aboard tactical aircraft.

COMPASS GLITTER - An Air Force low frequency chaff test.

COMPASS GO - A joint Air Force/Navy electronic warfare suite for F-16 and F-18 combat fighters.

COMPASS GOLF - Installation of KS-87 cameras in Air Force RF-4C aircraft.

COMPASS HAMMER - A pod-mounted electro-optical countermeasures system under joint Air Force/Navy development. Martin Marietta/Orlando and Westinghouse/Baltimore are competing for an Air Force contract for this jammer to be tested on an E-4 aircraft. (ML and EO)

COMPASS HASTE - A specialized reconnaissance capability for the 7th Air Force.

COMPASS HAT - A special air Force access program, cancelled.

COMPASS HAWK - Air Force development of a recorder and dry film processor, cancelled.

COMPASS HOME - Involves an Air Force effort (QRC-350), a radar pinpointing program to develop a search and destroy missile for the F-4, with Westinghouse as prime.

COMPASS HUNTER - The Quick Reaction Capability program QRC-72-13, cancelled.

COMPASS JACK - An Air Force program to develop target and activity display systems.

COMPASS JADE - An Air Force program to demonstrate the feasibility of using automatic aids to eliminate redundant and conflicting information from data collected and processed. Contract for \$3.1 million awarded by Rome Air Development Center to General Dynamics, Fort Worth, TX.

COMPASS JAY - An Air Force signal collection pod, cancelled.

COMPASS JOY - An AF Aeronautical Systems Division project involving Industrial Electronics/Mohawk, NJ, and Magnavox/Mahwah, NJ.

COMPASS LANE - Air Force classified Project 8756.

COMPASS LIFT - An ECM pod ground handling equipment, cancelled.

COMPASS LINK - Air Force program for transmission of reconnaissance photographs from the field in Vietnam to Washington via the National Defense satellite. Equipment is also reported to have been deployed to the Middle East during the Arab-Israeli truce of 1970.

COMPASS LOOK - USAF Aeronautical Systems Division project involving airborne laser/infrared transmission system for navigational aids.

COMPASS MAIL - A chaff development, cancelled.

COMPASS MATRIX - An electronic countermeasures jamming drone employed on Air Force F-4 fighter aircraft, now called COMPASS TIE (see).

COMPASS NEWTON - An airborne gravity measuring subsystem, cancelled.

COMPASS NICKEL - A program for precisely locating up to 200 signal emitters (radars) along the East German border by using time-of-arrival signal location techniques.

COMPASS ORGAN - A Tactical Air Command exercise which demonstrated ECM and EW capabilities of RPVs.

COMPASS OWL - Study on modifying the Air Force T-38 aircraft for near real-time reconnaissance, cancelled.

COMPASS PAINT - A side looking airborne radar development program.

COMPASS PASS - A defense analysis signal intelligence system for the Strategic Air Command RAD NO 7-64-(1).

COMPASS POINTER - A drone specially equipped for foliage penetration to aid reconnaissance missions in Southeast Asia.

COMPASS PREVIEW - A program to provide a comprehensive single console scheme for the intelligence analyst to handle and exploit reconnaissance imagery with assistance of on-line electronic data processing techniques. Console reduces manpower and time for image exploitation. See also PACER.

COMPASS QUASAR - A mobile ground processing equipment system (supplanting the former Transportable Ground Intercept Facility) which, by using dedicated data link, will take the real-time output of the sensors of the TR-1 aircraft, process it, and disseminate it to both air and ground force battlefield commanders.

COMPASS QUEEN - An improved infrared reconnaissance sensor. (SEAOR 92).

COMPASS QUICK - Involves fine grain analysis electronic intelligence measuring equipment for Air Force RC-135 aircraft. (DM)

COMPASS READY - The ALQ-119/ALQ-131 ECM pod programs.

COMPASS ROBIN - An Air Force program to develop expendable radio frequency sensors that can be covertly ejected from RPVs or drones in areas defended by Soviet SA-2 Fansong radars. They could provide the capability to collect electronic intelligence information.

COMPASS ROSE - Remotely Piloted Vehicle (RPV) research effort at Wright-Patterson AFB.

COMPASS ROYAL - An Air Force advanced collection capability.

COMPASS SAIL - A code name for the AN/QRC-73-18. A joint project with the Navy and Air Force. An R&D antenna system for integration with existing R&D antenna systems on other aircraft. A modification program of the C&D bands will provide direction finding for pinpointing surface-to-air missile guidance beams.

COMPASS SAIL/CLOCKWISE - A Navy program which provides for modifications to the AN/ALR-46 radar warning receiver by extending coverage to C/D radar frequency bands. Naval Air Development Center awarded a contract to Loral/New York for this modification designated AN/APR-43.

COMPASS SEE - An Air Force project to upgrade ECM systems of the B-52 bomber by developing a flyable brassboard receiver for detection and direction finding of CW and pulsed threat radars, thus resulting in a full-up four channel receiver that will be interfaced with an ALR-46 Radar Warning Receiver.

COMPASS SENIOR - A German Air Force electronic warfare study.

COMPASS SEVEN - An Air Force special collection program.

COMPASS SIGHT - A data link used by the Air Force to transmit infrared reconnaissance imagery from airborne RF-4C aircraft to the ground (SEAOR 45).

COMPASS SIGMA - An AN/ALR-46 improvement program.

COMPASS SPARK - An Air Force signal intelligence equipment program.

COMPASS STAR - A Quick Reaction Capability (QRC) equipment evaluation program, cancelled.

COMPASS STRIKE - An Air Force investigation of inverse loran techniques to obtain a computer-controlled radar location; for application with F-4 aircraft; in response to. Quick Reaction Capability-334.

COMPASS SWING - Electronic countermeasures equipment for Air Force F-4C and RF-4C aircraft, cancelled.

COMPASS TIE - The ARL-69 COMPASS TIE warning system is a modification of the AN/ALR-46 ECM set to give the AN/ALQ-119 and AN/ALQ-131 pod a power or jamming management capability. The program also includes the COMPASS SAIL program and an anti-SA-6 missile capability for the F-4 and possibly F-5 aircraft. The USAF has standardized the ARL-69 for the F-16.

COMPASS TRAIL - An Air Force tactical applications research program.

COMPASS TRIP - A program to detect illicit poppy (opium) growth.

COMPASS WIDGET - A project to outfit 20 C-130 aircraft with communications jamming equipment.

COMPASS WORLD - A reconnaissance drone developed by Sperry Univac for the Air Force.

COMPETENT - A permanent first word nickname assigned to the Tactical Air Command (TAC).

COMPLY - A permanent first word nickname assigned to Pacific Air Forces (PACAF).

CONCRETE - A permanent first word nickname assigned to Headquarters USAF (AFOCE).

CONCRETE BEET - An Air Force base engineering emergency test, cancelled.

CONCRETE DAGGER II - A survey of an off-shore area to determine feasibility of construction.

CONCRETE SKY - Development of tactical aircraft shelters by the Air Force.

CONCRETE TRACTION - An Air Force pavement skid-resistance program, cancelled.

CONCRETE YOUGH - A program for development and promotion of young civil engineering graduated.

CONDECA AGUILA - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

CONSTANT ANGEL - An Air Force tactical expendable drone for jamming enemy radar. (MS)

CONSTANT AWADS - A joint operational test and evaluation of adverse weather aerial delivery system for C-130 aircraft.

CONSTANT BLUE - A classified Air Force program.

CONSTANT BRACKET - An Air Force test of the BSU-11A/B conical fin, cancelled.

CONSTANT BUNKER - Operational test of a second generation aircraft shelter, cancelled.

CONSTANT CARIBOU - An Air-to-Surface weapon system evaluation program for anti-aircraft systems.

CONSTANT CHARM - An operational test and evaluation project for FB-111 aircraft, cancelled.

CONSTANT CLUSTER - The initial operational test and evaluation of improved cluster munitions.

CONSTANT CODE - A laser guided bomb test.

CONSTANT CONE - Operational test and evaluation of the AIM-7F missile.

CONSTANT DATA - The initial operational test and evaluation of an in-

flight data transmission system.

CONSTANT DOT - Operational test and evaluation of the GBU-1/B laser guided Rockeye, cancelled.

CONSTANT FALL - A comparison of glass and aluminum chaff.

CONSTANT FIX - The initial operational test and evaluation of the air combat maneuvering range (ACMR), cancelled.

CONSTANT GUARD - Air Force aircraft deployment program.

CONSTANT HIT - An improved air-to-air missile reliability study.

CONSTANT HORNET - A tactical air-to-surface weapon system evaluation program.

CONSTANT IMAGE - Operational test and evaluation of modified AN/AAS-18 IR system for RF-4C aircraft.

CONSTANT IMPROVEMENT - Operational test and evaluation of planning, analytic, and evaluation capabilities.

CONSTANT KEYSTONE - The program is handled by the Sacramento Air Logistics Center, no details are known.

CONSTANT LAPES - Additional joint Army/Air Force operational test and evaluation of 1528 LAPES (see).

CONSTANT LINK - An Air Force special study group.

CONSTANT LOCUST - An Air Force Europe air-to-surface weapon system evaluation program, cancelled.

CONSTANT MADGE - A test and evaluation of a United Kingdom approach and landing system.

CONSTANT NOISE - A Quick Look test of electro-optical guided bomb system, cancelled.

CONSTANT OWL - A surface-to-air missile electronic warfare threat simulator installed at the RAF Electronic Warfare Training Range at Spadeadam in the UK. The simulator will be used jointly by RAF and USAFE aircrews under an agreement whereby the US provides the simulator and the British operate the range.

CONSTANT PRESS - Air Force support aircraft.

CONSTANT QUALITY - Operational test and evaluation of a concept for evaluating and enhancing reconnaissance system performance.

CONSTANT RAP - Additional ABNCP Autovon ground entry points.

CONSTANT RING - Operational test and evaluation of the FMU-56C/B proximity fuze.

CONSTANT SCORE - Initial operational test and evaluation of the Babcock bomb/rocket scoring system, cancelled.

CONSTANT SNAKE - Pacific Air Force air-to-surface weapon system evaluation program, cancelled.

CONSTANT SPIDER - Strategic Air Command air-to-surface weapon system

evaluation program, cancelled.

CONSTANT SPIKE - An Air Force bomb damage assessment program, cancelled.

CONSTANT SPUR - An Air Force project for development of a series of vans to simulate a high density electro-magnetic environment for aircraft to fly against.

CONSTANT STATIC - An air-to-ground communication test.

CONSTANT SWEEP - An Air Force investigation of Southeast Asia F-111A combat losses in 1972.

CONSTANT TAPE - A playback of video tapes.

CONSTANT TEST - Activation of the Air Force test and evaluation center.

CONSTANT THREAT - Operational test deployment of the Advanced Location Strike System (ALSS), cancelled.

CONSTANT TRACK - Operational test and evaluation of a forward looking infrared set in the RF-4C aircraft.

CONSTANT TRAIN - An evaluation of aircraft tactics, cancelled.

CONSTANT TRUMP - Operational test and evaluation of the improved 2.75 inch rocket system.

CONSTANT VISUAL - VFR low altitude, high speed routes.

CONSTANT VOLUME - A deployment evaluation and demonstration of the AWACS APR-75.

CONSTANT WAKE - A test to evaluate potential anti-ship munitions.

CONSTANT WATCH - Program supporting Pacific Air Force's (PACAF's) development of an automated C3 system to aid in force management; will consolidate communications, intelligence gathering and dissemination, and data-processing capabilities and facilities, as well as provide operations support, airlift control, and weather information. The system is designed to improve the management of both US and Republic of Korea forces in the Korean theatre.

CONTRACT - A permanent first word nickname assigned to Headquarters USAF (AFSLP).

CONTRACT PINE - Contingency planning for logistic support.

CONTROL - A permanent first word nickname assigned to Headquarters USAF (AFIGO).

COOL - A permanent first word nickname assigned to the Alaskan Air Command (AAC).

COOL BARGE - Designation of the annual resupply of Alaskan remote stations.

COOL DART - Operations of the Blying sound gunnery range, cancelled.

COOL HIDEOUT - An Air Force supply cache for emergencies.

COOL MIDGET - Utilization and support of the 25th TASS.

COOL PHANTOM - F-4E operation plan in Alaska.

COOL POWER - Logistic support for AAC prime power diesel spares.

COOL RANGE - Alaskan Air Command weapons range policies.

COOL SHOOT - F-4 fire control and missile verification program.

COOL STAR - Dissimilar air combat maneuvering training.

COOL STUFF - An Air defense project, cancelled.

COOL TENT - The logistics support of the Alaskan Air Command field operations.

COOL WATER - Flood prevention and possible evacuation of Galena Air Force Station.

COOPER CAP - An Air Force career action plan.

COPE JADE - Joint US South Korean military exercises held periodically in the Republic of Korea and its contiguous waters. The latest was designated COPE JADE 81-1.

COPE STRIKE X-RAY - A military exercise in Korea which tested ROK Army and Air Force fire power and joint combat operations. Fairchild A-10 participated.

COPE THUNDER - Air Force air-to-air specialization tests in the Pacific area.

COPPER - A permanent first word nickname assigned to Headquarters USAF (AFSPP).

COPPER - See PROJECT COPPER CAP.

COPPER IMPACT - An Air Force program to improve modern pricing and costing techniques.

COPPER QUALITY - An Air Force quality assurance improvement program.

CORN TARGET - A program within the Air Force Quick Reaction Capability Program (QRC).

CORONA - A permanent first word nickname assigned to Headquarters USAF (AFCCS).

CORONA ACE - A review of USAF's air-to-air capabilities which revealed both the need and means for improving air-to-air combat skills and hardware.

CORONA HARVEST - An Air Force evaluation of effectiveness in Southeast Asia.

CORONA LOCK - An Air Force program for security of arms and munitions.

CORONA NEWS - A NATO electronic warfare support program.

CORONA QUEST - A B-1 program ad hoc group.

CORONET - A permanent first word nickname assigned to the Tactical

Air Command (TAC).

CORONET ACE - An evaluation of TACS capability for airspace control.

CORONET AID - Air Force forces headquarters.

CORONET ARLINGTON - Memorial flyover plan.

CORONET BACON - Tactical Air Command redeployment.

CORONET BARE - A demonstration of the Air Force's instant air base for tactical fighter units deployed to remote fields. (see BARE BASE). (ES)

CORONET BELL - An Air Force tactical deployment.

CORONET BEVERLY - Air Force (COMTAC) weapons system test plan.

CORONET BOLO - Redeployment of Tactical Air Command air assets from Southeast Asia, cancelled.

CORONET BOLT - Tactical Air Command deployment.

CORONET BRAKE - An Air Force retardation project, cancelled.

CORONET BRASS - An Airlift demonstration.

CORONET BRIDGE - Electronic warfare training kits for foreign military sales.

CORONET BRIEF - Electronic warfare training briefing kits.

CORONET CAPE - Support of a U.S. Navy test by the Air Force.

CORONET CARRIER - A program for national transportation in time of crisis.

CORONET CLAYMORE - Tactical Air Command commanders high frequency single sideband network.

CORONET CLEAR - A joint TAC/AFSC study group which recommended solutions to provide a jam-resistant secure voice communications system for TAC.

CORONET COMMAND - A program to examine C3 relationships in broad front operations.

CORONET DOCTOR - A special Air Force air mission, cancelled.

CORONET DRAGON - A Tactical Air Command operations security program.

CORONET EAGLE - Headquarters Tactical Air Command OBI recall program.

CORONET EAST - Aircraft deliveries to North Atlantic and European Areas, cancelled.

CORONET ECHO - An Air Force program involving RPV/ aerial target drones.

CORONET EXPRESS - Air Force TCA scheduled navigation training flights.

CORONET EXXON - Tactical Air Command redeployment.

CORONET FLICK - Air Force ANG support of reconnaissance tasks, cancelled.

CORONET FLIRT - An Air Force evaluation of the capabilities of F-111 aircraft.

CORONET FOREST - A MAFFS modular airborne fire fighting system.

CORONET GLANCE - An Air Force non-notice inspection.

CORONET GUARDRAIL - Deployment of EC-47 aircraft to USAF Europe.

CORONET HAMMER - Deployment of F-111D aircraft to England.

CORONET HOLIDAY - Use of Holloman AFB by Air National Guard.

CORONET HOOK - Air Force unit deployment.

CORONET HURRY - Deployment of aircraft within the Tactical Air Command.

CORONET JAY - Air Force strike operations plan 100.

CORONET JUDY - An Air Force aircraft deployment program.

CORONET LIGHTNING - Tactical Forces for worldwide employment program.

CORONET LOG - An Air Force rotation program, cancelled.

CORONET LONGLINK - Exchange visits between Air Force and Royal Air Force airlift units.

CORONET MOON - Air Force support to the Apollo program, cancelled.

CORONET NATURE - A natural disaster photo.

CORONET NORTH - Aircraft deliveries to Alaska.

CORONET OAK - C-130 rotation program.

CORONET OPTIC - Reconnaissance support of the Alaskan Air Command.

CORONET ORGAN - Operation conducted by the Tactical Air Command involving flight trails of a drone. The drone was equipped with various ECM (see) equipment including chaff, decoys and jamming gear.

CORONET ORGAN IX - An evaluation of the tactical frequency management system.

CORONET PAR - An Air Force unit deployment program.

CORONET PHOTO - Air Force drop zone photograph operational plan, cancelled.

CORONET PINE - C-130 aircraft rotation to Europe.

CORONET PUNCH - An aircraft deployment program.

CORONET RAINBOW - Air Force survival recovery and reconstitution program.

CORONET REAL - An Air Force program to develop ideas for increasing realism in day-to-day gunnery training.

CORONET RECOIL - A threatened or actual work stoppage.

CORONET REEL - Air Force inspection of Tactical Air Command RTUS, cancelled.

CORONET RESPONSE - Accelerated processing of A-7D spares requirements.

CORONET RIDE - Continuity of operations program.

CORONET RONDO - Tactical Air Command redeployment.

CORONET ROUNDUP - An Air Force program conducted to eradicate screw worm.

CORONET RUBY - The Air Force supplied this electronic warfare range system to Iran so it could train air crews in tactics against simulated Soviet-designed air defenses.

CORONET SABER - A Tactical Air Command deployment program.

CORONET SATELLITE - ADC/SAC satellite support by Air National Guard and Reserve Airlift forces.

CORONET SCORE - A formal security test, cancelled.

CORONET SEARCH - A Tactical Air Command radar support program for air defense of the southern United States, cancelled.

CORONET SHAMROCK - Tactical airlift competition program.

CORONET SIERRA - ADC support for Tactical Air Command unconventional warfare training.

CORONET SLICE - An Air Force unit deployment program.

CORONET SOLO - Airborne electronics components for limited warfare for use aboard Air Force EC-121S aircraft; Quick Reaction Capability-294.

CORONET SOUTH - Aircraft deliveries to Central and South America, cancelled.

CORONET STALLION - A USAF evaluation of the Corsair II aircraft when it entered operation in Vietnam in 1967. Four officers and 21 airmen amassed almost 1,200 hours on the A-7A.

CORONET STEAM - An evaluation and training program in communications and electronics.

CORONET STEED - Air Force concepts for employment of ground sensor technology.

CORONET TASK - ECM support for Tactical Air Command unconventional warfare training.

CORONET THOR - A joint US/West German exercise held in 1974 during which strike RPVs were demonstrated.

CORONET THUD - A practice operational readiness inspection of the 193rd Tactical Electronic Warfare group.

CORONET THUNDERBIRD - Airlift support for the Thunderbird aircraft squadron.

CORONET VOX - A single side-band communication test for Tactical Air Command deployment aircraft.

CORONET WEST - Aircraft deliveries to Pacific Air Force, cancelled.

CORONET WHITE - An operational readiness inspection.

CORONET WIRE - A trailing wire antenna mission program.

COSY - A permanent first word nickname assigned to the Air Force Logistics Command (AFLC).

COUGAR - A permanent first word nickname assigned to the Air Force Accounting & Financing Center (AFAFC).

COUNCIL - A permanent first word nickname assigned to Headquarters USAF (AFBSA).

COUNTER - A permanent first word nickname assigned to the Air Force Accounting & Financing Center (AFAFC).

COVER - A permanent first word nickname assigned to Headquarters Command USAF.

COVERED WAGON - An Air Force up-channel report of actual or probable hostile action.

COVERT STRIKE - An Air Force program to develop technology for bistatic radar.

CRAZY CAT - A related system to CRAZY DOG (see) employing an optical jamming system.

CRAZY DOG - Initial effort on an electronic countermeasures system for light Army aircraft under contract to TRW Systems for jamming enemy battlefield communications from formation. Follow-on effort termed CEFIRM LEADER (see).

CREDIBLE - A permanent first word nickname assigned to Headquarters USAF (AFXDC).

CREDIBLE CHASE - An Air Force testing program in which the service planned to procure 15 Fairchild-Hiller Peacemakers and 15 Helio Stallions for competitive testing prior to selecting one as a light, armed short takeoff and landing gunship for the South Vietnamese Air Force, cancelled.

CREDIBLE COMET - Air Force project to formulate Tactical Electronic Warfare (TEW) operations and to provide for actions required to enhance TEW capabilities.

CREDIBLE CRUSADE - Vietnam Air Force improvement and modernization planning.

CREDIBLE LIGHT - FY70 posture film.

CREEK - A permanent first word nickname assigned to the United States Air Forces in Europe (USAFE).

CREEK ACRE - An Air Force intelligence exchange program.

CREEK ACTION - HQ USAFE relocation to Ramstein Air Base.

CREEK ADMIN - Upgrade of administrative systems in USAFE/DA.

CREEK ALE - Air Force unit rotations.

CREEK AMBER - An increased vigilance program of the Air Force.

CREEK ARROW - Air Force operations ordnance 826-68.

CREEK ASPEN - An Air Force Europe intelligence exchange program.

CREEK BANK - Air Force unit deployment.

CREEK BATH - Air Force communications line.

CREEK BEAVER - Exercise of immediate air request, cancelled.

CREEK BEE - Aircraft deployment, cancelled.

CREEK BLACK - An Air Force normal security program.

CREEK BLAZE - Identification of an Air Force communications line.

CREEK BOLT - A Long Range Aid to Navigation (LORAN) program.

CREEK BOY - A night/day photo program of the Air Force in Europe.

CREEK BRONCO - An Air Force program which is classified.

CREEK BUFF - An Air Force classified program.

CREEK BULLET - A munitions enhancement program and special study.

CREEK CAP - A 17th Air Force operations ordnance, cancelled.

CREEK CASTLE - A classified Air Force intelligence program.

CREEK CHART - A classified Air Force program.

CREEK CHECKMATE - Periodic deployment of a mobile radar facility (TAGS), cancelled.

CREEK CLAW - A classified intelligence project.

CREEK COIN - A classified intelligence program.

CREEK CORPS - Tactical Air Command reconnaissance in the Federal Republic of Germany.

CREEK CROW - An Air Force aircraft deployment program.

CREEK CRUISER - An Air Force medical UHF command and control network.

CREEK DAWN - An Air Force classified intelligence project.

CREEK DEALER - Coordination procedures in support of USAFE operations plan 4607.

CREEK DELTA - Air Force Europe all-weather bombing capability.

CREEK DIAMOND - Coordination of Air Force regulation 60-16.

CREEK DIRECT - Official Air Force mail processing system.

CREEK DIRK - F-5E aggressor squadron activation.

CREEK DIXIE - A communication circuit cover name.

CREEK DONKEY - Name of an Air Force aircraft.

CREEK DOOR - An Air Force intelligence project.

CREEK DORA - An Air Force ECM training program, cancelled.

CREEK EAGLE - An F-15 tour.

CREEK EARS - A European initial operational test and evaluation of the Air Force security system COMPASS EARS (see).

CREEK ENERGY - An energy conservation program.

CREEK ENSEMBLE - Special uniforms for USAFE logistics units.

CREEK FALCON - Identification of the KC-135 tail number 638020.

CREEK FIRE - Individual technical electronic systems.

CREEK FLASH - Immediate action mail for commanders, cancelled.

CREEK FLEA - An airlift support mission.

CREEK FLUSH - An Annex A USAFE operations plan 4607.

CREEK GLASS - An Air Force Tactical Electronic Receiver (TEREC) demonstration, cancelled.

CREEK GLITTER - An Air Force emergency destruction plan.

CREEK GRAB - An Air Force classified intelligence project.

CREEK GRASS - An Annex A USAFE operations plan 4607, cancelled.

CREEK GRAVEL - A USAFE GOS Forward Air Controller field mission, cancelled.

CREEK HAT - An interim ECM support forces program, cancelled.

CREEK HATRACK - A test of the capabilities of reconnaissance and intelligence communication facilities.

CREEK HELP - A classified Air Force intelligence project.

CREEK HERCULES - USAFE operational ordnance 824-68.

CREEK JET - NATO southern region reconnaissance operations, cancelled.

CREEK JUMPS - Air Force support of the Joint Uniform Military Pay System.

CREEK KNIFE - USAFE program plan 4707-71, cancelled.

CREEK LINK - USAFE secure airlift control and communication system.

CREEK MAGPIE - An Air Force intelligence project.

CREEK MAID - A technical electronic system of the Air Force.

CREEK MAMBO - USAFE operations plan 4320.

CREEK MANGO - A sensitive Air Force intelligence project.

CREEK MISTY - Report procedures support of USAFE operations plan 4607.

CREEK MISTY - Support program associated with COBRA MIST (see).

CREEK MOSS - Individual technical electronic systems.

CREEK NAIL - An interim PAVE SPIKE program.

CREEK OFFSET - Aircraft employment.

CREEK PARTY - Deployment and redeployment of Air National Guard KC-97L aircraft.

CREEK PEBBLE - Identification of a communications line.

CREEK PHANTOM - TFW operations ordnance 890.

CREEK PICADOR - USAFE operations plan of air defense training in Spain, cancelled.

CREEK PINCH - A project involving direct support of a non-USAF agency.

CREEK PLOY - A munitions loadout program, cancelled.

CREEK PLUM - Aircraft shelter modifications to accommodate the F-15.

CREEK POINT - Deployment of ground directed bombing system to USAFE, cancelled.

CREEK PORT - Identification of an Air Force communications line.

CREEK POST - An Air Force intelligence project.

CREEK RAIL - An operations ordnance 4873 of the USAFE.

CREEK RAIN - USAFE operations plan 4607.

CREEK REACH - Air Force support of a Strategic Air Command order 60-72-05.

CREEK RECOIL - The recall of 52TFW aircraft on a local training mission.

CREEK RED - Selective Air Force posting.

CREEK RIB - A program to provide the U.S. European Command (USEUCOM) with information of an operational nature. USAF furnishes equipment, logistics, and engineering support. Most countries provide real estate, operating personnel, and collection results. The project called for dismantling Loran sites in the Western U.S. and relocating them in West Germany; it involved three transmitters and a monitor site.

CREEK ROAD - A special Air Force special purpose aircraft.

CREEK ROCK - An individual technical electronic system of the Air Force.

CREEK ROOST - Recall of tactical aircraft on a local training mission.

CREEK RUBY - Reconnaissance operations plan of the Air Force.

CREEK SABER - USAFE programming plan 4706-70, cancelled.

CREEK SABER II - USAFE programming plan 4751-74.

CREEK SAND - Air Force individual technical electronic systems.

CREEK SAVIOR - An Air Force emergency refueling of tactical aircraft plan.

CREEK SCOPE - A USAFE radar bombing competition, cancelled.

CREEK SCORPION - A classified Air Force intelligence project.

CREEK SILVER - Operational support to USAFE operations plan 4607.

CREEK SNAKE - Special Air Force airlift operations.

CREEK SUNSHINE - Reconnaissance operations from Aviano Air Base, Italy, cancelled.

CREEK SWAP - USAFE/USAREUR exchange of facilities.

CREEK TALLY - Weapons training operations at USAFE weapons training sites.

CREEK TALON - T-38 aggressor squadron activation, cancelled.

CREEK TONI - Operation of rotational C-130 aircraft in Turkey.

CREEK TRAP - An Air Force close air support program, cancelled.

CREEK TROY - Tactical air support operations within the Air Force.

CREEK WAGON - Classified Air Force special equipment.

CREEK WATER - Identification of Air Force communication line.

CREEK WAVE - Air Force anti-ship warfare training.

CREEK YUCCA - An Air Force intelligence collection project.

CRESTED - A permanent first word nickname assigned to Headquarters USAF (AFOAP).

CRESTED ALLIGATOR - Identification of a U-1 aircraft.

CRESTED CAP III - USAF participation in the Reforger III (see) exercise.

CRESTED CLASP - Air Force support to the Apollo/Soyuz mission.

CRESTED DOVE - Special B-52D/F aircraft and AGM-28B missiles.

CRESTED DRAGON - Air Force chemical and biological munitions capability and equipage.

CRESTED FALCON - Non-nuclear munitions capabilities and equipage.

CRESTED ISLE - A base development program.

CRESTED ROOSTER - Air Force project involving a variety of telemetry equipment including a telemetry receiver, multicoupler, oscillograph,

crystal oscillator and recorder-reproducer.

CRESTED SKY - Air Force support to Skylab program, cancelled.

CREW - A permanent first word nickname assigned to the Air Force Technical Applications Center (AMC).

CREW BALL - Ground operations in support of CREW DRIVER program.

CREW BRAVO - An Air Force worldwide diagnostic collection operation.

CREW COP - Research measurements at selected sites, cancelled.

CREW DICE - Domestic airborne operations in support of HQ USAF.

CREW DRIVER - Overall AFTAC operations in the South Pacific.

CREW MARK - AFTAC worldwide surface collection operation.

CREW STAR - Air Force special operations program.

CREW TIME - Simulated unattended operations at selected sites, cancelled.

CRISPY - A permanent first word nickname assigned to the Military Airlift Command (MAC).

CROSS EARS - A program that uses a Univac 1830 computer and supports electronics security while also having application in national intelligence missions.

CROSS JADE - A program that uses a PDP-1160 computer and supports electronics security while also being applicable to national intelligence missions.

CROSS LEGS - A ground-based surveillance and early warning radar which the Chinese Communists developed.

CROWFOOT - A permanent first word nickname assigned to Headquarters Air Force Reserve (AFRES).

CROWN HELO - Classified Navy program in research and development.

CRY PIE - Army development involving a 155 mm projectile armed with tear gas.

CRYSTAL - A permanent first word nickname assigned to the Alaskan Air Command (AAC).

CUTLASS SPIRIT - A classified Marine Corps program.

CUTTY SARK - A highly classified Navy program under the Naval Electronics Systems Command with GTE as prime contractor.

DANCING DOLLS - Defense Advanced Research Projects Agency project, also known as NIGHT LIFE, which developed Low Light Level TV systems with a laser illuminator as part of the Army's overall night reconnaissance and surveillance program.

DARK EAGLE - A DARPA project to provide support for operational units in finding targets at night.

DECK ROOF - A project of the National Security Agency executed by

Honeywell Aerospace, involving automated technical control using computerized monitoring of communication networks for fault

DEEP DISH - Naval Ordnance Lab project including unmanned, deep-sea diving assemblies capable of taking tons of equipment to the bottom of the sea and returning after a pre-set time with recorded data.

DEEP DUNK - A surface signal processing computer for use by the Naval Undersea Warfare Center.

DEEP FREEZE - A Naval operation in Antarctica.

DEEP FURROW - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

DEEP HOLE - An Air Force project to measure earth strain readjustment. ADL is one contractor.

DEEP JEEP - A two-man oceanographic research vehicle built by the Naval Ordnance Test Station which can operate at depths of 2,000 feet for four to six hours. Operated by the Scripps Institute of Oceanography.

DEEP JULIE - A program conducted by the Naval Ordnance Laboratory/White Oak. Operations Research Inc. performed analysis studies.

DEEP LOOK - A submarine/surface ship self-protection system using laser technology to extend range and reliability of underwater laser ranging.

DEEP OCEAN - NASA/Goddard procured four DEEP OCEAN radio frequency recovery buoys from Benthos/ North Falmouth, MA in December 1970.

DEEP QUEST - Lockheed-built submarine for oceanographic research and search and rescue operations. Capable of operating at 8,000 ft. for 48 hours; four-man crew.

DEEP VIEW - A Navy project tested at the Southwest Research Institute consisting of a six foot-long steel cylinder with glass hemispheres at each end. Due to the way the hemispheres bend light, almost a 360-degree view is possible from either end.

DIABLO HAWK - A 1978 underground test by the Defense Nuclear Agency to include hardness evaluations of some major weapons systems and many technology experiments relating to System Generated Electromagnetic Pulse effects and EMP.

DIAL PACK - Program for a series of blast and shock experiments conducted by scientific teams from the U.S., Canada, United Kingdom and Australia.

DIAMOND DUST - A DARPA project which dealt with nuclear explosions underground.

DIAMOND ORE - A major research program to provide the Army with accurate data on cratering prediction methods when using high explosives.

DIAMOND SCULLS - FY 1973 Department of Defense underground, nuclear weapons effects test.

DICE THROW - A high explosive field test program to simulate the effects of nuclear weapons on a large array of experimental test items.

DIDO QUEEN - FY 1973 Department of Defense underground, nuclear weapons effects test.

DIE TOOL - FY 1974 Department of Defense underground, nuclear weapons effects test.

DINING CAR - A classified experimental system being developed by Lockheed Missiles & Space Company for the Defense Nuclear Agency. (ES)

DISTANT PLAIN - High explosive test series, non-nuclear, conducted in 1966/67 under a joint U.S./Canada/U.K. program of blast and shock experiments. A related series of tests included DISK SAILS (surface/subsurface) and DISTANT WATER (underwater).

DISTANT RUNNER - A White Sands Missile Range project to test the ability of third-generation aircraft shelters to withstand attack by missiles and other explosive weapons.

DIVE UNDER - A joint Navy/DNA program to develop and construct a large shock platform for simulation of nuclear weaponry on ships. It is a follow-on to Sailor Hat (see).

DIXIE CUP - A Ford Aerospace & Communications development of a ballistic missile penetration aid in the form of a metallic re-entry vehicle-shaped decoy that would radiate electronic jamming signals before the ICBM enters the earth's atmosphere. Development conducted under the Air Force's Advanced Ballistic Re-entry Systems (see) program.

DOLD DROP - Military Airlift Command multi aircraft tactical airdrop training, cancelled.

DOLLY VARDEN - A type of submarine dome.

DORIS BEARTRAP - A modular acoustic processing system. A Naval Air Development Center project involving Interstate Electronics/Anaheim.

DOUBLE ALPHA - The system (AN/ALQ-141) is a towed body to perform surveillance and/or sweep missions against known new concept enemy mine mechanisms that pose a significant threat to FBM-type submarines.

DOUBLE EAGLE - See IGLOO WHITE.

DOUBLE STEAL - Command and control system for security service aircraft and part of the Air Force's 483L Digital Communications System.

DOVER DEVIL - A heavy general-purpose machine gun being developed by the US Army Research and Development Command to replace the 1917-vintage .50 caliber Browning as an anti-personnel, anti-light armor and anti-aircraft infantry weapon.

DRAGON TEAM 4-80 - An Army-Air Force exercise to demonstrate the strategic potential of the Rapid Deployment Force by airlifting 2,374 paratroopers from Pope AFB, NC, and dropping them in a single pass at Eglin AFB, FL.

DRUID GROVE - A classified Army program involving evaluation of foreign components, in the FY75 RDT&E budget.

DUEL BLADE - An early name for the Vietnam "electronic fence" which evolved into the Automated Battlefield concept involving battlefield surveillance sensors and associated munitions. It was the Army portion of the remote sensor network. Other related programs are PRACTICE NINE, IGLOO WHITE and DOUBLE EAGLE.

DUST HARDNESS - A modification improvement to Minuteman III approved for

service use in 1972.

EAGLE EYE - A configuration of the LTN-51 inertial navigational unit manufactured by Litton Systems Inc. / Woodland Hills, CA. Modification work on the unit was funded by ASD. (ML and EO)

EAGLE EYE III - An electro-optical sensor developed by Air Force Avionics Laboratory engineers that gives pilots a radar display of approaching aircraft for identification and target acquisition. (ML and EO)

EARLY BIRD - Communications satellite manufactured by Hughes, designated HS-303, a version of its SYNCOM 2, Synchronous Communications, satellite used by the Communications Satellite Corporation to initiate its interim system. Early Bird-1, formally designated INTELSAT-1 (International Telecommunications Satellite), was the world's first commercial communications satellite. (MS)

EARLY SPRING - An early Navy anti-satellite concept which would have employed submarine launch of a missile fired to altitude where it would hover up to 90 seconds while waiting for the target to approach.

EARLY START - An Air Force project for a blunt-end internally-carried bomb.

EGYPTIAN GOOSE - A DARPA study to determine the feasibility of suspending a surveillance radar from a tethered balloon over a combat area to get a close look at well-defended enemy positions as a substitute for exposing a manned observation aircraft to hazardous gunfire. It is also used to detect incoming unidentified aircraft.

EIGHT BELLS 79 - One in an annual series of regional command post exercises designed to examine the command and control procedures of the Joint Chiefs of Staff and selected unified and specified commands under simulated crisis/combat conditions. EIGHT BELLS 79 was to have been held in the Korean area with South Korean participation but was postponed.

EIGHTH CARD - Program for testing tactical military applications of lasers, especially short-range uses. The program is now called THERMAL WEAPONRY. (ES)

ELECTRIC BRICK - An electronic heat source version of HOT BRICK infrared countermeasures system being developed by the Navy with Sanders Associates.

ELECTRONIC FENCE - DOD program to create an electronic barrier across the Demilitarized Zone (DMZ) in Vietnam consisting of various anti-intrusion devices, detection and warning systems; it became the Automated Battlefield (see).

EMBER DAWN - A Joint Chiefs of Staff (JCS) directed and coordinated exercise.

END GAME - Two efforts have been identified under this code name. The first is a DARPA/Army Missile Command program involving evaluation of aircraft equipped with advanced weapons; the second involves a Naval Weapons Center RFP for the design and fabrication of an END GAME simulator and optical system to be used for simulating a missile seeker's range closure on a target.

ENHANCE PLUS - A project related to supplying aircraft and equipment transfers from other countries to Vietnam.

EXOTIC DANCER - Joint exercise involving Navy, Army, Marine and Air Force units.

FACE LIFT - An Air Force recovery procedure.

FACE MASK - A three-day amphibious reconnaissance exercise held off the coast of Okinawa for the Marines.

FAIR MEASUREMENT - An Army program related to the Anti-Missile Program.

FAIR OAKS - Navy submarine signal processing set, the AN/WYQ-1.

FAMILY MAN - See COLLEGE MEN.

FAST FLY - See COMBAT PACER.

FAT ALBERT - A 2,500 lb. bomb that uses the Walleye (see) optical guidance package.

FIRST LOOK - A test conducted under Project CLOUD GAP a joint project of the U.S. Arms Control and Disarmament Agency (ACDA) and DOD, with the Air Force functioning as the program manager to monitor missile production from a site located in England; a second test was scheduled.

FLAMING ARROW - An Army project under the Army Communications and Electronics Materiel Readiness Command.

FLAMING LANCE - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

FLARE SCAN - A ground transmitter and airborne receiver. They were used by the Air Force in conjunction with experiments on instrument landings.

FLINTLOCK THREE - A Joint Chiefs of Staff coordinated exercise.

FLOATING FLARE - An Army research and development program involving 40 mm ordnance. Aberdeen Proving Ground has negotiated with Northrop Carolina Inc./Ashville, NC for work.

FOG CUTTER - A DARPA air-to-air guidance system.

FORESIGHT SIERRA - A communications system under development by the Army electronics Command for which Ford Aerospace & Communications received contracts.

FOREST GREEN - A classified Air Force intelligence and communications program.

FORWARD PASS - A buried ground sensor which transfers information to aircraft for targeting. A Naval Air Development Center project.

FORWARD PASS - Program to provide over-the-horizon targeting through radar-equipped aerial platforms for a new 600-mile-range ramjet-powered missile against hostile targets.

FORWARD TALK - Joint Airborne Command Post.

FOUR EYES FLINTSTONE - A radar system installed at Rome Air Development Center.

FOUR WHEELS - Air Force system using the AN/TSQ-47 traffic control system built by RCA.

FOX HALL - Classified airborne tactical communications equipment; may be related to a National Security Agency requirement.

FREEDOM TORCH II - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

FREEDOM VAULT - Field exercise held in March 1971 in The Republic of Korea to demonstrate the capability to deploy Strike Command (USSTRICOM) units to an overseas area rapidly.

GALLANT HAND - A large scale joint-service training exercise held in 1972 at Fort Hood at which 23,000 soldiers and airmen participated.

GALLANT KNIGHT - A command post exercise of the Rapid Deployment Force.

GALLANT SHIELD - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

GAME WARDEN - The name for the use of helicopters in Vietnam.

GENTLE WIND - A Joint Chiefs of Staff coordinated exercise.

GET WELL - A program on Tartar/Terrier/Talos to improve deficiencies in missile ships already built or under construction.

GHOST CABIN - A BMEWS monitor tanker route.

GHOST RIDER II - An Air Force drone contingency plan.

GHOST WALK - Operational tests by the Air Force of the Quail missile (ADM-20).

GIANT AX - Air Force implementation of a security plan.

GIANT BALL - An Air Force Airborne Command Post (ABNCP) ALCC exercise.

GIANT BALLOON - A track from Seattle, WA to Battle Mountain, NV.

GIANT BEAM - A Strategic Air Command evaluation of the APS-23 and ALT-6B system.

GIANT BEAR - An SR-71 refueling support system worldwide.

GIANT BID - Utilization of electronic reconnaissance equipment.

GIANT BLAZE - Strategic Air Command flare employment program.

GIANT BRACKET - Strategic Air Command operational test and evaluation of B-52 cell tactic.

GIANT CANE - Strategic Air Command exploitation of electronics system 32B.

GIANT CHERRY - An Air Force terrain avoidance calibration program.

GIANT COMBO - Strategic Air Command operational test and evaluation of an ECM test and flight plan.

GIANT DEAL - A Strategic Air Command training operation.

GIANT DUEL - Operational test and evaluation of QRC ALT-22 and QRC ALT-6 systems.

GIANT EAGLE - A program to divert ARC light recovery (NAFTAN bombing

range).

GIANT ELK - An SR-71 reconnaissance worldwide program.

GIANT FISH - Aerial operations for atmospheric sampling.

GIANT FLASH - An over-the-target motion picture documentation.

GIANT FOOT - An Air Force missile launch without instrumentation.

GIANT FOX - An operational readiness inspection exercise from ICBM units.

GIANT HAND - Air Force return of aircraft from depots.

GIANT LANCE - Selective employment of air ground alert forces.

GIANT LEAP - An SR-71 reconnaissance operation.

GIANT MATCH - Strategic Air Command program involving the B-52 aircraft and the AN/ALR-18 system.

GIANT MOON - Test program for emergency rocket communications system.

GIANT MOVE - A test of B-52 Tactical Air Command maneuver and flight plan.

GIANT NAIL - Operational employment of U-2 aircraft in Southeast Asia.

GIANT NET - An Air Force exercise recall after execution.

GIANT OPPONENT - A bomber defensive formation test.

GIANT PATRIOT - The code name describes an operational base launch program of test flights of Minuteman II missiles. The program was terminated by Congressional edict in July 1974.

GIANT PLATE - An SR-71 contingency plan.

GIANT PLOW - An Air Force Minuteman launcher closure test program.

GIANT PRIZE - Identification of Strategic Air Command operational test and evaluation of AN/ALQ-16 T-2 flight plan.

GIANT PROFIT - A Minuteman modified operational missile test plan.

GIANT QUEST - An SR-71 stateside base contingency operation.

GIANT RALLY - The capability for conducting strikes in the post attack era.

GIANT REACH - An SR-71 overseas based contingency operation.

GIANT ROAR - Limited range operational base launches.

GIANT ROOF - A missile communications improvement program.

GIANT SCALE - An SR-71 contingency plan.

GIANT SHADOW - A Strategic Air Command operational test and evaluation of a tactical chaff test and flight plan.

GIANT STAGE - An Air Force tanker task force operation at March AFB, CA.

GIANT STEP - An Air Force special radio traffic program.

GIANT STRIDE - Strategic Air Command bomber participation in ECM terminal testing.

GIANT TASK - An Air Force special reconnaissance mission.

GIANT THRUST - A specific guidance conducting security vulnerability test.

GIANT VIEW - An Air Force program involving the NUDETS missile surveillance technology program.

GIANT VIPER - a British trailer designed to blast a passage for vehicles through a minefield. It is towed by a tank, APC or special tractor. It is now on standardization loan to the US Army under the International Materiel Evaluation Program.

GIANT VOICE - The 1971 Strategic Air Command Bombing and Navigation Competition at McCoy AFB, Orlando, FL.

GIANT WAVE - A SAC (Strategic Air Command) exercise involving two B-52D aircraft.

GIGANTIC CHARGE - Program to notify NORAD of all or part of strategic integrated operational plan (SIOP) targeting for Minuteman.

GIGANTIC JAM - Testing by the Tactical Air Command of ALT-28 electronic countermeasures equipment.

GIN ANDY - Code name reference to the AN/FPN-16 navigational radar set built by ITT for the Air Force and used at air bases in fixed sites.

GIN PLAYER - SAC tests of Minuteman missile for identification and execution.

GINGER CUP - A Strategic Air Command strike mission in Southeast Asia.

GIPSY FAN - Peacetime aerial reconnaissance program of Strategic Air Command.

GIRDLE STRAP - An Air Force degree of exercise play intentions program.

GLAD NEWS - Identification of a specific location within Strategic Air Command.

GLAD NOTICE - An Air Force Practice launch exercise.

GLAD RAGS - A Strategic Air Command program restricting commanders to base.

GLAD SPREE - B-52 aircraft deploying and redeploying from Andersen AFB, Guam

GLAMOR GIRL - A program to move SR-71 aircraft to Europe.

GLASS BLADE - A Strategic Air Command tactical aircraft dispersal exercise.

GLASS DISPLAY - Strategic Air Command operational test and evaluation of B-52 equipment.

GLASS EYE - A Strategic Air Command program.

GLASS KEY - Strategic Air Command KC-135 aircraft operating to and from Taiwan.

GLASS NOZZLE - An Early Warning monitor for the Thule BMEWS site.

GLASS ORGAN - Strategic Air Command support of an annual training exercise using KC-135 aircraft.

GLASS POINT - A Strategic Air Command route to and from the Spanish Atlantic.

GLASS RING - A project within the Air Force Quick Reaction Capability (QRC) program (see).

GLASS SHIELD - A program to identify Strategic Air Command operational test and evaluation of B-52 electronic countermeasures equipment.

GLOBAL SHIELD - An annual exercise for units of the Strategic Air Command.

GLORY ROAD - An exercise term for a specified Strategic Air Command message.

GLORY TRIP - Strategic Air Command operational test launches of ICBM missiles.

GLOWING BEAM - A Strategic Air Command program to identify the operational test and evaluation of a B-52 radar modification.

GLOWING FIRE - A joint test directive.

GLOWING HEAT - The 15th Air Force support program to the Strategic Air Command.

GLOWING IRON - The exercise of a preplanned force positioning.

GLOWING LAMP - A SAC (Strategic Air Command) test of the Titan 2 missile.

GLOWING SCOPE - An Air Force program involving jamming bomber navigation and terrain avoidance systems.

GOLDEN RAY - A classified ECM (Electronic Countermeasures) project.

GOOSE BAY - Lowell Technological Institute Research Foundation worked on this study for the Air Force.

GRAND COMMANDER - An early variant of the Rockwell Shrike Command (see).

GRAND SLAM - A version of the SLAM (see) missile system which could go on ships of destroyer size and larger; an underwater-to-surface missile.

GRASS BLADE - A classified Army research and development program in advanced development.

GRAY ROCK - An Army Missile Command seeker.

GREEN ELEPHANT - A classified USMC (Marine Corps) project. Also called TSQ-89.

GREEN GRASS - A highly-classified NSA (National Security Agency) program with Honeywell-Orlando and RCA involved.

GREEN HORNET - An Air Force effort to develop a booster with a "Shrouded Agena" to support payloads nearly 10 feet in diameter, twice the current size. McDonnell Douglas is working on this project for NASA. (MS)

GREENER PASTURES - An Army program for using Raytheon Hawk boosters with a

1,000 lb. bomb warhead with twice the range of the non-nuclear Lance, using the Lance launcher and distance measuring equipment.

GREENLAND SEA - The University of Washington conducted studies on this project for the Navy.

GUARDIAN EAGLE - An Air Force project under Aeronautical Systems Division. It is a classified design feasibility study of an infrared sensor on an aircraft.

GYPSY DANGER - A classified CNO (Chief of Naval Operations project supported by Rewson). (see)

HACIENDA - A permanent first word nickname assigned to the Office of Aerospace Research (OAR).

HALCON VISTA - A JCS (Joint Chiefs of Staff) exercise.

HALLMARK - A permanent first word nickname assigned to HQ Air Force Reserve.

HAMMER - A permanent first word nickname assigned to the Air Force Communications Service (AFCS).

HAMMER ACE - A rapid response communications team equipped with secure/protected voice, hand-held radios with base station repeater, ground to air, secure record communication.

HAMMER ANTRAN - Alignment of transmission lines and antenna system within the Air Force Communications Service.

HAMMER BOSS - A three-dimensional mobile communications system, cancelled.

HAMMER CHARLIE - An Air Force Communication Service program, cancelled.

HAMMER DRAW II - Immediate action reassignment of personnel within the Air Force Communications Service.

HAMMER ECHO - The in-garrison training network between mobile communications groups.

HAMMER HANGER - Communications failure on the northern area troposcatter system, cancelled.

HAMMER PLUG - A satellite communications support program.

HAMMER RALLY - A Mediterranean Troposcatter Communications System, part of the Air Force Communications Service carrying the system No. 486L.

HAMMER STRIKE - A program to activate mobile Air National Guard communication units, cancelled.

HAMMER TEAM - A tactical engineering and evaluation program, cancelled.

HAMMER TRAFFIC - An improvement program for air traffic control communications.

HAMMER WHEEL - A mobile communications resources reallocation program.

HANDY - A permanent first word nickname assigned to the Aeronautical Chart and Information Center (ACIC).

HARDY - A permanent first word nickname assigned to the Air Force

Logistics Command (AFLC).

HARVEST - A permanent first world nickname assigned to HQ USAF (AFSDC).

HARVEST BARE - A bare base equipment program.

HARVEST EAGLE - A precursor to BARE BASE (see) involving basic equipment for putting together a portable air base for installation at locations with an air strip and water.

HARVEST PEOPLE - A logistics career management action plan.

HARVEST REAPER - The Air Force name for the operation of the original six General Dynamics F-111A aircraft sent to Vietnam for combat evaluation in March 1968. It was also named COMBAT LANCER.

HARVEST STAMPS - Standardized air munitions packages for Air Force aircraft.

HARVEST WHEELS - A reserve vehicle pool under Air Force Logistics Command management.

HAST PLUME - An injection infrared augments concept.

HASTY - A permanent first word nickname assigned to the Air Training Command (ATC).

HASTY AID - An officer training school recruiter assistance program.

HASTY BLUE - An Air Force plan for centralized selection of students for UPT.

HASTY CHARGER - A program to accelerate leadership development of select officers.

HASTY FIRE - An Air Force program to extend the life of T-37 aircraft.

HASTY HAWK - Identification and selection of squadron commanders.

HASTY JAMMER - An Air Force Air Training Command requiring operational capability, cancelled.

HASTY LAD - A quick logistics automated data program.

HASTY PIPER - Air Force temporary duty in recruiting offices.

HASTY POINTER - A priority support of USAF advertising program.

HASTY STAG - Air Training Command operations center alert notification.

HASTY TORO - An Air Force contingency team.

HASTY UPDATE - A long range update of Air Training Command electronic warfare training, cancelled.

HAVE - A permanent first word nickname assigned to the Air Force Systems Command (AFSC).

HAVE ACCENT - A foreign technology collection program of the Air Force Systems Command.

HAVE ACORN - Air Force Aeronautical Systems Division support of the Lightweight fighter prototype aircraft.

HAVE ACRE - The exercise of Electronic Systems Division warfare plans, cancelled.

HAVE ACT - Exploitation of a foreign aerospace system (AA52).

HAVE AEOLUS - An Air Force Cambridge Research Lab program, cancelled.

HAVE AGONY - The acquisition of foreign electronic research and development data by the Air Force Systems Command.

HAVE ALADDIN - A study of the atmospheric layer's density distribution of ion neutrals, cancelled.

HAVE ALIBI - An early program associated with the interdiction of enemy infiltration.

HAVE AUGER - An Air Force project dealing with development of lenses for Low Light Level Television (see LLTV).

HAVE BAIL - Flight tests associated with the AN/TPS-44 radar set, used in the Air Force's 407L Tactical Air Control System (see TACS).

HAVE BAIT - Exploitation of foreign communications equipment.

HAVE BALANCE - An argon laser, cancelled.

HAVE BALLAST - An improvement program for the Air Force's Range Instrumentation Ships.

HAVE BALM - Air Force Systems Command program for techniques and systems used to overcome the capability for enemy anti-aircraft artillery installations.

HAVE BAND - Studies by the Air Force of possible laser applications.

HAVE BAR - An Air Force Systems Command Ruby Laser, cancelled.

HAVE BASE II - Exploitation of electronic equipment.

HAVE BATTLE - Exploitation of ordnance, cancelled.

HAVE BELL - Support of an advanced medium STOL prototype aircraft by Aeronautical Systems Division.

HAVE BIG II - A composite collection system.

HAVE BIRD - Air Force exo-atmospheric radiation detection system studies under Project 647F.

HAVE BLOCK - An Air Force contingency collection system.

HAVE BLUE - Defense Advanced Research Projects Agency project related to the stealth bomber.

HAVE BOARD - Flight tests of equipment associated with the Advance Ballistic ReEntry Systems (see ABRES), exploiting the foreign 80 mm rocket DAA-720.

HAVE BOAT - See HAVE BOARD

HAVE BOOK - Aerospace technical intelligence orientation courses.

HAVE BOUNCE - Air Force program to determine behavior of different

aircraft when operating over various types of runway repairs and to determine the degree to which repairs must be made to permit aircraft operations.

HAVE BOWL - A specific intelligence collection system.

HAVE BOY - A fixed ground-mounted telemetry acquisition system.

HAVE BRACKET - Weapon system acquisition and employment associated with the Air Force Quick Reaction Capability (QRC) program.

HAVE BRIDGE - Air Force Systems Command assistance of technical specifications, special equipment and technology analysis.

HAVE CAB - A phased array radar system developed by Air Force Systems Command.

HAVE CABIN - Exploitation of a foreign laser rod system.

HAVE CABLE - Technique used to jam Soviet infrared guidance systems on Atoll air-to-air missiles.

HAVE CABLE - Air Force Systems Command specific application of an optical technique, cancelled.

HAVE CAKE - Air Force exploitation of an ordnance system.

HAVE CAN - Air Force Systems Command exploitation of electronic equipment.

HAVE CAR - Air Force Systems Command reposturing actions.

HAVE CARGO - Air Force Systems Command exploitation of an ordnance system.

HAVE CHARITY - Program involved fabrication and installation of specialized airborne optical instrumentation systems, cancelled.

HAVE CHECK - A computerized file of Soviet Bloc scientific and technical personnel and their facility relationships located at the Foreign Technology Division, Wright-Patterson AFB, Ohio.

HAVE CLUTCH - Weapon system acquisition and employment associated with the Air Force Quick Reaction Capability (QRC) program.

HAVE COFFEE - Airborne measurement of ballistic missile radiation, cancelled.

HAVE CREED - Air Force Systems Command exploitation of an ordnance program, cancelled.

HAVE CREED II - Exploitation of a foreign munitions system.

HAVE CUBE - Exploitation of a foreign radar system, cancelled.

HAVE CUP - Air Force project involving the Armaments Division and Sperry.

HAVE CURVE - Radar interference reports in the Far Eastern area.

HAVE DART - A code name applied to a classified project to development unidentified hardware on a "quick reaction" basis for use in Southeast Asia by the Air Force. Was probably electronic countermeasure or recon device.

HAVE DEGREE - Exploitation of a Soviet stainless steel ingot. HAVE DEPTH -

Air Force Systems Command television site B.

HAVE DETOUR - Air Force Systems Command TV recording processing facilities and projects.

HAVE DOG - Air Force Systems Command TV site A.

HAVE DOOR - Exploitation of a foreign R&D materiel program. HAVE DYE - Exploitation of foreign laser crystals.

HAVE EAGLE - A scientific and technical exploitation program.

HAVE EDGE - An Air Force Electronic Systems Division proposal for an operational effectiveness test facility program that would simulate the total effect of enemy weapons working in conjunction with one another in a given situation to see who would have the edge. At present existing facilities only provide for one-on-one situations, cancelled.

HAVE EDUCATION - Exploitation of two foreign electronic and ordnance components.

HAVE EEL - An improvement of the defensive capability for Air Force B-52 aircraft.

HAVE EFFORT - Air Force Systems Command evaluation of certain components program.

HAVE ELDER - Exploitation of a foreign weapons system.

HAVE ELK - Evaluation of equipment by the Air Development and Training Center. -

HAVE EMBLEM - The QRC-74-02 electronic warfare support program. See QRC.

HAVE ENAMEL - A radar return measurements system of the Air Force Systems Command, cancelled.

HAVE EXIT - An Air Force program involving modifications to the ALQ-131 electronic countermeasures system. It has high priority to counter a newly detected, classified threat.

HAVE EXPRESS - A communications check and exercise of command emergency alerting procedures.

HAVE EYES - Air Force Systems Command trade fairs and technical conferences.

HAVE FAITH - An atmospheric research program conducted by the Air Force's Eastern Test Range (see ETR).

HAVE FAULT - A personnel detector, probably developed for use in Southeast Asia by Air Force Systems Command.

HAVE FEAST - Exploitation of foreign air defense weapons systems associated with the Air Force Quick Reaction Capability (QRC) program.

HAVE FERRY - Exploitation of a foreign aerospace system.

HAVE FIDDLE - An electronic components acquisition program.

HAVE FIELD - A forward-scatter high-frequency collection program under the development of the Air Force.

HAVE FILE - An Air Force instrumentation ship.

HAVE FIRE - Exploitation of foreign fuzes.

HAVE FLARE - Exploitation of a foreign radar system.

HAVE FLASK - Exploitation of pieces of a foreign aircraft engine, cancelled.

HAVE FLAVOR - Exploitation of hardware by the Air Force Systems Command, cancelled.

HAVE FLOOD - Acquisition of foreign military equipment.

HAVE FLY - SAMSO support of the Navy C-4 program.

HAVE FOAM - Exploitation of a foreign aircraft wing structure.

HAVE FOCUS - A program to test the feasibility of a low cost, miniature harassment drone equipped with a passive radio frequency sensor and a fragmentation warhead capable of homing in on and destroying an enemy mobile radar. Request for industry proposals for development of a low cost drone, known as the Locust, were issued in mid 1979.

HAVE FORCE - Modification of the F-111A aircraft to the EF-111A configuration.

HAVE FOX - A technical intelligence program concerning the Republic of Korea.

HAVE GAMBIT - Exploitation of an ordnance program, cancelled.

HAVE GAME - A Soviet and Free World laser weapons program.

HAVE GARDEN - Exploitation of a foreign aircraft.

HAVE GENIE - An Air Force Systems Command geophysical experiment.

HAVE GIRT - Air Force Quick Reaction Capability program (QRC-493).

HAVE GLINT - Exploitation of a military hardware program.

HAVE HALO - An aerospace equipment evaluation program by the Air Force Systems Command.

HAVE HAUL - A special purpose signal analyzer.

HAVE HEAR - A radar program for electronic warfare laboratory and flight test.

HAVE HEART - An ABRES hydrometeor erosion program.

HAVE HEAT - Exploitation of a foreign radar system.

HAVE HEMP - Immediate procedures to cease operation of certain ECM equipment.

HAVE HOOD - Exploitation of military hardware.

HAVE HOP - Name given to an exercise studying clear air turbulence and conducted by FAA, NASA, USAF and other agencies at Wallops Island, Virginia.

HAVE HORN - Modified J-79-15 engines to a J-79-71A configuration for the F-4E jet, to reduce costs.

HAVE HORSE - A technological development program relevant to aerospace vehicle reentry system employed by the Soviet and Peoples Republic of China.

HAVE HOST - Two Dynamic Airblast Simulator (DABS) test facilities and four High Explosive Simulation Technique (HEST) test facilities at Luke AFB, AZ. Involves a series of ten tests to determine the vulnerability/survivability of MX concepts, both buried trench and shelter.

HAVE HUB - A program to develop a test release of selected weapons from a cargo aircraft.

HAVE HULL II - Exploitation of military hardware.

HAVE ICE - Exploitation of an electronics support system.

HAVE IDEA - An Air Force telemetry collection system for the Forward Area Alerting Radar, FAAR.

HAVE IDOL - A Communist block aerospace equipment model program.

HAVE IMPART - Exploitation of military hardware.

HAVE INCLINE - A study of advanced high temperatures materials and structures of the Soviets and Peoples Republic of China.

HAVE INK - Exploitation of a weapons support system.

HAVE INSURANCE - A simulator validation review task.

HAVE ISLAND - Procurement of foreign equipment.

HAVE ITEM - A Soviet pulsed power technology program.

HAVE IVORY - Exploitation of a foreign aerospace weapon system.

HAVE JAPE - Survey of organic material, cancelled.

HAVE JAR - A video tape exchange with the U.K.

HAVE JEEP - Exploitation of a foreign radar system.

HAVE JEWEL - A Tactical Air Command near-real-time reconnaissance test program.

HAVE JILT - Exploitation of a foreign hardware system.

HAVE JOIST - Exploitation of a foreign hardware system.

HAVE JUMBLE - An electromagnetic intelligence collection program.

HAVE KEEL - A survey of organic material, cancelled.

HAVE KERF - Exploitation of foreign hardware, cancelled.

HAVE KING - Air Force aerial intercept photography.

HAVE KIT - A ballistic streak camera development.

HAVE LACE - An identification of consumer intelligence requirements for foreign military sales program.

HAVE LAKE - Exploitation of foreign extrusions.

HAVE LAMP - An expendable countermeasures development, Project 5970.

HAVE LASH - A target collection study.

HAVE LEAP - A Space and Missile Test Center support of Minuteman III program.

HAVE LEAPFROG - An experimental airborne communications terminal (see LEAPFROG).

HAVE LEMON - Multi-faceted study of the threat posed by enemy defensive forces against attacks by US aircraft. The program used a defense suppression drone.

HAVE LENT 3 - Three sounding rocket launches of air recoverable payloads from a facility at South Point Hawaii.

HAVE LID - Exploitation of organic materials.

HAVE LIMB - Exploitation of organic material.

HAVE LIME - An Air Force program to study the entire defense suppression problem. A follow-on effort from HAVE LEMON.

HAVE LINK - Exploitation of foreign military hardware.

HAVE LOAD - Unauthorized movement of aircraft.

HAVE LOOP - Exploitation of Strategic Air Command handheld photography.

HAVE LORE - Direction-finder set, cancelled.

HAVE LURE - Support of the F-15 weapon program.

HAVE LUTE - Exploitation of organic materials.

HAVE MACE - Exploitation of organic materials.

HAVE MAKE - A SADS II servo system improvement program, cancelled.

HAVE MALL - An Air Force Systems Command exercise of war and emergency plans.

HAVE MALT - Air Force Program 317J. No details known.

HAVE MASK - An intelligence target identification and exploitation program.

HAVE MEDICO - Project conducted by Aerospace Medical Division and Electronic Systems Division to determine requirements for data automation of Air Force medical information with ultimate objective to computerize all Air Force medical activities.

HAVE MEMO - A portable electronic equipment program.

HAVE MERLIN - A multiple experiment for research of lower ionospheric neutrals, cancelled.

HAVE MILL - SAMSO Athena launches from Wake Island.

HAVE MOLD - SAMTEC Space and Missile Test Center logistic support program.

HAVE MUG - Exploitation of military hardware, cancelled.

HAVE MUSE - Exploitation of a foreign aerospace weapon system, cancelled.

HAVE NAIL - An analysis of military hardware program.

HAVE NAME - An Army and Air Force support subsystem. Funding was approximately \$4 million in FY76, 77 and 78.

HAVE NEAR - A technology development program related to vulnerability of an advanced Soviet/Peoples Republic of China missile.

HAVE NOTE - An Air Force classified program associated with the Electromagnetic Radiation Test Facility, to test susceptibility/vulnerability of selected weapons systems in terms of performance degradation given specific threat environments.

HAVE NOVEL - Exploitation of a foreign rocket system.

HAVE ORATOR - Exploitation of military hardware.

HAVE OUT - Exploitation of a foreign radar.

HAVE PLOT - Air Force chemical warfare defense improvement program.

HAVE POINT - Study of technical opportunities to improve tactical forces.

HAVE POWER - Mock-up and testing of F-15 aerospace ground equipment.

HAVE QUICK - An Air Force Electronic Systems Div. project to give the Tactical Air Forces with an improved air-ground-air jam-resistant UHF communications capability based on the AN/GRC-171; to be installed in F-15, F-16, F-111 and communication jeeps that control close air support missions. (ES)

HAVE QUICK - An Air Force project to provide the Tactical Air Forces with an improved air-ground-air jam-resistant UHF communications capability.

HAVE RADIO - Exploitation of a foreign radar system.

HAVE REPRO - An optical measurements program.

HAVE RICE - A radar identification and calibration exercise.

HAVE ROBE - An infrared measurements program.

HAVE ROCK - Exploitation of military hardware.

HAVE ROD - Exploitation of military hardware.

HAVE ROSE - An optical equipment program.

HAVE RUST - Classified Air Force program.

HAVE SET - Special airborne optical record and display equipment.

HAVE SHIELD - A security reinforcement flight program to protect an Air Force Systems Command installation, cancelled.

HAVE SKI - Exploitation of foreign aircraft parts.

HAVE SKY - A service test of epichlorohydrin collapsible fuel tanks.

HAVE SNOW - A study of the technical opportunities to improve tactical forces, cancelled.

HAVE SPEEDY - Solid propulsion techniques program.

HAVE SPOON - Sino-Soviet Bloc aircraft landings on Air Force Systems Command bases.

HAVE STAR - An information exchange meeting.

HAVE STOP - Exploitation of a foreign aerospace system.

HAVE STORK - Air Force Systems Command activities at a contract location.

HAVE SWORD - An on-base disorders plan.

HAVE TAMER - An Air Force Systems Command exercise of war and emergency plans, cancelled.

HAVE THEORY - A liaison and technical intelligence support program to U.S. agencies by the Air Force Systems Command.

HAVE TOWN - Air Force Systems Command collection activities program.

HAVE TRACK - The observation and tracking of orbiting satellites.

HAVE TURKEY - Southeast Asia defense suppression strike RPV program.

HAVE TWIST - A shipment identifier, cancelled.

HAVE VASE - A laser signature characteristics program.

HAVE WATCH - An aircraft package test, cancelled.

HAVE WAY - Acquisition of specialized foreign equipment.

HAVE WIND - An Air Force collection platform.

HAVEN - A permanent first word nickname assigned to the Office of Aerospace Research (OAR).

HAVEN HILL - A joint DARPA (Defense Advanced Research Projects Agency) - Office of Scientific Research study and experiment on seismic noises.

HAVEN HOP - Air Force Systems Command detection and prediction of clear air turbulence.

HAVEN MAX - An advanced development program on a research test vehicle.

HAZY - A permanent first word nickname assigned to the Aeronautical Chart and Information Center (ACIC).

HEAD - A permanent first word nickname assigned to the USAF Headquarters Command.

HEAD CADDY - Airlift support of a defense communications planning group, cancelled.

HEAD CHECK - A program to assure correction of deficiencies.

HEAD COP - A Headquarters Command USAF program for continuity of operations plan.

HEAD NET - A Soviet surface search radar used on guided-missile destroyers, destroyer escorts and helicopter carriers.

HEAD PACER - An operational resource reduction and reorganization program.

HEAVY - A permanent first word nickname assigned to HQ USAF (AFXPD).

HEAVY AIM - An air intercept missile requirements computer program.

HEAVY BARE - Name given to a field exercise conducted by the Air Force to demonstrate how combat squadrons could operate out of "bare base" forward locations, cancelled.

HEAVY BLADE - A USAF special planning support program.

HEAVY BLUE - A message designator for planning projects, cancelled.

HEAVY BOW - The assignment of aircraft to the Pacific Air Force, cancelled.

HEAVY BRIDGE - A USAF technical project located in the Pacific Air Force, cancelled.

HEAVY CHAIN - An operational test and evaluation support project, cancelled.

HEAVY CHEST - The bailment of C-7A aircraft to Air America, cancelled.

HEAVY COIN - A special airlift support project.

HEAVY CRESCENT - A support project of USAF Europe C-7A aircraft.

HEAVY CROWN - A civic action program to enhance the Air Force image, cancelled.

HEAVY CUP - A special airlift support project, cancelled.

HEAVY DRIVE - A mission directive, cancelled.

HEAVY EAGLE - A special airlift procedures program.

HEAVY EXPRESS - A special airlift missions program.

HEAVY FOG - Air Force specialized planning operations program.

HEAVY GATE - A special world-wide Air Force support system.

HEAVY GOLD - An Air Force airlift project.

HEAVY HAND - An Air Force plan for dual basing in Europe, cancelled.

HEAVY HAVOC - A specialized operational planning program, cancelled.

HEAVY HELO - An analysis group to support the evaluation of the ABM fire support system, cancelled.

HEAVY HOOK - The employment of specially configured C-123 aircraft by the Air Force in support of Military Assistance Command Vietnam.

HEAVY HURDLE - A concept for an air campaign in Southeast Asia, cancelled.

HEAVY LANCE - Air Force specialized planning mission, cancelled.

HEAVY LEAF - A program name used in connection with the HEAVY SAND project.

HEAVY LIFT - A rehabilitation program for the Air Force's C-47 aircraft.

HEAVY LION - A modification and use of Collins 3252 transmitters, cancelled.

HEAVY MIST - Air Force specialized planning operations.

HEAVY MOW - Specially configured aircraft assigned to the Air Force Logistics Command.

HEAVY PHOSPHOR - An Air Force special research program, cancelled.

HEAVY PLAY - A program used for a special airlift mission, cancelled.

HEAVY RAIL - An Air Force special air mission, cancelled.

HEAVY RED - A message designator for planning projects, cancelled.

HEAVY SAND - A special world-wide Air Force support system.

HEAVY SEESAW - A special air warfare study group, cancelled.

HEAVY SILVER - An Air Force program "Annex Z."

HEAVY SKATE - A program for selected air Force officers, cancelled.

HEAVY SMOKE I - Special operations support program.

HEAVY SPARTAN - A USAF specialized planning operation, cancelled.

HEAVY STAND - USAF Air police personnel assigned to Pacific Air Force.

HEAVY STAR - An Air Force mission development, cancelled.

HEAVY STONE - A special planning and operations assignment program.

HEAVY TIGER - A USAF technical project located in the PACOM area, cancelled.

HEAVY TOWN - Assignment of aircraft, cancelled.

HEAVY TRADE - A research study on the political, economic, sociological development of East Asian countries.

HEAVY TRAFFIC - Headquarters USAF operations plan for airlift and resupply operations.

HEAVY TRYST - A consolidation of support activities, cancelled.

HEAVY WAGON - Low level training routes in the U.S., cancelled.

HEAVY WARRIOR - A special technical evaluation and support project.

HEAVY WHITE - Acquisition of maps, cancelled.

HECTIC - A permanent first word nickname assigned to the Aeronautical Chart and Information Center (ACIC).

HEROIC - A permanent first word nickname assigned to the United States Air

Force Academy (USAFA).

HIGH BOY - Code name of U-2 aircraft used in the Navy's Aerospace Ocean Surveillance Program, an R&D effort aimed at advanced development of aircraft and spaceborne sensor systems to keep track of enemy movements on the sea surface, cancelled.

HIGH CARD - Another name for the air-to-air Genie missile.

HIGH GEAR - An acoustic sensor developed for the IGLOO WHITE (see) program.

HIGH HEELS - DOD periodic exercises to check responsiveness of worldwide communications system and reporting procedures under conditions that would exist should there be a major enemy attack.

HIGH HIGHSTAR - Managed by SAMSO (Space & Missile Systems Organization), the program is aimed at the development of infrared detectors with high detectivity. Application is believed to be to the Midcourse Surveillance System (see) satellite.

HIP POCKET - A Navy program to employ off-the-shelf equipment to improve ship defense against missile threats. The Navy is provided the equipment to see how it works, and to test its reliability at a very early stage. The system also aids industry in testing preliminary equipment.

HOLY STONE - A highly classified underwater surveillance program. Submarines are equipped to gather a wide variety of electronic, communications and radar intelligence, including monitoring Soviet nuclear submarine activities.

HOT CHOCOLATE - A highly classified communications system. Consists of one shore station plus eight remote units (probably submarines), handled by the Office of Special Communications, out of Naval Electronic Systems Command.

HOT SHOT - An Air Force anti-nighttime infiltration weapon system.

HULA HOOP - System employs infrared vidicon cameras aboard KC-135 aircraft to measure radiation from targets.

HUSKY ACE - FY 1974 Department of Defense underground, nuclear weapons effects test.

HYBLA GOLD - Air Force sensor project involving EG&G Inc., Albuquerque, NM.

IGLOO BOMB LIFT - An Air Force program within its armament and ordnance development system.

IGLOO WHITE - Use of air-dropped sonobuoys over land infiltration routes to detect enemy troop movements. Signals produced are processed by Air Force EC-121 aircraft. Other names used for this activity included PRACTICE NINE, DOUBLE EAGLE, DUEL BLADE. Administered by DCPG (Defense Communications Planning Group) and part of the overall Automated Battlefield (see).

IRON BIRD - A flight control simulator for the F-4 aircraft.

IRON HAND - Air Force code name applied to all electronic countermeasures (see ECM) equipment introduced aboard U.S. aircraft during the Southeast

Asia conflict to meet the threat posed by Soviet-built Surface-to-Air Missiles (SAM) used in North Vietnam. Also involved firing Shrike (see) anti-radiation missiles at launching complexes.

IVORY COAST - A joint service task group sent to North Vietnam in November 1970 in an attempt to free U.S. POWs held in a prison compound.

IVORY CORAL - The Army Missile Command negotiated with Battelle Memorial Institute for analysis of this classified system.

IVORY TREE - A DARPA (Defense Advanced Research Projects Agency) program of exploratory development research (once called AGILE) in tactical and limited warfare equipments.

IVY GREEN - Navy telemetry receiver manufactured by F&M Systems.

IVY OWL - A study conducted by Rome Air Development Center on the oxidation and release of metal vapors.

JACK FROST I - Joint Chiefs of Staff (JCS) directed and coordinated exercise in Alaska, to test and evaluate command procedures.

JAZZ ROCK - JOINT SURVEILLANCE SYSTEM/REGION OPERATIONS CONTROL CENTER; A USAF plan to make joint use of Air Force and FAA radars for civil air traffic control and air defense needs. It would implement five regional control centers, including one in Alaska, to replace SAGE centers.

JUNGLE JAMMER - An electronic countermeasures system involving the Air Force Aeronautical Systems Division.

KEE BIRD - An Army ski-mounted vehicle, propeller driven for arctic use.

KILLER KAT - An Air Force program involving Raytheon.

LA FAIRE VITE - An electronic warfare console built by Harris for the Army Security Agency and deployed in the Harz Mountains, West Germany. The system uses digitally modulated microwave radios to beam intelligence information to the central LFV control center in Wurmburg. (See LE FAIRE VITE.)

LAFFING EAGLE - V-SCAN direction finding system installed by Army aboard RU-21 aircraft.

LAFINE WINE II - Army Electronics Materiel Readiness Activity project involving IBM; computer communications software for Augsburg.

LARGE EDDY - NASA project under Ames Research Center.

LARGE RICHARD - A 14-inch air-to-ground rocket that never got into production.

LASER TRAIN - Army M-16 training system involving laser beams and television. A four-ounce gallium arsenide transmitter on an MILAI rifle replica fires a harmless beam of light at a target console which resembles a television set; a TV camera inside the target relays the position of the "hit." Firing can be accomplished from standing, kneeling or prone positions.

LAZY DOG - An air-to-ground anti-personnel rocket used by the Air Force in early stages of the Vietnam war.

LE FAIRE VITE - Classified ground-based eavesdropping system, built by

Harris Electronic Systems/ Melbourne, FL for the Army Security Agency to deploy along the Iron Curtain in West Germany and to monitor communications and radar in real time. (See also LA FAIRE VITE.)

LE FOX GREEN - Classified communications system of the Army Security Agency which uses the AN/FSQ-88 (V1) computer system, involving GTE Sylvania/Mountain View, CA. RFTPs for documentation of the government-owned software used in this system were requested by the Army Electronics Materiel Readiness Activity, Vint Hill Farms Station, VA. (See also LE FOX PURPLE.)

LE FOX GREY - VHF/UHF communication intercept system. The Army will use the system on the RU-() reconnaissance aircraft.

LE FOX PURPLE - Classified communications system of the Army Security Agency which uses the AN/FSQ-88 (V2) computer system. RFTPs for documentation of the government-owned software used in this system were requested by the Army Electronics Materiel Readiness Activity, Vint Hill Farms Station, VA. (See also LE FOX GREEN.)

LEAP FROG - An Air Force test of helicopter communications via satellite to extend the range of transmission.

LEFAIR FOX - The Army Tank-Automotive Command issued a contract to Millers Trailers in FY74 for rework, repair and modification of the XM703 tank for the LEFAIR FOX system. Included in the contract were three M313 semitrailers. No other details concerning the system are known.

LEFIRM ARMOR - A highly classified Army program relating to an intelligence project.

LEFT FOOT - An improved airborne communications intelligence collection and direction finding system configured in an RU-21 Army aircraft.

LEFUR LOST - Army Electronics Command program to procure downed airmen radios.

LIGHTNING BUG - Original code name for the first operational Air Force RPVs.

LINEAR CHAIR - A classified project within the Fleet Ballistic Missile (FBM) program. A Naval Ship R&D Center project involving Dynatrend, Inc.

LINEAR CHANCE - Part of the Navy's program to use porpoises to hunt for and mark or neutralize bottom mines.

LINEAR CHEK - A countermeasures program within the Navy's Advanced Marine Biological Systems, initiated in FY75 and thought to involve marine mammals.

LINEAR HOSE - A classified Surface Electronic Warfare project.

LINEAR LOG - A Naval program directed toward a swimmer support system using dolphins.

LINEAR SHARK - Classified Navy program.

LINEAR SWEEP - A mine hunting and neutralization program in which porpoises are used to locate bottom mines.

LINEAR TANK - Classified Navy program. LINEAR UNICORN - Classified Navy program.

LINEAR UNICORN - Classified Navy program.

LISA ANN - Now known as COBRA MIST, the Air Force 441L (AN/FPS-95) Over-the-Horizon back-scatter radar portion of the 400L Over-the-Horizon Radar (OTHR) system. Development is being conducted by RCA for the advanced high frequency system to detect missile launches at long range. (ES)

LITTLE "R" - An Army program involving flight tests of a mini-RPV built by Lockheed for battlefield reconnaissance and target acquisition/designation; also known as AQUILA. Lockheed is currently under contract for 30 RPVs, 4 ground stations and 25 sensor packages.

LITTLE SAM - A version of the SLAM (see) missile system which would operate from destroyer escorts or smaller vessels.

LITTLE SCOUT - A follow-on to the AQUILA program, LITTLE SCOUT is designed to fulfill an Army requirement for an unmanned aerial surveillance, target acquisition, and laser designation system.

LOCK - A permanent first word nickname assigned to Air Force Communications Service (AFCS).

LOCKER BOX - A threat assessment analysis study conducted by GTE Sylvania for the Marines.

LOFTY - Permanent first work nickname assigned to the United States Air Force Academy (USAFA).

LOG LIFT I - Operation conducted in 1970 which evaluated off-shore discharge of container ships.

LOG LIFT II - 30-day airhead clearance operation to evaluate the Army's medium lift helicopter capability for sustained operation. The exercise also further evaluated Army air terminal equipment and personnel for compatibility with USAF systems.

LOG LIFT III - An Army operation to evaluate depot-to-user support of a division force.

LONESOME TIGER - A program involving equipping old B-16 and newer OV-10 aircraft with night vision sensors as part of the Air Force's overall night vision programs. Renamed PAVE NAIL for the OV-10.

LONG - A permanent first word nickname assigned to the USAF Headquarters Command.

LONG DRINK - This operation involves tests to keep helicopters in the air for long periods through fueling constantly via an aluminum tube to the ground.

LONG KNIFE - A target acquisition system as a follow-on to the Pave Knife Air Force pods. Ford Aerospace & Communications is the contractor. (ES)

LONG NEEDLE - A project to improve the communications of 492L for which Collins Radio has done some work. The system employs fully automatic transmitter and receiver sites with voice and data transmission capabilities.

LOOK - A permanent first word nickname, assigned to HQ USAF (AFIDI) (AFISA) (AFIIN) Norton AFB.

LOOK IMPROVEMENT - Also known as Big Look Improvement Program (see BLIP),

this is a Navy program involving improvement of equipment aboard EC-121 electronic warfare aircraft.

LOOKING GLASS - The Air Force's EC-135C airborne command post under the 465L Strategic Air Command Control System (see SACCS) for transmission, collection, processing and displaying of data to assist SAC in command and control of forces. Employs the AN/ARC-89(V) airborne secure UHF multiplex communications system built by ECI and interrelated with the Post Attack Command and Control System (see PACCS).

LOOP BOMB - Navy project under the Naval Air Systems Command.

LOW - A permanent first word nickname assigned to the Air Training Command (ATC).

LOYAL - A permanent first word nickname assigned to the Air University (AU).

LOYAL WAY - A test and evaluation of command and control techniques by the USAF Air University, cancelled.

MAD BOMBER - An Army weapons system used on helicopters that dumps mortar shells and fragmentation bombs on enemy positions by tilting a trough.

MAD DASH - A signal collection effort and data link study by Naval Air Systems Command, involving Engineering Research Associates/Arlington, VA.

MAGNUS ROTOR A basic research project sponsored by the Army Research Office/Durham, NC.

MAIN EVENT - A joint Army, Navy, Air Force test to determine by simulation the effects of nuclear blast on weapons, materials, ground shock and buildings.

MANDRAKE ROOT - See PROJECT MANDRAKE ROOT.

MARCH HARE - Training and logistics portions of Iran's Ibex ground-based electronic intelligence system.

MARKET TIME - A sea surveillance program to prevent infiltration in Southeast Asia from the South China Sea.

MAROON SHIELD - An RCA/National Security Agency intelligence data network, once called "Drawstring." Some data would be relayed via satellite, but regular ground terminals and the Defense Satellite Communication System network would also be used.

MAROON SPUR - A highly classified Army electronics program. Harris/Melbourne, FL received a \$3 million FY76 contract.

MIDDLE GUST - An Air Force test conducted at Crowley, CO involving a simulated nuclear overblast of a Minuteman silo.

MILL RACE - High-explosive test simulating the airblast effects from a one-kiloton nuclear surface blast.

MILL RACE - A Defense Nuclear Agency test. It will subject the Multiple Launch Rocket System, the M-1 tank and the Patriot and Pershing missiles to an airblast simulating a one-kiloton nuclear explosion.

MILL RUN - A Defense Supply Agency program set up to stockpile TTL (transistor-transistor logic) circuits for future military and other

government programs.

MINE THROW - A series of tests conducted by the Defense Nuclear Agency using small conventional charges to simulate the blast effects of nuclear weapons.

MINERS IRON - A Defense Nuclear Agency underground test which was scheduled for March 1980, with experiments on hardened structures and command, control and communications components to be fielded in this test.

MING BLADE - FY 1974 Department of Defense underground, nuclear weapons effects test.

MINUTE STEAK - A series of classified nuclear tests conducted by the Army.

MISERS BLUFF - Defense Nuclear Agency tests to determine the near simultaneous blast effects on the MX buried trench and multiple aim point basing concepts.

MISS NANCY - FY 1973 Department of Defense underground nuclear weapons effects test.

MISSILE MASTER - The AN/FSG-1 semi-automatic command and control system used on the Army's Hercules (see) air defense missile.

MISSILE MENTOR - The Army's AN/TSQ-51 air defense fire control system that replaced the AN/GSG-2 MISSILE MASTER (see) to computer-direct and coordinate Nike Hercules (see) and Hawk (see) surface-to-air missile batteries.

MISSILE MINDER - The AN/TSQ-73 missile fire control system. It will be used for the Hawk, Nike Hercules, Patriot and Safeguard missile systems. (MS, ES)

MISSILE MONITOR - The AN/MSG-4 mobile fire directional system for the Army's Nike Hercules (see) air defense system. Used at CONUS stations, and as part of the Army's 412L and MTDS (Marine Tactical Data System) programs (see).

MISTY NORTH - A research and development program for which Perkin-Elmer/South Wilton, CT, and Lockheed received awards from Space and Missile Systems Organization and Defense Nuclear Agency.

MOON BOUNCE - A Navy ship-to-shore communication system utilizing a moon relay.

MUSCLE SHOALS - One of the original "automated battlefield" concepts used in Southeast Asia. The tri-service effort relied on combined ground and air activity, sensors and emplaced anti-personnel weapons to detect and combat enemy infiltration. (See Igloo White).

MUSCLE TRUNK - An Army Electronics Command in support of the DSCS II upgrade.

MUSKETEER GWEN - A Naval Air Development Center program, involving Westinghouse and Scope Electronics.

MYSTIC LINK - A secure, jam resistant Digital Information Distribution System for use in a tactical combat environment (Air Force). (ES)

MYSTIC MISSION - An exercise by 30 US companies to demonstrate to NATO representatives the troop detection and Loran position fixing equipment

that was being used in Southeast Asia.

MYSTIC STAR - An Air Force high frequency air/ground communications system at various U.S. and overseas locations.

NIGHT LIFE - An Army Missile Command/DARPA (Defense Advanced Research Projects Agency) project for the use of lasers, also known as DANCING DOLLS (see).

NIGHT OWL - USAF Avionics Laboratory program to develop an infrared imaging seeker for use on air-to-surface missiles at night. Hughes Aircraft performed R&D in the program.

NIGHT SUN - An Army searchlight.

NIGHT TRAIN - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

NIGHT VISION - The system provides Naval and Air Force aircraft with night-time interdiction and detection capability.

NIGHT WATCH - LTV modifications to five EC-135s to equip them with electronic surveillance systems and computers for on-board processing and real-time relay to command headquarters. Part of the Air Force SHEDLIGHT (see) program.

NILE BLUE - A DARPA project which relates to nuclear monitoring for climate modification research. Research done under the program involves the effects of large scale climate modifications as a military weapon. It also involves research to counter potentially harmful climate changes.

NIMBUS MOON - An ordnance disposal training program conducted in the Suez Canal to train Egyptian personnel as part of an agreement between the U.S. and the Egyptians.

NIMBUS MOON LAND - A group of Army personnel training Egyptian troops in land mine removal around the Suez Canal.

NIMBUS MOON SEAWATER - A group of Army personnel training Egyptian divers in the removal of mines from the Suez Canal.

NIMBUS STAR - A minesweeping training operation conducted in the Suez Canal. Sikorsky RH-53D Stallion helicopters towed acoustic devices and magnetic sleds to train Egyptian personnel in minesweeping techniques.

NIMBUS STREAM - A minefield detection sweep off the Egyptian cities of Port Said and Damietta.

NITE GAZELLE - Experimental program by the Navy to modify QH-50D helicopter drones (see DASH) for night surveillance missions. The program followed the earlier NITE PANTHER effort which was cancelled by DOD in 1969. Under NITE GAZELLE, the drones received a longer rotor blade and M5 40 mm grenade launcher turrets. (MS)

NITE PANTHER - See NITE GAZELLE. (MS)

NORDIC PASS - A JCS (Joint Chiefs of Staff) exercise.

NORTHERN MERGER - A NATO exercise involving nine countries that took place in 1974.

NORTHERN WEDDING - NATO maritime exercise involving more than 180 ships

and aircraft of eight countries.

NYMPH VOICE - Also referred to as NYVO, this is an advanced development program sponsored by the Naval Air Systems Command with work performed by Magnavox, and believed to be an acoustic countermeasure device.

OLD BOURBON - A test aircraft and the flight plan in support of a Strategic Air Command operational test and evaluation program.

OLD DIPPER - A photographic target selection program.

OLD FOX - Minuteman G flight tests.

OLD GRIND - Photography of Strategic Air Command bases.

OLD HEAD - A graphic weather reconnaissance program in the Southeast United States.

OLD METHOD - A Strategic Air Command operational test and evaluation of the ADR-8A chaff rocket.

OLD ROVER II - An early AGM-28B Hound Dog missile test.

OLD TOWN - A photographic exploitation and processing program.

OLIVE FARM - A U-2 contingency operation.

OLYMPIC ARENA III - Strategic Air Command missile competition of all nine operational missile units.

OLYMPIC EVENT - A Minuteman III nuclear operational systems test.

OLYMPIC PLAY - A Strategic Air Command missiles and operational ground equipment program for EWO missions.

OLYMPIC SHOT - The launch of PACCS aircraft in no notice emergency situations.

OLYMPIC TRIALS - A program to represent a series of launches having common objectives.

OPPORTUNE JOURNEY - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

ORBIS CAL - A Navy satellite.

OUTGROWTH CAESAR - See CAESAR and SASS.

OUTLAW HAWK - A Naval Air Development Center program related to ocean surveillance.

OUTLAW SHARK - An over-the-horizon radar surveillance program conducted by the Naval Electronic Systems Command. The system lets a shore-based command seek data by satellite to a submarine running just below the surface so it can target enemy vessels with cruise missiles. Lockheed Missiles & Space/Sunnyvale is supplying the tactical display system.

OUTPOST SEASCAN - A Navy program in which waves, currents, eddy systems and similar phenomena in the northern hemisphere are studied.

OWL TEAM - An Army Combat Developments Experimentation Command project involving a Clear-Night Defense system for attack helicopters.

PACER - A permanent first world nickname assigned to the Air Force Logistics Command (AFLC).

PACER ACE - A landing gear analytical condition inspection program.

PACER ACORN - The transfer of UH-1 and CH-47 helicopters to support the Royal Vietnamese Navy.

PACER AIR - A program to expedite delivery and installation of the XM-93 system.

PACER ALASKA - Annual logistics support to Dew Line sites.

PACER AMBER - Air Force Logistics Command support of the HH-53 helicopter program, cancelled.

PACER ANGLER - A Strategic Air Command KC-135A conversion program.

PACER APPLE - - Identification of shipments of ground electronic equipment and repairable items.

PACER ASH - A resupply program for destroyed assets.

PACER AXE - Support of a prototype aircraft.

PACER BARGAIN - Movement of the 3097 AVN squadron to Barksdale AFB, cancelled.

PACER BARON - The conversion of C-7A aircraft, cancelled.

PACER BASIN - Annual logistics support of the Dew Line sites.

PACER BASS - Movement of non-DOD cargo.

PACER BATON - Air Force Logistics Command support of TACAMO program.

PACER BEAVER - Multi-service support of the AUTOSEVOCOM program.

PACER BELL - An excess inventory reduction program.

PACER BENCH - A technical control link for performance assessment.

PACER BEND - A camera modification for the RF-5, cancelled.

PACER BITS - A depot maintenance material project, cancelled.

PACER BLAZE - Replacement of A-37B aerospace ground equipment, cancelled.

PACER BLINK - Conversion of HH-3E aircraft.

PACER BLOOM - A Boeing-built prototype modification kit for improving high-density B-52 bomb preloading facilities. The kit would replace the MJ-1 bomb lift now in use within B-52 preload facilities.

PACER BOAT - USAF T58-T64 engine overhaul performed by the US Navy.

PACER BOX - An Air Force requirement program for crash and battle damaged aircraft.

PACER BRACE - Landing gear side brace rework for C/EC/KC/RC/WC-135 aircraft, cancelled.

PACER BRANCH - A SMAMA prime radar equipment support requirement for an

Iranian program.

PACER BRASS - Identification of the movement of C-141 landing gear.

PACER BRIGHT - Identification of F-4 assets.

PACER BROWN - F-100 aircraft aerospace support equipment returned from Europe for the Air National Guard, cancelled.

PACER BURN - A project (No. 982) with the Royal Vietnamese Navy, cancelled.

PACER BURST - Resupply of the Vietnam Air Force, cancelled.

PACER BYTE - Implementation of an ALS task force.

PACER CACTUS - Delivery of remaining T-53 tooling, cancelled.

PACER CAP - A special holding account for AFSATCOM aerospace ground equipment.

PACER CARRY - Control vehicle for a Vietnamese project, cancelled.

PACER CASTLE - Strategic Air Command KC-135 redeployment.

PACER CEDAR - Ford Aerospace & Communications/ Palo Alto, CA, performed engineering and other technical services for the Air Force under this nickname. The effort may involve survivable communications. (See PROGRAM 487L and PROGRAM 487M).

PACER CENTURY - The F100-PW-100 engine led the force program for the F-15 aircraft.

PACER CHALLENGE - A middle management orientation program.

PACER CHANGE - An electronic assessment control center transfer program, cancelled.

PACER CHASE - Logistics support of F-111 aircraft.

PACER CHECK - Supply support for FAA KC-135 aircraft.

PACER CLAM - Management of F-15 operational aerospace ground equipment.

PACER CLASP - An Air Force Security Service NORS requisition program.

PACER CLAY - A TF41A1 engine update program, cancelled.

PACER COIN - Support of the C-123 aircraft.

PACER COLOR - Support of the 439L and 484N integrated joint communications systems in the Pacific.

PACER COMET - A computerized and automated jet engine testing system. Contract for operational phase of software service support awarded by Air Force to Control Data, San Antonio, TX.

PACER CONE - Support of F-111 aircraft units.

PACER COOL - A-7D aircraft test station support programs.

PACER CORD - AGM-86A aerospace ground equipment acquisition.

PACER COUNTER - Conversion of EB-57 aircraft for ADC to the Air National Guard.

PACER COVE - The AN/APX-72 mode 4 (MARK XII IFF) board modification program.

PACER COVER - The J57 engine compressor replacement program, cancelled.

PACER CRAFT - Iranian support of special air mission aircraft.

PACER CROWN - An Air Force Logistics program involving kits and indicators, cancelled.

PACER DART - F-106 reassignments, cancelled.

PACER DASH - F-111 test station support.

PACER DECANT - Accountability items transferred and provided to the Vietnam AF, cancelled.

PACER DECK - Support of T-29 aircraft on loan to the Navy.

PACER DELTA - F-106 reassignments, cancelled.

PACER DEW - Annual logistics support of Dew Line sites.

PACER DIAMOND - Shipment of T-28 aircraft and support for Southeast Asia, cancelled.

PACER DIM - A defense integrated materials management of consumable items program.

PACER DIME I - Receiving shipment and issue of documents on materiel in support of DMISA.

PACER DOLL - Rotor blade facility contract program.

PACER DOOR - A support program for C-5 aircraft.

PACER DRONE - Routing of high priority material for Tactical Air Command and Strategic Air Command drone programs.

PACER DROP - Shipment of selected ammunition (project 981), cancelled.

PACER DUSK - Continual support of selected USAF bases in Thailand.

PACER EASY - Support of aircraft at Castle AFB.

PACER EDGE - Support of a C-5A program.

PACER EIGHTIES - Relocation and upgrade of equipment in the engine shops at Tinker AFB, OK.

PACER ELF - Support of rapid area maintenance teams in Southeast Asia, cancelled.

PACER ENERGY -- Traffic program concerning the energy crisis throughout the Air Force Logistics Command.

PACER EXPAND - Support to the A-7D aircraft and TF41-A-1 engine validation program.

PACER FACE - Support activation of the 59 TFS at Eglin AFB, FL.

PACER FANCY - Support of the F-4C training aircraft.

PACER FARM - Redeployment of A-7 aircraft.

PACER FAWN - Supply support program for F-5Bs at Williams AFB.

PACER FENCE - A retrograde of helicopters and material, cancelled.

PACER FIELD - Control of munitions test samples.

PACER FINALE - Vietnam Air Force precision measuring equipment lab actions.

PACER FINDER - A jet engine analytical evaluation program.

PACER FLANGE - Movement of F/FB-111 landing gear components.

PACER FLAP - Transfer of aircraft to the Royal Vietnamese Navy, cancelled.

PACER FLASH- - A study of long range computer software support to weapon system computers.

PACER FLEX - Selected war consumable items prestocked by Air Force Logistics Command.

PACER FOAM - Use of foamed-in-place polyurethane foam in packaging.

PACER FOREST - An Air National Guard requirement to activation program, cancelled.

PACER FORT - Movement of J79-17 engine workload.

PACER FOX - Air Force Logistics Command program concerning a corrosion facility, cancelled.

PACER FRONT - A support agreement with the US Navy.

PACER FRONT - Material in support of VIP fleet.

PACER FUEL - Air National Guard unit conversion of C-97 to KC-97L aircraft, cancelled.

PACER GABLE - Support of Air National Guard units from C-119 to C-130 aircraft.

PACER GALAXY - Support of Minuteman force modification program.

PACER GALLEY - Return of B-52G aircraft from Anderson AFB to the US, cancelled.

PACER GARDEN - Initial support of a tri-service National Security Agency program.

PACER GARNET - NC-130P aircraft spares support at Korat.

PACER GEM - F-111 production surplus material program, cancelled.

PACER GENTLE - Air Force Air Logistics Command jet engine overhaul capability.

PACER GERMANE - C-9A aircraft deployment to USAF Europe.

PACER GLIDE - Supply support of the UH-1D to Bergstrom AFB, cancelled.

PACER GLORY - An EF-111A support program.

PACER GOOSE - - The annual job of resupplying Thule AB.

PACER GRADE - Air Force program for rehabilitation of J57 and TF33 engines.

PACER GRAIN - An electronic compatibility and measurement program.

PACER GRAND - Replacement of C-130 aerospace ground equipment.

PACER GRANITE - Update engineering change proposals to the ALQ-119 ECM pods.

PACER GREAT - Equipment program for C-130 aircraft.

PACER GROUND - Conversion kits and materials for the F-4E advanced Wild Weasel program.

PACER GUM - Requisition and shipment of aerospace ground equipment to Homestead AFB, FL, cancelled.

PACER HARMONY - An FAA joint surveillance system, Program 968H.

PACER HAUL - Military Airlift Command forward supply support.

PACER HEAT - Support of F-106 aircraft, cancelled.

PACER HILL - F-4C support.

PACER HORN - Support for the AN/UCC-4(V) multiplex equipment.

PACER ICE - AGM-69A (SRAM) equipment and material support.

PACER INK Implementation of a data system in support of B-1 aircraft RDT&E.

PACER ISLAND - Aircraft conversion of the HC-130.

PACER IVORY - Support of the Royal Thai Air Force AU-23A aircraft system.

PACER IVY - Return supplies from Southeast Asia, cancelled.

PACER JADE - Shipment of T-38 aircraft and related support for Southeast Asia.

PACER JASPER - Shipment of T-38 aircraft and related support for Southeast Asia, cancelled.

PACER JAZZ - An update of the J33-A-35 engine for the T-33A aircraft, cancelled.

PACER JIG - Delivery of certain UH-1H items, Project 982, cancelled.

PACER JINGLE - A class IV modification to install ground proximity warning systems.

PACER JOIN - Procurement of selected vehicles and support, cancelled.

PACER JOLLY - Overseas overhaul of R3350-26WD engines, cancelled.

PACER JOURNEY - A modification study on C-135 aircraft.

PACER JOY - C-119G and RC-47 aircraft modification and support, cancelled.

PACER KANGAROO - Support for the Royal Australian Air Force F-111C program, cancelled.

PACER KEY - A-7D initial spares requirements program, cancelled.

PACER KNACK - A follow-on support program, cancelled.

PACER KNACK I - A follow-on support program.

PACER KNIGHT - Relocation of T-38 aircraft and support equipment, cancelled.

PACER LACE - Conversion of F-105 aircraft from Tactical Air Command and Air National Guard to AFRES, cancelled.

PACER LADLE - Support of conversions to the C-130 aircraft.

PACER LAKE - Control of equipment at a Vietnam Air Force Air Logistics Command Depot.

PACER LAMP - Identify documents and material shipments for build-up of the Aerospace Defense Command.

PACER LANE - Logistic support using the organization on an aircraft within the BIG SAFARI program.

PACER LATCH - Protection of government funds.

PACER LAUNCH - Support of the CH-47A for the Vietnam Air Force, cancelled.

PACER LEADER - A lead the force program to identify potential MAT failures, cancelled.

PACER LEVER - Aerospace ground equipment support of the AC-130.

PACER LIFE - A program to expedite production delivery and installation of a combat system.

PACER LILAC - Support of A-7 aircraft, cancelled.

PACER LILY - Supply support of Strategic Air Command forces in the Pacific area, cancelled.

PACER LIME - A corrosion severity classification project.

PACER LIMIT - Materiel shipped to Vietnam, cancelled.

PACER LINE - Support of F-5E aircraft.

PACER LINE - Support of repair and overhaul facility, cancelled.

PACER LINN - Air Force Logistics Command support of trans-Asia generator maintenance contracts, cancelled.

PACER LINTEL - Support of a Maverick missile depot.

PACER LITTLE - Support conversion of AFRES helicopter units.

PACER LONG - Support class V modification of the HH-53C helicopter.

PACER LOOK - Support of the F/TF-102 modification for the Iranian program, cancelled.

PACER LOOP - A special contingency stockpile program.

PACER LOW - A program involving KC-135A aircraft.

PACER LYRIC - Conversion of USAF A-37B aircraft to MAP A-37B aircraft, cancelled.

PACER MACK - Annual logistics support of Dew Line sites.

PACER MAGIC - Support to the AN/GSQ-170(V) satellite tracking set in the 496L program.

PACER MAPLE - A depot plant modernization program.

PACER MARBLE - Support of AC-130H aircraft.

PACER MARTIN - Requisition of common hardware for F/TF-104 aircraft at Luke AFB, cancelled.

PACER MAST - A follow-on logistic support program, cancelled.

PACER MEADOW - Support to the AN/ALQ-119 ECM pod.

PACER MEDAL - Support of C-7 aircraft.

PACER MELBA - Support of C-130E Pathfinder aircraft on loan to Pacific Air Force.

PACER MELON - Shipment of F-5As and related support for Southeast Asia, cancelled.

PACER MEMORY - Assistance to the Vietnam Air Force supply accounts, cancelled.

PACER MERRY - Support of the AN/ASN-63 inertial navigation system.

PACER METAL - Support of A-7D aircraft, cancelled.

PACER MILE - Special subsistence reserves authorized by Headquarters USAF.

PACER MILL - Contractor requisition to replace government furnished items rejected by the contractor.

PACER MINT - Control of Aerospace Ground Equipment for activation of AFRES C-130 squadrons.

PACER MOON - A program to procure and store selected CEM strategic equipment.

PACER MOSS - Wholesale interservice supply support agreements.

PACER MOUNTAIN - Control of items for the Vietnam Air Force joint venture contracts.

PACER MURAL - Aircraft storage contract, cancelled.

PACER MUSIC - Flight test of aircraft, cancelled.

PACER NEON - Control of Vietnam Air Force critical equipment.

PACER NET - Overhaul capability to repair TP3D-0100 engines, cancelled.

PACER NOON - Acquisition of 780 equipment for Air National Guard CL-130

aircraft.

PACER OBOE - Overseas overhaul of R-4360 engines.

PACER OPAL - Redeployment of Southeast Asia personnel and materiel, cancelled.

PACER OPEN - A study of nuclear weapons storage and maintenance.

PACER ORANGE - An aircraft engine overhaul program.

PACER OWL - A program for productivity improvement in the Air Force Logistics Command.

PACER PACK - F/FB-111 aerospace ground equipment support.

PACER PACKAGE - C-9A deployment to Pacific Air Force.

PACER PAIL - Transfer of aircraft and shipments related support for Southeast Asia, cancelled.

PACER PAIN - Identification of commercial vehicle parts requisitioned by the Vietnam Air Force.

PACER PAIR - Conversion of F-106 aircraft from USAF for the Air National Guard.

PACER PALACE - Support for airborne Quick Reaction Capability (QRC) programs.

PACER PALM - Delivery of STOL aircraft and support, cancelled.

PACER PAN - F-106 conversion for the Air National Guard.

PACER PANDA - Requisition, shipment and identification of initial Aerospace Ground Equipment support for the F-4, cancelled.

PACER PANTHER - Requisition, shipment and identification of initial Aerospace Ground Equipment support for A-7D aircraft.

PACER PAPER - Conservation of paper and printing funds.

PACER PARK - An Air Force Logistics Command direct shipment support of GEEIA/CESAC.

PACER PARTY - Electronic data processing maintenance program, cancelled.

PACER PATH - The J57-59 engine overhaul update program, cancelled.

PACER PAY - F-106 conversion for the Air National Guard, cancelled.

PACER PEACH - Support of A-10 aircraft, cancelled.

PACER PEEL - Support to the A-7D/AGM-65A programs, cancelled.

PACER PERFECT - Conversion of F-106 aircraft from USAF to the Air National Guard.

PACER PERIDOT - ECM and infrared countermeasures support for Southeast Asia.

PACER PIKE - TF3C-P100 engine update, cancelled.

PACER PILLAR - Support of T-37B aircraft at Peterson Field, CO.

PACER PINE - Annual resupply Gap Filler Pine Tree ACW sites in the Northeast area.

PACER PIPE - Movement of material from Kwajalein Island.

PACER PIPER - A follow-on logistic support program, cancelled.

PACER PIPER I - A follow-on logistic support program.

PACER PIX - Repair of WS-430B system shelters, cancelled.

PACER PLANK - Support of B-52D structural modification.

PACER PLATE - Support of Vietnam Air Force electroplating facility, cancelled.

PACER PLAY - Shipment of AU-23s and related support for Southeast Asia, cancelled.

PACER POINT - A maintenance accuracy test and repair on condition program.

PACER POLE - A review of items in Federal Supply Systems.

PACER POND - Calibrate and repair and return transactions.

PACER POST - Calibrate and repair and return transactions.

PACER POWER - Support of an engine repair facility, cancelled.

PACER PRETTY - Transfer of Pacific Air Force aircraft and associated support to the Vietnamese Air Force.

PACER PRIME - Avionics support for the F/FB-111 aircraft.

PACER PRINT - Identification and markings of engines, spares and aerospace ground equipment returned to Nigeria, cancelled.

PACER PRIZE - Support of Aerospace Ground Equipment for F-100 engines in F-15 aircraft.

PACER PRO - Officer career monitoring.

PACER PUP - Support of C-5 program depot maintenance update program.

PACER PUSH - Support of C-5 and C-141 airlift program, cancelled.

PACER QUAIL - Shipments of spares and aerospace ground equipment of the C-7A aircraft for an Air National Guard unit.

PACER QUEST - Relocate T-38 aircraft support equipment for Thunderbird PGM.

PACER QUICK - Preparation and movement of selected aircraft and associated materiel to the Vietnam Air Force.

PACER RAKE II - An analysis of the J-57 afterburner engine.

PACER RAY - A follow-on support of a tri-service National Security Agency program.

PACER READY - Logistics support of F-111 aircraft.

PACER REAM - Inspection and rework program for the B-52D/F fleet, cancelled.

PACER REEL - Air Force reserve C-123K aircraft conversion.

PACER REPAIR - Identify movement of landing gear subassemblies.

PACER RILL - C-130E aerospace Ground Equipment spares and engines.

PACER RING - Support of the F-4 aircraft.

PACER ROAD - Requisitioning shipment and identification of materiel for 43 TFS, cancelled.

PACER ROBIN - Repair of all MS-430B facilities.

PACER ROCK - Support of F-4C aircraft, cancelled.

PACER ROLL - ARU-11A indicator swap-out program, cancelled.

PACER ROOT - Shipment of A-is and related support for Southeast Asia, cancelled.

PACER ROW - Support for Ground Quick Reaction Capability (QRC) programs, cancelled.

PACER ROYAL - Support of aircraft conversion.

PACER RUSH - Identification and movement of a peculiar (LH coded) C-5 repairable item.

PACER SABRE - Investigation of engine stalls in the F-100 aircraft, cancelled.

PACER SAFARI - Modification of various aircraft by the Air Force Logistics Command.

PACER SAFE - An Air Force Logistics Command surveillance program (WS-133).

PACER SAGE - QRC-514/AN/ALR-20 maintenance deficiencies modification.

PACER SCARF - Support expansion of Vietnam maintenance facility.

PACER SCHEME - Support of an Air Force Logistics Command oversea activities program.

PACER SCRAMBLE - A premium support program, cancelled.

PACER SHARP - Project to reduce reports and automatic data processing products.

PACER SHELL - Calibration, repair and return transactions.

PACER SHINE - Overhaul of GCA/MBL radar approach controls.

PACER SIGHT - F-4E AN/ASG-26 lead computing optical sight system modification.

PACER SILVER - Depot repair of German Air Force F-4F materiel.

PACER SING - Aggregation of LAAS contract support material.

PACER SKY - Control of non-destructive inspection equipment, cancelled.

PACER SLATS - Class V F-4 modification program.

PACER SLIM - Support for the Vietnam Air Force instrument shop and material lab.

PACER SOAR - Requisition, shipment and storage for Vietnam Air Force ATLC.

PACER SOFT - Support of F-15 aircraft.

PACER SONNET - A support action associated with airlift support for Cambodia.

PACER SPARE - T-53/T-55 engines and T-55 overhaul program, cancelled.

PACER SPEAK - A program to provide forward air controllers assigned to Army units with mobile communications systems that are rugged, securable and interoperable with Army and Air Force communications systems.

PACER SPECKLED TROUT - KC-135 support program. See SPECKLED TROUT.

PACER SPEED - B-52 field modification program.

PACER SPICE - - Shipment of selected munition items.

PACER SPRING - Identification of an Air Force requisition to other services.

PACER SPRUCE - Update to all QRC-335V/ALQ-101 ECM pods and aerospace ground equipment.

PACER STEAM - Support of WB-66D aircraft bailed to Westinghouse Corp.

PACER STOCK - A spares project, cancelled.

PACER STONE - A support agreement (Z-AG-FO-7001-0) with the Army.

PACER STOP II - Identify base requisition for PMEL.

PACER STORE - A Vietnam Air Force logistics management support program.

PACER STRAW - Control of items for Vietnam Air Force F-5A aircraft deployment.

PACER STREET - Identification and accounting for C-141 all weather landing system property, cancelled.

PACER STRETCH - A C-141 landing gear swap out program.

PACER STRIKE - Identification of 407L equipment requisitions.

PACER STRONG - Logistics support of the E-4A AABNCP system.

PACER SUMP - Monitoring of 116 TRGP equipment and spares, cancelled.

PACER SWAP II - The B-52 main landing gear program.

PACER SWIFT - Transfer C-E-M sites (Project 982), cancelled.

PACER SWITCH - CTL circuit breakers in the C-130 aircraft.

PACER SWORD - Movement of the 135 series aircraft nose landing gear outer cylinder.

PACER TAPE - Return of repairables, cancelled.

PACER TEA - A control material program.

PACER TENT - Air National Guard B-57G aircraft conversion program.

PACER TEST - Evaluate an updated overhauled J57 afterburner engine, cancelled.

PACER THIN - A support aircraft maintenance training program.

PACER THORNE - A depot level maintenance airborne communication contract, cancelled.

PACER THREE - Replace the compressors of J57 engines.

PACER THRUST - Overhaul and maintenance of sound suppressors.

PACER TONE - Replace compressors of J57 engines.

PACER TOOL - Support of a repair and overhaul facility, cancelled.

PACER TOPAZ - Support of CH-53 helicopters at NKP Thailand.

PACER TORCH - Establishment of technical repair centers.

PACER TOWN - A battle damage warehouse, 7th Air Force, cancelled.

PACER TOY - RF-4C aircraft conversion program for Air National Guard.

PACER TRACE - Supply support for the F-111 Aircraft.

PACER TRANSPLANT - A J57-21 engine afterburner service test.

PACER TREE - Support of C-7A aircraft, cancelled.

PACER TROPIC - The ES-75 (XA-1) reconditioning program.

PACER TUG - A wideband navigation aids communication system maintenance program.

PACER TUNE - C-5/TF-39 support program, cancelled.

PACER TWEED - Air Traffic control and landing system evaluation program.

PACER TWIG - An interservice peculiar item support for Southeast Asia, cancelled.

PACER TWILL - Shipment of A-37Bs and related support for Southeast Asia, cancelled.

PACER VALLEY - Support for the TF41-A-1 engine in the A-7D aircraft program.

PACER VAULT - Air National Guard T-29 Aerospace Ground Equipment support.

PACER VEST - Shipment of AC-119Ks and related support for Southeast Asia, cancelled.

PACER VIEW - B-52G/H EVS modification program.

PACER VINE - Shipment of C-130As and related support for Southeast Asia.

PACER VIOLET - Control of Aerospace Ground Equipment for activation of Air National Guard C-130 squadrons.

PACER VISTA - An Air Force Logistics Command program.

PACER VITAL - Vehicles spares support in Southeast Asia and Pacific Air Force bases, cancelled.

PACER WADE - The AN/ALQ-117 ECM set system changes program.

PACER WALTZ - The replacement of the AAU-19/A altimeter (Aeronomic), cancelled.

PACER WATCH - Support to BOMARC and SAGE sites in the CADIN and PINETREE programs.

PACER WAVE - Various aircraft reports, cancelled.

PACER WAX - Support of the AWACS RDT&E program.

PACER WEB - F-15 aircraft repairable generators program.

PACER WHALE - A C-5A test program, cancelled.

PACER WHEELS - A vehicle repair equipment project, cancelled.

PACER WINGS - Support of AC-130 aircraft, cancelled.

PACER WINK - F-105 fleet landing gear replacement program, cancelled.

PACER WISH - Support of an aircraft conversion at 165, 164, 137 MAGS and 146 TAG.

PACER WREN - Identification and control requisitions and shipments from GSA for Strategic Air Command aircraft, cancelled.

PACER YARN - Contract support program.

PACER ZINC - Shipment of spare engines for Southeast Asia, cancelled.

PACIFIC CONSORT - An air superiority and air defense exercise designed to provide US and Australian Air Force crews with experience in combined air defense techniques.

PACIFIC SEASPIDER - This deep-ocean, acoustic propagation RDT&E platform was implanted 20,000 feet below the Pacific as part of the Navy's effort to develop undersea surveillance systems. Reportedly, the program supported that service's "Caesar" (see) undersea ASW (Anti-Submarine Warfare) classification and surveillance system.

PAGE - A permanent first word nickname assigned to HQ USAF.

PAGE GAMMA - Advanced development program involving air IFF (Identification Friend or Foe); details classified.

PAID REDOUBT - A series of exercises for Air Force reserve forces that test notification and recall of units, mobilization procedures, and deployment/ redeployment of units.

PALACE - A permanent first word nickname assigned to HQ USAF.

PALACE ABACUS - Officer career management team in the computer technology field.

PALACE ACTION - Quick Reaction team.

PALACE AD - Officer career management team in the administration field.

PALACE AIM - Retraining of missile maintenance personnel.

PALACE ARMOR - Retraining program.

PALACE BADGE - Officer career management team in Security Police and OSI fields.

PALACE BLUEPRINT - Initially, this program brought together the career-development monitors and the assignment officers in the Army in the civil-engineering career field. The concept has spread to other functional areas such as personnel, administration, and logistics.

PALACE BROADEN - An officer career management team in non-career specialties.

PALACE CHASE - A program for transferring volunteers to the Air National Guard and Air Force reserves.

PALACE CHOPPER - An officer career management team for helicopter pilots.

PALACE CLAWS - Classification of airmen by weapons system.

PALACE COBRA - A plan to enable major commands to judge for the coming pilot ratios.

PALACE COMM - An officer career management team in the communications and electronics fields.

PALACE CONTROL - Retraining program to fill 274 X0 vacancies.

PALACE CRUSADE - The quality of U.S. advisors in the Royal Vietnamese Navy, cancelled.

PALACE CURTAIN - Procedures on base closure actions.

PALACE DIAMOND - A plan for restructuring Air Force Reserves.

PALACE DOG - A contingency TDY program.

PALACE DOLLAR - An officer career management team in the comptroller fields.

PALACE DRAGON - One of the types of volunteer programs by which airmen who desired to get off their present base could volunteer for duty on an aircrew in Southeast Asia.

PALACE DUAL - A program to identify personnel quality in 2nd AFSC, cancelled.

PALACE EAGLE - An integrated avionics volunteer retraining program.

PALACE EGRESS - A counseling and assignment program in support of Egress Recap program, cancelled.

PALACE FILL - A reliability test of USAFR data base, cancelled.

PALACE FIRST - A plan for improving Air Force Systems Command project 100x0, cancelled.

PALACE FLICKS - A super 8 film project for CBPOOS.

PALACE FLY - An Air Force Systems Command retraining program.

PALACE FOCUS - A report program for top level management, cancelled.

PALACE FRONT - A counsel separating active personnel in the Air National Guard and Reserves.

PALACE FURLOUGH - A temporary rated release program.

PALACE FUSE - This provided immediate assignments to airmen stationed overseas whose tours were curtailed, or whose new assignments were not received within sixty days of scheduled return.

PALACE GUN - One of the types of volunteer programs by which airmen who desired to get off their base could volunteer for duty on an aircrew in Southeast Asia.

PALACE HOMECOMING - Career counseling and reassignment of returned POWs.

PALACE INFO - Officer career management team in the information and band fields.

PALACE JUNCTION - A retirement modernization act.

PALACE KNIGHT - Retraining of NCO supervisors and superintendents.

PALACE LAUNCH - APDS implementation and conversion program.

PALACE LIME - Airmen out of cycle and high priority manning projects.

PALACE LOG - Officer career management team in the logistics field.

PALACE MAN - Officer career management team in the logistics field.

PALACE MANPOWER - Officer career management team in the missile commander, operations and maintenance fields.

PALACE MOVE - A measurement of volunteer effectiveness, cancelled.

PALACE NAF - Assignment of highly qualified Officers and Airmen to NAF activities.

PALACE OPTION - A program to bring selected Air Force ROTC officers on active duty for 90 days vs 4 years.

PALACE PANEL - Program to solicit volunteers for retraining into the Air Force Systems Command.

PALACE PAR - Management of the Social Actions program, cancelled.

PALACE PIX - Photographic coverage of all Air Force career areas by AAVS, cancelled.

PALACE PRECISION - Personnel strength adjustments program, cancelled.

PALACE PRELUDE - A personnel exercise in support of the High Heels exercises.

PALACE QUALITY - A quality evaluation of personnel in the Air Force, cancelled.

PALACE READY - Periodic test of personnel mobilization procedures.

PALACE RELEASE - Notify and assist when a prisoner release occurs, cancelled.

PALACE RETIREMENT - Retirement in lieu of PCS assignment action.

PALACE RING - A plan for restructuring Air Force Reserve Airmen.

PALACE SATCOM - Career retraining into Air Force Systems Command.

PALACE SCHOLAR - Officer career management team in the instructor, educational, and training fields.

PALACE SCOPE - A weapons director for space system management teams.

PALACE SECURITY - A program to reduce security incidents within DCS, cancelled.

PALACE SENTINEL - Officer career management team in the intelligence field.

PALACE SPARKS - Volunteers for aircrew duty overseas, cancelled.

PALACE SPOT - Officer out of cycle manning for Southeast Asia, cancelled.

PALACE SPOTLIGHT - Major Command staff assignment program.

PALACE STEP - A special training and enrichment program.

PALACE THRESHOLD - AFEES visitation program.

PALACE VECTOR - Officer career management team in the systems program management field.

PALACE VISTA - Career development intercommand assignment program.

PALACE WEATHER - Officer career management team in the weather field.

PALACE WINGS - Officer career management teams as rated officers.

PALM SECURE - A SIGINT (Signal Intelligence) project of the CIA to provide the Egyptian Government's SIGINT needs. Involves Ford Aerospace & Communications/Palo Alto and General Electric/ Valley Forge.

PANDA - A permanent first word nickname assigned to the Air Force Communications Service (AFCS).

PANEL - A permanent first word nickname assigned to HQ USAF.

PANEL TOP - A proposed manpower reduction program, cancelled.

PAPA - A permanent first work nickname assigned to the Alaskan Air Command (AAC).

PAPER - A permanent first work nickname assigned to HQ USAF.

PAPER ZIP - Mail movement during a postal service interruption.

PARDON - A permanent first word nickname assigned to HQ USAF.

PARKING LIGHT - Reportedly another designation for the RED MILL (see) program, under which the Air Force carried out development of the forward scatter radar detection and surveillance systems that now make up that service's 440L over-the-Horizon Radar system (see OTHR).

PARTY - A permanent first word nickname assigned to the Air Training Command (ATC).

PASSIVE GLOVE - Acurex received a contract for the system from NASA. No details available.

PATCH - A permanent first word nickname assigned to HQ USAF.

PATCH BIG - A medical supply program-assemblages.

PATCH BUGGIE - A medical supply program on biological warfare and chemical warfare defense agents.

PATCH COLLECT - A medical supply program not otherwise identified.

PATCH FIXED - A medical supply fixed facility expansion program.

PATCH FLIGHT - A medical supply aeromedical evacuation unit program.

PATCH NOISE - A medical supply nuclear casualties program.

PATCH SAFE - Special handling of sensitive medical material cargo.

PATCH SMALL - A medical supply air transportable clinic program.

PATCH STAGE - A medical supply aeromedical staging units program.

PATCH TYPE - A medical supply blood collection and processing program.

PATCH UP - Emergency medical capabilities program.

PAVE - A series of Air Force efforts concerned with the development of night avionics systems, laser target designators and related armament. (ML and EO)

PAVE AEGIS - An Air Force program to develop and deploy a 105 mm howitzer gun in a Lockheed AC-130 gunship, cancelled.

PAVE AIMS - Refers to DOD directed AIMS (see) program.

PAVE ALPHA - A terminal guidance study sponsored by USAF, cancelled.

PAVE ARM - See BRAZO. (MS)

PAVE ARROW - An Air Force night vision program in which pod-housed sensors were attached to wings of F-100 aircraft. These sensors acquired laser illuminated targets and allowed the pilot to direct either conventional or Paveway (see) bombs against them.

PAVE BANG - A joint service test on preferred and alternate explosive fills.

PAVE BLIND BAT - A Korad laser illuminator and Xerox night vision device to permit AC-130 crews to designate targets up to 18,000 feet in darkness.

PAVE BOW - Night avionics for Air Force 0-2 aircraft.

PAVE BOX - A dispenser for the B-57 aircraft. (ES)

PAVE BRAZO - Flight demonstration of anti-radiation missile air-to-air seeker; involves Hughes Aircraft. (MS)

PAVE BUCKET - Defoliant tests conducted by USAF, cancelled.

PAVE BUFF - Believed to be a follow-on to the PAVE PHANTOM program which was designed to obtain ARN-92 equipments in a hurry for use in Southeast Asia. Both projects involved use of Loran C/D equipment for positioning aircraft for precision bombing. It was initiated in 1974 and configured in the B-52D aircraft, but was cancelled.

PAVE CLEAR - An addition to the AN/FPS-27 radar, cancelled.

PAVE COIN - USAF Aeronautical Systems Division program for test and evaluation of an off-the-shelf commercial aircraft capable of performing counter-insurgency (COIN) missions and possessing a STOL capability. Tests were made at Eglin AFB, FL, evaluating Fairchild Industries' Peacemaker (Turbo-Porter) and the Helio H-550A Stallion, cancelled.

PAVE CRICKET - A classified Air Force mini-drone program.

PAVE CROW - Development, and application to specific aircraft, of detection and interdiction techniques to be used against ground vehicles, cancelled.

PAVE CUPS - Computer updating program for SAC automated command & control systems.

PAVE DANCER - An advanced dispenser weapon program.

PAVE DELTA - An Air Force air-to-air missile warhead lethality program.

PAVE DEMON - Advanced cluster weapon concept.

PAVE DEUCE - An Air Force program to modify General Dynamics Convair F-102 interceptors and F-104 fighters into PQM-102 drones to provide realistic training targets for the McDonnell Douglas F-15. As many as 325 F-102s and F-104s may be involved.

PAVE DOT - Night avionics for Air Force O-2 aircraft.

PAVE EAGLE - An Air Force program under which Beech U-22 Bonanza aircraft were reconfigured into QU-22B electronic intelligence gathering drones. The system was never deployed. The program was cancelled. (ES, MS)

PAVE FIRE - This system is mounted on the F-4D aircraft.

PAVE GAMMA - An Air Force program concerned with development of a processor that searches for and analyzes modulation signals imposed on radar returns by aircraft engines. The dual mode recognition techniques are being tested in the F-15 APG-63 radar.

PAVE GAT - A sensor-slaved gun system used on various night attack aircraft by the Air Force, cancelled.

PAVE GULF - A system of three radars being developed to scan the Gulf of Alaska area; an offshoot of the SEEK IGLOO program to aid the Alaska Air Command air defense and air traffic control, in protection the Gulf of Alaska area.

PAVE HAWK - An Air Force program aimed at applying night vision devices and systems such as low-light-level television (see LLLTV) to drones.

PAVE IMP - An Air Force night vision program under which HH-53Cs were equipped with low-light-level television (see LLLTV) cameras, providing the aircraft with the all-weather capability to rescue downed airmen. The program replaced the service's PAVE STAR (see) program, cancelled.

PAVE JOY - Designation applied by the Air Force to the AGM-80A air-to-ground attack missile, cancelled.

PAVE KNIFE - A night vision system used on Air Force F-4Ds. The system consists of a forward-looking infrared sensor that acquires targets at night, and a laser designator that illuminates targets for guided weapons or visual attack. It is being replaced by PAVE SPIKE. Also involved Navy contracts with Ford Aerospace & Communications/Newport Beach, CA. (ML & EO)

PAVE LANCE - An advanced version of the Air Force PAVE KNIFE (see) system, which enabled McDonnell Douglas F-4 aircraft to accurately pinpoint ground targets and deliver weapons in total darkness. The program was cancelled in favor of SCANA (see).

PAVE LAP - A proximity fuze for hard bombs.

PAVE LIGHT - Development of a target designator by USAF.

PAVE LOW - A joint Army/Air Force flight test program designed to investigate expansion of existing capabilities for night recovery of downed airmen. The Sikorsky HH-53 with a Norden radar system will be used. (ML and EO)

PAVE MACE - An Air Force program aimed at developing techniques for destroying mobile ground targets from the air.

PAVE MINT - An Air Force program to incorporate the AN/ALQ-172 electronic countermeasures system into F-15 and B-52G aircraft.

PAVE MOON - Nickname applied to the training program for the Air Force PAVE GAT system (see).-(ES)

PAVE MOVER - An Air Force program providing an allweather capability for locating and destroying ground targets. (EW, RS)

PAVE NAIL - An Air Force program under which OV-10 observation aircraft were modified for service as night forward air control and strike designation aircraft.

PAVE NICKEL - A time-of-arrival/distance measuring system ultimately using drones or RPVs (Remotely Piloted Vehicles) as airborne platforms, relays and strike vehicles. The system will be used for radiating target location and strike, cancelled.

PAVE ONYX - A time-of-arrival technique developed by the Air Force's Rome Air Development Center for use by unmanned aircraft to locate enemy radars so other aircraft can attack them, cancelled. (ES)

PAVE PAT - Fuel air explosive weapons (see FAEW) developed by the Air Force. PAVE PAT I was a bomb for use aboard low performance aircraft. PAVE PAT II is a 2500 lb. weapon for use with high performance aircraft.

PAVE PAWS - An Air Force phased array radar system; Objective is to provide two sites, each consisting of a dual face phased array radar capable of detecting an SLBM attack on the Continental U.S. and to provide warning and assessment data to the NORAD Cheyenne Mountain complex and Strategic Air Command. SEE SLBM (ES)

PAVE PENNY - Laser target identification system which detects and tracks targets illuminated by a ground based or airborne laser designator. This

system was developed and manufactured by Martin-Marietta. It has been installed on A-7D and A-10 aircraft and is intended also to be used on F-16 aircraft. (ES, MS) (ML and EO)

PAVE PEPPER - An Air Force SAMSO (Space & Missile Systems Organization) project to decrease the size of the Minuteman III warheads and allow for more to be launched by one Minuteman. (MS)

PAVE PHANTOM - An Air Force project aimed at providing F-4 aircraft with a near-blind bombing capability by reprogramming the AN/ARN-92 computer and retrofitting the processing portion of the receiver to enhance system precision, cancelled. (ES)

PAVE PILLAR - Air Force project that would use digital avionics to integrate aircraft avionics systems into a standard package. (ES)

PAVE PINE - An experiment involving over-the-horizon radar propagation.

PAVE POINTER - A program to develop and test an automatic target surveying system which used a laser designator/ranger coupled with a night observation device.

PAVE PRISM - A joint Air Force/Navy evaluation of active radar guidance warheads and new passive infrared wide-attack-angle guidance heads for the AIM-9L Sidewinder (see) air-to-air missile.

PAVE PRONTO - USAF AC-130 aircraft (see GUNSHIP) outfitted with night vision devices for vehicle and personnel interdiction missions in SEA. LTV Electrosystems modified five Lockheed Hercules under an (Aeronautical Systems Division contract, cancelled. (ES)

PAVE PROOF - An AIM-7E/7E-2 improvement program, cancelled.

PAVE PROX - A proximity fuze for hard bombs.

PAVE RADIO - The acquisition of AN/ARC-XXX airborne UHF radios.

PAVE RENDEZVOUS - An evaluation of transponders with gunship capability.

PAVE ROAD - Bomblet development for SUU-30 dispenser undertaken by USAF, cancelled.

PAVE ROCK - A warhead for 2.75 inch rockets designed to penetrate aircraft shelters.

PAVE SAFE - A security of nuclear weapons program. Involves Mottes Building Systems, Gwinn, MI.

PAVE SCOPE - Air Force program aimed at integrating target acquisition aids on tactical fighter aircraft with electro-optical guided weapons to determine effects of lock-on and launch ranges and operational flexibility, cancelled.

PAVE SESAME - An Electronic Countermeasures (ECM) development for F-4 aircraft.

PAVE SHIELD - Infrared suppression program.

PAVE SOURCE - A secure voice transmission system used by JCS in 493L.

PAVE SPECTRE - The AC-130 gunship follow-on development program.

PAVE SPIKE - Laser pod for the F-4D&E aircraft, used for acquiring and designating ground targets for laser-guided weapons. It is replacing the PAVE KNIFE pods, may also be used aboard other aircraft. (ML & EO)

PAVE SPOT - An Air Force night observation system used on Air Force Cessna 0-2A and Rockwell International OV-10 forward air controller aircraft. The system consists of a special night-time stabilized periscopic sight and a combination laser illuminator and rangefinder that enables observers to pick out ground targets at low ambient light level and pinpoint them for attack aircraft, cancelled.

PAVE STAR - An Air Force project aimed at equipping HH-53 helicopters with night observation devices, covert viewing systems, doppler navigation equipment and terrain-following radar, all of which will provide the aircraft with an all-weather, night rescue capability.

PAVE STICK - Development of the BLU-34/B general purpose bomb by Air Force Armament Development & Test Center, cancelled. (ES)

PAVE STORM - A non-nuclear tactical air-to-surface munition system similar to PAVE MACK (see) for missiles. It is a modular glide weapon capable of TV-data link and distance measuring equipment guidance options.

PAVE STRIKE - An Air Force program which surfaced in the aftermath of the Middle East conflict, to improve capability to suppress enemy air defenses and enhance the overall tactical air capability of the Air Force. Part of the system will include the GBU-15 data link pod which will receive a picture of the target from the TV camera in the nose of the bomb and transmit course-correction signals, providing improved stand-off capability and increasing bombing accuracy.

PAVE SWORD - An Air Force night vision program which equipped McDonnell-Douglas F-4Ds with pod-housed sensors used on F-100s under PAVE ARROW program (see). The aircraft attack radar is boresighted to a laser seeker so the aircraft is cued to a laser-illuminated target, cancelled.

PAVE TACK - An Air Force improved tactical bombing program. The system will contain FLIR (Forward Looking Infrared Radar) and laser target designator pods for F-4 and F-111 aircraft. It will acquire, track and laser-designate ground targets, or deliver imaging infrared and unguided ordinance. (ES, MS, ML and EO)

PAVE TALK - Involves use of the AN/AVQ-25 laser ranger designator.

PAVE TIGER - A classified Air Force program to develop a mini-drone with quick reaction capability.

PAVE TOP - Obsolete program to develop an internal defoliant dispenser.

PAVE TRAIL - Development of a classified family of guided bombs.

PAVE TWIN - An executive kit for C-12 MAAG and attache aircraft.

PAVE WAY - An Air Force project aimed at developing laser-guided bombs. (ML & EO)

PAVE WAY II - Similar to PAVE WAY munitions except that they have been fitted with "pop out" tail fins which allow better aerodynamic performance. These munitions include Mk 82 LGB, Mk 83 LBG and Mk 84 LGB. (ML & EO)

PAVEWAY III - The latest development in the Paveway line. The program is also called Low Level Laser Guided Bomb (LLLGB). (ML&EO)

PEACE - A permanent first word nickname assigned to HQ USAF.

PEACE ALPHA - An aircraft program for Spain, cancelled.

PEACE ALTER - Existing two-dimensional AN/FPS-113 radars modified with look-down capability, linked to Iran's integrated national telecommunications system.

PEACE AMAZON - F-5 aircraft for Brazil.

PEACE ANDES - A-37B aircraft for Chile.

PEACE ANDES II - T-37B aircraft for Chile.

PEACE ANDES III - T-37B aircraft for Chile.

PEACE ANDES IV - A-37B aircraft for Chile.

PEACE APPROACH - A radar approach control system for Iran, cancelled.

PEACE ARBOR - Modernization of the Turkish Air Force, cancelled.

PEACE ARBOR II - Modernization of the Turkish Air Force F-100 aircraft, cancelled.

PEACE ATHENA - AGM-12B aerospace ground equipment for Greece, cancelled.

PEACE BASKET - Corrosion treatment and maintenance of F-5 aircraft in Vietnam, cancelled.

PEACE BASKET II - Corrosion treatment and maintenance of F-5 aircraft for Vietnam, cancelled.

PEACE BETA - Foreign Military Sales of the C-130H aircraft.

PEACE BOOK - A Vietnamese Air Force program, cancelled.

PEACE CABLE - An earlier Iranian program to lay national phone lines to connect many of the electronic phone exchanges installed by GTE.

PEACE CROWN - Automation and modernization of the Iranian air defense system. The U.S. government functions as system integration contractor; the Air Force Electronic Systems Division is program manager. The name was changed to SEEK SENTRY, cancelled.

PEACE CRUSADE - NATO co-production of the F-16 aircraft.

PEACE DHOW - Modernization of the Kuwait Air Force.

PEACE DIAMOND - The F-4E program for Turkey.

PEACE DJEM - F-5E and F-5Fs for Tunisia.

PEACE DRAGON - The A-37B program for Ecuador.

PEACE EAGLE - F-15s for Japan.

PEACE ECHO - A foreign military sales program for F/RF-4 aircraft.

PEACE EDGE - CAF radar system upgrade program.

PEACE EXTENSION - A communication system for Greece, cancelled.

PEACE FALCON - Six complete fixed Tacan facilities for Iran.

PEACE FARROW - The F-4 program for Egypt.

PEACE FIX - Iran/Indonesia C-130 aircraft.

PEACE FORTUNE-2 - A project which Ford Aerospace & Communications undertook to expand the South Korea military microwave net.

PEACE FOX - Foreign Military Sales of F-15 aircraft to Israel.

PEACE FOX II - Foreign Military Sales of F-15C/D aircraft to Israel.

PEACE GLIDE - An instrument landing system for Turkey under the Military Assistance Plan.

PEACE GREEN - Royal Hellenic Air Force communications system provided under the Military Assistance Program.

PEACE GUARD - An Air Force project aimed at equipping aircraft such as the F-4E with AN/ALQ-71 and AN/ALQ-72 electronic countermeasure systems.

PEACE HAWK - A fifth and final phase in the modernization of Saudi Arabia's Air Force, involving approximately 100 Northrop F-5s.

PEACE HAWK VII - Program under which Northrop provides training, maintenance and supply services for Saudi Arabian F-5 aircraft.

PEACE HERCULES - Foreign Military Sales of C-130H aircraft to the Congo, cancelled.

PEACE ICARUS - Foreign Military Sales of F-4E aircraft to Greece.

PEACE INCA - A-37B aircraft for Peru.

PEACE INDIGO - An Air Force communications and surveillance system established in 1967 in India.

PEACE INDOCOM - Military Assistance Plan upgrade of Indonesian Air Force Air Training Command ground navigation and communication equipment.

PEACE INDUS - T-37C aircraft for Pakistan.

PEACE IRACLIES - C-130H aircraft program for Greece.

PEACE JACK - Modification of the F-4 for Israel.

PEACE JAR - Jordan F-5 program.

PEACE JESTAL - A-37B and T-37B for El Salvador.

PEACE JETHON - A-37B aircraft program for Honduras.

PEACE JEWEL - Foreign Military Sales of 30 T-38 aircraft to Turkey.

PEACE KEEPER - A JCS (Joint Chief of Staff) exercise.

PEACE KOALA - A C-130H FMS aircraft program which contemplates 12 aircraft and involves Lockheed-Georgia Company.

PEACE LAKE - C-123K program for Laos, cancelled.

PEACE LANCE - F-4D aircraft for Korea.

PEACE LAND - A Foreign Military Sales modification and update of F-111C aircraft.

PEACE LIMA - The C-130H aircraft program to Peru.

PEACE LINK - A Military Assistance Program Troposcatter communications system for Turkey.

PEACE LLAMA - T-37B aircraft program for Bolivia.

PEACE LLAMA I - F-5 aircraft program for Chile.

PEACE LOG - A supply and logistics tracking system for the Imperial Iranian Air Force.

PEACE LOOKOUT - German RF-4E Foreign Military Sales Program, cancelled.

PEACE MARBLE - Foreign Military Sales of 75 F-16 fighters to Israel.

PEACE MARE - Military Assistance Program of aircraft for Indonesia, cancelled.

PEACE MAYA - C-47 aircraft for Guatemala.

PEACE MODERN - T-33A aircraft for Indonesia, cancelled.

PEACE NEEDLE - Korean F-5B aircraft program.

PEACE NEIGHBOR - C-130H aircraft program (country unknown).

PEACE OASIS - F-5B aircraft for Jordan.

PEACE OWL - An Iranian simulation range for testing aircraft radar homing and warning systems, cancelled.

PEACE OX - F-5B aircraft for the Republic of China.

PEACE PACK - An aircraft overhaul depot in Spain.

PEACE PALACE - AT-33 aircraft program for Ecuador.

PEACE PANTHER - An Air Force project under the Aeronautical Systems Division.

PEACE PAR - A program under which Raytheon provides the Australian government with elements of the AN/TPN-19 landing control system developed and produced for the Air Force.

PEACE PARROT - An Iranian Foreign Military Sales program, cancelled.

PEACE PEEK - Electronic equipment and support provided by E-Systems for West Germany's Atlantic patrol aircraft.

PEACE PEGASUS - AGM-12C Aerospace Ground Equipment for Greece, cancelled.

PEACE PEREGRINE - F-4 aircraft program for Saudi Arabia.

PEACE PHANTOM - German Foreign Military Sales Program for the F-4F.

PEACE PHARAOH - Foreign Military Sales of 35 F-4E aircraft to Egypt.

PEACE PICTURE - A Chinese RF-104G camera modification project, cancelled.

PEACE PILLAR - Foreign Military Sales of C-130 aircraft to undisclosed country.

PEACE PILOT - T-37 aircraft program for Jordan.

PEACE PINE - Philippine C-123K program, cancelled.

PEACE PLATA - A-37Bs for Uruguay.

PEACE PODS - ECM equipment for Saudi Arabia.

PEACE PONY - Special Military Assistance Program support for Indonesia, cancelled.

PEACE PORTAL - Location of the Peace Arch program in Washington, D.C.

PEACE POST - T-28 modification & reconditioning program.

PEACE PROP - An Air Force program for rework of T-28 aircraft by Fairchild Industries. Modification included installation of wing pylon attack points for weapons carriage, a gun sight system, new cockpit panel, switches, wiring and an updated avionics package.

PEACE PYLON - Transfer of eight F-5E aircraft to unnamed destination.

PEACE QUEEN - F-5E program for Ecuador.

PEACE RANGER - Military Assistance Program Gap Filler radar project.

PEACE REED - Foreign Military Sales of C-130 aircraft to undisclosed country.

PEACE REEF - Lease of F-4E aircraft. See also PROJECT PEACE REEF.

PEACE RENO - Korean C-123K program, cancelled.

PEACE RHINE - A program funded by the West German government that utilizes the LRU-1 computer with extra interface circuitry on West German F-4Fs, providing a radar ground mapping capability to improve air-to-ground weapons delivery. Involves Air Force Aeronautical Systems Division and Veda/Arlington, VA.

PEACE RIDE - A deferred RTAF radar improvement Military Assistance Plan.

PEACE ROLL - F-4E aircraft to Iran.

PEACE ROLL II - F-4E program for Iran.

PEACE ROTOR - H-34 Helicopters for Indonesia.

PEACE RUBY - An Air Force aircraft warning and control system that is part of the nation-wide telephone, telegraph, television and wideband telecommunications network being built by an American consortium for the Iranian Ministry of Post, Telephone and Telegraph.

PEACE RUSH - F-5E program for Iran.

PEACE RUSH II - Iranian F-5s.

PEACE RUSH III - F-5Es for Iran, cancelled.

PEACE SAFARI - F-5s for Kenya.

PEACE SAND - F-5B aircraft for Jordan, cancelled.

PEACE SCEPTRE - A Ford Aerospace & Communications built microwave communications network in Iran, installed there as part of U.S. foreign military assistance.

PEACE SLATS - A Foreign Military Sales program for kits and support for the F-4E for Israel.

PEACE SPARK - AN/TPS-43D radars.

PEACE STAR - Foreign Military Sales of ECM equipment.

PEACE STATION - Foreign Military Sales Program B-707 tankers for Iran.

PEACE STRIKE - Foreign Military Sales of F-5B/E aircraft to Malaysia.

PEACE STRIKE - Foreign Military Sales Program B-707 tankers for Iran.

PEACE SUN - Foreign Military Sales of F-15C/D aircraft to Saudi Arabia, including construction and modification of technical and other facilities.

PEACE SUPPLY - Logistic support to Israel.

PEACE SWITCH - A communications study for Iran.

PEACE TAMER - A Boeing infrared evaluation program.

PEACE TEACHER - T-37 aircraft for Korea.

PEACE TEAK - C-123K program for Thailand.

PEACE THAI - UH-1Ns for Thailand.

PEACE THRIFT - A Military Assistance Program transport and training aircraft requirement.

PEACE TIGER - F-5E program to the Republic of China.

PEACE TIKAL - A-37B aircraft for Guatemala.

PEACE TIKAL II - A-37Bs for Guatemala.

PEACE TRAIN - Foreign Military Sales of a radar simulator to Japan.

PEACE TURN - Foreign Military Sales kits and support of the F-4E for Iran.

PEACE UPLOAD - NATO air munition stocks and delivery techniques update, cancelled.

PEACE VECTOR - Foreign Military Sales of 40 F-16 aircraft to Egypt.

PEACE VIOLET II - Additional F-102s for Greece.

PEACE WINGS - A classified exchange-acquisition program between the United States and Canada to modernize the Canadian interceptor fleet's fire control capability. LTV Electrosystems is prime.

PEACE ZEBRA - Purchase of 160 F-16 aircraft by Iran from the U.S. Under the Ford Administration, DOD proposed that delivery begins in March 1979, a year ahead of schedule. The Carter Administration was to decide on delivery schedules.

PEDRO RECRUIT - A Marine Corps missile evaluated for the F-4J aircraft. It is mounted at an angle to the fuselage center line to prevent interference with the nose landing gear.

PEER MATCH - Technical assistance effort being developed and implemented by International City Management Association under contract from the Community Services Division of the Department of Housing and Urban Development.

PENCIL PUSHER - A deep underground silo basing mode for the MX being studied by Lawrence Livermore Laboratory.

PENNY - A permanent first word nickname assigned to HQ USAF.

PENNY COUNTER - A mobile air transportable Univac 1050 II computer system.

PENNY MONITOR - A career management program, cancelled.

PERKY - A permanent first word nickname assigned to the USAF Southern Command.

PET - A permanent first word nickname assigned to USAF in Europe.

PIERCE ARROW - Name for reprisal bombing of North Vietnam after the Tonkin Gulf incident.

PILE DRIVER - A classified DARPA project.

PILOT FISH - A classified Navy program which apparently involves placing a transmitter on the ocean bottom to pick up sonar data from approaching enemy submarines and transmit it to ASW craft.

PIPE CLEANER - An Air Force project for which a few B-47E aircraft were modified.

PLANE JANE - Air Force AC-130 gunships (see GUNSHIP) used in Southeast Asia, later modified into a SURPRISE PACKAGE (see) configuration.

PLUME SHIELD - A Navy experiment under the Naval Research Laboratory.

POCKET VETO - A tethered balloon-borne radar for air surveillance of the Florida Straits.

POINT BLANK - Joint Chiefs of Staff directed and coordinated exercise.

POLAR CAP - A program in support of the CONUS OTH concerned with the effects of ionospheric variations which occur quite frequently in Arctic regions. Tests have been made to determine the feasibility of deploying an operational radar within the polar cap region. (ES)

POLAR CAP III - A joint U.S./Canada cooperative research and development program to test OTH (over-the-horizon) radar at a Canadian site near the North Pole.

POLE VAULT - An on-going classified program of the Defense Communications Agency.

PONY EXPRESS - Part of the Air Force Advanced Detection System Development to monitor nuclear explosions.

POST CARD - A classified program of the Defense Communications Agency.

POT LATCH - An amphibious exercise for the Marines held in conjunction with Canadian forces. It was designed to test helicopter-supported land operations against enemy forces.

POWER BOX - Another designation applied to the airborne emergency communications system known as Black Fox (see).

POWER EYE - A change of engines program for the Crusader aircraft to improve wiring, electrical performance and performance of the RF-8G, an aircraft used for photographic surveillance and reconnaissance.

PRACTICE NINE - Initial project name for the "McNamara Line." Underwent considerable change and was later known as DOUBLE EAGLE, DUAL BLADE and IGLOO WHITE. Sensors were installed as an electronic barrier of anti-intrusion devices, detection systems and warning devices across the DMZ in Vietnam.

PRAIRIE MASKER - A Naval Sea Systems Command program concerning development of centrifugal air compressors, forced draft blowers, main boiler and superchargers.

PRAIRIE SCHOONER - Advanced submarine surveillance program includes optical system technology, acoustic processing applications, photographic developments, direction finding and displays, digital recording applications, and laser signal detection capabilities. The Naval Ocean Systems Center is sponsoring the work.

PRAIRIE STAR - An Army program aimed at developing a single tactical trunking and switching system that will perform some of the tasks planned for the MALLARD (see) project. First phase of the program will explore existing mobile tactical switching units, the second would convert a hybrid switching system to a pure digital communications package.

PRAIRIE WAGON - A classified intelligence sensor collection system. It is a computer controlled system involving the AN/WSQ-(). GTE/Sylvania received the contract from the Navy.

PRIME ARGUS - A Defense Research Projects Agency program which is a form of VELA follow-on. The designation applied to the reoriented nuclear test detection effort that followed the Air Force's Project VELA (see) and preceded launching of the Integrated Satellite (see). The programs handled under PRIME ARGUS included nuclear proliferation analysis, nuclear test location prediction, and detection of countermeasures developed to offset capabilities and techniques developed under Project Vela.

PRIME RATE 75 - A global communications exercise designed to test global communications systems and reporting procedures.

PRISCILLA ELLEN - A network of eight long-range ground-air-ground high frequency communications stations that augment existing Air Force Communications Service facilities, provide conventional ground-air-ground traffic with military aircraft, and provide for secure teletype communications. Two stations are located in the United States, and the other six at Air Force installations in the Pacific.

PROGRAM OASIS - An Air Force program for automated battlefield data processing and analysis.

PROGRAM SAFE - A computerized CIA program involving Burroughs and TRW.

PROGRAM SOUSSA - A classified program being developed by Aerospace

Systems/Burlington for NASA/Langley Research Center.

PROGRAM WS-428A - The designation, formerly applied to the Air Force Tactical Information Processing and Interpretation effort (see TIPI/MAGIS), which is now melded with the navy's Marine Air/Ground Intelligence System. (MAGIS)

PROGRAM 1368 - An Air Force effort aimed at analyzing lightweight materials, developing airframe structural configurations to which these materials can be applied, and determining which airframe components of anticipated future Air Force aircraft will derive the most benefit from the application of lightweight materials. The materials involved include beryllium and diffusion-bonded titanium.

PROGRAM 1559 - Designation applied to the Air Force PAVE SPOT program (see), a lightweight target acquisition and designation system that incorporates the FLIR (Forward Looking Infrared) developed by Texas Instruments.

PROGRAM 244 - Designation applied to the Defense Satellite Communications System, also known as the Tactical Satellite Communications Program (see DSCS/TACSAT).

PROGRAM 266 - An early designation for the current Program 647 (see). (MS)

PROGRAM 279 - Designation applied to the Air Force 494L Emergency Rocket Communications System (see ERCS).

PROGRAM 287 - Designation applied to the Air Force Manned Orbiting Laboratory.

PROGRAM 313 - Designation applied to the Air Force Defense Data Relay Satellite, a "tracking station in space" that will replace a large number of ground stations around the world. The satellite will interrogate other military satellites, relay collected data to Air Force Satellite Control network ground stations, and relay commands from these ground stations to other defense satellites.

PROGRAM 4043 - An Air Force program aimed at developing countermeasures techniques of severing communications, guidance and identification links employed by enemy forces to direct manned and unmanned interceptors, missiles and aerospace weapon systems.

PROGRAM 405B - An Air Force high capacity spaceborne laser communication system.

PROGRAM 407L - The Air Force Tactical Air Control System of air surveillance and control equipment. It provides mobile tactical communications systems to link detection, tracking and display systems, and disseminate air surveillance information.

PROGRAM 411L - The Air Force Airborne Warning and Control System (see AWACS), which provides airborne early warning of a bomber threat, and command and control of Tactical Air Command and Air Defense Command interceptors. (ES)

PROGRAM 412L - An Air Weapons Control System in West Germany. Ford Aerospace & Communications, Willow Grove, PA, handled the maintenance contract for the Air Force.

PROGRAM 414L - An Air Force project aimed at developing over-the-horizon

backscatter-type radar that will provide long-range surveillance, detection and tracking of aircraft at extended ranges from Continental United States borders. (ES)

PROGRAM 416M - The Air Force Back-Up Interceptor Control system (see BUIC), which provides back-up control of Air Force interceptor forces.

PROGRAM 418L - The Air Force Ryukyu Air Defense System (see RADS), a semi-automatic air defense system that provides detection, tracking and control of interceptors of airspace intruders in the Pacific area.

PROGRAM 427M - A system to acquire, with growth potential, new and improved data processing equipment, software displays and communications for the NORAD Cheyenne Mountain Complex for the purpose of providing a responsive and reliable capability. (ES)

PROGRAM 433L - The Air Force Weather Observing and Forecasting System, an electronic meteorological system that provides weather observations, information studies and weather forecasts in support of military operations.

PROGRAM 435A - Designation applied to the Navy Navigational Satellite System (see NNSS). (MS)

PROGRAM 437 - A highly classified Air Force project.

PROGRAM 440L - The Air Force Over-the-Horizon Radar system (see OTHR), a high frequency forward and back-scatter radar that provides for the detection of missile launches at long range, and for the detection and location of an airborne threat. (ES)

PROGRAM 441A - Designation applied to the AN/FPS-95 radar system development program. Also known as Cobra Mist (see).

PROGRAM 441D - The designation applied to the Air Force efforts to develop an over-the-horizon backscatter radar.

PROGRAM 451D - USAF Electronic Systems Division program (also known as COMBAT GRANDE) to upgrade the Spanish air defense system.

PROGRAM 461 - Designation applied to the Air Force Midas satellite (see), which was developed to provide early warning of ballistic missile launches and which is now Program 647 (see). (MS)

PROGRAM 466L - An intelligence gathering system with the Associated Dedicated Communications Networks. A program out of Kelly AFB, TX.

PROGRAM 467 - Designation previously applied to the Air Force Integrated Satellite (see), which is now designated PROGRAM 647 {see}. (MS)

PROGRAM 469L - The Air Force Conversion of Range Telemetry Systems (see CORTS), which provides three Air Force test ranges with UHF telemetry ground systems.

PROGRAM 474L - The Air Force Ballistic Missile Early Warning System (see BMEWS), which provides detection and location of missiles launched against Canada, England and the United States.

PROGRAM 474N - The Air Force Sea Launched Ballistic Missile Warning System (see SLBM), a line of sight radar system that provides warning and detection of sea-launched ballistic missiles in the Atlantic, Gulf and

Pacific coastal regions.

PROGRAM 481A - Designation applied to the Strategic Air Command Airborne Data Automation system (see SAC-ADA), which was formerly called the Post Attack Command and Control System Airborne Data Automation system.

PROGRAM 485L - See TACSI. (ES)

PROGRAM 487L - The Air Force Survivable Low Frequency Communications System (see SLFC), a low frequency emergency radio teletype communications system that provides the DOD with a general command channel and back-up communications system, and links the Joint Chiefs of Staff with Strategic Air Command aircraft and missile forces.

PROGRAM 487M - The Air Force Special Purposes Communications Program, an airborne, low frequency emergency communications system that provides the DOD with a command and control link to nuclear forces.

PROGRAM 492L - The Air Force Strike Force Command and Control System (see STRICOM), composed of airborne command and control equipment that provides U.S. Strike Command Forces with command and control systems.

PROGRAM 496L - The Air Force Spacetrack (see) system of ground radar and optical sensor systems, which detects, tracks, identifies and catalogues all objects in earth orbit.

PROGRAM 497L - The Air Force Quickpass (see) program, which provides automatic digital switches for switching centers, and assures secure global communications.

PROGRAM 609 - The designation applied to the Air Force Scout (see) four stage, solid fuel booster used to launch small satellites and space probes.

PROGRAM 612 - The designation previously applied to the Air Force Integrated Satellite (see), now designated PROGRAM 647 (see).

PROGRAM 616A - The Air Force awarded a contract to Westinghouse to design and develop a low and very low frequency communications equipment.

PROGRAM 621B - Designation applied to the Air Force Defense Navigation Satellite System (see DNSS), formerly the Satellite System for Precise Navigation.

PROGRAM 623A - Designation applied to the Air Force Manned Orbiting Laboratory.

PROGRAM 627 - Designation applied to the Air Force Advanced Ballistic ReEntry Systems (see ABRES).

PROGRAM 633F - Designation applied to the Air Force Stellar Inertial Doppler System.

PROGRAM 634B - The Unified Communications, Navigation and Identification System to unify the functions of communications, navigation, and identification for positive control of aircraft. It will permit worldwide secure identification for USAF operations in the 1980 period.

PROGRAM 647 - Designation applied to the Air Force Integrated Satellite (see). The satellite would provide the U.S. with a 30-minute warning of a long-range ballistic missile attack, double the warning time provided by

the Ballistic Missile Early Warning System (see BMEWS) and Over-the-Horizon radar. (MS)

PROGRAM 647F - see HAVE BIRD.

PROGRAM 655A - Designation of an Air Force effort to develop a tactical reconnaissance and strike capability that would provide radar, infrared and low-light-level sensing, in-flight data processing and display, and near real-time data transmission under adverse weather conditions.

PROGRAM 655A - Designation applied to the Air Force Low Altitude Supersonic Vehicle.

PROGRAM 666A - Designation applied to an Air Force effort to develop a low-altitude guidance system that would include Doppler Inertial Loran system (see DIL), an advanced single package navigation system and an electrostatic gyro.

PROGRAM 668A - Designation applied to an Air Force Flight Dynamics Laboratory program aimed at investigation the effects of integrated airframe after-body and nozzle design on aircraft drag and installed thrust.

PROGRAM 679A - Designation applied to an Air Force effort to develop guidance techniques for air-to-surface missiles. The program encompasses projects that will allow for investigation of electro-optical guidance, radiometric correlation, radar correlation, infrared guidance, command anti-radiation guidance, LORAN guidance, strapdown inertial guidance, laser optical guidance, homing optical guidance, low-cost midcourse guidance, a low-cost missile guidance computer and guidance effectiveness studies. (MS)

PROGRAM 68-H - Designation applied to Air Force SR-71 strategic reconnaissance aircraft.

PROGRAM 680/V - Designation applied to the Air Force Spacecraft Technology and Advanced Re-entry Test (see START). (MS)

PROGRAM 681D - See FGSS.

PROGRAM 683A - Designation applied to the Air Force Vela satellite program (see), now designated the Nuclear Detection Satellite (see NDS).

PROGRAM 683J - A program to demonstrate the technical feasibility and military utility of the application of automation techniques to the Tactical Air Control System.

PROGRAM 691Z - This system provides for the evolutionary development of computer software in WWMCCS (World Wide Military Command & Control System) Operational Support.

PROGRAM 711 - Designation previously applied to the Air Force Integrated Satellite (see), now designated PROGRAM 647 (see).

PROGRAM 726 - Designation applied to the Initial/ Advanced Defense Communications Satellite Program, which preceded the Defense Satellite Communications System (see DSCS/TACSATCOM).

PROGRAM 749 - Designation applied to a joint Air Force/Navy effort to develop an ocean surveillance satellite system. The side-looking radar satellite will monitor ocean traffic from earth orbit and detect low-

trajectory sea-launched missiles. (MS)

PROGRAM 777 - See DSCS-2.

PROGRAM 81D - Designation applied to an Air Force Space and Missile Systems Organization effort aimed at developing advanced guidance techniques to reduce targeting errors.

PROGRAM 827 - Designation applied to an Air Force Space and Missile Systems Organization program which involves launching long wavelength infrared sensors into orbit aboard Atlas boosters. The effort is reportedly aimed at testing these sensors for use on the Integrated Satellite (see).

PROGRAM 845A - A piston engine powered vehicle built by Martin-Marietta.

PROGRAM 922 - Designation previously applied to the Air Force Defense Subsystem Development and Demonstration program (see DSDD).

PROGRAM 922 - Designation applied to the Air Force Burner 2 program (see), aimed at developing a solid-fueled, single-engine vehicle that can be used to place small- to medium-sized unmanned satellites in orbit.

PROGRAM 949 - Also known as COMET GUARD; the designation of the Air Force's Integrated Satellite (see). (MS)

PROJECT ABACUS - An Army computerized training program.

PROJECT ALPHA - A technology development demonstration being evaluated by W.J. Schafer Associates, Wakefield, MA, for Army's Missile Materiel Readiness Command.

PROJECT ANSWER - Research being conducted by Analytic Services, Arlington, VA, for Air Force Office of Scientific Research.

PROJECT APEX - A controversial CIA project for reorganization of the intelligence community. Originally described as a system to stop leakage of intelligence material, it is now being opposed as a mechanism for CIA control.

PROJECT AQUACADE - A program that is the improved follow-on to the current Rhyolite spacecraft that monitor telemetry from Soviet ballistic missiles. Senate Select Committee on Intelligence has ruled that this program must be redesigned for launch on an expendable Titan-inertial upper stage booster instead of a space shuttle because of shuttle program delays.

PROJECT ARIENNE - A system for low-probability-of-intercept acoustic communications from submarines at very long range, sponsored by naval Underwater Systems Center.

PROJECT AZORES - A Naval Surface Weapons Center Cold cumulus cloud weather modification project, to relieve severe drought by rainfall augmentation in the Azores.

PROJECT BACK BREAKER - A program under the Air Force Armament Division to develop laser-guided cruise missiles for use against both fixed and mobile targets.

PROJECT BETA - A joint Army/Air Force & DARPA project to evaluate sensor information fusion centers, for use at Army Corps/Division and Air Force Tactical Air Control Centers. The centers will exchange sensor-derived

data in near real-time.

PROJECT BLACKER - A computer project for specialized encryption of intelligence data networks, integrating computers and special security equipment in an overall end-to-end data system encryption approach. The study was conducted for the National Security Agency.

PROJECT BLUEFISH - Project of Army's Mobility Equipment Research and Development Command. Data reduction and analysis are being performed by Photon Research, LaJolla, CA.

PROJECT CAMEO - A NASA program to release barium clouds at an altitude of 590 miles from the second stage of an orbiting Delta rocket. Purpose is to provide more information on movement of electrified natural particles in and above the earth ionosphere by tracking the visible barium clouds in order to determine how the upper reaches of the stratosphere affect the earth's weather.

PROJECT CHASER - An attitude control system developed by Aerojet General.

PROJECT CHECKMATE - A study in which Air Force combat-experienced officers, assessing capabilities and strategies through the eyes of Soviet commanders, identified areas for improvement in the NATO posture.

PROJECT CLASSIC BULLDOG - A wideband DF system; a study program for the Naval Electronics Command.

PROJECT COLUMBUS - A recommended single project to complete the reconnaissance and initial exploration of the solar system in the 20th Century. The name Columbus denotes the 500th anniversary of that explorer's discovery of the Earth's "New World." NASA is the lead agency.

PROJECT COPPER CAP - An Air Force project that holds its most important assets are people and money.

PROJECT COURAGEOUS - A Naval Underwater Systems Center project dealing with ocean measurements and involving RCA/Aerostat Systems/Cocoa Beach, FL. Supporting scientific services are being provided by Interstate Electronics/Anaheim, CA.

PROJECT CREEK PROTECT - A comprehensive Air Force effort to increase ground survivability which stresses training in base defense and related fields.

PROJECT CW447 - The Lightweight Air Defense System. (LADS)

PROJECT DA VINCI II - Data analysis and interpretation relative to air quality and meteorological and emissions data; an effort for the Environmental Protection Agency.

PROJECT DARK EYES - A development program of thermal imaging sensors. Honeywell Radiation Center/ Lexington, MA, is involved in the work for Naval Sea Systems Command.

PROJECT DEB DRAMA - A program enhancing the Digital European Backbone System. Systems Consultants/ Washington, DC, is responsible for carrying out the logistic work.

PROJECT DECK ROOF - A program of the National Security Agency, it is a control facility for circuit monitoring and troubleshooting on the Wideband Data Network.

PROJECT DORIS - Naval Air Development Center project being negotiated with Interstate Electronics/ Anaheim, CA.

PROJECT DUMAND - Deep Underwater Muon and Neutrino Detection; A classified navy study in deep-water communications with submarines.

PROJECT D690 - Surface-to-Air Hawk/Hawk Improvement Program. (MS)

PROJECT FIRE - This system collected data on the reentry effects at hyperbolic speeds as part of the Apollo program.

PROJECT GATEWAY - A program for a communications satellite ground terminal system. GTE Sylvania is involved in the work.

PROJECT GROMET - A naval Surface Weapons Center cold cumulus cloud weather modification project. Purpose was rainfall augmentation to relieve severe drought situation in the Philippine Islands (1969) and Okinawa (1971-72).

PROJECT HANDOFF - Delivery of Cobra/TOW aircraft to the US Army European units. The Aviation Systems Command is the lead agency.

PROJECT HOTSHOT - A Naval Surface Weapons Center cold cumulus cloud weather modification project. Purpose was to quantify rain parameter and seeding effects from cloud base seeding techniques.

PROJECT J3042 - The navy navigation Satellite System (NNSS) Improvement program. (MS)

PROJECT J3402 - Improved Transit Satellite program now part of the NNSS, Navy Navigational Satellite System. (MS)

PROJECT K - An Army project involving a proposal by Chrysler for a new tank.

PROJECT LAWRENCE - The DDG-4 USES LAWRENCE employed in the HIP POCKET program. (SVO)

PROJECT MAGNET - An airborne survey program that provides current, worldwide geomagnetic data for navigation safety; an old program, but continues to be active through the Navy Oceanographic Office.

PROJECT MANDRAKE ROOT - An Army program having to do with toxic chemical munitions.

PROJECT MAX - An Air Force computerized depot maintenance management system delayed by the service in 1978 because of Congressional criticism.

PROJECT METCALF - A Navy study in the early 1950s regarding the use of infrared in warfare which focused on air-to-air weapons.

PROJECT MIDWATCH - The Naval Surface Weapons Center/ Dahlgren is sponsoring a program to perform analysis and review of special intelligence areas. GTE Sylvania/Electronic Systems Group is doing the work.

PROJECT MULLOKA - A lightweight hull-mounted scanning sonar for installation in Royal Australian Navy ASW escorts. The sonar is a solid-state forced air-cooled equipment of high reliability.

PROJECT N - A STOL aircraft undergoing prototype testing for the Royal Australian Air Force and Army. It was designed to fill two roles - that of a military mission support system and a commercial STOL transport.

Prototypes were built by the Government Aircraft Factory.

PROJECT NACH - NON-ACOUSTICAL COUPLING TO THE HEAD; An NADC (Naval Air Development Center) project which makes hearing possible without the transmission of sound waves. It has use for the deaf.

PROJECT OASIS - An Air Force program to link European Command Center Intelligence and Communications in a computerized system. It combines scattered intelligence and command and control in what is called fusion projects. Martin Marietta/Denver is doing the work.

PROJECT ORBITER - A navy satellite project which later became EXPLORER (see).

PROJECT OUTCAST - A Navy minefield project involving The Merdan Group/San Diego.

PROJECT OUTGROWTH - An Air Force study of advanced propulsion concepts.

PROJECT OUTLAW SHARK - Involves experiments on fusion and dissemination of data using available sensors to pick up ocean surveillance information and provide the navy task force commander with the information required to effectively maneuver and apply his forces.

PROJECT OVERSIGHT - A Naval Research Lab project in the mid-1950s for a helmet-mounted display for pilots.

PROJECT PACKARD - A Defense Advanced Research Projects Agency task involving software which relates to methods of combating revolutionary development efforts.

PROJECT PAPERMASTER - The retained portion of the old program AFBITS (Air Force Base Information Transfer System). When AFBITS was cancelled, the Air Force retained the technology for future applications.

PROJECT PARKHILL - Military Secure-Voice Radio; A secure Communications System for the national Security Agency, involving TRW Colorado Electronics.

PROJECT PEACE PEEK - An advanced development system for improved navigation systems. AF Aeronautical Systems Division, worked with E Systems/Greenville, TX.

PROJECT PEACE REEF - Name given to the leasing of F-4E aircraft to the Australians.

PROJECT PINPOINT - Designation applied to an Air Force program aimed at developing a gliding, automatic-homing 500-pound aerial delivery system. The system consists of a 300-square foot parafoil steerable parachute, a guidance and control subsystem and a ground transmitter beacon.

PROJECT POLTERGEIST - A Communications Intelligence Program operated by the Army Electronics Materiel Readiness Activity. E-Systems developed the system.

PROJECT POTLID - An Army development program believed to involve environmental testing of weapons and equipment and techniques. Contracts for the program were let by Aberdeen Proving Ground, Maryland, and work was performed at the U.S. Army Tropic Test Center.

PROJECT PRELUDE - A satellite experiment to study new ways of conducting

business, managing data processing systems and meeting intracompany communications requirements. This project used the Communications Technology Satellite (CTS) and its frequencies of 12 and 14 Gigahertz bands. The satellite is operated by NASA in conjunction with the Canadian Government. Twelve companies participated, including Rockwell International, Montgomery Ward and Texaco.

PROJECT PRIDE - PERSONAL RESPONSIBILITY IN DAILY EFFORT; Part of the ZERO Defects program.

PROJECT QUINTRELLE - A narrow-band secure radio; TRW is working with the Army Electronics Command.

PROJECT RAINMAKER - NSA project involving Martin Marietta, reportedly terminated.

PROJECT RISE - Name of a feasibility investigation to come up with potential recommendations for types of engines for a possible advanced VTOL (Vertical Take Off & Landing) aircraft system.

PROJECT RIVET HAWK - A modernization program for the Titan II ICBM, replacing its guidance technology with solid state circuitry.

PROJECT S-32-78X - Designation applied to the Navy Advanced Shipboard Communications program (see ADSCOM), aimed at developing advanced shipboard and satellite communications hardware.

PROJECT S-32-82X - Designation applied to the Navy's Ship Electromagnetic Radiation Project, an effort to devise means of overcoming current environment degradation as part of that service's Advanced Shipboard Communications program (see ADSCOM, PROJECT S-32-78X).

PROJECT S-32-83X - Designation applied to a Navy effort to develop radio terminal equipment as part of that service's Advanced Shipboard Communications program (see ADSCOM).

PROJECT S-32-85X - A component of the Navy's Advanced Shipboard Communications Program (see ADSCOM), this effort is aimed at developing ship communications hardware.

PROJECT SANTA BARBARA - A Naval Surface Weapons Center cold cumulus cloud weather modification project, to increase precipitation and snowpack, and study downwind effects of seeding in Santa Barbara, California.

PROJECT SAP - A Defense Research Projects Agency project.

PROJECT SAVE - An energy conservation program.

PROJECT SCIENCE FLASH - An Air Force project under contract to Goodyear Aerospace.

PROJECT SEACLIFF - Deep sea vehicle with pressure hull to be fabricated with titanium alloy. David W. Taylor Naval Ship Research and Development Center is conducting negotiations on project with Rohr Industries/Chula Vista, CA.

PROJECT SEAGUARD - An anti-submarine warfare project using advanced signal processing techniques with a towed array.

PROJECT SEAMOUNT - An electronic research program relating to communications for underwater acoustics and sonar for the Naval Underwater

Systems Center. Signatron/Lexington, MA, is involved.

PROJECT SEE-SAW - A classified beam weapons program involving the Naval Post Graduate School at Monterey, CA, and the Air Force Foreign Technology Division, Wright-Patterson AFB.

PROJECT SIGMA - An Army program to develop a battlefield tactical computer-to replace the canceled Tactical Operating System.

PROJECT SILKWORTH - NSA program involving Ford Aerospace, reportedly having software problems.

PROJECT SILVER RIVER - A US Army Missile Command Development program executed through Raytheon/ Andover, MA.

PROJECT STRAWMAN - A weapons program involving a new high-level computer language conceived in 1975 and now known as Ironman Revised. Involved Honeywell.

PROJECT SUCCESSOR - A German-US study concluded in 1978 which evaluated Patriot's suitability for Europe.

PROJECT S1747 - NATO Sea Sparrow.

PROJECT S1748 - Point Defense Improvements program.

PROJECT S1773 - Sea Sparrow Improvements program.

PROJECT TRIM - A Navy project involving a high resolution display study to be provided by Raytheon/ Portsmouth, RI.

PROJECT U12X2 - The Close In Weapons System project.

PROJECT U1748 - The Point Defense Improvements project.

PROJECT VANGUARD - An Air Force Systems Command project involving offensive counterair operations. Current emphasis is on an analysis of airfield attack munitions.

PROJECT VIABLE - An Army computer program that would perform base supply functions.

PROJECT VIGILANT - A Navy project under the Underwater Systems Center.

PROJECT VINSON - An NSA program for an encrypted secure-voice radio system. Magnavox/Fort Wayne, IN and Honeywell/Tampa, FL are the prime contractors.

PROJECT VULPINE - An upgrade of the AN/FSQ-91 La Faire Vite (see) system.

PROJECT WHITE KNIGHT - A Naval Electronics System Command software project.

PROJECT W1156 - The Air-Launched Low Volume RAMJET (ALVRJ) Project.

PROJECT W118 - The Air-to-Surface Target Acquisition project.

PROJECT W1189 - Part-of the HARM, High-Speed Anti-Radar Missile program.

PROJECT W4727 - A project to develop control equipment to allow the flight of subsonic and supersonic target drones in close proximity (50-2,000 ft) so that control effects of multiple targets on the various missile systems can be determined.

PROJECT X - A government-conducted study to accomplish technical analysis of Ingalls Shipbuilding consolidated impact claims against the government. The project is conducted by the Naval Sea Systems Command.

PROJECT X-RAY - A World War II scheme to use bats to carry incendiaries to ground in Japan.

PROJECT 1005 - A miniature vehicle effort by the Air Force Space Division. MV is 1005 in Roman numerals.

PROJECT 1010 - A reconnaissance satellite which TRW developed. The satellite was to provide real-time reconnaissance photos via a data relay satellite.

PROJECT 1118 - The Air Force's Nuclear Walleye project.

PROJECT 1366 - Part of the START, Spacecraft Technology and Advanced Reentry Test program. (MS)

PROJECT 1472 - An Air Force Flight Dynamics Laboratory project aimed at developing a small, automatic gain changing amplifier operable in an airborne environment where the temperature cannot easily be controlled.

PROJECT 1815 - The Electro-Optical Bomb project.

PROJECT 20 - Designation applied to Army efforts to develop an improved Spartan (see) anti-ballistic missile. The improved, high altitude Spartan would have a terminal maneuvering capability, be able to remain in the vicinity of an anticipated threat after launch under radar command, and use a long-wavelength infrared sensor to detect and home-in on incoming ICBM warheads.

PROJECT 2000 - An active Electronic Countermeasures program conducted for the Air Force Avionics Lab. It covered a variety of efforts, including methods to jam enemy infrared, electro-optical systems, radar and command link systems, high energy laser/countermeasures and ways to deal with European missile systems.

PROJECT 21 - A classified unconventional aerospace surveillance program.

PROJECT 2345 - Jam-Resistant Imagery Transmission; To develop and demonstrate jam-resistant secure voice technology for application in UHF and VHF Command Radios.

PROJECT 3M - A Navy program, believed to involve management information, worked on by Stanwick Corporation for the Naval Sea Systems Command.

PROJECT 30 - A SIGINT site in the Sinai built by GTE Sylvania in 1973 as part of the US-orchestrated disengagement between Israel and Egypt.

PROJECT 3059 - Designation applied to NASA's Large Solid Motor Program, aimed at advancing solid booster technology that could be used to launch multi-stage vehicles carrying heavy payloads.

PROJECT 3125 - A classified Army development project, also known as PROGRAM BANCROFT.

PROJECT 3178 - Designation applied to an Air Force project aimed at developing guidance techniques and performing studies to improve the performance of current and future ballistic missile guidance systems. The project was particularly concerned with ways of improving system accuracy

under severe environmental conditions and mission profiles.

PROJECT 3322 - The Infrared Guided Bomb project.

PROJECT 3640-1 - Development of the 4H8A printer-developer (heat developing film device) for the Naval Training Equipment Center/Orlando, FL.

PROJECT 3833 - An Air Force project aimed at developing advanced types of RF (Radio Frequency) generation and amplification devices with power levels and modulation capable of countering advanced enemy radar systems. The project involved tube development, employment concept studies, solid state technology applications and systems requirements.

PROJECT 4036 - An Air Force effort to develop a broad base in electronic warfare technology, and develop devices that will offset penetration problems posed by advanced threats in the 1970-1980 time period.

PROJECT 404L - The TRACALS Program. (ES)

PROJECT 4040 - An Air Force effort to provide aerospace vehicles with an electronic defense that would enable them to penetrate the electromagnetically-controlled enemy defenses. Primary objective was to develop an automatic defense that would analyze the threat environment and select a jamming response signal.

PROJECT 4053 - Designation applied to the Air Force Black Spot program (see), aimed at converting C-123 aircraft into self-contained night attack aircraft.

PROJECT 4056 - An Air Force effort aimed at providing the technological advances needed to effectively apply infrared reconnaissance and surveillance systems. The areas of infrared reconnaissance technology worked on include downward and forward looking reconnaissance, detectors, and optical materials for both reconnaissance and surveillance applications.

PROJECT 4062 - An Air Force project involving air-to-air and air-to-ground propagation studies, development of instrument and measurement techniques for propagation and investigation of extremely high altitude propagation techniques.

PROJECT 4075 - An Air Force project aimed at developing aerospace reconnaissance and surveillance sensors capable of detecting, locating and continuously tracking enemy spaceborne weapons.

PROJECT 4076 - An Air Force project aimed at developing techniques of using infrared radiation to detect, identify and track military targets during all phases of their flight.

PROJECT 4083 - An Air Force program aimed at improving and developing deception countermeasures techniques that will be effective against general classes of radars and specific threats. Objective was to develop technology that would prevent a potential enemy from utilizing electromagnetically-controlled defenses against Air Force aerospace vehicles.

PROJECT 4108 - An Air Force project aimed at developing radar reconnaissance techniques and technology that would provide the service with the capability to obtain reconnaissance information under all weather conditions, day or night.

PROJECT 4144 - An Air Force project aimed at developing precise air-to-ground weapons delivery systems to increase the effectiveness of Air Force tactical missions.

PROJECT 415 - An Air Force space project worked on by Westinghouse and Fairchild Hiller.

PROJECT 4156 - An Air Force project that bridges basic research and exploratory development projects in the field of microelectronics. One objective was to couple advanced technology work in the materials field with the results of basic research in solid state and plasma phenomena.

PROJECT 4159 - An Air Force project aimed at developing solid state devices and integrated circuits to fill the requirements of future spaceborne and airborne electronic systems, and to develop material and process technologies that will support advanced device and integrated circuits developments.

PROJECT 4161 - An Air Force exploratory development program aimed at determining the suitability of new materials for use in improved electromagnetic windows, such as radomes.

PROJECT 4163 - An Air Force project aimed at developing electromagnetic sensors that will detect and track aerospace and ground target vehicles.

PROJECT 4164 - An Air Force project aimed at augmenting and sustaining the technology base required for tri-service military communications satellites. Efforts carried out under the program involved development of an airborne SHF (Super High Frequency) distributed phased array antenna, a satellite unfurlable antenna array, a satellite self-managing channelized repeater and a UHF/SHF antenna suitable for use on large high-performance aircraft.

PROJECT 4167 - An Air Force project that involves exploratory development efforts in the field of avionics systems, in an attempt to develop new concepts and integrated functions.

PROJECT 4200 - An Air Force project aimed at advancing celestial navigation and guidance technology for aerospace weapon systems essential to the offensive, reconnaissance and support force capabilities of the Air Force.

PROJECT 4335 - An Air Force project aimed at advancing the state of the art for communication links used on space vehicles, aircraft and on satellites other than communications satellites.

PROJECT 4357 - An Air Force program aimed at reducing the susceptibility of avionics subsystems to environmental electromagnetic interference. The program involved development of instrumentation to measure and evaluate interfering phenomena and their effects on avionics subsystems.

PROJECT 4367 - An Air Force project aimed at developing identification friend-or-foe techniques to provide an all-weather, day and night capability to identify airborne radar targets at a range great enough to permit the release of air-to-air missiles.

PROJECT 4421 - An Air Force project aimed at developing computers and computer technology to satisfy the computational, environmental and reliability requirements of future navigation and guidance systems.

PROJECT 4431 - An Air Force project aimed at developing new, inertial

sensing techniques for use in advanced inertial navigation and guidance systems.

PROJECT 4460 - An Air Force project aimed at developing new and improved solid state microwave devices and circuits to generate, transmit, receive and control microwave energy.

PROJECT 4600 - An Air Force Electronic Systems Division project aimed at developing advanced electromagnetic radiation techniques. The project involved theoretical studies on backfire antenna types, circular arrays, ferrite and loop antenna for VHF (Very High Frequency), and self-adaptive feed techniques for paraboloidal mirrors.

PROJECT 4603 - Designation applied to an Air Force study on long wave propagation and ionospheric interactions. The program involved rocket probes launched to study the ionospheric, absorption and exospheric noise in the VLF/LF (Very Low Frequency) and MF (Medium Frequency) bands.

PROJECT 4608 - Designation applied to a study undertaken by the Air Force Cambridge Research Labs, which is aimed at determining the radiation damage to solid state electronics. Objectives were to develop techniques of predicting the effects of a radiation environment on performance of solid state electronic devices, develop ways of maximizing the resistance of existing devices to this damage, and design new classes of hardened devices and integrated circuits.

PROJECT 4610 - Designation applied to an Air Force Electronic Systems Division study on information processing, which involves applied speech research, the study of coding techniques, processing of visual information, and investigation of visual shape perception techniques.

PROJECT 4641 - An Air Force Electronic Systems Division project involving advanced data processing technology.

PROJECT 4642 - Designation of an Air Force project aimed at gathering data on re-entry communications problems.

PROJECT 4643 - Designation applied to an Air Force Electronic Systems division project aimed at developing new interferometer measurement techniques for missile tracing radar systems.

PROJECT 4645 - Designation applied to an Air Force study of light-matter interaction. Information gathered by the study will be used to support development of more predictable, reliable, damage-free and tunable lasers in the visible and near infrared spectrums. Two major objectives are to decrease the cost of lasers and increase their useful wavelength range.

PROJECT 4648 - An Air Force Electronic Systems Division project aimed at developing new methods of processing complex information. The work involved a comparison of new, multi-channel data consolidation interpretation procedures with classical techniques such as multi-variate analysis, and demonstrating the utility of new techniques to sensor data processing.

PROJECT 4691 - Designation of an Air Force Electronic Systems Division study of upper air structure and composition.

PROJECT 4925 - Designation of an Air Force project aimed at developing advanced penetration aids for aerospace vehicles. The effort involved demonstrating new concepts of degrading the performance of existing and postulated electromagnetic threats to offensive weapons systems.

PROJECT 4928 - Designation applied to an Air Force project aimed at developing passive spaceborne electromagnetic warfare systems.

PROJECT 4939 - Designation applied to an Air Force project aimed at developing passive infrared countermeasures systems that will defend air-breathing and spaceborne vehicles against attack from surface, air or space-launched missiles.

PROJECT 5042 - Designation applied to an Air Force program aimed at developing high-resolution radar sensors for navigation, guidance, weapons delivery and reconnaissance systems used to manned space vehicles.

PROJECT 5102 - Designation applied to an Air Force program aimed at developing advanced inertial components that can be applied to advanced inertial guidance systems. The program encompassed efforts to develop sensors and precise instruments that could be applied to limited and tactical warfare, and ring lasers for precise inertial sensors.

PROJECT 5177 - Designation applied to an Air Force effort to develop test methods and test equipment for future guidance systems and guidance system components.

PROJECT 5199 - Designation applied to an Air Force effort aimed at developing low altitude radar penetration techniques that will permit aircraft and missiles to infiltrate enemy defenses and complete missions. under all weather conditions with the highest probability of survival and success.

PROJECT 5201 - Designation applied to an Air Force effort to advance the state of the art of navigation and guidance subsystems. Advances are sought in such areas as size, weight, power consumption, performance, reliability, reaction time and cost.

PROJECT 5222 - Designation applied to an Air Force effort to develop an advance airborne meteorological system.

PROJECT 5227 - Designation of an Air Force effort to develop a self-defense system for aerospace vehicles and advanced fire control systems for tactical aircraft. The planned aerospace vehicle self-defense system would be able to disable the sensor guidance systems of attacking threats.

PROJECT 5237 - Designation applied to an Air Force project aimed at developing laser technology that can be applied to electromagnetic warfare systems, avionics and communications systems, navigation and guidance systems, weapon delivery and fire control systems and reconnaissance and surveillance systems.

PROJECT 5244 - Designation applied to an Air Force effort to develop laser techniques for such aerospace applications as satellite to ground and satellite relay communications links, laser imaging and target designation.

PROJECT 5546 - Designation applied to an Air Force effort to develop materials and techniques that will reduce the radar echo and infrared radiation emitted from aircraft, missiles and spacecraft.

PROJECT 5579 - Designation applied to an Air Force study on electromagnetic propagation techniques.

PROJECT 5620 - Designation applied to an Air Force project that involves the study of the effects of radiation on semiconductors, insulators and

other electromagnetic material.

PROJECT 5621 - Designation applied to an Air Force study on the physics of solid state phenomena.

PROJECT 5628 - Designation applied to an Air Force Electronic Systems division study on advanced communications processes. Objectives were to determine ways of transmitting speech and visual patterns over electrical channels at the least cost and with the smallest loss of information content and quality.

PROJECT 5629 - Designation applied to an Air Force study on radio astronomy and astrophysics. The program encompassed a series of solar observations aimed at increasing the accuracy of measurement techniques and automating the processing and transmission of data on solar flares and flux.

PROJECT 5631 - Designation applied to an Air Force Electronic Systems Division effort to determine the ionization effects in the lower ionosphere.

PROJECT 5789 - An Air Force project believed to be aimed at developing a highly maneuverable air-to-air missile.

PROJECT 5971 - The Target Acquisition Aid For Electro-Optical Weapons project.

PROJECT 6114 - An Air Force research project aimed at developing a complete mathematical model which can be computer implemented to synthesize the display presentation of high-resolution ground-mapping radar systems.

PROJECT 6220 - Designation applied to an Air Force project aimed at developing advanced reconnaissance and surveillance systems and technology for day and night application. Among the areas covered are optical sensors and sensor systems, camera systems, camera controls, image amplifiers, and analysis and evaluation techniques.

PROJECT 6239 - Designation applied to an Air Force project aimed at developing the ability to quickly predict, simulate, test, analyze and report the characteristics of new reconnaissance equipment concepts and applications.

PROJECT 624 - Designation applied to the Air Force program under which the first Titan 3A (see) space booster was developed.

PROJECT 6263 - Designation applied to an Air Force program aimed at developing advanced electro-optical sensing technology, data processing technology and image display technology that can be applied to reconnaissance, surveillance and weapons delivery missions.

PROJECT 6272 - Designation applied to an Air Force effort to develop advanced reconnaissance data recording materials, and techniques of processing and reproducing reconnaissance data.

PROJECT 6278 - Designation of an Air Force project aimed at developing new antenna design techniques that are applicable to advanced aero-spaceborne avionics equipment.

PROJECT 638 - Another designation for PROJECT 823, the Air Force Nuclear Detection Satellite (see NDS) developed to detect nuclear explosions in

space.

PROJECT 638 - Designation applied to the Navy's Versatile Avionics Shop Test (see VAST).

PROJECT 686F - Designation applied to an Air Force project aimed at developing an advanced aircraft flight simulation complex.

PROJECT 687J - Designation applied to an Air Force Avionics Laboratory project aimed at developing a UHF moderate gain airborne antenna to replace the omni-directional radiator on high speed aircraft.

PROJECT 691C - An Air Force decoy on which Hallicrafters worked.

PROJECT 7062 - Designation applied- to an Air Force project aimed at developing aerospace computer subsystems such as memory devices, logic devices and output devices, for application on future Air Force navigation and guidance systems.

PROJECT 7511 - A new lightweight air-launched torpedo developed by Marconi Space & Defense Systems.

PROJECT 7820 - An Air Force Electronic Systems Division program aimed at increasing communications security by reducing the threat of compromising emanations, interception, cryptographic failure of electronic countermeasures.

PROJECT 7844 - Designation applied to an Air Force project aimed at developing techniques of real time internal damage assessment.

PROJECT 7848 - Designation applied to an Air Force project aimed at developing advanced scoring techniques for missiles fired at aerospace targets. The program involved study of electromagnetic wave phenomena and measurement techniques, with emphasis on development of instruments that will yield data on distance, direction and the motion characteristics of missiles as they approach target.

PROJECT 7849 - Designation applied to an Air Force project aimed at developing ways of simulating the parameters of a threat aircraft with aerial targets and drones. The simulation techniques developed would enable the service to give an in-flight evaluation to air-to-air missile guidance and fuzing systems.

PROJECT 823 - The Air Force designation applied to the Vela satellite (see) developed to detect nuclear explosions.

PROJECT 823 - Designation applied to the Air Force Nuclear Detection Satellite (see NDS) developed to detect nuclear explosions in space. Former designation was PROJECT 638.

PROJECT 949 - Designation previously applied to the Air Force Integrated Satellite (see) effort. (see Program 647). (MS)

PROJECT 980 - A new Air Force satellite capable of monitoring foreign electromagnetic signals, sponsored by the Air Force Special Projects Office.

PROUD PHANTOM - A joint US-Egyptian Air Force exercise, involving F-4 Phantom aircraft of both countries.

PRUNING SAW - Joint Chiefs of Staff (JCS) directed and coordinated

exercise.

QUICK FIND - A Naval object recovery system using California sea lions.

QUICK FIX - A computer programmed method of enforcing utilization of applicable theater excess assets before requisitioning from CONUS supply sources.

QUICK FIX - A heliborne electronics countermeasures jamming system slated to go on the EH-60A helicopter, and designed to disrupt HF/UHF command and control communications of Soviet infantry and mechanized forces.

QUICK LOOK - A data assessment system for the AN/TPQ-37 Counter-Arm Test Program.

QUICK LOOK 1 - A border surveillance system of radar-directed anti-aircraft artillery by ELINT for use on the OV-1C.

QUICK LOOK II - An improved accuracy Quick Look 1 (see) for use on the EV-1. The Army system will be an airborne radar emitter location and identification system. United Technology Labs is the contractor.

QUICK PASS - The Air Force 497L Automatic Digital Switch System providing store-and-forward automatic digital switches for integration into automatic digital switching centers of the Defense Communications Systems for secure global communications.

QUICK PATCH - Communications system involving Vandenberg AFB, CA.

QUICK START - A classified program that was part of the B-52 modification program.

QUICK STRIKE - Reconnaissance system utilizing RF-4C aircraft. The Air Force's Aeronautical Systems Division is requesting proposals for a tactical Reconnaissance Data Link (TRDL) that would be used initially with Quick Strike but would be slated to become the standard data link for future Air Force applications.

QUICK TURN - A Navy program to produce dogfight missiles.

QUIET FORCE - A Navy program to reduce radiation of signals from ships to make them more difficult to position.

RANCH HAND - Air Force defoliation program in Vietnam.

RAPID ROGER - An Air Force field test exercise to increase the number of F-4C aircraft sorties in Vietnam.

READY EAGLE - An Air Force operation in which a combat flying unit overseas converted to a new aircraft without standing down operationally. Three squadrons of F-15s plus aircrews and maintenance personnel were delivered to Bitburg Air Base, Germany.

RED BARON - Air Force study of air-to-air combat, using an XQM-103 RPV.

RED CLOUD - A classified Army Electronics Command electronic warfare receiving system.

RED E - A classified program of the Naval Sea Systems Command. AACI Inc. is performing technical and management service assistance.

RED FLAG - A training program at Nellis AFB, NV, which exposes tactical

crews to the most realistic combat simulation that peacetime conditions will allow.

RED MAX ALPHA - A three-day Air Force exercise designed to evaluate F-16 aircrews, aircraft, support personnel, and flying and maintenance operations in a wartime environment.

RED MILL - Name given project under which Raytheon developed the forward-scatter and surveillance system for the USAF 440L Over-The-Horizon Radar (see OTHR).

RED SPARROW - The Naval Air Engineering Center/Philadelphia awarded a contract to Vitro Corp. of America/ Silver Spring, MD, in 1971 for technical and analytical support for the RED SPARROW depot maintenance and test program. Under it the Navy selects a group of Sparrow missiles (see SPARROW 3) and follows the group from manufacturer through the various stages of production, inventory and usage, checking on test procedures used to uncover deficiencies in the weapon.

RED TRAIN - An Army project under the Army Communications-Electronics Command.

RETRACT SILVER - Classified Navy program.

RHYTHM - A permanent first word nickname assigned to HQ USAF.

RHYTHM DANCER - A coordination action plan, cancelled.

RICH - A permanent first word nickname assigned to the Air Defense Command. (ADC)

RIDING - A permanent first word nickname assigned to the USAF Security Service.

RING TAIL - An Air Force fragmentation bomblet designated BLU-49/B.

RITZY - A permanent first word nickname assigned to the Secretary of the Air Force (SAFOS).

RITZY PIX - A USAF film clip program.

RIVET - A permanent first word nickname assigned to HQ USAF. The term provides for rapid response on a variety of minor aircraft modifications peculiar to the Air Forces special air mission aircraft.

RIVET ACE - The AN/ALQ-117 airborne ECM set used by the Air Force on B-52 aircraft. Developed by ITT Avionics under QRC-510.

RIVET ALIKE - Standardized wiring of F/RF aircraft.

RIVET BAT - A classified modification of F-105F aircraft by the Air Force for use in Southeast Asia. The Dalmo Victor AN/ALR-46(V) radar homing and warning system (RHAW) was used in the project.

RIVET BLAST - Emergency Southeast Asia communications and electronics meteorological requirements for the 7th Air Force, cancelled.

RIVET BRASS - Special purpose C-135 aircraft for the Strategic Air Command.

RIVET BRIGHT - An Air Force corrosion prevention and control program, cancelled.

RIVET BUSH II - Modification of a DC-130E aircraft.

RIVET CARD - Special purpose C-135B Strategic Air Command aircraft.

RIVET CHARGE - A program to improve the operational availability of the Univac 1050-11 base supply computer.

RIVET CLAMP - Special purpose C-130E aircraft.

RIVET CLOUD - A logistics program supporting emergency Southeast Asia communication electronics meteorological data, cancelled.

RIVET COLD - A jet engine management study task group, cancelled.

RIVET CROWN - Recovery of Military Assistance Program/ U.K. GCA equipment, cancelled.

RIVET DANDY - Special purpose C-135A Strategic Air Command aircraft.

RIVET DIGGER - A nuclear weapon diagnostic program.

RIVET DIGIT - An organic maintenance capability for a Univac 1050 II computer in Southeast Asia, cancelled.

RIVET DOCTOR - A special mission of the Tactical Air Command involving C-130E aircraft.

RIVET DUKE - A special purpose C-130E program.

RIVET EAGLE - A special modification to RF-4C Pacific Air Force aircraft.

RIVET FLARE - A C-97 training aircraft for the Pacific Air Command.

RIVET GIANT - A special mission C-97 Pacific Air Force aircraft.

RIVET GRIP - A maintenance management concepts and procedures review, cancelled.

RIVET GUIDE - A total maintenance concept study.

RIVET GUN - Air Force program for the repair and return of battle-damaged aircraft to the active inventory.

RIVET GYM - A modification to the C-121 aircraft.

RIVET GYRO - A team of Air Force technicians working to find solutions to the problems of high cost and low reliability of aircraft inertial navigation systems. Specifically involved a modification to the F-4D/E ASN-63 inertial navigation system.

RIVET GYRO II - An improvement to the F-111 AJQ-20A inertial navigation set.

RIVET HAMMER - A report of ground CEM equipment status.

RIVET HASTE - An Air Force project designed to improve the air-to-air capability of the F-4D and F-4E. The program was cancelled but new reports link the Air Force and Hazeltine/Greenlawn, NY to further avionics activity.

RIVET HAWK - An Air Force modification program related to the LGM-30 USGS.

RIVET HOOK - A C-123 modification program.

RIVET JOINT - Air Force cryptologic intelligence and communications system, involving a modification to the RC-135 aircraft. The Air Force and National Security Agency are putting automatic systems on the aircraft to more quickly locate and identify Soviet radars.

RIVET KING - An Air Force project to modify Boeing VC-135B transports.

RIVET LOCK - A special 7th Air Force mission involving the RB-57E aircraft, cancelled.

RIVET MEASURE - Airborne gravity measurement system of the Air Force.

RIVET MILL - An H-34 helicopter conversion program, cancelled.

RIVET MOLD - A DH-3C modification program, cancelled.

RIVET PICTURE - TV display used by the Air Force F-4D aircraft firing the Walleye (see), cancelled.

RIVET PLANK - A B-52D/F wing structural modification, cancelled.

RIVET QUICK - A modification to C-135 aircraft, cancelled.

RIVET RACER - Improved ECM (Electronic Countermeasures) equipment and engines for the RB-66 aircraft, cancelled.

RIVET RALLY - An Air Force project designed to centralize base-level maintenance organizations in the Air Force.

RIVET RAMBLER - An ECM modification to B-52D aircraft, cancelled.

RIVET RAP - A modification of RB-57F for NASA.

RIVET READY - Improvements in munitions loading management.

RIVET REDSKIN - Improved side-looking radar for RF-4C reconnaissance aircraft.

RIVET SAVE - A Minuteman crew sleep program modification to reduce personnel number.

RIVET STAR - Combat reporting posts for India, cancelled.

RIVET START - A program to improve reliability test methods.

RIVET STEM - Special mission C-97 USAFE aircraft.

RIVET STOCK - Special mission C-97 USAFE aircraft.

RIVET SWAP - Special purpose C-130E program.

RIVET SWITCH - Project sponsored by USAF to modernize control tower transceivers. The AN/GRC-168 is involved. AF Ogden Logistics Center is negotiating with GTE Sylvania/Needham, MA.

RIVET TIDE - A special mission C-130B program.

RIVET TOP A special purpose Air Force EC-121 aircraft.

RIVET TRIM - ECM (Electronic Countermeasures) equipment for the Air Force Gunship II (see) program.

RIVET VICTOR - Special purpose C-130S aircraft.

RIVET WAGON - Modification of twelve C-130 aircraft with an airborne warning capability, cancelled.

RIVET YANK - Special purpose C-130E program.

RIVET YARD - Special purpose C-130E program, cancelled.

ROAD RUNNER - An Army laser system designed to destroy night vision devices and other sensors.

ROMAN SHIELD - New name of PROJECT DRAWSTRING real time intelligence relay system. Roman Shield will use large scale computer centers to analyze direction-finding signals tracking aircraft, missiles, and ships around the world. Two or more direction finding fixes off electronic signals emitted from the vehicles will be calculated to pinpoint the location in real time.

ROVING BEAR - Identified as a search lock receiver under development for the Army by Sylvania.

ROYAL KNIGHT - One of a series of regularly-scheduled NATO training exercises designed to test the readiness and effectiveness of the NATO Striking Fleet Atlantic to provide support to the Allied Command Europe.

RUSTY BOLT - A project under the Naval Research Laboratory.

SABER - A permanent first word nickname assigned to HQ USAF.

SABER ACQUIRE - An A-10 night and adverse weather enhancement program.

SABER ADVANCE - The capability of Tactical Air Command airlift aircraft to accompany forward movement and unit movement tasks.

SABER ADVANTAGE - An examination of exploitable asymmetries between the US and USSR.

SABER AIRLIFT - The effectiveness of airlift forces, an analysis for FY78 to FY85.

SABER ALERT - Analyses of pre-launch survival of strategic bombers, cancelled.

SABER AMMO - An evaluation of conventional munitions by the Air Force.

SABER ARMOR - An investigation of the effectiveness of air delivered munitions against armor.

SABER ARMOR CHARLIE - A computerized war game conducted by the Air Force between the Fairchild A-10A and the modified LTV A-7 Corsair, which found the A-10A superior.

SABER ASSURE - Analysis of U.S. and Soviet forces within a SAL agreement.

SABER ATCA - A comparison evaluation of advanced tanker/cargo aircraft candidates.

SABER ATTRITION - A vulnerability, survivability, force attrition analysis of AMST (see).

SABER BARE - Bare dual and permanent basing deployment concepts for the F-4 TFW, cancelled.

SABER BARRIER - Analysis of Force requirements for AWACS, cancelled.

SABER CAR - A calculation of aircraft requirements.

SABER CHARGE - Trade-off among Tactical Air Command air interdiction aircraft, cancelled.

SABER COMPARE - A comparative flight evaluation of the YA-10 and A-7D.

SABER CONTROL - Concepts for improved capabilities concerning command and control of Tactical Air Command Air Force programs.

SABER COUNTER - An evaluation of the Air Force Director of General Purpose & Airlift Studies of penetration aids used by tactical aircraft.

SABRE COUNTER ECHO - A 1975 study of the operational effectiveness of the EF-111A aircraft against Soviet radars; A simulation carried out by the Air Force.

SABER CREW - An analysis of tactical aircrew ratios.

SABER CROSS - A Soviet TRIAD disarming study, cancelled.

SABER DEEP - Air Force study of strategic missile system vulnerability.

SABER DEFEND - Self-defense systems for Strategic Airlift aircraft.

SABER DEFENDER - An evaluation conducted by the Air Force of the air defense capability generated by the mixture of interceptors, AWACS (Airborne Warning & Control System) (see) and the Over-The-Horizon Radar systems, cancelled.

SABER DELIVER - A comparative analysis of alternate forces for Tactical Air Command airlift aircraft during the 1980s.

SABER DENY - An interdiction and logistic model of a Tactical Air Command aircraft.

SABER DOLLAR - An economic analysis of Tactical Fighter forces.

SABER DRONE I - An application of drone operational performance in Southeast pursuant to concepts of RPV employment in Europe.

SABER ENGAGE - Quantification of interceptor effectiveness factors.

SABER EVOLVE - Evaluation of the US FYDP strategic force retaliatory potential 1974 to 1983.

SABER EXECUTE - Analysis of the airborne EAM system for STOP execution.

SABER FIRE - Overall evaluation of Tactical Air Command forces.

SABER FORCE - Evaluation of tactical fighter force mixes, cancelled.

SABER GRADE - Factors bearing on the selective retention of senior Air Force officers.

SABER GRAND - Trade-offs among all forces involved in Tactical warfare.

SABER GUARD - Southeast Asia lane defense program.

SABER HAUL - Evaluation of the capability of strategic airlift forces.

SABER HEALTH - A cost analysis of air force medical treatment facilities.

SABER HEAT - A B-1 infrared study.

SABER HITVAL - Evaluation of the effects of an aircraft special program on the operational effectiveness of Anti-Aircraft Artillery.

SABER INTERCEPT - An analysis of the ABM system, cancelled.

SABER INTRUDER - Factors that influence BMR/FTR interceptor engagement.

SABER ISLAND - An assessment of long-term Pacific basing requirements.

SABER JET - Evaluation of air-to-air capability.

SABER LANCE IV - Evaluation of alternative strategic force structures, cancelled.

SABER LANCE VII - Evaluation of alternative strategic force structures.

SABER LANCE IX - Evaluation of alternative strategic forces.

SABER LANCER - A study of various alternative strategic force structures by the Air Force.

SABER LAUNCH - An examination of pre-launch survivability of AWACS aircraft.

SABER LIFT - Evaluation of the Air Force tactical airlift capability, cancelled.

SABER LIGHT - An analysis of the contribution of the Air Combat Fighter to air defense programs.

SABER LOG - Mobility forces support of the major deployment of U.S. forces to NATO in Europe.

SABER MAINTENANCE - An analysis of maintenance and resupply concepts for wartime support of forces.

SABER MAP - Military Assistance Program exercise of interdiction campaigns in Europe, cancelled.

SABER MARINER - A program to study the vulnerability of U.S. Southeast Asia lift cargo ships, cancelled.

SABER MEASURES - A study of the impact on the war outcomes of alternative force postures, cancelled.

SABER MISSILE - Alternative courses for the U.S. ICBM force.

SABER MIX - A resource analysis of TF forces and A/G munitions.

SABER PATH - Penetration aids for strategic bombers, cancelled.

SABER PENETRATOR - Air Force study of penetration aids for manned bombers, cancelled.

SABER PENETRATOR III - An evaluation of attack concepts for strategic bombers in the 1980s, cancelled.

SABER PENETRATOR IV - Evaluation of PSAC long range stand-off missile concepts, cancelled.

SABER PENETRATOR V - Evaluation of the need for SCAD on the B-1 and on mixed force B-1s and B-52s, cancelled.

SABER PENETRATOR V-A - Evaluation of the need for SCAD on the B-52, cancelled.

SABER PENETRATOR VI - An examination of the contribution of the Air Launched Cruise Missile to Strategic Bomber effectiveness.

SABER PLOW - See PSEV.

SABER PROTECTOR - An analysis of the capability of strategic A/D forces to defend against atmospheric threats.

SABER RANGER - A strategic bomber range payload study, cancelled.

SABER RAVEN - A numerical measure of ECM effectiveness for selected strategic penetrations.

SABER READINESS - Factors affecting the state of preparation of U.S. forces.

SABER READY - A USAF munitions and basing consideration study in Central Europe, cancelled.

SABER REEF - A comparison of the cost of delivery of conventional bombs from strategic bombers by the Navy, cancelled.

SABER REFUEL - Air Force tanker aircraft requirements.

SABER SAFE - Minuteman pre-launch survivability program.

SABER SCAN II - A classified Air Force study on the E-3A AWACS (Airborne Warning and Control System) program demonstrating that it is possible to jam AWACS with low cost enemy equipment.

SABER SCRAMBLE - A program to study the survivability of air defense intercept capabilities against SLBM attack, cancelled.

SABER SCREEN - Allocations of aircraft in the Counter-air campaign, cancelled.

SABER SECURE - A Minuteman rebasing program.

SABER SELECT - A comparative analysis of aircraft candidates for the next intercept requirement.

SABER SENSOR - Study by the Air Force of the effectiveness of the aerial interdiction campaign in Southeast Asia, cancelled.

SABER SENTRY - An analysis of A/D intercept requirement to maintain surveillance in peacetime of the U.S. air space.

SABER SHELTER - Analysis of NATO tactical aircraft unit in combat operations from a dispersed shelter.

SABER SIGMA - An analysis of the effectiveness of conventional aerial weapons with various delivery accuracies.

SABER SILENCER - An analysis of suppression of emitters of an enemy air defense system.

SABER SILO - An evaluation of the survival of U.S. ICBMs to 1985 and

beyond.

SABER SIZE - An analysis of equipment contained in each type of Army unit.

SABER SORTIE - An Air Force sortie readiness and selected analysis.

SABER SPIKE - An evaluation of CONUS manned interceptor in an anti-satellite role, cancelled.

SABER STAR - An evaluation of the concepts for employment of the tactical reconnaissance force.

SABER STOCK - Cost and capability implications of alternate mixes of A/G munitions, cancelled.

SABER STOL - An alternate program for modernizing the tactical airlift force, cancelled.

SABER STREAK - An evaluation of long range S/AM for CONUS area defense, cancelled.

SABER STRETCH - An analysis of the proposed stretched FB-111.

SABER STROBE - Analysis and evaluation of the measures of electronic warfare effectiveness and support data.

SABER SURVIVOR - The survival of aircraft forces as a result of attack by an SLBM.

SABER SWORD - The selected use of theatre nuclear forces.

SABER TABLE - An air defense force and effectiveness study, cancelled.

SABER TANK - An attack of tanks, cancelled.

SABER TANKER - An analysis of USAF air refueling requirements, cancelled.

SABER TASK - A total-force, task-oriented approach to the determination of war-room requirements.

SABER TERMINAL - The low altitude penetration of Soviet surface-to-air terminal missiles.

SABER THRUST - A study of the requirements for mobility support forces maintained by the Air Force, cancelled.

SABER TIGER - An Air Force study to define the flight envelope characteristics of the AH-1G helicopter, cancelled.

SABER TIGER II - A simulation of aircraft attrition to surface based weapons.

SABER TRANSIT - An aircraft reception capability of NATO airfields.

SABER TRANSIT B - Aircraft reception capability of NATO airfields, cancelled.

SABER TRANSPORT - A study of the effectiveness of tactical airlift forces.

SABER UTILIZATION - Wartime utilization rates and costs of tactical airlift forces.

SABER VALUE - A cost effectiveness methodology for force structural

analysis.

SABER VIEW - An evaluation of the .effectiveness of tactical fighter forces, cancelled.

SABER VOLUNTEER - An analysis of problems relating to an all-volunteer Air Force.

SABER WARRIOR - An examination of the effectiveness of tactical Air Force against 1980 central Europe threats.

SABER WINGS - A study of pilot proficiency flying, cancelled.

SABER YUKON - An evaluation of the air defense mission in Alaska.

SACRED - A permanent first word nickname assigned to HQ USAF.

SACRED CENTURION - Support of operation CENTURION, cancelled.

SACRED HELP - A survey of auxiliary Chaplains, cancelled.

SAFE - A permanent first word nickname assigned to HQ USAF.

SAFE HAVEN - A program reserved for the State Department.

SAFE LOOK - Acquisition, development, installation, and checkout of specialized equipment for base defense.

SAFE NEST - Installation of intrusion detection equipment in USAFE.

SAFE PAPER - Declassification of records.

SAFE PROGRAM - An Air Force program for acquiring and deploying security equipment under the Electronic Systems Division.

SAFE RAMP - An Air Force project on an entry control system to improve and semi-automate the present man-oriented badge-type system. The security system is for SAC alert aircraft.

SAFE WIND - A down-channel security alerting order.

SAFER GUARD II - An economic analysis of USAF capabilities for Southeast Asia lane defense.

SAGE - A permanent first word nickname assigned to the USAF Security Service (USAFSS).

SAILOR HAT - Simulated nuclear air blasts carried out in Hawaii in 1965. Project Dive Under (see) is a follow-on to this project.

SALTY - A permanent first word nickname assigned to the Military Airlift Command (MAC).

SALTY BEE - Air Force exercise to demonstrate NATO readiness and give crews and support personnel training in the European environment.

SANDY - A permanent first word nickname assigned to the Air University. (AU)

SAUCE PAN - A classified Naval Electronic Systems Command program. Sanders is thought to be involved.

SAVAGE - A permanent first word nickname assigned to the USAF Southern

Command (USAFSO).

SAVAGE ARROW - Major conventional explosive accidents within USAFSO.

SAVAGE BOXER - USAFSO support of an annual attack response exercise, cancelled.

SAVAGE THUNDER - Tactical air control parties for brigade field training exercise, cancelled. by Cincinnati Electronics for the Defense Communications Agency.

SAVILLE BANCROFT - A classified family of secure radios being developed by Cincinnati Electronics for the Defense Communications Agency.

SAVILLE VINCENT - A classified family of secure radios being developed by Texas Instruments for the Defense Communications Agency.

SCARLET - A permanent first word nickname assigned to the Air Defense Command.

SCENIC - A permanent first word nickname assigned to the US Air Force Academy (USAF).

SCENIC HARVEST - A US/Vietnam team in conjunction with the CORONA HARVEST program.

SCIENCE - A permanent first word nickname assigned to HQ USAF (AFRDC).

SCOPE DIAL - Air Force program which will replace electromechanical switching systems at 28 bases worldwide with digital telecommunications systems. Funding will be over a five-year period beginning in FY81, with procurement managed by the Sacramento Air Logistics Center. Northern Telecom is the prime contractor.

SCOPE - A permanent first word nickname assigned to HQ USAF.

SCOPE BIT - PCM/TDM test and evaluation.

SCOPE CAP.- A cable assessment program.

SCOPE COLOR - A color conversion program.

SCOPE CONTROL - The Air Force's code name for the popularly known Priscilla Ellen (see) full-duplex, point-to-point communications system.

SCOPE CORAL - Communications, electronic and meteorological support attending the Presidential aircraft for operation in and out of Homestead AFB, FL.

SCOPE CREEK - Test and evaluation of Air Force wideband communications systems, cancelled.

SCOPE CROWN - Training of Air Force personnel on Video and Audio Equipment Maintenance.

SCOPE DAWN - An Air Force project involving modification of presidential ground communication terminals.

SCOPE DIGIT - Feldberg-Augsburg-Coltano digital upgrade program.

SCOPE HAMMER - Phase I of a Pacific Air Force interim automated command and control system.

SCOPE HEAD - A communication support program to the Eastern and Western Test Range.

SCOPE LIGHT - A CINCLANT Airborne Command Post (ABNCP).

SCOPE PACER - An automatic digital message switch program.

SCOPE PATTERN - A communications program of the Sacramento Air Logistics Center.

SCOPE PAYROLL - A portion of an integrated joint communications system in the Pacific.

SCOPE PICTURE - TV for the Army in Europe.

SCOPE RESPONSE - A US Intelligence program involving European readiness initiatives to enhance our combat readiness in support of NATO.

SCOPE SAFE - A system which provides a secure ground-air-ground digital voice and high speed teletype communications system in support of Special Air Mission aircraft, such as those of the president, vice president and other military executive aircraft, cancelled.

SCOPE SAND - Communications between Diyarbakir, Turkey, and Central Europe.

SCOPE SCOOP - Communications support for Project 437.

SCOPE SIGNAL - A high frequency single sideband (HF/SSB) radio system for the Worldwide Scope Signal Phase III System configured as three CONUS HF Stations at McClellan AFB, Andrews AFB and Offutt AFB.

SCOPE SQUEEK - A VHF/UHF communications program, cancelled.

SCOPE VOH - An AUTOVON program.

SCOUT - A permanent first word nickname assigned to HQ USAF.

SEA ANCHOR - See CLARINET ANCHOR.

SEA CLIFF - Navy program under the David W. Taylor Naval Ship Research and Development Center.

SEA DRONE I - An unmanned, self-propelled instrument platform for operation on the surface and to depths of 20,000 feet. It includes two pressure spheres designed to carry a variety of instruments and equipment for various undersea missions and uses a unique acoustical system for guidance and control.

SEA ECHO - A high-frequency radar program being conducted by the Naval Research Laboratory and National Oceanic and Atmospheric Administration to predict destructive wave activity.

SEA FENCE - A naval program to use small hydrofoils armed with modified SAM-D missiles as picket ships to protect large surface ships from air attack.

SEA FOX - Navy planning boat.

SEA HEAR - A secure digital communications system, studied by Ford Aerospace & Communications for Naval Ship Systems Command.

SEA KNIFE - Study of ship configurations.

SEA LINK - A series of NATO symposiums conducted at the US Naval Academy.

SEA LITE - A Navy program to determine the kill capability of lasers against various targets. (ML and EO)

SEA LOG - A classified Navy project.

SEA MIST - Navy submarine program involving Tracor, under Naval Sea Systems Command.

SEA NETTLE - A mine countermeasures project under SSC (Ship Systems Command) and the Mine Defense Lab at Panama City, FL. Large parts of this project are classified.

SEA NYMPH - An integrated satellite and shipboard electronic signal collection system that will be developed by the Navy to enable identification of the nature and sources of unknown radar and communications signals collected by destroyers by correlating data with information from satellite sensors. Navy refers to it as a Submarine Electronic Warfare Support System using an AN/WLQ-4.

SEA ROCK II - A measurement system developed by GTE Sylvania for Naval Electronic Systems Command.

SEA SCOUT - A plan to add a stage to the Polaris missile and make it into a launch vehicle for a recon device.

SEA SEE - A plastic bubble mounted on a catamaran, which can be lowered with up to three people inside to observe marine life near the surface. This project was conducted at the Naval Underseas Warfare Center.

SEA SENSE - Project SEA SENSE is an in-house evaluation of the Navy's NOMAD (Navy Oceanographic Meteorological Automatic Device), a deep-ocean-moored buoy reporting environmental data. The project is funded by the Naval Air Systems Command. Presently, experimental buoys are located off the California Coast, and in the Gulf of Mexico.

SEA SHED - A proposed system for handling oversized cargo on container ships.

SEA SITE - An Electronic Warfare Simulation program.

SEA STAR - A concept for having a TV camera in the nose of a probe to send local information back to the launching site.

SEA TRUTH - A NASA project.

SEA WATCH - A radar beacon that provides radar equipped vessels with accurate range and bearing data and station identification. The system is in service with more than 12 maritime nations.

SEA WATCH - Office of Naval Research program involving Systems Development Corp. SEAWATCH III involves Softech/Waltham, MA.

SEA WING - A Sylvania built surveillance system, (AN/ALR-40) which enables the three-man crew of the McDonnell Douglas EA-3 aircraft to maintain surveillance of electromagnetic activity, with the majority of threats located in L, S and C bands.

SEARCH - A permanent first word nickname assigned to HQ USAF (AFRRP).

SECURE - A permanent first word nickname assigned to HQ USAF, Kirtland AFB.

SEE FAST - A reconnaissance-gathering system for the Air Force which used up to three RB-66 aircraft, two equipped with television, IR (Infrared) and side-looking radar sensors, which transmitted information to a third relay plane; in turn, it sent the information to ground-based Airborne Battlefield Command and Control Center (see ABCCC) war room for real-time display.

SEE HAWK - A Northrop forward-looking infrared system that will be installed on the HH-65A Dolphin short range recovery helicopters that the Coast Guard is procuring from Aerospatiale. (ML and EO)

SEE SAFE - Analysis designed to determine aircraft survivability equipment requirements for Army Security Agency special mission aircraft.

SEE SAM - The Air Force AN/ALR-31 Electronic Countermeasures receiver developed by Loral to provide tactical aircraft with a Surface-to-Air Missile (SAM) warning and homing capability.

SEE SAM BRAVO - A project associated with the Quick Reaction Capability (QRC), Air Force, which provides surface-to-air missile homing and warning aircraft.

SEE SAW - Airborne electronic warfare equipment.

SEED - A permanent first word nickname assigned to HQ USAF (AFRPD).

SEED BRONCO - Introduction of the Air Force OV-10A aircraft into the inventory.

SEED CIRCLE - Believed to be the installation of the Army AN/FLR-9 ECM set at Udorn AFB, Thailand. (See also LIFETIME.)

SEED CLEAR - Modifications to the Air Force AN/FPS-27 frequency diversity radar used in the 416L (see SAGE) system. The modifications included the addition of a coded pulse anti-clutter system and a side-lobe blanking capability.

SEED CUPS - The 436M Seed Cups program is a time-phased replacement of the Strategic Air Command computers with third-generation hardware and accompanying software.

SEED HAWK - Air Force designation for the Navy's AGM-78A Standard Arm missile.

SEED JOY - The AGM-12E Bullpup missile.

SEED MIX - A correction by the Air Force of the deficiencies in the interface between the F-105 aircraft and its AGM-12C Bullpup missile.

SEED PROOF - An improvement program for the AIM-7E and AIM-7E-2 Sparrow missiles. Raytheon performed the work for the Naval Air Systems Command.

SEED SESAME - An ECM (Electronic Countermeasures) family of noise jammer pods for Air Force F-4 Phantom aircraft.

SEED SOURCE - A secure automatic voice switching system used by the JCS (Joint Chiefs of Staff) (see AUTOSEVOCOM).

SEED SPREADER - A special automatic message switching system which is part

of the 497L Automatic Digital Switch System.

SEED TANGO - Procurement of the AN/ALQ-71 electronic countermeasures pod by the USAF. The noise jammer is mounted in a pod hung from the wings of F-100, F-105, F-4, F-101 and A-7D aircraft to counter enemy tracking and missile guidance radars.

SEED TREE - The Air Force 493L Southeast Asia undersea coastal cable communications system with five shore terminals in Viet Nam and one in Thailand, and tied in with U.S. Defense Communications System.

SEED WEASEL - An improvement program associated with the AGM-45 Shrike missile.

SEEDED JAMMER - An Army project under the Harry Diamond Laboratories.

SEEK - A permanent first word nickname assigned to HQ USAF.

SEEK ABLE - The Air Force designation for the Airborne Battlefield Command and Control Center (see ABCCC).

SEEK ALICE - The TRANSPORTABLE AIRLIFT CONTROL ELEMENT (TALCE).

SEEK ANGEL - An evaluation of actions necessary to improve the combat aircrew recovery capability of the Air Force, cancelled.

SEEK BANDIT - Classified Air Force program.

SEEK BANG - A nuclear Walleye missile for the F-4D.

SEEK BAT - An Air Force high-altitude air-to-air missile built by General Dynamics. Designed to pursue the Soviet MIG-25 Foxbat.

SEEK BEER - Systems improvements to the APX-85 on EC-121T aircraft.

SEEK BIRDIE - A 1st Air Force aircraft munitions and stores compatibility certification program.

SEEK BOGEY - A 1st Air Force aircraft munitions and stores compatibility certification program.

SEEK BURST - A test and evaluation program for a Digital Message Entry System (DMESO).

SEEK BUS - Now called JTIDS (see); it was a program to develop and demonstrate a time ordered, secure, jam resistant digital ground-air-ground and air-air communications system. It was program 634B of the Air Force Systems Command/Electronic Systems Division. (ES)

SEEK CAP - A term for the International fighter aircraft.

SEEK CARGO - An Air Force ground communications system to improve management of combat airlift in SEA (Southeast Asia). It was intended to facilitate the command and control of airlift forces during resupply and evacuation operations at airfields in austere combat areas. The solid state, miniaturized system is compact and simple to operate.

SEEK CHARLIE - A ground-air detection system.

SEEK CLIFF - A classified Air Force project.

SEEK CLOUD - A modification of 12 C-130B aircraft for storm

reconnaissance, cancelled.

SEEK COMM - An antijam system being developed for the Air Force at the MIT Lincoln Laboratory.

SEEK DATA - A comprehensive command and control system for tactical air operations in Southeast Asia. Under contract to the Air Force, Control Data will improve and enhance the capability of operating units and commanders by evolving and putting into operation a complete system of computers, including software.

SEEK DAWN - The 416P Southeast Asia high-frequency communications system for air intercept control and linked with other Air Force communications systems in Southeast Asia.

SEEK DIGIT - A program to define advanced tactical command and control capabilities. Its emphasis is on modernization of the Advanced Command & Control Function, improving the response time of the Tactical Air Control Systems (TACS).

SEEK DUST - A low altitude parachute extraction system (LAPES) for use in Southeast Asia, cancelled.

SEEK EAGLE - An Air Force Armament Development Lab program covering the entire field of aircraft delivery of munitions and effectiveness of munitions, including new and improved delivery methods and better munitions. F-16 aircraft will be used in this test program at Eglin AFB, FL.

SEEK FACE - An interface between KG-35 aircraft and a digital communications system.

SEEK FLEX - A program to develop secure automated tactical air control centers for use by the Tactical Air Command. Believed to be linked to the 407L Tactical Air Control System (see TACS).

SEEK FOUR - A B-52 re-engine study.

SEEK FREELY - An Air Force program. Raytheon is currently under contract to Aeronautical Systems Division for classified development work.

SEEK FROST - A program to replace the existing Distant Early Warning (DEW) Line with a system of totally unattended short-range radars and support equipment, providing enhanced coverage and higher probability of detection of bomber attack in the northern approach regions to the North American continent. (ES, RS)

SEEK GAS - An in-flight refueling device for the use of HH-3 helicopters from HC-130 tankers, cancelled.

SEEK GLIDE - Celesco Industries is conducting flight tests of a modular guided glide bomb (MGGB) for the Air Force under this code name.

SEEK GUN - A program related to a gun pod.

SEEK HANDLE - An R&D program for materials, cancelled.

SEEK HIGH - A tactical airborne fusion system.

SEEK IGLOO - A radar system, relatively maintenance free, to perform surveillance and height finding capability for the Air Force Systems Command. It will enhance the DEW (Distant Early Warning System). It is

also known as Robot Radars. Involves AF Electronic Systems Division and ITT Gilfillan and Westinghouse. (ES, RS)

SEEK LAUNCHER - A test project integrated program for air base defense.

SEEK LIFT - Part of the SEEK CARGO program.

SEEK LONG - An Over-The-Horizon Radar for use in Southeast Asia.

SEEK MATCH - The addition and interface of AN/GPA-125 to AN/TPS-43.

SEEK MATE - Radios for EC-121T aircraft for Southeast Asia.

SEEK MAX - F-4E leading edge slats.

SEEK NEED - Development of a manpacked, ground-based radar bombing system.

SEEK NIGHT - A multiple integrated systems test program.

SEEK ORANGE - Classified Air Force program.

SEEK PAR - A 1st Air Force aircraft munitions and stores compatibility certification program.

SEEK PLACE - An Air Force program to install LORAN-C/D avionics equipment in aircraft.

SEEK POINT - Design, development and fabrication of AN/TPB-1A radar system to improve tactical bombing capabilities. It is program 642A of the Air Force Systems Command/Electronic Systems Division.

SEEK PRIME - A precedence rating for select critical items.

SEEK PULSE - A nuclear survivability evaluation of Air Force systems.

SEEK SAIL - A radar under development by the Air Force for its Spacetrack (see) system. It will be located in the Southwest Pacific and provide information to the Aerospace Defense Command on new satellites during their initial orbit.

SEEK SCAD - Research and Development of the Air Force AGM-86A Subsonic Cruise Armed Decoy-(see SCAD).

SEEK SCORE - An Air Force radar scoring system to test aircrew bombing accuracy. It is being developed by Sierra Research Corp., Buffalo, NY, for Electronic Systems Division.

SEEK SCRAP - An improved ECM system.

SEEK SCREEN - An in-house development at Rome Air Development Center aimed at testing the vulnerability of surface radars to electronic countermeasures. Tested were the TPS-43 and TPS-44 radars.

SEEK SEE - An air-to-air identification program.

SEEK SENTRY - An effort to develop long range surveillance radars for Iran, now cancelled. The program was formerly the Peace Crown program. Seek Sentry was to be a modified manual air defense system using a rate-aided manually initiated tracking (RAMIT) capability.

SEEK SET - A dual band radar beacon program.

SEEK SHIELD - Purchase of tropo-antennas for project SOLID SHIELD 75.

SEEK SILENCE - Secure speech equipment for Tactical Air Command air-to-ground communication.

SEEK SIN - Program 474N of the Air Force Systems Command/Electronic Systems Division. It provides a computer programming support facility at Laredo, TX, for further development of Surface-Launched Ballistic Missile (SLBM) software and associated training. It also provides a back-up capability for SLBM operational data processing subsystem.

SEEK SKY - Project Mentor.

SEEK SKYHOOK - A joint USAF/DARPA study to explore the use of helicopter and balloon-borne S-band radars to perform ground surveillance functions. A Space & Missile Test Center project involving Aydin Energy/Palo Alto, CA.

SEEK SNOOP - An air-launched missile for aircraft defense.

SEEK SOC - A defense suppression program.

SEEK SPECTRE - Air Force program under the Electronic Systems Division.

SEEK STAR - A multi-mode communications transmission system development associated with the TRI-TAC program.

SEEK STORM - A weather radar development effort underway by the Air Force with the objective of providing forecasters information to predict more accurately where storms will strike and to provide maps showing where heaviest rainfalls will occur.

SEEK STRAW - An Air Force project for the planning and preparation and support of nuclear weapons tests.

SEEK SWITCH - An Iranian military command and control communications network.

SEEK TALK - An Air Force jam resistant secure voice communications system used to provide reliable air-to-air and air-to-ground communications in an ECM (Electric Countermeasure) environment. A Rome Air Development Center project with contracts to E-Systems, General Electric, Hazeltine and Magnavox. (ES) (AN)

SEEK TELL - A telemetry system for testing air-to-air missiles, to monitor critical missile subsystems such as guidance and fuze and detect any failure during flight.

SEEK TIE - A global data link.

SEEK TIME - A demonstration of overland radar techniques aboard an Air Force EC-121K aircraft.

SEEK WHEELS - An F-4 development & test program.

SENIOR - A permanent first word nickname assigned to HQ USAF.

SENIOR BALL - Shipment of material directed by USAF.

SENIOR BOOK - A project under which Lockheed U-2 aircraft engaged in intelligence collecting missions over Communist China.

SENIOR CLASS - Shipment of material directed by Headquarters USAF.

SENIOR CLUB - Shipment of materiel directed by USAF.

SENIOR CROWN - The YF-12A/SR-71 program, funding and details classified.

SENIOR DAGGER - A test & evaluation exercise performed by Control Data Corp. for Air Force Rome Air Development Center for purposes of reconnaissance. It may involve flights of Lockheed SR-71 reconnaissance aircraft in Southeast Asia.

SENIOR DANCE - A headquarters USAF directed logistical support program.

SENIOR GAME - A military item shipping designation.

SENIOR HIGH - A research and development program.

SENIOR LANCE - A headquarters USAF directed support of an operational test project.

SENIOR MATCH - Shipment of supplies.

SENIOR OPEN - A headquarters USAF directed support project.

SENIOR PACE - A headquarters USAF directed support project.

SENIOR PEG - A data compilation project.

SENIOR PLAY - A headquarters USAF directed shipment of material.

SENIOR PROM - A military item shipping designator.

SENIOR RUBY - An ELINT system being added to U-2 aircraft, involving Lockheed Missiles & Space/ Sunnyvale, CA, under direction of the Air Force 2750 Air Base Wing, Wright-Patterson AFB.

SENIOR STAR - A DX production rating for a classified project.

SENIOR STRETCH - Special project logistical support program.

SENIOR TEAM - A headquarters USAF directed support project.

SENIOR YEAR - A new Air Force program once included under the element "Reconnaissance Drone Operations." It is believed to be related to the other SENIOR programs engaging in intelligence collection and reconnaissance.

SENTINEL - A permanent first word nickname assigned to HQ USAF.

SENTINEL ALLOY - Land gravity surveys in support of the Minuteman system, cancelled.

SENTINEL BABY - Retention of records of foreign air attache personnel accredited to the U.S.

SENTINEL BRIGHT - A Voice Processing Training System being developed for the Air Force under the Electronic Systems Division. This system will modernize cryptologic voice processing training capabilities.

SENTINEL CAMEL - Identifies certain projects and associated resources.

SENTINEL CELT - Acquisition of foreign materiel.

SENTINEL CHANCE - .Identified certain programs and projects for funding purposes, cancelled.

SENTINEL COPE - A specialized positioning experiment, cancelled.

SENTINEL DATE - A non-deployable geodetic photographic data base.

SENTINEL EAGLE - The USAF portion of a joint Army/ Air Force project, cancelled.

SENTINEL FRIEND - Restructure of an Air Force Human Intelligence system, cancelled.

SENTINEL GAL - A helicopter gravity measuring system, cancelled.

SENTINEL GLOBE - Identifies certain projects and associated resources.

SENTINEL JET - A study and development of world-wide concepts of Air Force intelligence operations.

SENTINEL KEEP - A photographic processing program.

SENTINEL LACE - Improved positional accuracies in support of USAF programs, cancelled.

SENTINEL LEO - Identification of a certain program and project for funding purposes, cancelled.

SENTINEL LOCK - A deployable geodetic photographic data base.

SENTINEL MARK - A photographic processing program.

SENTINEL MIST - Currently the COBRA MIST program. (ES)

SENTINEL MIX - Realignment of functions program.

SENTINEL MOOSE - Identified certain projects and associated resources.

SENTINEL MOTHER - Development of E&E aids, cancelled.

SENTINEL PAD - A mensuration project at ACIC, cancelled.

SENTINEL PANDA - Identified certain projects and associated resources.

SENTINEL PAY - A highly classified intelligence project for which funds were used to update obsolete equipment.

SENTINEL ROBOT - Biographical data on one time source and refugees, cancelled.

SENTINEL ROUGE - An assessment of the Soviet general war system.

SENTINEL SALVAGE - Identified certain projects and associated resources.

SENTINEL SAM - Identified certain projects for funding purposes.

SENTINEL SARA - Modification and deployment of special purpose platforms, cancelled.

SENTINEL SCORE - A management concept for acquisition, utilization and career development of human intelligence personnel.

SENTINEL SCRAMBLE - A visit abroad of the Air Tactics Team, cancelled.

SENTINEL SEEK - Identified certain projects and associated resources.

SENTINEL SHOTGUN - Identified certain projects for funding purposes.

SENTINEL SIGMA - A photographic standardization program.

SENTINEL SIGNAL - A special intelligence training program, cancelled.

SENTINEL SIGNAL I - A special intelligence training program.

SENTINEL SLAM - Provided for navigational systems support to the Air Defense Command, cancelled.

SENTINEL STRING - A special modification of the CT-29 aircraft, cancelled.

SENTINEL STUDY - Identified certain projects and associated resources.

SENTINEL SWOOP - Airlift program in support of special requirements, cancelled.

SENTINEL TAR - A tactical air intelligence review, cancelled.

SENTINEL TUNA - Identified certain projects and associated resources.

SENTRY - A permanent first word nickname assigned to HQ USAF.

SENTRY KEEP - Temporary storage of F-100 aerospace ground equipment at a Savannah, GA training site, cancelled.

SENTRY SABRE - Air National Guard F-100 temporary storage at Tucson, AZ.

SERIOUS - A permanent first word nickname assigned to the Air Force Systems Command (AFSC).

SERVICE - A permanent first word nickname assigned to HQ USAF.

SERVICE BURST - A comparison test of M427 and MK-352 fuzes, cancelled.

SERVICE DORM - Logistics actions relating to all volunteer Air Force personnel, cancelled.

SERVICE SHIFT - War-room I project Code 121-war consumables.

SERVICE SKI - A spares kit improvement and USAF war readiness kit study, cancelled.

SERVICE STAMP - Standard air munitions packages for mobility support.

SERVICE STAR - A program to test reliability of the ICBM (Intercontinental Ballistic Missile) re-entry system.

SERVICE VOLUNTEER - Logistic actions relating to an all volunteer Air Force, cancelled.

SESAME SEED - An electronic counter-measures system manufactured by Westinghouse for Air Force F-4 aircraft.

SEVEN - A permanent first word nickname assigned to HQ USAF.

SEVEN BAGS - A survey of USAF commissaries, cancelled.

SEVEN BEARS - Special technical security support for SAF.

SEVEN BUCKS - Incentive awards for narcotics investigations.

SEVEN BULLDOGS - Special OSI criminal operation.

SEVEN CHARGES - A survey of AAFES Braniff air travel credit cards,

cancelled.

SEVEN DIAMONDS - Special OSI criminal investigations.

SEVEN DOLLARS - Incentive awards for criminal investigations.

SEVEN EASTSIDE - Special personnel security investigations project.

SEVEN ERAS - Specialized activities in connection with technical surveys.

SEVEN FIELDS - Specialized activities in connection with technical surveys.

SEVEN FLOODS - A line between the Republic of Korea and Japanese police authorities.

SEVEN HAWK - AFPMR name checks, cancelled.

SEVEN HIGH - A preliminary report.

SEVEN INTERNS - AFOSI project for AF/IN.

SEVEN KEYS - Technical security survey of secure communication centers.

SEVEN LANES - AFOSI CI/DVP training in the Philippines.

SEVEN LEDGERS - A survey of USAF non-appropriated funds, cancelled.

SEVEN PAGES - An OSI-DOD security project.

SEVEN PARKS - A security project for AFCVAFL.

SEVEN PENNIES - CY74 fraud investigative surveys.

SEVEN REELS - A worldwide investigative survey, cancelled.

SEVEN ROSES - A special technical survey, cancelled.

SEVEN SAVINGS - A survey of AAFES facilities CY74.

SEVEN SHECKLES - A survey of USAF non-appropriated funds 1973, cancelled.

SEVEN SHIPS - Dignitarian protection training for the Panama National Guard, cancelled.

SEVEN STUD - An operation in support of AAFES.

SEVEN STUFFINGS - Shipments of AAFES merchandise by vendors, cancelled.

SEVEN TALES - A survey of AAFES facilities CY73, cancelled.

SEVEN TIMES - Recurring technical security surveys under AFR-124-14.

SEVEN TRAVELS - A survey of temporary duty travel of PACES civilian personnel, cancelled.

SEVEN WARRIORS - Project homecoming interviews.

SEVEN WINDMILLS - A Dutch forces countermeasures training program.

SHED LIGHT - The overall Air Force designation for R&D and production effort in some 75 programs to develop night time sensor, illumination and weapons systems to improve the capability of aircraft to find, target and attack hostile forces, or facilitate attack by ground forces.

SHIP TEASER - The AN/ALQ-91 Electronic Counter-Measure set built by Magnavox for Air Force aircraft but also installed on ships.

SHORT SPIKE - A shortened version of the Pave Spike laser designator pod, proposed by Westinghouse for mounting under the fuselage of the F-16 aircraft. (ML & EO)

SHORT TRIP - Testing of conventional air dropped munitions.

SILENT JOE 2 - Part of a Defense Advanced Research Projects Agency effort to locate and destroy hard targets by clandestine means, including unmanned airships.

SILENT SENTRY - The AN/PPS-3 and -4 portable surveillance radar developed by Sperry and produced by the company, as well as by Aeronca, for the Army. Weighing approximately 140 pounds, it provides target information to the operator via a doppler tone and is limited to one target at a time. Steering of the signal is performed manually.

SILVER BALL - An ECM (Electronic Countermeasures) related project connected with the Quick Reaction Capability (QRC) program in the Air Force (see QRC).

SILVER DOLLAR - Three Air Force planes set aside as National Emergency Airborne Command Posts. At present the fleet consists of Boeing 707s, but the Air Force wants to switch to 747s.

SILVER SLIPPER - Code name for the ground system of Iran's IBEX ground-based electronic intelligence system.

SOLID SHIELD - Special project under the Army Communications Command.

SOLID SHIELD - A series of joint exercises under the US Atlantic Command, including Navy, Marine Corps, Army and Air Force units, to emphasize command and control of forces in a unified operation.

SOUTHERN CROSS - The Navy's early program for shipboard-to-satellite communications which has grown into the present ADSCOM program. (ES)

SPECKLED TROUT - A Bendix evaluation and fabrication of experimental approach and landing flight control equipment for low visibility associated with large multi-engine military jet aircraft; Air Force test program involving KC-135.

SPECTRE LASER - Air Force project for which Kirtland Contracting Center is the contracting agent.

SQUARE DEAL - A joint US/UK Northern Atlantic ocean acoustic measurement exercise used as a basis for assessment of surveillance system options.

SQUEEZE PLAY - An ASW (Anti-Submarine Warfare) exercise

STABLE DOOR - Code name for harbor defense function in Vietnam.

STANDARD RENDEZVOUS - A classified Air Force program associated with TRACALS (Traffic Control Approach and Landing System).

STEEL TIGER - Reconnaissance flights over Laos.

STRONG EXPRESS - A NATO joint exercise held in the Northern Atlantic in 1972.

STRONG POINT - One of the names associated with a part of the McNamara Line in Vietnam.

STUDY HOBO - A flight test vehicle used for development guidance system demonstration.

SUGAR SHACK - A Navy developed program aimed at a shipboard communications jamming system capable of attenuating the communications of unfriendly ships observing naval fleet operations, such as launchings of aircraft from carriers. TRW Systems conducted initial studies.

SUGAR TREE - Army Security Agency electronic data-collection/communications intelligence system with work performed by Sylvania.

SUITCASE RANGER - The first prototype ruby rangefinder which was capable of three miles range and +30 meters resolution.

TALK QUICK - An interim secure voice system created to satisfy urgent requirements imposed by conditions to Southeast Asia. Function was absorbed by AUTOSEVOCOM (see).

TALL TREE - Part of the Air Force Quick Reaction Capability (QRC) (see) program.

TALON GOLD - A project to develop a low-energy laser to demonstrate acquisition and tracking of targets from space and to precisely point a narrow laser beam. An essential prerequisite for deploying a high-energy laser weapon system. Involves Defense Advanced Research Projects Agency and USAF SAMSO, Army Missile R&D Command. (ML & EO)

TANK BREAKER - A DARPA project to develop a Fire and Forget Seeker for the Army's Hellfire missile.

TAX BRAWLER - An Air Force project under the Office of Scientific Research.

TEA BAG - The last installation in the 99-site wideband/troposcatter and microwave 486L Mediterranean Communications (see MEDCOM) network, linking Martlesham Heath in southern England with Fylingsdales Moor (a 474L BMEWS (see) site) in northeastern England. In turn, this link ties into Germany and European Mediterranean tropo via Spain.

TEAK OIL - A Naval Electronic Systems Command classified program believed to support the TEAL FEATHER program (see).

TEAL AMBER - A Space and Missile Systems Organization sensor that will be used on the telescope at DARPA's Maui Optical Tracking Station in Hawaii for better observation of Soviet spacecraft. A program associated with TEAL AMBER is the Air Force optics program SCOOP.

TEAL BLUE - A Defense Advanced Research Projects Agency-sponsored program being monitored by AF Rome Air Development Center. It has been identified as a Compensated Imaging program for the DARPA facilities at Maui, Hawaii. The current TEAL BLUE II program is the development of a compensated imaging system for distortion caused by atmospheric turbulence.

TEAL DAWN - Classified Air Force project that involves technological efforts for the advanced cruise missile.

TEAL FEATHER - A classified communications system being developed by Ford

Aerospace & Communications for the Naval Electronic Systems Command. Involves terminals on P-3 aircraft.

TEAL GREEN - A study effort undertaken by GTE Sylvania for MICOM/DARPA (Army Missile Command/Defense Advanced Research Projects Agency).

TEAL JADE - An Air Force early warning study. Hughes Aircraft is performing a sensor definition study; Rockwell International an advanced discrimination study; and Lockheed the special early warning portion. The program is designed to detect launches of small missiles from space.

TEAL ONYX - Air Force project, funded by DARPA, to demonstrate the applicability of infrared technology to long-range search support for theater surveillance and control.

TEAL RAIN - Classified project involving DARPA and Air Force Aeronautical Systems Division.

TEAL RUBY - An investigation of infrared detection of aircraft from satellite-borne sensors. The program is being conducted by SAMSO and involves Lockheed Missiles & Space, Rockwell International and IBM. (ML and EO)

TEAL TOPAZ - An Army Missile Materiel Readiness Command project involving Decision Science Application, Inc./Arlington, VA.

TEAL WING - An exploratory development program funded under the Defense Advanced Research Projects Agency (DARPA). System is an advanced command and control communications technology program. Army Missile R&D Command has now contracted Ford Aerospace & Communications/Palo Alto, and Magnavox for a competitive Trans-Pacific test.

TELL TALE - A record unit used by the Navy.

TIBETAN MONK - Classified Army program.

TIGHT JAW - An Army program relating to Vietnam.

TOP SEA - An experimental investigation of ionospheric modification and its application in communications and OTH system performance. program within Defense Advanced Research Projects Agency.

TRAFFIC JAM - Army project under the Harry Diamond Laboratories.

TREE CAT - A phased array retro-directive jammer being developed by Maxson Electronics.

TREE HAWK - A wing pod.

TREE MOTH - A high power expendable jammer for confusing Soviet radars. It descends via parachute giving off 1 kw of noise after release from the aircraft or drone.

TREE SQUID - A Navy search and track radar ECCM evaluation program involving Texas Instruments/Dallas.

TROPHY DASH - A special USAF communications exercise.

TROPIC MOON 3 - Air Force program involving a night attack, acquisition and tracking system installed in B-57G aircraft. Texas Instruments, Westinghouse and Martin Marietta have been identified with the effort.

TRUE COURSE - An experimental investigation of ionospheric modification and its application in communications and OTH system performance. A program within Defense Advanced Research Projects Agency.

TUBA GROOM - Navy program involving Hydrotronics/ McLean, VA.

UPGRADE SILO - A modification improvement program for Minuteman III.

UPGUN COBRAS - A Bell Huey Cobra with a Sperry helmet-mounted optical gunsight.

UPPER HAND - A joint U.S. Norwegian exercise designed to promote proficiency in Anti-Submarine Warfare (ASW), underway logistic support, and communications procedures.

VARITY SPIRIT - Joint Chiefs of Staff (JCS) directed and coordinated exercise.

VELA HOTEL - A satellite program for detection of nuclear detonations in space, now referred to as NDS (Nuclear Detection Satellite). NDS itself has been incorporated into the Program 647 Integrated Satellite.

VELA SIERRA - A Defense Advanced Research Projects Agency (DARPA) program for the detection of nuclear detonations within the atmosphere whose role was taken over by the Vela Hotel satellite, the latter now referred to as NDS (Nuclear Detection Satellite).

VELA UNIFORM - The ground-based portion of the overall nuclear detection and investigation program sometimes referred to as Vela. (see also LASA; VELA.)

VIGILANT OVERVIEW - Air Force exercises, involving the E-3A, to test the North American continent's air defense system.

VIPER FIRE - A Sperry development for the Army consisting of a target sight device mounted on a pilot's flight helmet which is electronically linked with the airframe to measure sight line angles to position the aircraft's armament. Within limits of the turret's tracking capability, the system, in effect, allows a pilot to acquire his target and train his guns on it by looking at it - without further positioning his aircraft.

VOLANT RODEO - Annual airlift readiness training exercise conducted by the Military Airlift Command.

WEDDING RING - An Army Missile Command intelligence analysis program conducted by Sylvania.

WEE LOOK - A multiple-band emitter surveillance equipment under development by McDonnell Douglas and Sylvania for use aboard Navy EA-3B and EA-3C aircraft.

WEST FORD - Forerunner to LEAP FROG (see), the communications experiment involved orbiting of 400 mission hair-thin wires, called dipoles, in a continuous band around the earth to serve as an artificial ionosphere and used to reflect signals of 800 mc back to earth.

WET END - A Naval Sea Systems Command sonar equipment program involving Texas Research Institute, Austin, TX.

WET SNOW - A Strategic Air Command bombing method.

WET WASH - A submarine cable with a 60-channel voice capacity linking

Johnston Island and Hawaii, and a microwave portion consisting of two links between Oahu and the Defense Communications System facilities at Kunai one of three subsystems in the Air Force 484N Pacific Area Communications System (see PACS).

WHISPERING DEATH - An air-deliverable quad 50 cal. machine gun capable of firing 2400 rounds per minute.

WHISPERING GALLERY - A new Air Force technique for propagating medium length radio waves through the D-layer (lower layer of the atmosphere). The technique opens new avenues for military communications and detection systems.

WHITE ALICE - A troposcatter and microwave radio system providing most of the telephone and teletype communications in Alaska. Coming under the Air Force's 489L Northern Area Communications System (see NACS), it serves DOD, government, commercial and general public users.

WHITE CLOUD - A Navy program for liquid propellant guns.

WHITE CLOUD - A Naval ocean surveillance satellite program under development at the Naval Research Laboratory.

WHITE HORSE - New name for SIPAPU (see).

WHITE IGLOO - An early name for the IGLOO WHITE system, the Air Force segment of the overall anti-infiltration system managed by the Defense Communications Planning Group. IGLOO WHITE supports the Army's Commando Hunt operations aimed at reducing the flow of supplies through Laos into South Vietnam. System uses ground sensors, aircraft and ground assessment facilities.

WHITE KNIGHT - See PROJECT WHITE KNIGHT.

WHITE NOISE - A test set developed by Marconi Instruments for the Air Force.

WHITE ORCHID - Part of the Air Force Quick Reaction Capability (QRC) program (see).

WHITE STAR - A 40 mm cartridge used by the Army.

WILD WEASEL - ECM (Electronic Countermeasures) sets designed to warn a pilot that he is being painted by enemy radar and to indicate the direction from which the signal is coming, and acquire that signal for retaliatory action. Used in Air Force aircraft, the Army has also contracted for Wild Weasels aboard its U-8s. A modified version, AN/APR-38, went onto the USAF F-105s. The system may also go on the F-4E. See also Advanced Wild Weasel. (MS)

WIRED GARRISON - An Army R&D effort aimed at improved communication and information systems.

YANKEE TEAM - A phase of Indochina bombings.

YELLOW TAG - An electronics project administered by NAVSEA for which Sylvania/Mountain View, CA received awards. May be part of REWSON (see).