

A	Acceleration
AAA	Active Acquisition Aids
AAFB	Auxiliary Air Force Base
AAO	Astronaut Activities Office (MSC)
AB	Air Bearing
A/B	Air Borne
ABD	Airborne Ballistics Division (NASA)
ABETS	Airborne Beacon Test
ABMA	Army Ballistic Missile Agency
ABT	Air Bearing Table
AC	Alternating Current
AC	Audio Center - Aircraft
AC	Access Control
ACA	Associate Contractor Administration
ACE	Automatic Checkout Equipment
ACE	Attitude Control Electronics (Gemini)
ACES	Automatic Checkout and Evaluation System
ACF	American Car & Foundry
ACL	Aeronautical Computer Laboratory
ACM	Audio Center Module
ACME	Attitude Control and Maneuvering Electronics
A&CO	Assembly and Checkout
ACR	Associate Contractor
ACRC	Audio Center - Receiver
ACSB	Apollo Crew Systems Branch
ACSP	AC Spark Plug
ACTM	Audio Center - Transmitter
ACV	AC Volts
AD	Apollo Development
A/D	Analog to Digital
ADA	Angular Differentiating Accelerometer
ADC	Air Defense Command
ADCON	Analog to Digital Converter
ADF	Automatic Direction Finding (Equip.)
ADMT	Agena Detailed Maneuver Table
ADP	Automatic Data Processing
ADPS	Automatic Data Processing System
ADS	Address Display Subsystem
AE	Apollo Engineering
AE	Architectural & Engineering
A&E	Architectural & Engineering
AEB	Aft Equipment Bay
AEB	Apollo Engineering Bulletin
AEC	Atomic Energy Commission
AED	Aerospace Electrical Division (Westinghouse)
AED	Agena Ephemeris Data
AEDC	Arnold Engineering Development Center
AF	Air Force
AF	Audio Frequency
AFB	Air Force Base
AFBMD	Air Force Ballistic Missile Division
AFC	Automatic Frequency Control

AFCLR	Air Force Cambridge Research Labs
AFCS	Automatic Flight Control System
AFD	Asst. Flight Director (NASA)
AFDO	Asst. Flight Dynamics Officer (NASA)
AFFTC	Air Force Flight Test Center
AFLC	Air Force Logistics Command
AFMDC	Air Force Missile Development Center
AFMTC	Air Force Missile Test Center (Superseded by FF, AMR)
AFOAR	Air Force Office of Aerospace Research (AFSC)
AFPR	Air Force Plant Representative
AFR	Air Force Regulation
AFR	Access Function Register
AFRM	Air Frame
AFSC	Air Force Systems Command
AFSIE	AF Standard Items and Equipment
AFSSD	AF Space Systems Division
A/G	Air to Ground
AGACS	Automatic Ground to Air Communications System
AGANI	Apollo Guidance and Navigation Information
AGAP	Attitude Gyro Accelerometer Package
AGAVE	Automatic Gimballed - Antenna Vectoring Equipment
AGC	Apollo Guidance Computer (used by MIT)
AGC	Automatic Gain Control
AGC	Aerojet General Corporation
AGCS	Automatic Ground Control Station (NASA)
AGCU	Attitude Gyro Coupling Unit
AGE	Apollo Guidance Equipment (used by MIT)
AGE	Aerospace Ground Equipment (Gemini)
AGREE:	Advisory Group in Reliability of Electronic Equipment
AI	Atomics International (NAA)
A(HWT)	Ames (Dimension) Hypersonic Wing Tunnel
AIAA	American Institute of Aeronautics & Astronautics
AICBM	Anti ICBM (Inter -Continental Ballistic Missile)
AID	Atomics International Division (NAA)
AIDE	Aerospace Installation Diagnostic Equipment
AII	Apollo Implementing Instructions
ALC	Automatic Level Control
ALDC	Auto Load and Drive Control
ALEMS	Apollo LEM Sensors
ALFA	Air Lubricated Free Attitude
ALIAS	Algebraic Logic Investigation of Apollo Systems
AM	Amplitude Modulation
A. M.	Aeromedical Monitor (NASA)
AMA	Air Material Area
AMAC	Aviation Medical Acceleration Laboratory
AMAL	Aeronautical Medical Acceleration Lab (Johnsville)
AMC	Army Materiel Command
AMC	Army Missile Command
AMC	Army Munitions Command
Amg	Angle of the Middle Gimbal
AMMP	Apollo Master Measurements Program
AMOO	Aerospace Medical Operations Office (MSC)

AMP	Ampere
AMPR	Aeronautical Manufacturers Planning Report
AMPS	Automatic Message Processing System
AMR	Atlantic Missile Range - Redesignated FF
AMRO	Atlantic Missile Range Operations (MSC)
AMS	Acoustic Measurement System
AMS	Apollo Mission Simulator
AMW	Angular Momentum Wheel
AMX	AM Transmitter - Receiver
ANA	Air Force - Navy Aeronautical
ANNA	Army - Navy - NASA - Air Force Satellite
ANOV	Analysis of Variance
ANT	Antigua Island (FF)
AOMC	Army Ordnance Missile Command
AOD	Asst. Operations Direction (NASA)
AOD	Apollo Operations Director
AOS	Atlantic Ocean Ship
AP	Access Point
AP	Accelerometer Package
A/P	Autopilot
APATS	Automatic Programmer and Test System
APCR	Apollo Program Control Room
APD	Advanced Program Development
APGG	Air Proving Ground Command
APHFFF	Ames Prototype Hypersonic Free Flight Facility
APK	Accelerometer Package
APO	Apollo Project Office
APOTA	Automatic Positioning TLM Antenna
APP	Access Point PACE
APS	Auxiliary Propulsion Systems (S IV B)
APS	Accessory Power System
APT	Automatic Picture Transmission
APTI	Actions Per Time Interval
APTT	Apollo Parts Task Trainer
APU	Auxiliary Power Unit
APWL	Automatically Processed Wire List
AQ	Apollo Qualification
AQ	Acquisition Message
ARA	Auxiliary Recovery Antenna
ARC	Ames Research Center (NASA Moffett Field, Calif.)
ARCAS	AMR Radar Chain Acquisition System
ARDC	Air Research and Development Command (Air Force)
ARE	Apollo Reliability Engineering
AREE	Apollo Reliability Engineering Electronics
ARINC	Aeronautical Radio Incorporated
ARIP	Automatic Rocket Impact Predictor
ARIS	Advanced Range Instrumentation Ships
ARM	Apollo Requirements Manual
ARN	Action & Reply Notice (NAA)
ARPA	Advanced Research Projects Agency (DDRE)
ARQ	Automatic Request
ARS	Air Rescue Service

ARS	American Rocket Society
ARS	Attitude Reference System
ARS	Atmosphere Revitalization Section (GAEC)
A/S	Arm/Safe
ASAP	As Soon As Possible
ASC	Ascension Island (FF)
ASCO	Automatic Sustainer Cut-Off
ASCOP	Applied Science Corporation of Princetown (Division of EMR)
ASCS	Automatic Stabilization and Control System
ASD	Aeronautical Systems Division (Air Force)
ASDD	Apollo Signal Definition Document
ASDE	Antenna Slave Data Equipment
ASDE	Airport Surface Detection Equipment
ASFTS	Auxiliary Systems Function Test Stand
ASGPD	Attitude Set and Gimbal Position Display
ASI	Augmented Spark Igniter
ASIS	Abort Sensing & Implementation System (Atlas-Mercury)
ASK	Amplitude Shift Keying
ASL	Approved Source List
ASM	Apollo Systems Manuel
ASP	Apollo Spacecraft Project
ASPI	Apollo Supplemental Procedural Information
ASPO	Apollo Spacecraft Project Office (MSC)
ASPR	Armed Service Procurement Regulations
ASR	Auto Send & Receive
AST	Apollo Systems Test
ASTIA	Armed Services Technical Information Agency
ATB	Apollo Test Box
ATC	Assistant Test Conductor
ATCE	Ablative Thrust Chamber Engine
ATL	Advanced Technology Laboratories
ATL	Aero-Thermal Lab (Marquardt)
ATO	Apollo Test and Operations
AT&O	Apollo Test and Operations (ATO is Preferred)
ATP	Advanced Technical Payroll
ATP	Acceptance Test Procedure
ATR	Apollo Test Requirement
ATS	Atlantic Test Site
ATS	Atlantic Tracking Ship
ATTS	Automatic TLM Tracking System
ATUR	Apollo Test Unsatisfactory Report
AUP	Ames Unitary Plan (Wind Tunnel)
AUWT	Ames Unitary Wind Tunnel
A-V	Audio-Visual
AVC	Automatic Volume Control
AVO	Avoid Verbal Orders
AVSS	Apollo Vehicle Systems Section (NASA)
AWG	American Wire Gauge
AWI	Accommodation Weight Investigation
AZUSA	Electronic Tracking & Vectoring System (CCNV)
B-	Boilerplate (Prefix)
BB	Bread Board

BAC	Boeing Aircraft Company
BCC	Beacon Control Console
BCD	Binary Coded Decimal
BCI	Baseline Configuration Identification
BCI	Battery Condition Indicator (Fuel Cell)
BCO	Booster Engine Cut - Off
BCN	Beacon
BCRT	Binary Code Range Time
BDA	Bermuda (Remote Site)
BECO	Booster Engine Cut-Off
BER	Bit Error Rate
B/F	Buffer/Formatter
BFO	Beat Freq. Oscillator
BG	Background
B/GE	Burrough /General Electric
B/H	Blockhouse
BIA	Booster Insertion & Abort
BIN	Binary
BIT	Built-In Test
BKHS	Blockhouse
BM	Bench Maintenance
B/M	Bench Maintenance (BM is preferred)
B/M	Buffer /Multiplexer
BMAG	Body Mounted Attitude Gyro
BMD	Ballistic Missile Division (Superseded by ABD)
BME	Bench Maintenance Equipment
BMEWS	Ballistic Missile Early Warning System
BMG	Body Mounted (attitude) Gyro (BMAG is preferred)
BMI	Battelle Memorial Institute
BMTS	Bench Maintenance Test Set
BOA	Broad Ocean Area
BOD	Beneficial Occupancy Data
BOSS	Bio-Astronautic Orbiting Space Station
BP	Blood Pressure
B/P	Boilerplate
B&P	Budgetary & Planning
BPR	Bimonthly Progress Report
BPS	Bits Per Second
BRL	Ballistic Research Laboratory
BRLT	Ballistic Research Lab Transonic (Range)
BS	Battle ship
BSD	Ballistic System Division
BSI	Booster Situation Indicator
BST	Brief Systems Test
BTC	Booster Test Conductor
B/U	Back-Up
C	Core (Metal)
°C	Degrees Celsius (formerly Centigrade)
C-	Saturn Launch Vehicle (Configuration)
CAC	Canaveral Administrative Complex
CADDAC	Central Analog Data Distributing System
CADFISS	Computation and Data Flow Integrated Subsystem (Test)

CADPO	Communications and Data Processing
CAL	Cornell Aeronautical Laboratory
CAL	Point Arguello, California (Remote Site)
CALST	Cornell Aeronautical Lab Shock Tunnel
CAM	Civil Aeronautics Manual
CAR	Contractual Action Request
CAR	Carnarvon, Australia (CRO is Preferred)
C-Band	5400 - 5900 MC
CBA	C-Band Transponder Antenna
CBC	Complete Blood Count
CBC	Change Board Commitment
CBX	C-Band Transponder
cc	Command Center
cc	Cubic Centimeter
cc	Communications Control
cc	Central Control
cc	Capsule Communicator
CCA	Contract Change Authorization
CCB	Change Control Board
CCC	Coordinate Conversion Computer (NASA)
CCFT	Controlled Current Feedback Transformer
CCMTA	Cape Canaveral Missile Test Annex
CCN	Contract Change Notification
CCNV	Cape Canaveral (Known now as Kennedy Space Center)
CCP	Contract Change Proposal
CCR	Contract Change Request
CCSD	Chrysler Corporation Space Division
CCTV	Closed Circuit Television
CCU	Camera Control Unit
CCU	Coupling Control Unit
CCW	Counterclockwise
CD	Call Director
C/D	Count Down
C&D	Communication & Data
CDB	Current Data Bit
CDC	Computer Development Center (NASA)
CDC	Control Data Corporation
CDCM	Coupling Display Manual Control - IMU
CDCO	Coupling Display Manual Control - Optics
CDCU	Communications Digital Control Unit
CDOH	Coupling Display Optical Hand Controller
CDOM	Chief Draftsman Office Memorandum (DAC)
CDP	Central Data Processor
CDR	Command Destruct Receiver
CDRD	Computations & Data Reduction Division
CDSC	Coupling Display SCT Manual Control
C&DSS	Communications & Data Sub-Systems
CDU	Coupling Display Unit
CDU	Coupling Data Unit
CDUM	Coupling Display Unit - IMU
CDUO	Coupling Display Unit - Optics
CDW	Computer Data Word

CEC	Consolidated Electrodynamics Corporation
CEC	Consolidated Electronics Corporation
CED	Communications & Electronics Division (Philco)
CEO	Chief Engineers Office
CEP	Computed Ephemeris Position
CEP	Circular Error Probable
CEPS	Command (Module) Electrical Power System
CET	Capsule Elapsed Time
C/F	Center Frequency
CFD	Cumulative Frequency Distribution
CFE	Contractor Furnished Equipment
CFM	Cubic Feet Per Minute
CFP	Contractor Furnished Property
cg	Center of Gravity
CGSS	Cryogenic Gas Storage System
CH4	Methane
C&I	Communication & Instrumentation
CIA	Central Intelligence Agencies
CID	Cable Interconnect Diagram
CIF	Central Information Facility (FF, AMR)
CIF	Central Instrumentation Facility
CIMU	Christmas Island Station (WDL)
CIR	Critical Item Report
C&IS	Communication & Instrumentation Systems (CIS is preferred)
CIS	Communication and Instrumentation System
CIT	California Institute of Technology
CKN	Cape Kennedy (may be temporary abbreviation)
CL	Closed Loop
CLN	Colon (TWX)
CLM	Circumlunar Mission
CM	Command Module
C/M	Command Module (CM is preferred)
CMDAC	Current Mode Digital -To -Analog Converter
CME	Commercial Measuring Equipment
CMM	Comma (TWX)
CMM	Communications and Telemetry (used by MIT)
CMO	Contingency Mode of Operation
CMR	Common Mode Rejection
CMT	Command Module Technician (NAA)
CMU	Compatibility Mock-Up
CN	Contract Change Notice (MSFC)
CNB	Canberra, Australia
CNI	Canary Island (Formerly CYI)
CNV	Cape Canaveral (Remote Site; now Kennedy Space Center)
CO	Carbon Monoxide
C/O	Checkout
C/O	Cutoff
COBI	Coded Biphase
COBRA	Compatible On-Board Ranging
CO2	Carbon Dioxide
COED	Computer Operated Electronic Display
COGS	Continuous Orbital Guidance System

COLIDAR	Coherent Light Detection and Ranging
COMM	Communications
COTAR	Correlation Tracking and Ranging
COR	Contracting Officer's Representative (MSFC)
CP	Control Point
CP	Control Panel
CP	Communications Processor
CP	Control Programmer (AFRM 009)
C&P	Contracts and Pricing
C/P	Cartesian-To-Polar Converter
CPDC	Command Processor Distributor Control
CPFF	Cost Plus Fixed Fee
cpi	Characters Per Inch
CPM	Command Processor Module
CPO	Central Planning Office (MSFC)
cps	Cycles Per Second
CPS	Critical Path Schedule
CR	Contractor's Response (MSFC)
CR	Customer's Request
CRC	Collins Radio Company
CRES	Corrosion Resistant Steel
CRO	Cathode Ray. Oscilloscope
CRO	Carnarvon, Australia
CRT	Cathode Ray Tube
CS	Communication System
CSAT	Combined Systems Acceptance Test
CSC	Communications Systems Center
CSD	Computer Systems Director
CSD	Crew Systems Division (MSC)
CSM	Command & Service Module
C&SM	Command & Service Modules (CSM is preferred)
CSP	Coder Sequential Pulse
CSPO	Control Systems Procurement Office
CSQ	Coastal Sentry Quebec (Ship)
CSR	Check Status Register
CSS	Clock Sub-System
CSS	Cryogenic Storage System
CSS	Crew Safety System
CSS	Control Stick Steering
CSS	Communications Sub-System
CSR	Control Shift Register
CST	Combined Systems Test
CSTU	Combined Systems Test Unit
CSWY	Causeway (NASA)
CT	Command Transmitter
CTCI	Contract Technical Compliance Test
CT&DSS	Central Timing & Data Distribution System
CTE	Central Timing Equipment
CTL	Component Test Laboratory (NASA)
CTN	Canton Island (Remote Site)
CTT	Card-To-Tape Tape
CTU	Central Timing Unit



CU	Close-Up
CUE	Command Uplink Electronics (PACE)
CVE	Complete Vehicle Erector
CVR	Change Verification Record
CW	Clockwise
CW	Continuous Wave
CWG	Constant Wear Garment
CYI	Canary Islands (CNI is Preferred)
DA	Dip Angle
DA	Double Amplitude
D/A	Digital to Analog
DAC	Douglas Aircraft Company
DAC	Digital to Analog Converter
DACAPS	Data Collection and Processing System
DACON	Digital to Analog Converter (DAC is Preferred)
DAE	Data Acquisition Equipment
DAMP	Department of Army Missile Program
DARE	Data Automatic Reduction Equipment
DART	Director and Response Tester
DAS	Data Acquisition System
DAS	Decision Assist System
DB	Dead Band
db	Decibel
DBM	Decibels with respect to One Milliwatt
DBV	Decibels with respect to One Volt
DBW	Decibels with respect to One Watt
DC	Direct Current
D&C	Displays and Controls
DCA	Design Change Authorization
DCAS	Data Collection & Analysis System
DCCU	Decommutator Conditioning Unit (PACE)
DCD	Design Coordinations Document
DCIB	Data Communication Input Buffer
DCO	Detailed Checkout
DCOP	Detailed Checkout Procedure
DCOS	Data Communication Output Selector
DCR	Design Change Request (NASA)
DCR	Disposition of Contract Request
DCS	Design Control Specification
DCS	Digital Command System
DCU	Digital Control Unit
DCU	Display and Control Unit
DCU	Data Control Unit
DCV	DC Volts
DD	Defense Department
DDA	Digital Differential Analyzer
DDC	Dual Diversity Comparator
DDC	Direct Data Channel
DDP	Data Distribution Panel
DDP	Digital Data Processor
DDRE	Director of Defense Research & Engineering (DOD)
DDS	Data Display System

DDT	Doppler Data Translator
DDT	Digital Data Transceiver
DDTE	Digital Data Terminal Equipment
DE	Display Electronics
DEA	Display Electronics Assemblies
DEC	Declination
DECA	Display/AGAP Electronic Control Assembly
DEI	Design Engineering Inspection
DELTA	Detailed Labor and Time Analysis
DELTA	Differential A
DF	Direction Finding
DF	Drawing File
D/F	Direction Finder
DFS	Dynamic Flight Simulator
DGU	Display Generator Unit
DIM	Design Information Manual
DIPS	Dual Impact Prediction System
DISTRAM	Digital Space Trajectory Measurement System
DM	Design Manual
DNA	Does Not Apply
DNR	Down Range
DOD	Department of Defense
DOETS	Dual Object Electronic Tracking System
DOF	Degree of Freedom
DOF	Direction of Flight
DOVAP	Doppler Velocity and Position
DP	Design Proof
DPC	Data Processing Center
DPDT	Double Pole Double Throw
DPST	Double Pole Single Throw
DPT	Design Proof Test
DQM	Data Quality Monitor
D/R	Data Receiver
DR	Discrepancy Report (NAA)
DRB	Design Review Board
DRE	Data Reduction Equipment
DRED	Data Router and Error Detector
DRM	Drawing Requirements Manual
DRS	Discrepancy Report Squawk (NAA)
DSB	Double Side Band
DSC	Discone Antenna (VHF & 2 KMC OMNI)
DSE	Data Storage Equipment
DSIF	Deep Space Instrumentation Facility
DSS	Deep Space Station
DSV	Douglas Space Vehicle (DAC)
DTCS	Digital Test Command System (PACE)
DTE	Data Transmission Equipment
DTMS	Digital Test Monitor System
DTS	Data Transmission System
DTT	Design Tool Test
DTVC	Digital Transmission and Verification Converter (PACE)
DVD	Delta Velocity Display

DVM	Digital Volt Meter
DVO	Delta Velocity On/Off
DVT	Design Verification Testing
DVU	Delta Velocity Ullage
EAFB	Edwards Air Force Base (California)
EAFB	Eglin Air Force Base (Florida)
EAFB	Ellington Air Force Base (Texas)
EBW	Explosive Bridge Wire
ECA	Electronic Control Assembly
ECA	Engineering Change Analysis
ECAR	Electronic Control Assembly - Roll
ECD	Engineering Control Drawing
ECD	Entry Corridor Display
ECET	Electronic Control Assembly - Engine Thrust
ECG	Electrocardiograph, Electrocardiography, Electrocardiogram
ECK	Emergency Communications Key
ECN	Engineering Change Notice
ECO	Engine Cut-Off
ECO	Engineering Change Order (MSC)
ECPY	Electronic Control Assembly - Pitch & Yaw
ECS	Environmental Control System
ECU	Environmental Control Unit
ECU	Extreme Close-Up
E&D	Evaluation & Development (DAC)
EDC	Engineering Design Change
EDCP	Engineering Design Change Proposal
EDDF	Error Detection and Decision Feedback
EDL	Engineering Development Laboratory
EDP	Electronic Data Processing
EDPM	Electronic Data Processing Machine
EDS	Emergency Detection System
EED	Electro Explosive Device
EEG	Electroencephalograph, Electroencephalogram, Electroencephalography
EEI	Electrical Electronic (NASA)
EEM	Earth Entry Module
EET	Equivalent Exposure Time
EFRC	Edwards Flight Research Center
EFSSS	Engine Failure Sensing & Shutdown System
EGADS	Electronic Ground Arm Destruct System
EGL	Elgin Air Force Base, Florida (Remote Site)
EGT	Elapsed Ground Time
EGT	Estimated Ground Time
EGT	Exhaust Gas Temperature (Fuel Cell)
EHF	Extremely High Frequency (30, 000 - 300, 000 MC)
EI	Electromagnetic Interference
EI	Electronic Interface
EKG	Electrocardiograph, Electrocardiography, Electrocardiogram
EL	Electro-Luminescence (GAEC)
ELCA	Earth Landing Control Area
ELP	English Language Program
ELS	Earth Landing System
E/M	Escape Motor

EMD	Entry Monitor Display
EMG	Electromyograph, Electromyography, Electromyogram
EMI	Electromagnetic Interference
EMR	Electro -Mechanical Research, Inc.
EMWA	Engineering Minor Work Authorization
EO	Earth Orbit
EO	Engineering Order
E&O	Engineering and Operations (Building)
EOB	End of Block
EOC	Engine Out Capability
EOCR	Engineering Order Control Records
EOD	Explosive Ordnance Disposal
EOL	Earth Orbit Launch
EOM	Earth Orbital Mission
EOM	End of Message (Agena)
EOPR	Engineering Order Purchase Request
EOR	Earth Orbital Rendezvous
EORQ	Engineering Order Request for Quotation
EPA	Engineering Project Authorization
EPA	Engineering Personnel Authorization
EPDS	Electrical Power Distribution System
EPS	Electrical Power System
EPSTF	Electrical Power System Test Facility
EPT	Environmental Proof Test (NAA)
EPUT	Events Per Unit Time
ERBM	Extended Range Ballistic Missile
ERG	Electroretinograph, Electroretinography, Electroretinogram
ERP	Educational Reimbursement Program
ERP	Eye Reference Point
ERS	Entry and Recovery Simulation
ERU	Earth Rate Unit (15°/hr. )
ESB	Electrical Systems Branch (MSC)
ESCS	Electronic S/C Simulator (NASA)
ESD	Electronic Systems Division (NASA)
ESE	Engineering Support Equipment
E. S. M.	Environmental Systems Monitor (NASA)
ESMU	Electronic Systems Mock-Up
ESPAR	Electronically Steerable Phased Array Radar
ESS	Emergency Survival System (NASA)
ESS	Entry Survival System
ESS	Electrical Supervisory Subassembly
ESTF	Electronic System Test Facility (NASA)
ESV	Emergency Shutoff Valve
ET	Escape Tower
E/T	Escape Tower
ETA	Estimated Time of Arrival
ETA	Estimated Time to Acquisition
ETF	Eglin Test Facility
ETIC	Estimated Time in Commission
ETOC	Estimated Time of Correction
ETMWG	Electronic Trajectory Measurements Working Group (IRIG)
ETPY	Electronic Control Assembly - Thrust Vector Pitch & Yaw

ETT	Estimated Time of Track
EVA	Extra Vehicular Astronaut
EVS	Extra Vehicular Suit
EVSC	Extra Vehicular Suit Communications
EVSS	Extra Vehicular Space Suit
EVSTC	Extra Vehicular Suit Telecommunications
EWO	Engineering Work Order (DAC)
EWV	Extended Work Week
°F	Degrees Fahrenheit
FA	Fully Automatic
FAA	Federal Aviation Agency
FAIR	Fabrication, Assembly, and Inspection Records
FACT	Flight Acceptance Composite Test
FAE	Final Approach Equipment
FAP	Fortran Assembly Program
FAX	Facsimile Transmission
FC	Ferrite Core
F/C	Fuel Cell
F/C	Flight Control
FCD	Flight Control Division (Formerly FCOB) (NASA)
FCH	Flight Controllers Handbook
FCL	Feeder Control Logic (GAEC)
FCO	Flight Crew Operations (Formerly FCOD) (NASA)
FCOB	Flight Crew Operations Branch (NASA) (Replaced by FCD)
FCOD	Flight Crew Operations Division (MSC) (Replaced by FCO)
FCT	Flight Crew Trainer (IMCC)
FCTS	Flight Crew Trainer Simulator
FD	Flight Director (NASA)
FDAI	Flight Director Attitude Indicator
FDI	Flight Director Instrument (Gemini)
FDO	Flight Dynamics Officer
FDO	Fernando de Noronha, Brazil (FF)
FDRI	Flight Director Rate Indicator
FDT	Full Duplex Teletype (Circuit)
FDX	Full Duplex
FEA	Failure Effects Analysis
FEB	Forward Equipment Bay
FEB	Functional Electronic Block (Micro-Min.)
FEE	Failure Effects Evaluation (Collins)
FEO	Field Engineering Order
FF	Florida Facility - Test & Quality Assurance (Formerly AMR)
FG	Foreground
FHS	Forward Heat Shield
FIDO	Flight Dynamics Office
FLAC	Florida Automatic Computer
FLSC	Flexible Linear Shaped Charge
FM	Frequency Modulation
FMA	Failure Mode Analysis
FMD&C	Flight Mechanics, Dynamics & Control
FMIC	Frequency Monitoring & Interference Control
FMX	FM Transmitter
F/O	Fuel/Oxidizer Ratio

FOD	Flight Operations Division (MSC)
FOF	Flight Operations Facilities
FORTTRAN	Formula Translation
FOS	Flight Operations Support
FP	Fuel Pressure
FP	Full Period
FPIS	Forward Propagation Ionospheric Scatter Transceivers
FPO	Future Projects Office (MSFC)
FPQ	Fixed, Special Purpose Radar
FPS	Frames per Second
FPS	Fixed, Instrumentation Radar
fps	Feet Per Second
FQ	Flight Qualification
FRC	Flight Research Center (NASA) (Edwards AFB, Calif)
FRDI	Flight Research & Development Instrumentation
FRF	Flight Readiness Firing
FRFT	Flight Readiness Firing Test
FRW	Fixed Radio Control
FSK	Frequency Shift Keying
FSS	Full-Scale Station
FTP	Flight Test Procedure
FTS	Functional Test Specification
FU	Firing Unit
FY	Fiscal Year
g	Gravity
G/A	Ground to Air
G/A	Guidance Amp.
GAEC	Grumman Aircraft Engineering Corporation
G/A/G	Ground To Air To Ground
GBI	Grand Bahama Island
GBR	Radio Station (Rugby, England)
GC	Gigacycles (1000 Megacycles)
G&C	Guidance & Control
GCA	Ground Control Approach
GCA	Guidance Coupler Assembly (GAEC)
GCC	Gemini Control Center
G&CEP	Guidance & Control Equipment Performance
GCTS	Ground Comm. and Tracking System
GCU	(Attitude) Gyro Coupling Unit (AGCU is Preferred)
GD/A	General Dynamics /Astronautics
GD-A	General Dynamics - Astronautics
GDC	General Dynamics Corporation
GDC	Ground Digital Control
GDMT	Gemini Detailed Maneuver Table
GDOP	Geometric Dilution of Precision
GE	General Electric
GE/B	General Electric /Burroughs
GEEIA	Ground Electronics Engineering Installation Agency
GET	Ground Elapsed Time
GETS	Ground Equipment Test Set
GFAE	Government Furnished Aeronautical Equipment
GFE	Government Furnished Equipment

GFP	Government Furnished Property
GG	Gas Generator
GH2	Gaseous Hydrogen
GHA	Greenwich Hour Angle
GHE	Ground Handling Equipment
GHe	Gaseous Helium
GICS	Global Instrumentation Control System (IBM)
GICS	Ground Instrumentation & Comm. System
GIE	Ground Instrumentation Equipment
GLA	General Laboratory Associates, Inc.
GLDS	Gemini Launch Data System
GLV	Gemini Launch Vehicle
GME	Gimbal Module Electronics (MIT)
GMRD	Guided Missile Range Division
GMS	Gemini Mission Simulator
GMT	Greenwich Mean Time
G/N	General Note
G&N	Guidance and Navigation
G&NS	Guidance and Navigation System
GN2	Gaseous Nitrogen
GNC	Guidance and Navigation Computer
GNE	Guidance and Navigation Electronics
GO	General Order
GO2	Gaseous Oxygen
GOE	Ground Operating Equipment
GOM	Government Owned Material
GOSS	Ground Operational Support System
GOX	Gaseous Oxygen (Superseded by GO2)
GP	General Purpose
GPD	Goss Program Directorate
GPD	Gimbal Position Display
GPI	General Precision, Inc.
GPI	Gimbal Position Indicator
gpm	Gallons per Minute
GPO	Gemini Project Office
GRNC	Group Not Counted
GS	GOSS
GSA	General Services Administration (AFMTC)
GSC	Goddard Space Center
GSDS	Goldstone Duplicate Standard (Standard DSIF equip.)
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center (NASA) (Greenbelt, Md.)
GSP	Guidance Signal Processor
GSPO	Ground Systems Project Office (MSC)
GSP-R	Guidance Signal Processor - Repeater
GSR	Galvanic Skin Response
GSSC	General Systems Simulation Center (NASA)
GSSC	Ground Support Simulation Computer (IMCC)
GSSF	General Service Stock Fund (AFMTC)
GSTP	Ground System Test Procedure
GTI	Grand Turk Island
GTK	Grand Turk

GTP	General Test Plan
G vs T	Deceleration Units of Gravity versus Time
G vs V	Deceleration Units of Gravity versus Velocity
GYI	Grand Canary Island (remote site)
GYM	Guaymas, Mexico (Remote site)
H	Height
H2	Hydrogen
H/A	Hazardous Area
HAA	High Altitude Abort
HADC	Holloman Air Development Center
HAFB	Holloman Air Force Base, New Mexico
HAW	Kauai Island, Hawaii (Remote site)
HC	Hand Control
HDI	Human Development Institute
HE	Helium (He is preferred)
He	Helium
H/E	Heat Exchanger
HF	High Frequency (3 - 30 mc)
H/F	Human Factors
HFA	High Frequency Recovery Antenna
HFX	High Frequency Transceiver
HGA	High Gain Antenna (2 KMC)
HGB	Hemoglobin
HIG	Hermetic (sealed) Integrating Gyroscope
HIEX	High Explosive (NASA)
HME	Office of Manned Space Flight (MSFC)
H2O	Water
HOFCO	Horizontal Functional Checkout
HON	Honolulu
HOU	Houston OIS Facility
HP	Hewlett-Packard
HPC	Houston Petroleum Center
HRT	High Resolution Tracking
H2S	Hydrogen Sulfide
HS	Heat Shield
HS	Hot Short
HS	Hydrogen Sulfide
HS	High Speed
H/S	Heat Shield
H-S	Hamilton Standards
H-S	Horizon Scanner or Sensor
HSA	Heat Shield Abort
HSB	Heat Shield Boost
HS/C	House Spacecraft
HSD	High Speed Data
HSE	Heat Shield Entry
HSR	Heat Shield Recovery
HTV	U.S.S. Huntsville
HW	Hotwire
HWT	Hypersonic Wind Tunnel
H/X	Heat Exchanger
IA	Input Axis



IAD	Interface Analysis Document
IAS	Indicated Air Speed
IAS	Institute of Aeronautical Sciences
IC	Intercommunications Equipment
I&C	Installation and Checkout
I/C	Intercom
ICA	Item Change Analysis
ICBM	Inter-Continental Ballistic Missile
ICD	Interface Control Document
ICM	Instrumentation and Communications Monitor (NAA)
ID	Inside Diameter
IDEP	Interservice Data Exchange Program
IDL	Indentured Drawing List
IDP	Integrated Data Processing
IDU	Indicator Drive Unit
IDWA	Inter-Division Work Authorization
IESD	Instrumentation & Electronic Systems Division (MSC)
IF	Intermediate Frequency
I/F	Interface
IFA	In-Flight Analysis
IFM	In-Flight Maintenance
IFLTT	Intermediate Focal Length Tracking Telescope
IFT	In-Flight Test
IFTM	In-Flight Test and Maintenance
IFTS	In-Flight Test System
IG	Inner Gimbal
IGA	Inner Gimbal Axis
IGA	Inner Gimbal Angle
IGE	Instrumentation Ground Equipment
IGOR	Intercept Ground Optical Recorder
IGS	Inertial Guidance System (Gemini)
IGS	Inter-Gimbal Subassembly
IGY	International Geophysical Year
IIP	Immediate Impact Point
IL	Instrumentation Lab (MIT)
IL	Inertial Lab (NASA)
IL	Internal Letter
ILC	International Latex Company
ILCC	Integrated Launch Checkout and Control
IMC	Image Motion Compensation
IMCC	Integrated Mission Control Center
IMP	Interplanetary Monitoring Platform
IMPS	Interplanetary Measurement Probes (JPL)
IMS	Interplanetary Monitor Satellite
IMU	Inertial Measurement Unit
I/N	Item Number
INS	Inertial Navigation System
IOC	Initial Operational Capability
IOL	Inter-Office Letter (superseded by IL)
IOS	Indian Ocean Ship (Tracking)
I/P	Impact Predictor
IPB	Illustrated Parts Breakdown

IPS	Instrumentation Power System
ips	Inches per Second
IR	Interchangeability and Replacability
IR	Infra Red
IRACQ	Instrumentation Radar and Acquisition Panel
IRBM	Intermediate Range Ballistic Missile
IRG	Inertial Rate Gyro
IRIG	Inter-Range Instrumentation Group
IRIG	Inertial Rate Integrating Gyroscope (used by MIT)
IRN	Interim Revision Notice (Applies to Publications)
IRN	Interface Revision Notice (Applies to EO's)
IRP	Inertial Reference Package
IS	Instrumentation System
I/S	Installation of Systems
ISB	Independent Sideband
ISC	Industrial Support Contractor
Isp	Specific Impulse
ISS	Inertial Sub-System (MIT)
ISS	Input Sub-System
IST	Integrated Systems Test
ITB	Invitation To Bid
ITF	Integrated Test Facility
ITI	Inspection and Test Instruction
IU	Instrumentation Unit
IN	Instrumentation Unit (IU is preferred)
IUA	Inertial Unit Assembly
JFACT	Joint Facility Acceptance Composite Test
JIR	Job Improvement Request
JJY	Time Standard Radio Station (Tokyo, Japan)
J/M	Jettison Motor
JOD	Joint Occupancy Date
JOP	Joint Operating Procedures
JPL	Jet Propulsion Laboratory
JRS	Spring Retained Rate Gyro
°K	Degrees Kelvin
K	Kilo (1000 X)
K-Band	(11, 500 - 38, 000 MC)
KB/S	Kilobits/Second
KC	Kilocycle (Thousand Cycles per Second)
KIAS	Knots Indicated Air Speed
KIC	Kollsman Instrument Corp.
KMC	Kilomegacycle
KNO	Kano, Nigeria (Remote site)
KOH	Potassium Hydroxide
KPS	Kanea Pt. Station, Hawaii
KPSI	Kilo Pounds per Square Inch
KTS	Kodiak Tracking Station, Alaska
KW	Kilowatt
KYD	Kiloyards
KSC	Kennedy Space Center
LAC	Lockheed Aircraft Corporation
LAD	Los Angeles Division (NAA)

LAET	Limiting Actual Exposure Time
LASER	Light Amplification by Stimulated Emission of Radiation
LASV	Low Altitude Supersonic Vehicle
L-Band	(390 - 1,550 MC) Freq.
LBM	Load Buffer Memory
LBM	Lunar Breaking Module
LC	Launch Complex
LC	Launch Countdown
L/C	Letter Contract
LCC	Launch Control Center
LCE	Launch Complex Engineer
LCS	Launch Control System
L/D	Lift/Drag Ratio
LDGE	LEM Dummy Guidance Equipment
LDP	Local Data Package
LDT	Level Detector
LE	Launch Escape
L/E	Launch Escape (LE is preferred)
LEB	Lower Equipment Bay
LEC	Launch Escape Control
LECA	Launch Escape Control Area
LEDC	Low Energy Detonating Charge
LEM	Launch Escape Motor
LEM	Lunar Excursion Module
LEPS	Lunar Excursion Propulsion System
LES	Launch Escape System
LESC	Launch Escape System Control
LESCS	Launch Escape Stabilization and Control System (Obsolete)
LET	Launch Escape Tower
LETCS	Launch Escape Tower Canard System
LF	Low Frequency (30 - 300 kc)
LGE	LEM Guidance Equipment
LH	Left Hand
LH2	Liquid Hydrogen
LHA	Local Hour Angle
LHE	Liquid Helium
LHe	Liquid Helium
LHFEB	Left Hand Forward Equipment Bay
LHSC	Left Hand Side Console
LioH	Lithium Hydroxide
LJ	Little Joe
LL	Low Level
LLM	Lunar Landing Mission
LLM	Lunar Landing Module
LLOS	Landmark Line of Sight
LLSV	Lunar Logistics System Vehicle
LLV	Lunar Landing Vehicle
LM	Landmark
L&M	Light & Medium Vehicles Office (MSFC)
LME	Launch Monitor Equipment
LMSC	Lockheed Missile and Space Company
LN2	Liquid Nitrogen

LO	Launch Operations
L/O	Liftoff
LOB	Launch Operations Building
LO2	Liquid Oxygen
LOC	Launch Operations Center (NASA) (Cocoa Beach, Fla.)
LOD	Launch Operations Directorate
LOD	Launch Operations Division (NASA) (Superseded by LOC)
LOM	Lunar Orbital Mission
LOP	Launch Operations Panel
LOR	Lunar Orbital Rendezvous
LORAC	Long Range Accuracy
LOS	Line of Sight
LOS	Loss of Signal
LOTS	Launch Optical Trajectory System
LOX	Liquid Oxygen (superseded by LO2)
LP	Lower Panel
LPA	Log Periodic Antenna
LPC	Lockheed Propulsion Company
LPGE	LEM Partial Guidance Equipment
LR	Laboratory Request
LR	Lunar Rendezvous
LRC	Langley Research Center (NASA) (Hampton, Va.)
LRC	Lewis Research Center (NASA) (Cleveland, Ohio)
LS	Long Shot
L. S.	Life Systems
LSB	Lower Side Band
LSB	Least Significant Bit
LSC	Linear Shaped Charge
LSD	Low Speed Data
LSD	Life Systems Division (MSC) (Superseded by CSD)
LSD	Launch Systems Data
LSO	Life Systems Officer (NASA)
LSS	Life Support System
LTA	LEM Test Article
LTDS	Launch Trajectory Data System
LTDT	Langley Transonic Dynamics Tunnel
LTPT	Langley 8 Foot Transonic Tunnel
LTS	Launch Tracking Stations
LTS	Launch TLM System
LTS	Liftoff Transmission Subsystems
LTV	Ling Temco Vought
LUCOM	Lunar Communication System
LUPWT	Langley Unitary Plan Wind Tunnel
LUT	Launcher Umbilical Tower
LV	Launch Vehicle
LV	Local Vertical
L/V	Launch Vehicle
LVO	Launch Vehicle Operations (MSFC)
LVOD	Launch Vehicle Operations Division (MSFC)
LVM	Launch Vehicle Monitor (NASA)
LVS	Launch Vehicle Simulator (A14-021)
LVSE	Launch Vehicle Systems Engineer

LVSG	Launch Vehicle Study Group
LVSSTS	Launch Vehicle Safety System Test Set
LVTC	Launch Vehicle Test Conductor
LW	Launch Window
LWD	Launch Window Display
MA	Mercury-Atlas
MA	Message Assembler
MA-	SID Process Spec
MAC	McDonnell Aircraft Company
MAP	Message Acceptance Pulse (NASA)
MAR	Memory Address Register
MASSPO	Manned Spaceflight Support Project Office
MASER	Microwave Amplification by Stimulated Emission of Radiation
MASTIF	Multi Axis Spin Test Inertial Facility
MB-	SID Materials Spec
MC	Manual Control
MC	Megacycle (Million Cycles per Second)
MC	Midcourse Correction
MC-	SID Procurement Spec
MCA	Main Console Assembly
MCC	Mercury Control Center
MCC	Mission Control Center
MCCG	Mission Command & Control Group (NASA)
MCE	Manpower and Cost Estimates
MCP	Master Change Proposal
MCR	Master Change Record
MCU	Medium Close-Up
MD	Master Dimension
MD	Missile Division (superseded by SID)
MDA	Middle Gimbal Axis
MDA	Middle Gimbal Angle
MDC	Main Display Console
MDC	Mission Display Equipment
MDF	Main Distribution Frame (IMCC)
MDF	Mild Detonating Fuse
MDP	Main Display Panel (Superseded by MDC)
MDR	Mission Data Reduction
MDS	Malfunction Detection System
MDS	Master Development Schedule
MDSS	Mission Data Support System
MDT	Mean Down Time
MDV	Map & Data Viewer
ME	Manufacturing Engineering (MSFC)
ME-	SID Control Number for Procured Part
MEC	Manual Emergency Controls
MEE	Mission Essential Equipment
MEP	Moon Earth Plane
MER <sub>u</sub>	Milli-Earth Rate Unit (0. 015 degrees/hour)
MES	Mission Event Sequence
MEV	Million Electron Volts
MF	Medium Frequency (300kc - 3 mc)
MFG	Major Functional Group

MFV	Main Fuel Valve
MG	Middle Gimbal
MG	Motor-Generator
MGA	Middle Gimbal Axis
MGE	Maintenance Ground Equipment
M-H	Minneapolis -Honeywell
MI	Minimum Impulser
MI	Manual Input
MIDOT	Multiple Interferometer Determination of Trajectories
MIG	Metal Inert Gas
MIG	Miniature Integrating Gyro
MIIA	Merritt Island Launch Area (NASA)
MIL	Milliradian
MILA	Merritt Island Launch Area (NASA)
MILPAS	Miscellaneous Information Listing Program Apollo Spacecraft
MILS	Missile Impact Location System
MIL-STD	Military Standard (Specification)
MISTRAM	Missile Trajectory Measurement
MIP	Minimum Impulse Pulse
MIT	Massachusetts Institute of Technology
MITE	Master Instrumentation Timing Equipment
MITIL	Massachusetts Institute of Technology Instrumentation Lab
MITOC	Missile Intercom Technical Operational Communications
MIU	Malfunction Insertion Unit (NASA)
ML	Mold Line
M/L	Manual Local
MLLP	Manned Lunar Landing Project
MLP	Machine Language Program
MLS	Medium Long Shot
MLT	Mission Life Test
mm	Millimeter
M/M	Millimeter
M/M	Maximum and Minimum
MMH	Monomethylhydrazine (Fuel)
MMRS	Manned Military Recovery System
MMU	Midcourse Measurement Unit
MNEE	Mission Non-Essential Equipment
M&O	Maintenance and Operation
MO	Maneuver Into Orbit
MOC	Master Operations Control
MOC	Master Operations Console
MOC	Mission Operation Computer
MOCR	Mission Operations Control Room (IMCC)
MODS	Manned Orbital Development Station (MSC)
MODS	Military Orbital Development System (Air Force)
MOPS	Military Operation Phone System
MOPS	Missile Operations
MORL	Manned Orbiting Research Laboratory
MOSS	Manned Orbital Space Station
MOV	Main Oxidizer Valve
MOW	Mission Operations Wing
MPA	Miniature Pendulum Accelerometer

MPO	Mercury Project Office (Obsolete)
MPR	Malfunction Problem Record
MPTR	Mobile Position Tracking Radar
MPTS	Multi-Purpose Tool Set
MQ-	SID Quality Control Spec
MR	Materials Review
MR	Mercury Redstone
MRB	Material Review Board
MRCR	Measurement Requirement Change Request
MRO	Maintenance, Repair and Operation
MS	Missile Stations
MS	Military Standards
MS	Medium Shot
MS	Mission Sequencer
M/S	Main Stage
MSA	Master Schedule Authorization
MSB	Most Significant Bit
MSC	Manned Spacecraft Center (NASA) (Clear Lake, Texas)
MSD	Mission Systems Data
MSF	Radio Station (Rugby, England)
MSFC	Marshall Space Flight Center (NASA) (Huntsville, Ala.)
MSFN	Manned Space Flight Network
MSFP	Manned Space Flight Program
MSL	Missile
MSL	Mean Sea Level
MSS	Mission Status Summary
MT	Magnetic Tape
MTBF	Mean Time Between Failures
MTF	Mississippi Test Facility (NASA)
MTS	Master Timing System
MTS	Motor - Operated Transfer Switch
MTTF	Mean Time To Failure
MTTR	Mean Time To Repair
MTU	Magnetic Tape Unit
MU	Mockup
M/U	Mockup (MU is preferred)
MUC	Muchea, Australia (Remote Site)
MUX	Multiplex
MV	Millivolt
MVD	Map and Visual Display (Unit)
MW	Milliwatt
MWP	Maximum Working Pressure
N2	Nitrogen
N2O4	Nitrogen Tetroxide
N/A	Not Applicable
NAA	North American Aviation
NAAN	NAA Anaheim
NAACD	NAA Columbus Division
NAAL	North American Aerodynamics Laboratory
NAALA	NAA Los Angeles
NAARD	NAA Rocketdyne Division
NAASC	NAA Science Center

NAASD	NAA Space Division
NACA	National Advisory Committee for Aeronautics (superseded by NASA)
NAI	Northrop Aircraft Incorporated
NAMTC	Naval Air Missile Test Center
NASA	National Aeronautics and Space Administration
NASCOM	NASA World-Wide Communications Network
N/B	Narrow Band
NBA	Radio Station (Balboa, Canal Zone)
NBS	National Bureau of Standards
NC	Network Controller
NC	Nose Cone
N/C	Normally Closed
NCAR	Non-Conformance Analysis Report
NDR	Network Data Reduction
NDT	Non-Destructive Testing
NEPD	Noise Equivalent Power Density
NERVA	Nuclear Engine for Rocket Vehicle Application
N&G	Navigation & Guidance (G&N is preferred)
NH4	Ammonium
NIRTS	New Integrated Range Time System
N2H4	Hydrazine (Fuel)
N/L	No Limit
NM	Nautical Mile
NMI	Nautical Mile
NMILA	NASA MILA
NMO	Normal Manual Operation
N/O	Normally Open
N2O4	Nitrogen Tetroxide (Oxidizer)
NOD	Notice of Discrepancy
NOR-V	Northrop - Ventura (N-V is preferred)
NOTS	Naval Ordnance Test Station (China Lake, Calif.
NPC	NASA Procurement Circular
NPG	Radio Station (Jim Creek, Washington)
NPM	Radio Station (Lualuale, Hawaii)
NPSH	Net Positive Suction Head
NRD	National Range Document
NRDS	Nuclear Rocket Development Station (NASA) (Nevada)
NRL	Naval Research Lab
NRZ	Non-Return to Zero
NSA	National Security Agency
NSC	Navigational Star Catalogue
NSIF	Near Space Instrumentation Facility (Obsolete)
NSL	Northrop Space Laboratory
NSM	Network Status Monitor
NSS	Radio Station (Annapolis Md.)
NST	Network Support Team
NTO	Nitrogen Tetroxide (Oxidizer)
NV	Not Valid
N-V	Northrop - Ventura
NVB	Navigational Base
NVE	Non-Visual Eyepiece
NWP	Naval Weapons Plant



O2	Oxygen
OA	Output Axis
OA	Omni Antenna
OAM	Office of Aerospace Medicine (NASA)
OAME	Orbital Attitude and Maneuvering Electronics (Gemini)
OAMS	Orbital Attitude and Maneuvering System (Gemini)
OA0	Orbital Astronomical Observatory
OART	Office of Advanced Research & Technology
O & C	Operation and Checkout
OCC	Operational Control Center
OCDU	Optics Coupling Display Unit (G&N)
OCF	Operational Control Facility
O&C/O	Operation and Check Out (O&C is preferred)
OD	One Day
OD	Operations Directive
OD	Outside Diameter (Overall Diameter)
OD	Operations Director
ODDA	Office of Deputy Director for Administration (MSFC)
ODDRD	Office of Deputy Director for Research and Development
ODM	One Day Mission
ODU	Output Display Unit (PACE)
O/F	Orbital Flight
O/F	Oxidizer to Fuel Ratio
OFB	Operational Facilities Branch (NASA)
OFO	Office of Flight Operations (NASA)
OFR	Operational Failure Report
OG	Outer Gimbal
OGA	Outer Gimbal Axis
OGE	Operational Ground Equipment
OGO	Orbiting Geophysical Observatory
OIA	Optics Inertial Analyzer
OIB	Operations Integration Branch (NASA)
OIS	Operational Instrumentation System (IMCC)
OJT	On the Job Training
OL	Open Loop
OLM	On Line Monitor
OLU	Outgoing Line Unit
OM	Orbit Modification
OMSF	Office of Manned Space Flight (NASA)
OMU	Optical Measuring Unit
OOA	Open Ocean Area
O&P	Operations & Procedures (NASA)
OPDAR	Optical Detection and Ranging
OPS	Operations Director (NASA)
ORD	Operations Requirements Document (Range User)
ORD	Operational Readiness Date
OSB	Orbital Solar Observation
OSO	Orbital Solar Observatory
OSO	Office Space Operations
OSO	Operations Support Office
OSS	Office of Space Sciences
OSWG	Optical Systems Working Group (IRIG)

OTDA	Office of Tracking and Data Acquisition
OTP	Operational Test Procedure
OTU	Operating Test Unit
OVERS	Orbital Vehicle Reentry Simulator
O. W.	Order Wire
P	Pressure
PA	Precision Angle (used by MIT)
PA	Power Amplifier
PA	Pad Abort (used by NASA)
PA	Public Address
PAA	Pan American Airlines
P/A	Pressure Actuated
PAC	Pacific Ocean
PACC	PERT Associated Cost Control
PACE	Prelaunch Automatic Checkout Equipment
PAD	Propellant Actuated Device
PADAR	Passive Airborne Detection and Ranging
PAFB	Patrick Air Force Base (Florida)
PAM	Pulse Amplitude Modulation
PAO	Public Affairs Office (NASA)
PARDOP	Passive Ranging Drop
PATH	Performance Analysis and Test Histories
P/B	Piggy Back (NASA)
PB	Packard Bell
P-Band	(225 - 390 MC) Freq.
PBS	Physiological Biomedical System
PBX	Private Branch Exchange (Telephone)
PC	Phase Coherent
P&C	Procurement and Contracts (MSFC)
P/C	Pitch Control
P/C Mot.	Pitch Control Motor
PCB	Pre-Change Board
PCCP	Preliminary Contract Change Proposal
PCD	Procurement Control Document
PCM	Pitch Control Motor
PCM	Pulse Code Modulation
PCMD	Pulse Code Modulation Digital
PCME	Pulse Code Modulation Event
PCN	Procedure Change Notice (NASA)
PCPL	Proposed Change Point Line
Pcs	Probability of Crew Safety
PCS	Pacific Command Ship
PDA	Precision Drive Axis
PDD	Premodulation Processor - Deep Space Data
PDM	Pulse Duration Modulation
PDP	Programmed Data Processor
PDP	Program Development Plan
PDS	Power Distribution System
PDS	Paradynamic Sketch
PDS	Production Data Sheet (DAC)
PDS	Pyrotechnic Devices Simulator (A14-003)
PDU	Pressure Distribution Unit

PDV	Premodulation Processor - Deep Space Voice
PE	Positive Expulsion
PE	Project Engineer
P&E	Pricing and Estimating
P&E	Propellant and Explosive (PAA)
PEB	Program Element Breakdown
PEP	Plant Engineering Procedure
PEP	Peak Envelope Power
PERT	Program Evaluation and Review Technique
PERT-NAP	PERT - Network Automatic Plotting
Pf	Probability of Failure
PF	Preflight
PFL	Propulsion Field Laboratory (Rocketdyne)
PFM	Pulse Frequency Modulation
Pfp	Probability of Performance Failure
PFRT	Preliminary Flight Rating Test
Pfs	Probability of Stress Failure
Pfv	Probability of Failure of Vehicle
PGA	Pressure Garment Assembly
PGS	Power Generation System (LEM)
pH	Alkalinity to Acidity Content (Hydrogen Ion Concentration)
PHO	Philco Houston Operations
PIA	Pre -Inspection Acceptance
PIA	Pre -Installation Acceptance
PIAPACS	Psychophysical Information Acquisition Processing and Control System
PIGA	Pendulous Integrating Gyroscopic Accelerometer
PIO	Public Information Office
PIP	Pulsed Integrating Pendulous (Accelerometer)
PIPA	Pulsed Integrating Pendulous Accelerometer
PIRD	Project Instrumentation Requirement Document
PIRD	Preliminary Instruction Requirement Document
PIRT	Precision Infra Red Triangulation System
PIV	Peak Inverse Voltage
PKG	Phonocardiograms
PL	Private Line (Phone)
PL	Post Landing
PLC	Propellant Loading Console
PLIM	Post Launch & Instrumentation Message
PLSS	Portable Life Support System
PM	Post Meridian
PM	Phase Modulation
PM	Pulse Modulation
PMEL	Precision Measurement Equipment Lab
PMP	Premodulation Processor
PMR	Pacific Missile Range
PMS	Physiological Monitoring System
Pms	Probability of Mission Success
PN	Part Number
PND	Premodulation Processor - Near Earth Data
PO	Purchase Order
POD	Preflight Operations Division (MSC)
POI	Program of Instruction (NASA)

POL	Petroleum, Oil, and Lubricants
PORT	Photo-Optical Recording Tracker
POS	Pacific Ocean Ship
POSV	Pilot Operated Solenoid Valve
PP	Partial Pressure
P&P	Policies & Procedures
PPB	Premodulation Processor Equipment
PPI	Plan Position Indicator
PPM	Post Pass Message (NASA)
PPM	Parts per Million
PPM	Pulse Position Modulation
PPM	Pulses Per Minute
PPP	Peak Pulse Power
PPS	Pulse Per Second
PPS	Primary Propulsion System
PQC	Procurement Quality Control
PR	Program Requirements
PR	Pulse Rate
PR	Purchase Request
PR	Puerto Rico
PRA	Precision Axis
PRD	Program Requirement Document
PRE	Pretoria, South Africa
PRELORT	Precision Long Range Tracking Radar
PRF	Pulse Repetition Frequency
PRM	Posigrade Rocket Motor
PRM	Pulse Rate Modulation
PRN	Pseudo-Random Noise
PRN	Pulse Ranging Navigation
PRO	Propagation Prediction Report
PRR	Parts Replacement Request
PRR	Pulse Repetition Rate
Ps	Probability of Success
P/S	Parallel to Serial
PSA	Power and Servo Assembly
PSA	Power Servo Amplifier
PSD	Phase Sensitive Demodulator
PSDF	Propulsion System Development Facility
psf	Pounds per Square Foot
PSI	Pacific Semiconductor Incorporated
psi	Pounds per Square Inch
psia	Pounds per Square Inch Absolute
psid	Pounds per Square Inch Differential
psig	Pounds per Square Inch Gage
PSK	Phase Shift Keyed
PSO	Pad Safety Officer (superseded by PSS)
PSP	Program Support Plan
PSS	Pad Safety Supervisor
PSTL	Pressure Model Static & Transient Launch Configuration
PSV	Photographic - Spatial Volume
Psv	Probability of Success of Vehicle
PT	Paper Tape

P/T	Prototype
PTA	Property Transfer Authorization
PTC	Portable Temperature Controller
PTPS	Propellant Transfer Pressurization System
PTT	Push to Talk
PTV	Parachute Test Vehicle
PU	Propellant Utilization
PU	Propulsion Unit (NASA)
PUCS	Propellant Utilization Control System
PVSE	Primary Vehicle System Engineer
PVR	Precision Voltage Reference
P&W	Pratt & Whitney
P&WA	Pratt & Whitney Aircraft
PWM	Pulse Width Modulation
Q	Dynamic Pressure
QA	Quality Assurance
QAD	Quality Assurance Division (MSFC)
QAFM	Quality Assurance Forms Guide Manual
QAM	Quality Assurance Manual
QAOP	Quality Assurance Operating Procedure
Q-Band	(36, 000 - 46, 000 MC) Freq.
QC	Quality Control
QCOP	Quality Control Operating Procedures
QD	Quick Disconnect
QRS	Qualification Review Sheet
QUAL	Quality Assurance Division (MSFC)
QVT	Quality Verification Testing
R	Range
R	Roentgen
RA	Radar Altimeter
R/A	Radar Altimeter
RAC	Rework After Completion
RAD	Radiation Absorbed Dose
RAD	Research and Advanced Development
RADAR	Radio Direction and Ranging
RADOT	Real-Time Automatic Digital Optical Tracker
RAE	Range, Aximuth and Elevation
RAMAC	Random Access Method of Accounting & Control
RAP	Reliability Assurance Program
RAPCON	Radar Approach Control Center (USAF)
RAPO	Resident Apollo Project Office (NASA)
RASPO	Resident Apollo Spacecraft Project Office (MSC)
RAZEL	Range, Azimuth, and Elevation
RB	Radar Beacon
R/B	Radar Beacon (RB is preferred)
RBA	Recovery Beacon Antenna (VHF)
RBE	Radiation Biological Effectiveness
R/C	Radio Command
R/C	Radio Control
RCA	Radio Corporation of America
R-Cal	T/M 85% Calibration Level
RCC	Range Control Center

RCC	Recovery Control Center
RCC	Rough Combustion Cutoff
RCP	Recovery Command Post
RCS	Reaction Control System
RCS	Re-entry Control System (Gemini)
RCVR	Receiver - High Speed Comm. Receiver
RD	Radiation Detection
R&D	Research and Development
RDB	Reference Data And Bias
RDC	Request for Design Change
RDK	Research & Development Kit
RDMU	Range-Drift Measuring Unit
RDX	Cyclotrimethylenetrinitramine (Explosive)
R/E	Re-entry
REC	Recife, Brazil
rem	Roentgen Equivalent Man
REPTR	Repeater
RES	Restraint System
RETRO	Retro Controller (NASA)
RETROF	Retro Fire (NASA)
RF	Recovery Forces
RF	Radio Frequency
RFA	Request for Alteration (RFC is preferred)
RFC	Request for Change
RFI	Radio Frequency Interference
RFNA	Red Fuming Nitric Acid
RFP	Request for Proposal
RFQ	Request for Quotation
RFWAR	Requirements for Work and Resources
RG	Rate Gyroscope
RGA	Range -Gemini to Agena LOS
RGM	Recorder Group Monitor (NAA)
RGP	Rate Gyro Package
RGS	Radio Guidance System
RH	Relative Humidity
RH	Right Hand
RHFEB	Right Hand Forward Equipment Bay
RHSC	Right Hand Side Console
RI	Receiving Inspection
RIP	Relationship Improvement Program
RIPS	Radar Impact Prediction System
RIPCO	Receiving Inspection and Preparation for Checkout
RJDS	Reaction Jet Drivers
RJS	Reaction Jet System
RKV	Rose Knot Victory (Ship)
rms	Root Mean Square
RO	Recovery Operations
RO	Receive Only (TTY)
RO	Reliability Office (MSFC)
ROM	Rough Order of Magnitude
ROTI	Recording Optical Tracking Instrument
ROTR	Low Speed Comm. Rcvr. (RCV only tape reperforator)

RP-1	Rocket Propellant #1 (Kerosene)
RPD	Research Projects Division (MSFC)
RPIE	Real Property Installed Equipment
rpm	Revolutions per Minute
rps	Revolutions per Second
RQ	Request
RR	Recovery Room
RR	Respiration Rate
RR	Rendezvous Radar
RRS	Retro Rocket System
RRS	Restraint Release System
RR/T	Rendezvous Radar/Transponder
R/S	Range Safety
RS	Remote Station
RSC	Range Safety Control
RSC	Range Safety Command
RSCIE	Remote Station Communication Interface Equipment
RSDP	Remote Site Data Processor
RSCSS	Range Safety Command Shutdown System
RSO	Range Safety Officer
RSS	Range Safety Switch
RSS	Reactants Supply System
RSV	Ready Storage Vessel
RT	Retro Table
RT	Real Time
R-T	Reperforater Transmitter Unit
RTC	Real Time Command
RTCC	Real Time Computer Complex (IMCC)
RTK	USNS Range Tracker (Ship)
RTU	Recovery Task Unit
RTTV	Real Time Television
RV	Re-Entry Vehicle
RX	Receiver
RZ	Return to Zero
R&Z	Range and Zero
S-	Saturn Stage (Prefix)
SA	Shaft Angle (used by MIT)
SA	Saturn Apollo
S/A	Spacecraft Adapter
S/A	Subaccount
S-Band	(1, 150 - 5, 200 MC) Freq.
SACTO	Sacramento Test Operations
SAD	Special Adapter Devices
SAE	Shaft Angle Encoder
SAESIP	Saturn - Apollo Electrical Systems Integration Panel
SAGE	Semi-Automatic Ground Environment
SA/GO	Subaccount /General Order
SAL	San Salvador Island (FF Station)
SAL	Supersonic Aerophysics Laboratory
SAM	School of Aerospace Medicine
SAR	Search and Rescue
SARAH	Search and Range Homing

SAT	Saturn Systems Office (MSFC)
SATE	Semi-Automatic Test Equipment
SB	Status Board
SBE	Sub Bit Encoder
SBUE	Switch - Back Up Entry
SBX	S-Band Transponder
S&C	Stabilization & Control
SC	Signal Conditioner (SCR is preferred)
SC	Spacecraft
SC	Spacecraft Communicator
S/C	Spacecraft (SC is preferred)
S/C TC	Spacecraft Test Conductor
SCA	Sequence Control Area
SCA	Simulation Control Area (IMCC)
S/Ca	Spacecraft Adapter
SCAPE	Self Contained Atmospheric Protective Ensemble
SCARF	Special Committee on the Adequacy of Range Facilities
SCAT	Space Communication and Tracking
SCATS	Simulation, Checkout & Training System (IMCC)
SCC	Simulation Control Center
SCD	Specification Control Drawing
SCE	Signal Conditioning Equipment
SCF	Sequence Compatibility Firing
SCFH	Standard Cubic Feet per Hour
SCFM	Standard Cubic Feet per Minute
SCGSS	Super Critical Gas Storage System
SCIP	Self Contained Instrument Package
SCM	Simulated Command Module
SCO	Sustainer Engine Cutoff (Atlas-Mercury)
SCO	Subcarrier Oscillator
S/CO	Spacecraft Observer
SCORE	Satellite Computer - Operated Readiness Equipment
SCPA	SCS Control Panel
SCR	Strip Chart Recorder
SCR	Sub-Contractor
SCR	Silicon Controlled Rectifier
SCR	Signal Conditioner
SCS	S/C Control System
SCS	Stabilization and Control System
SC/SM	Spacecraft Systems Monitor
SCT	Scanning Telescope
SC/TC	Spacecraft Test Conductor
SCTF	Santa Cruz Test Facility
SCU	Signal Conditioning Unit
SCVE	Spacecraft Vicinity Equipment
SDA	Shaft Drive Axis
SDCS	Ground Station - Digital Command System
SDF	Single Degree of Freedom
SDG	Strap Down Gyro
SDL	Standard Distribution List
SDP	Site Data Processor
SDS	Splash Detection System



SDS	Simulation Data Subsystem
SDS	Simulation Design Section
S/E	Service Equipment
SECO	Sustainer Engine Cut-Off
SED	Space Engineering Document
SED	Space Environment Division (MSC)
SEDD	Systems Evaluation & Development Division
SEDR	Systems Engineering Department Report
SEF	Space Environmental Facility (NASA)
SEM	Subcontractor Engineering Memo
SEP	Space Electronic Package
SEP	Standard Electronic Package
SEPS	Service Module Electrical Power System
SET	Solar Energy Thermonic
SETS	Solar Energy Thermonic Conversion System
SF	Static Firing
SFA	Sun Finder Assembly
SFOF	Space Flight Operations Facility (JPL)
SFP	Sustainer Fuel Pressure (Atlas-Mercury)
SFX	Sound Effects
SGITS	Spacecraft/GOSS Interface Test System
SHA	Sidereal Hour Angle
SHF	Super High Frequency (3000 - 30,000 MC)
SHORAN	Short Range Navigation
SHP	Sustainer Hydraulic Pressure (Atlas-Mercury)
SI	Systems Integration
SI	Scientific Instrumentation
S/I	Systems Integration (SI is preferred)
SIA	Systems Integration Area
S-IB	Saturn IB First Stage
S-IC	Saturn V First Stage
SID	Space & Information Systems Division (NAA)
S&ID	Space & Information Systems Division (NAA)
SIDL	System Identification List
SIL	Speech Interference Level
SILS	Ship-Borne Impact Location System
S-II	Saturn V Second Stage
SIMCHE	Simulation and Checkout Equipment
SINS	Stellar -Inertial Navigation System
SIS	Simulation Interface Subsystem
SIT	Stevens Institute of Technology
SITE	Spacecraft instrumentation Test Equipment
SIV	Saturn I Second Stage
S-IV	Saturn I Second Stage
SIVB	Saturn IB Second Stage and Saturn V Third Stage
S-IVB	Saturn IB Second Stage and Saturn V Third Stage
SIVB G	Launch Vehicle Guidance System
SL	Star Line
S/L	Space Laboratory
SLM	Space Laboratory Module
StLOS	Star Line of Sight
SLV	Space Launch Vehicle

SM	Statute Mile
SM	Stabilized Member
SM	Strategic Missile
SM	Service Module
S/M	Service Module (SM is preferred)
SMD	Shop Manufacturing Development
SMD	System Measuring Device
SMDF	SCATS Main Distribution Frame
SMEK	Summary Message Enable Keyboard (NASA)
SMOC	Simulation Mission Operation Computer
SMRD	Spin Motor Rotation Detector
SMS	Synchronous Meteorological Satellite
SMT	Small Missile Telecamera
S/N	Signal to Noise Ratio
S/N	Serial Number
SNAFU	Situation Normal All Fouled Up
SNAP	Space Nuclear Auxiliary Power
SNPO	Space Nuclear Propulsion Office (NASA)
SNR	Signal to Noise Ratio
S-O	Shut-Off
S/O	Switch over
SOC	Simulation Operation Computer (IMCC)
SOCKO	Systems Operational Checkout
SOFAR	Sound Fixing and Ranging
SOM	SID Operating Manual
SOM	Suborbital Mission
SOM	Start Of Message
SOP	Standard Operating Procedure
SOTIM	Sonic Observation of Trajectory & Impact of Missiles
SOV	Shut Off Valve
sow	Start of Word
sox	Solid Oxygen
SP	Static Pressure
SP	Solid Propellant
S/P	Serial to Parallel
SPA	S-Band Power Amplifier
SPACE	Spacecraft Prelaunch Automatic Checkout Equipment
SPAF	Simulation Processor and Formatter (IMCC)
SPC	Stored Program Control
SPC	Stored Program Command
SPDT	Single Pole Double Throw
SPL	Sound Pressure Level
SPM	Standard Parts Manual
SPS	Service Propulsion System
SPS	Secondary Propulsion System
SPS	Samples Per Second
SPST	Single Pole Single Throw
SPUR	Separate Parts Usage Records
SRA	Spin Reference Axis
SRD	Spacecraft Research Division (MSC) (superceded by STD)
SRI	Stanford Research Institute
SRO	Superintendent of Range Operations

SRP	Seat Reference Point (plane)
SRS	Simulated Remote Station (IMCC)
SRSCC	Simulated Remote Station Control Console (IMCC)
S/S	Samples per Second
S/S	Signal Strength
S/S	Sub-System
SSA	Space Suit Assembly
SSB	Single Side-Band
SSC	Sensor Signal Conditioner
SSC	Solid State Circuit
SSCU	Special Signal Conditioning Unit
SSD	Space Systems Division (USAF)
SSDF	Space Science Development Facility (NAA)
SSE	Spacecraft Simulation Equipment
SSECO	Second Stage Engine Cut Off
SSI	Sector Scan Indicator
SSI	San Salvador Island
SSI	Second Stage Ignition
SSM	Spacecraft Systems Monitor
SSO	Saturn Systems Office (MSFC)
SSO	Spacecraft Systems Officer
SSR	Support Staff Rooms (NASA)
SSS	Simulation Study Series
SST	Simulated Structural Test (NASA)
SST	Spacecraft Systems Test
SSTO	Second Stage Tail Off
ST	Shock Tunnel
STA	Spark Thrust Augmenter
STC	Spacecraft Test Conductor
STC	Silicon Transistor Corporation
STD	Spacecraft Technology Division (MSC)
STE	Special Test Equipment
STE	System Test Engineer
STF	S-Band Temp °F.
STL	Space Technology Laboratories
STMU	Special Test and Maintenance Unit
STS	System Trouble Survey
STU	Static Test Unit (NASA)
STU	Special Test Unit
STU	Systems Test Unit
SUM	Summary
SVE	Space Vehicle Electronics (DAC) (superceded by Astrionics Branch)
SW	Sea Water
SWA	Support Work Authorization
SWR	Standing Wave Ratio
SWT	Supersonic Wind Tunnel
SXT	Space Sextant or just Sextant
T	Temperature
T	Time
TA	Travel Authorization
TA	Trunnion Angle
TA	Test Announcer

TAC	Traceability and Configuration
TAIR	Test Assembly Inspection Record
TARC	Thru Axis Rotational Control
TARE	TLM Automatic Reduction Equipment
TARFU	Things are really fouled up
TARS	Three Axis Rotational Control
TBA	To Be Added
TC	Test Conductor
TC	Transfer Control
TC	Transitional Control
T/C	Telecommunications
T/C	Thrust Chamber
TCA	Thrust Chamber Assembly
TCA	Transfer Control A Register
TCA	Temperature Control Amplifier
TCB	Technical Coordination Bulletin (MSFC)
TCC	Test Conductors Console
TCC	Thiokol Chemical Company
TCFP	Thrust Chamber Fuel Purge
TCOA	Translational Control A
TCOB	Translational Control B
TCOP	Thrust Chamber Oxidizer Purge
TCP	Tricalcium, Phosphate
TCP	Thrust Chamber Pressure
TCS	Technical Change Summary
TCS	Temperature Control System (S/M RCS)
TCSC	Trainer Control and Simulation Computer
TCV	Thrust Chamber Valve
TD	Technical Directive (MSFC)
T&D	Tracking and Data
TDA	Trunnion Drive Axis
TDD	Timing Data Distributor
TDM	Time Division Multiplex
TDP	Tracking Data Processor
TDR	Technical Data Report
TDT	Tower Disconnect Tech.
TDY	Temporary Duty
TDV	Tool Design Variance
TE	Trans Earth
T/E	Tlm Event
TEB	Tone Encoded Burst
TER	Travel Expense Report
TETRA	Terminal Tracking - Telescope
TEX	Corpus Christi Texas (South Texas)
TF	Test Fixture
TF	Time Reference for Orbital Navigation
TFE	Test Facilities and Equipment
TFE	Time From Event
TFR	Trouble and Failure Report
TGIF	Thank God It's Friday
TGS	TIM Ground Station
TIC	Technical Information Center

TIG	Tungsten Inert Gas
TJM	Tower Jettison Motor
TL	Talk-Listen
TLF	Terminal Launch Facility
TLI	Translunar Injection
TLM	Telemetry
TLS	Telescope
TM	Technical Memorandum
TM	Telemetry
T/M	Telemeter
TMOS	Two Main Orbiting S/C
TN	Technical Note
TO	Technical Order
T&O	Test & Operations
TOR	Test Operations Resources
TORF	Time of Retro-Fire
TP	Test Point
TP	Test Procedure
TP	Turbo Pump
TPA	Turbo Pump Assembly
TPA	Test Preparation Area
TPE	Test Project Engineer
TPOCP	Turbo Pump Oxidizer Cavity Purge
TPP	Test Point Pace
TPS	Thermal Protection System
TPS	Test Preparation Sheet
T&QA	Test and Quality Assurance
TR	Tape Recorder
TR	Technical Report
TR	Test Request
TR	Time to Retro-Fire
T/R	Transmit /Receive
TRAC	Total Record Access Control
TRAC (E)	Tracking & Communications, Extraterrestrial
TRDA	Three-Axis Rotational Control - Direct A
TRDB	Three-Axis Rotational Control - Direct B
TRIDOP	Triangulation Doppler
TRNA	Three-Axis Rotational Control - Normal A
TRNB	Three-Axis Rotational Control - Normal B
TRS	Time Reference System
TS-C	Tooling Supplement to Contract (AF Control NR)
TSU	Time Standard Unit
TSR	Test Schedule Request
TTC	Tracking, TLM, & Command
TTE	Time to Event
TTY	Teletype
TV	Television
TVA	Temporary Variance Authority
TVC	Thrust Vector Control
TVCS	Thrust Vector Control System
TVDS	Toxic Vapor Detection System
TW	Time Words

TWT	Traveling Wave Tube
TWT	Transonic Wind Tunnel
TWX	Teletype Wire Transmission
TWX	Teletype Writer Message
TX	Transmitter
TXR	Transmit /Receive
UA	Urinalysis
UAC	United Aircraft Corp.
UCN	Uniform Control Number
UCSD	Universal Communications Switching Device
UDL	Up Data Link
UDMH	Unsymmetrical Dimethyl Hydrazine (Fuel)
UDOP	UHF Doppler
UHF	Ultra High Frequency (300-3000 MC)
UHT	Umbilical Handling Tech. (NAA)
UK	Unknown
UK	United Kingdom
UNPS	Universal Power Supply
UPWT	Unitary Plan Wind Tunnel
UR	Unsatisfactory Report
UR	Up Range
USB	Upper Side Band
USAF	US Air Force
USBE	Unified S-Band Equipment
USG	United States Government
UST	United States Testing Company
UT	Universal Time
UTC	United Technology Corporation
UTLM	Up Telemetry
UTRS	Universal Trouble Reporting System
UV	Under Voltage
V	Voice
V	Volts
V	Velocity
DELTA - V	Velocity Change
V-A	Verlort-Azimuth
VAB	Vertical Assembly Building
VAC	Volts AC
VAFB	Vandenberg Air Force Base
V-Band	(46, 000 - 56, 000 MC) Freq.
VCC	Vehicle Crew Chief
VCO	Voltage Controlled Oscillator
VD	Volts DC
VDD	Visual Display Data
VECO	Vernier Engine Cutoff
VEDS	Vehicle Emergency Detection System (NASA)
VEFCO	Vertical Functional Checkout
VERLORT	Very Long Range Tracking Radar
VF	Verification of Function
VFO	Variable Frequency Oscillator
VGP	Vehicle Ground Point
VHAA	Very High Altitude Abort

VHF	Very High Frequency (30-300 MC)
VI	Inertial Velocity
VI	Insertion Velocity
VKF	Von Karman Gas Dynamics Facility
VLf	Vertical Launch Facility
VLf	Very Low Frequency (3-30 KC)
V/M	Velocity Meter
VOX	Voice Operated Relay
VRB	VHF Recovery Beacon
VSC	Vibration Safety Cutoff
VSE	Vehicle Systems Engineer
VSMF	Vendor Spec Micro File
VSMC	Video Switching Matrix System
VSO	Very Stable Oscillator
V-S-V	Vehicle -Surface -Vehicle
VSWR	Voltage Standing Wave Ratio
VTF	Vertical Test Facility
VTS	Vertical Test Stand
VTS	Vertical Test Site
W	Instantaneous Weight
W	Watts
W	Word
WADD	Wright Air Development Division
WAT	U.S.S. Watertown (ship)
W/B	Wide Band
WBD	Wide Band Data
WDL	Western Development Laboratory (Philco)
WEC	Westinghouse Electric Company
WECO	Western Electric Company
WECS	Water-Glycol Evaporator Control System (Airesearch)
W/G	Water-Glycol
W-G	Water-Glycol
WGAI	Working Group Agenda Item (MSFC)
WGT	Water Glycol Cooling Unit Tech. (NAA)
W/H	Watt Hour
WHS	White Sands, New Mexico (Remote Site)
WIND	Weather Indicator and Display System
WIS	Wallops Island Station (NASA) (Wallops, Va.)
W/M	Words per Minute
WMS	Waste Management System
WODWNY	Western Office, Downey
WOM	Woomera, Australia (Remote Site)
WOO	Western Operations Office (NASA)
WPAFB	Wright Patterson Air Force Base
WPM	Words Per Minute
WSMR	White Sands Missile Range
WSPR	Weapon System Problem Report
WT	Wind Tunnel
WTL	Wind Tunnel (WT is preferred)
WTR	Work Transfer Record
WWV	U. S. Bureau Standards Time Station
WWVB	U. S. Bureau Standards Time Station (Boulder, Colo.)

WVH	U. S. Bureau Standards Time Station (Hawaii)
WVVL	U. S. Bureau Standards Time Station (Boulder, Colo.
WX	Weather
X-BAND	(5200 - 11, 500 MC) Freq.
XCVR	Transceiver
XEQ	Execute (PACE)
XFER	Transfer
XMAS	Extended Mission Apollo Simulation (100 day) (NASA)
XMTL	Transmittal
XMTR	Transmitter
XPNDR	Transponder
XSTR	Transistor
XY	Telephone Exchange (CCNV)
XTASI	Exchange of Technical Apollo Simulation Information
Y	Yaw Deviation
YP	Yellow Pages (Phone PL)
YP	Yellow Phone (PL)
ZAR	Nike Zeus Acquisition Radar
Z-CAL	T/M 15% Calibration Level
ZI	Zone of Interior (Continental USA)
ZULU	GMT
ZZB	Zanzibar, Tanganyika (Remote Site)

OFFICIAL MSC ROUTING SYMBOLS

CODE	ORGANIZATION
D	Director
DO	Deputy Director for Mission Requirements and Flight Operations
DOA	Technical Assistants, Deputy Director for Mission Requirements and Flight Operations
DP	Deputy Director for Development and Programs
DS	Special Assistant to the Director
DA	Senior Engineering Advisor to the Director
DC	Assistant for Congressional Relations
DE	Executive Assistant to the Director
DH	Assistant for Human Factors
DT	Technical Assistant to the Director
A	Assistant Director for Administration
AO	Manager, Missions and Operations Support
AT	Office of Technical and Engineering Services
ATT	Technical Services Division
ATF	Facilities Division
ATE	Engineering Division
ATP	Photographic Division
AA	Office of Administrative Services
AAO	Office Services Division
AAOA	Plans and Operations Office
AAOB	General Office Support Branch



AAOG	Graphic Services Branch
AAOP	Printing and Publications Distribution Branch
AAOT	Telecommunications Branch
AAL	Logistics Division
AALP	Plans and Programs Office
AALS	Supply Branch
AALT	Transportation Branch.
AAT	Technical Information Division
AATA	Industrial Applications Office
AATC	Reports Copy Preparation Branch
AATD	Reports Distribution Branch
AATE	Technical Editing and Writing Branch
AATL	Technical Library Branch
AMA	Management Analysis Division
APD	Personnel Division
APDP	Programs and Management Branch
APDB	Civil Service Board of Examinees
APDI	Industrial Relations Branch
APDA	Administrative Branch
APDR	Professional Recruiting Branch
APDT	Training Branch
APDTS	Steno Services Station
APDE	Personnel Management Assistance Branch A
APDO	Personnel Management Assistance Branch B
APDC	Personnel Management Assistance Branch C
APC	Procurement and Contract Division
APCO	Procurement Operations
APCOP	Plans and Systems
APCOC	Contract Administration
APCOS	Small Business and Industrial Assistance
APCP	Pricing Staff
APCR	Contracts and Review
APCA	Apollo Procurement
APCAS	Spacecraft
APCAN	Navigation and Guidance
APCAL	Lunar Excursion Module
APCAT	Test and Instrumentation
APCB	Control Systems Procurement
APCM	Mercury/Gemini Procurement
APCMM	Mercury
APCMG	Gemini
APCG	General Research Procurement
APCC	Center Facilities and Construction Procurement
APCS	Support Procurement
ASD	Security Division
AFM	Financial Management Division
AFMA	Accounting Branch

AFMB	Program Budget Branch
AFMC	Coordination and Analysis Branch
ADL	Business Liaison Representative, North American Aviation, Inc. (Downey, California)
E	Assistant Director for Engineering and Development
EST	Spacecraft Technology Division
ESTV	Space Vehicle Design Branch
ESTA	Aerodynamics Branch
ESTP	Propulsion Branch
ESTM	Flight Mechanics Branch
ESTW	Flight Worthiness Branch
ESTO	Advanced Project Office
ESTC	Control and Guidance Systems Branch
ESTS	Flight Simulation Branch
ESTG	Guidance Analysis Branch
ECS	Crew Systems Division
ECSE	Crew Equipment Branch
ECSM	Space Medicine Branch
ECSP	Environmental Physiology Branch
ECSS	Environmental Control Systems Branch
ESD	Systems Evaluation and Development Division
ESDF	Environmental Facilities Branch
ESDE	Energy Systems Branch
ESDS	Structures and Materials Branch
ESDM	Mechanical Systems Branch
ESE	Space Environment Division
ESER	Radiation and Fields Branch
O	Assistant Director for Operations
OFC	Flight Crew Operations Division
OFO	Flight Operations Division
OPO	Preflight Operations Division
OAM	Center Medical Operations Office
OAMS	Safety Branch
OAMH	Occupational Health Branch
OAMM	Flight Medicine Branch
I	Assistant Director for Information and Control Systems
IGS	Ground Systems Project Office
ICR	Computation and Data Reduction Division
ICRM	Management Computer Applications Branch
ICRS	Scientific Computer Applications Branch
ICRT	Techniques and Operations Branch
ICRD	Data Reduction Branch
IIE	Instrumentation and Electronic Systems Division
G	Gemini Project Office

G	Office of Project Manager
GSM	Office of Spacecraft Management
GPA	Office of Project Administration
GLV	Office of Launch Vehicle Integration
GLV-M	Representative, Martin-Marietta Co. (Baltimore, Md.)
GLV-L	Representative, Lockheed Missiles & Space Co. (Sunnyvale, Calif.)
GMR	NASA Field Office, McDonnell Aircraft Corp. (St. Louis, Mo.)
M	Mercury Project Office
M	Office of Project Manager
MOS	Office Supplies
MPE	Project Engineering Office
MEF	Project Engineering Field Office
MEO	Engineering Operations Office
MED	Engineering Data and Measurements Office
MMR	NASA Field Office, McDonnell Aircraft Corp. (St. Louis, MO.)
PAO	Publics Affairs Office
PAOA	Administrative Services Branch
PAOC	Community Relations Branch
PAOD	Industrial Communications Branch
PAOI	Internal Communications Branch
PAOM	Media Communications Branch
PAOV	Audio Visual Services Branch
L	Legal Office
LLC	Legal Counsel
LPG	Patent Counsel
Z	Astronaut Activities Office
RFS	Reliability and Flight Safety Office
RFSO	Flight Safety Operations (Cape Canaveral, Fla. )
PAE	Program Analysis and Evaluation Office
C	Manager, MSC-Atlantic Missile Range Operations (Cape Canaveral, Florida)
CA	Administrative Officer
CS	MSC Operations Support Officer
PO	Apollo Spacecraft Program Office
PO	Office Of Manager
PC	Project Officer, C&SM
PL	Project Officer, LEM
PD	RASPO, Downey

PDI	RASPO Engineering Branch
PB	RASPO, Bethpage
PBI	RASPO Systems Engineering Branch
PG	Manager, N&G
PGI	RASPO, Boston
PS	Manager, PACE SIC
PS	Assistant Manager, Cape Kennedy
PSI	RASPO, Daytona
PA	Operations Planning Division
PAI	Lunar Mission Planning Branch
PA2	Simulation and Training Branch
PP	Program Control Division
PPI	Information Control Office
PP9	Document Control Group
PP2	Plans and Program Branch
PP3	Program Analysis Branch
PP4	C&SM Contract Engineering Branch
PP5	LEM Contract Engineering Branch
PP6	N&G Contract Engineering Branch
PP8	PACE: S/C Contract Engineering Branch
PP7	Aerospace Support Branch
PE	Systems Engineering Division
PEI	ASPO Reps to F&D
PE2	Design Control Branch
PE3	Flight Technology Branch
PE4	Crew Integration Branch
PE5	Design Integration Branch
PE6	Systems Integration Branch
PE7	Test Program Planning Branch
PT	Test Division
HP	AMR Office
PTI	WSMR Office
PT2	Test Procedures Office
PT3	Integrated Systems Ground Test Branch
PT4	CM Development Flight Test Branch
PT5	Spacecraft Flight Test Branch
PT6	SM-LEM Division Test Branch
PT7	Test Evaluation Branch
PR	Reliability and Quality Assurance Division
PR1	P&QA Branch, Houston
PR2	P&QA Branch, Downey
PR3	P&QA Branch, Bethpage
PR4	P&QA Branch, Boston
W	Manager, MSC-White Sands Missile Range Operations (White Sands, New Mexico)
WMA	Assistant Manager for Administration
WME	Assistant Manager for Engineering
MEE-s	Office of Manned Space Flight
GSF-L	Goddard Space Flight Center

RAA	Langley Research Center
BU	Regional Audit Office
MSFC ORGANIZATIONAL CODES FOR MAIL ROUTING	
OFFICE OF THE DIRECTOR	
DIR	Director
DEP-A	Deputy Director, Administrative
DEP-T	Deputy Director, Technical
AST-F	Assistant Director for Facilities Engineering
AST-P	Assistant Director for Procurement and Contracting
AST-S	Assistant Director for Scientific and Technical Analysis
CC	Chief Counsel
CC-P	Associate Chief Counsel for Patent Matters
EX	Executive Staff
EX-DIR	Office of Director
EX-D	Managerial Data Center
EX-P	Advanced Plans Office
EX-A	Management Analysis Office
EX-S	Management Systems Office
EX-R	Resources Programming Office
EX-T	Technical Programs Office
LR	Labor Relations Office
PA	Public Affairs Office
FACILITIES AND DESIGN OFFICE	
F&D-CH	Office of Chief
F&D-E	Assistant Chief for Engineering
F&D-E-C	Construction Branch
F&D-E-CA	Contracts Administration Section
F&D-E-CE	Estimating Section
F&D-E-CI	Inspection Section
F&D-E-D	Design Branch
F&D-E-DA	Architectural Section
F&D-E-DC	Civil Section
F&D-E-DE	Electrical Section
F&D-E-DM	Mechanical Section
F&D-E-DS	Structural Section
F&D-A	Administration Branch
F&D-AA	Administrative Section
F&D-AE	Engineering Services Section
F&D-O	Fiscal Operations Branch
F&D-OB	Budget Section
F&D-OC	Control Section
F&D-S	General Support Projects Branch
F&D-P	Installation Master Planning Branch

F&D-PP	Planning Section
F&D-PS	Siting and Utilities Section
F&D-R	Requirements Branch
F&D-F	Rift Project Branch
FINANCIAL MANAGEMENT OFFICE	
FIN-CH	Office of Chief
FIN-P	Financial Projects Staff
FIN-A	Accounting Branch
FIN-AM	Computer Operations Section
FIN-AC	Cost Accounting Section
FIN-AG	General Accounting Section
FIN-AS	Payroll Section
FIN-AR	Planning and Analysis Section
FIN-AP	Property Accounting Section
FIN-AV	Voucher Examination Section
FIN-B	Budget and Operations Branch
FIN-BC	Budget Control Section
FIN-BF	Construction of Facilities Section
FIN-BI	Institutional Support Section
FIN-BP	Manned Space Flight Section
FIN-BT	Space Sciences and Technology Section
FIN-S	Financial Systems Branch
FIN-R	Internal Review Branch
MANAGEMENT SERVICES	
MS-CH	Office of Chief
*SMIDW-HH	Occupational Health Service
MS-H	Historical Office
MS-HO	Space Orientation Center
MS-F	Safety Office
MS-A	Administrative Services Branch
MS-AS	Custodial and Equipment Support Section
MS-AP	Forms and Procedures Section
MS-AM	Main and Records Section
MS-AR	Reproduction Section
MS-AD	Technical Documentation Section
MS-C	Communications Branch
MS-CO	Communications Operations Section
MS-CP	Communications Planning and Engineering Section
MS-G	Graphic Engineering and Model Studies Branch
MS-GP	Animation Photography Section
MS-GM	Engineering Model Development Section
MS-GE	Graphic Engineering Section
MS-GA	Visual Aids Section
MS-S	Security Branch
MS-SP	Personnel Security Section
MS-SO	Security Operations Section
MS-SOV	Visitor Reception

MS-I	Space Systems Information Branch
MS-IS	Science and Technology Section
MS-IP	Technical Publication Section
MS-IPL	Technical Documents Reference Library
* An AMSC Operated Activity	
PERSONNEL OFFICE	
PER-CH	Office of Chief
PER-B	Board of U.S. Civil Service Examiners
PER-E	Equal Employment Coordination Office
PER-I	Incentive Awards Office
PER-R	Regulations and Procedures Office
PER-A	Administrative Branch
PER-M	Employee Management Assistance Branch
PER-P	Professional Staffing Branch
PER-W	Salary and Wage Administration Branch
PER-T	Training Branch
PURCHASING OFFICE	
PR-CH	Office of Chief
PR-P	Policy Staff
PR-A	Administration and Services Branch
PR-AI	Industrial Property Section
PR-AR	Planning and Review Section
PR-AA	Price Analysis Section
PR-AL	Procurement Assistance Liaison Section
PR-C	Construction and AE Branch
PR-CA	A-E Section
PR-CC	Construction Section
PR-E	Engineering Services and Studies Branch
PR-EC	Contract Administration Section
PR-EE	Engineering Services Section
PR-ES	Studies Section
PR-F	Flight Hardware and GSE Branch
PR-FC	Contract Administration and Preparation Section
PR-FE	Electronics Section
PR-FL	Lockheed
PR-FM	Mechanical Section
PR-FR	Rift Section
PR-P	Plant Support Branch
PR-PC	Contract Administration and Preparation Section
PR-PM	Materials and Equipment Section
PR-PP	Plant Maintenance Section
PR-PS	Supplies and Services Section
PR-RD	Program R & D Branch
PR-RDC	Contract Administration Section
PR-RDG	Guidance and Control Section
PR-RDM	Mechanical and Propulsion Section
TECHNICAL SERVICES OFFICE	

TS-CH	Office of Chief
TS-O	Operations Support Office
TS-OA	Administrative and Resources Section
TS-OC	Contract Support Section
TS-OE	Equipment Management Section
TS-M	Maintenance Branch
TS-MA	Administrative Office
TS-MI	Inspection Office
TS-MM	Mechanical Section
TS-MR	Roads and Grounds Section
TS-MS	Structures Section
TS-MU	Utilities Section
TS-P	Photographic Branch
TS-PC	Camera Section
TS-PL	Laboratory Section
TS-PP	Production Section
TS-S	Technical Materials Branch
TS-SC	Center Property Section
TS-SP	Plans Office
TS-SR	Redistribution and Utilization Section
TS-SS	Storage Section
TS-SM	Supply Management Section
TS-T	Transportation Branch
TS-TP	Plans and Programs Office
TS-TM	Traffic Management Section
TS-TS	Transportation Services Section
TS-TT	Travel Section
RESEARCH AND DEVELOPMENT OPERATIONS	
R-DIR	Office of Director
R-RM	Resources Management Office
R-SA	Systems Office
R-FP	Future Projects Office
R-SP	Special Assignments Office
AERO-ASTRODYNAMICS LABORATORY	
R-AERO-DIR	Office of Director
R-AERO-T	Technical and Scientific Staff
R-AERO-P	Projects Office
R-AERO-R	Resources Management Office
R-AERO-RA	Administrative
R-AERO-RM	Manpower Management
R-AERO-RP	Plans and Program
R-AERO-RT	Technical Support
R-AERO-S	Systems Concepts Planning Office
R-AERO-ST	Astrionics and Tracking
R-AERO-SA	Astronautics
R-AERO-SM	Mission Concept
R-AERO-SO	Operations Analysis



R-AERO-SP	Payloads
R-AERO-SR	Resources Analysis
R-AERO-SV	Vehicle Configuration
R-AERO-A	Aerodynamics Division
R-AERO-AD	Aerodynamic Design Branch
R-AERO-ADD	Design Section
R-AERO-ADE	Experimental Aerodynamics Section
R-AERO-ADP	Special Projects Section
R-AERO-ADA	Unsteady Aerodynamics Section
R-AERO-AE	Electro-Mechanical Support Branch
R-AERO-AEQ	Environmental Measurements & Qualification Section
R-AERO-AEI	Instrumentation Development Section
R-AERO-AEM	Mechanical Design Section
R-AERO-AV	Advanced Vehicle Aerodynamic Section
R-AERO-G	Astrodynamic and Guidance Theory Division
R-AERO-GS	Scientific Advisory Office
R-AERO-GA	Astrodynamics Branch
R-AERO-GAF	Interplanetary Flight Section
R-AERO-GAL	Lunar Flight Section
R-AERO-GAP	Special Projects Section
R-AERO-GM	Guidance Mechanization Branch
R-AERO-GMM	Optimizational Methods Research Section
R-AERO-GMT	Space Trajectory Optimization Section
R-AERO-GG	Guidance Theory Branch
R-AERO-GGA	Guidance Application Section
R-AERO-GGD	Guidance Modes Development Section
R-AERO-E	Flight Evaluation and Operations Studies Division
R-AERO-EP	Special Projects Office
R-AERO-EE	Flight Evaluation Branch
R-AERO-EED	Aerodynamics Section
R-AERO-EEC	Dynamics and Control Section
R-AERO-EEA	Trajectory Application Section
R-AERO-EET	Trajectory Section
R-AERO-EM	Flight Mechanic Branch
R-AERO-EMS	Range Safety Section
R-AERO-EMP	Special Projects Section
R-AERO-EMT	Trajectory Section
R-AERO-EO	Operations Studies Branch
R-AERO-EOI	Instrumentation Analysis Section
R-AERO-EOM	Mission Studies Section
R-AERO-EOO	Orbit Determination Section
R-AERO-M	Flight Mechanics and Dynamics Division
R-AERO-MS	Advanced Projects Studies Branch
R-AERO-MSF	Flight Mechanics Section
R-AERO-MSP	Performance Analysis Section
R-AERO-MSS	Systems Analysis Section
R-AERO-MM	Applied Flight Mechanic Branch
R-AERO-MMC	Guidance Application Section
R-AERO-MMM	Mission Analysis Section
R-AERO-MMP	Performance Analysis Section
R-AERO-MMV	Vehicle Analysis Section
R-AERO-MA	Dynamic Analysis Branch

R-AERO-MAT	Control Theory Section
R-AERO-MAS	Dynamic Stability Section
R-AERO-MAD	Structural Dynamics Section
R-AERO-P	Aero-Astrophysics Branch
R-AERO-PT	Terrestrial Environment
R-AERO-PE	Environmental Applications
R-AERO-PA	Atmospheric Measuring and Space Environment
ASTRIONICS LABORATORY	
R-ASTR-DIR	Office of Director
R-ASTR-T	Technical and Scientific Staff
R-ASTR-A	Administrative Office
R-ASTR-S	Advanced Studies Office
R-ASTR-M	Resources Management Office
R-ASTR-E	Systems Engineering Office
R-ASTR-N	Electrical Networks Division
R-ASTR-NE	GSE Electrical Systems Branch
R-ASTR-NEE	Electrical Equipment Section
R-ASTR-NEF	Future Projects and Logistics
R-ASTR-NEI	Instrumentation Units and Payloads Support
	Equipment Section
R-ASTR-NEP	Power Systems and Facilities Interface Design
	Section
R-ASTR-NEO	Prop. Stages GSE and Integration Design
	Section I
R-ASTR-NET	Prop. Stages GSE and Integration Design
	Section II
R-ASTR-NES	Systems Development Operations Section
R-ASTR-NV	Vehicle Electrical Systems Branch
R-ASTR-NVA	Astrionics Design Section
R-ASTR-NVC	Component Development and Evaluation Section
R-ASTR-NVP	Power Supply Section
R-ASTR-NVI	Stage Integration Section
R-ASTR-NVS	Special Projects Section
R-ASTR-G	Guidance and Control Division
R-ASTR-GC	Control Development Branch
R-ASTR-GCM	Electro-Mechanical Components Section
R-ASTR-GCE	Electronic Components Section
R-ASTR-GCA	Systems Application and Engineering Section
R-ASTR-GD	Digital Computer Systems Branch
R-ASTR-GDF	Flight Systems Section
R-ASTR-GDG	Ground Systems Section
R-ASTR-GDA	Systems Applications Section
R-ASTR-GA	Guidance and Control Systems Analysis Branch
R-ASTR-GAS	Advanced Systems Studies Section
R-ASTR-GAD	Systems Design Section
R-ASTR-GAI	Systems Integration Section
R-ASTR-W	Inertial Sensors and Stabilizers Division
R-ASTR-WC	Component Development Branch
R-ASTR-WCA	Accelerometer Section
R-ASTR-WCC	Advanced Components R&D Section

R-ASTR-WCG	Gyro Section
R-ASTR-WS	Systems Development Branch
R-ASTR-WSA	Advanced Systems R&D Section
R-ASTR-WSE	Electronics R&D Section
R-ASTR-WSS	Servo R&D Section
R-ASTR-WST	Systems Test and Evaluation Section
R-ASTR-WG	Gas Bearing Research Section
R-ASTR-I	Instrumentation Division
R-ASTR-IM	Measuring Systems Branch
R-ASTR-IMS	Electronics Systems Section
R-ASTR-IMP	Prop. and Research Section
R-ASTR-IMT	Temperature and Nuclear Section
R-ASTR-IS	R.F. Systems Branch
R-ASTR-ISA	Antenna Section
R-ASTR-ISC	Communications Section
R-ASTR-IST	Tracking Section
R-ASTR-IT	Telemetry Systems Branch
R-ASTR-ITA	Data Systems Analysis Section
R-ASTR-ITD	Telemetry Circuit Development Section
R-ASTR-ITE	Telemetry Systems Engineering Section
R-ASTR-R	Applied Research Branch
R-ASTR-RP	Applied Physics Section
R-ASTR-RD	Design and Analysis Section
R-ASTR-RE	Engineering Applications Section
R-ASTR-RS	Solid State Devices Section
R-ASTR-RT	Test and Evaluation Section
R-ASTR-T	Electro-Mechanical Engineering Branch
R-ASTR-TD	Documentations Section
R-ASTR-TE	Electronics Packaging Section
R-ASTR-TM	Mechanical Design Engineering Section
R-ASTR-TA	Systems Analysis Design
R-ASTR-TP	Special Projects and Evaluation Section
R-ASTR-TF	Test Facility Development and Experimental Laboratory Section
R-ASTR-D	Flight Dynamics Branch
R-ASTR-DC	Advanced Flight Control Systems Section
R-ASTR-DO	Control Dynamics Section I
R-ASTR-DT	Control Dynamics Section 11
R-ASTR-DD	Control Dynamics Section III
R-ASTR-DA	Dynamical Analysis Synthesis Section
R-ASTR-DF	Flight Simulation Facilities Section
R-ASTR-DG	Guidance Dynamics Section
R-ASTR-P	Pilot Manufacturing Development Branch
R-ASTR-PE	Electrical Engineering Development Section
R-ASTR-PO	Operations Section
R-ASTR-PS	Manufacturing Shop Section
R-ASTR-PM	Mechanical Engineering Development Section
R-ASTR-PR	Research and Development Section
COMPUTATION LABORATORY	
R-COMP-DIR	Office of Director
R-COMP-T	Technical Staff

R-COMP-D	Data Systems Engineering Office
R-COMP-M	Resources Management Office
R-COMP-MF	Facilities and Technical Support
R-COMP-MA	Manpower Management and Administrative Services
R-COMP-MP	Programming and Work Planning and Contracts
R-COMP-MR	Resources Analysis
R-COMP-MS	Supply and Technical Materials
R-COMP-A	Projects and Industry Applications Division
R-COMP-AD	Data Center Branch
R-COMP-AS	Business and Engineers Systems Branch
R-COMP-R	Research and Development Applications Division
R-COMP-RR	Data Reduction Branch
R-COMP-RRO	Engineering and Operations Section
R-COMP-RRF	Flight Data Analysis Section
R-COMP-RRM	Measuring Data Section
R-COMP-RRG	Programming Section
R-COMP-RRP	Special Projects Section
R-COMP-RRL	Systems Language and Techniques Section
R-COMP-RRT	Tracking Data Section
R-COMP-RRV	Vibration Data Section
R-COMP-RD	Digital Projects Branch
R-COMP-RDS	Contractor Supervision and Control Section
R-COMP-RDC	Decentralized Computer Section
R-COMP-RDP	Programming and Analysis Section
R-COMP-RDA	Special Applications Section
R-COMP-RS	Simulation Branch
R-COMP-RSC	Decentralized Simulation Section
R-COMP-RSD	Digital Simulation Section
R-COMP-RSE	Engineering and Test Section
R-COMP-RSH	Hybrid Simulation Section
R-COMP-RSM	Mathematical Simulation Section
R-COMP-RSP	Physical Simulation Section
MANUFACTURING ENGINEERING LABORATORY	
R-ME-DIR	Office of Director
R-ME-A	Technical and Scientific Staff
R-ME-X	Projects Development Office
R-ME-R	Resources Management Office
R-ME-RA	Administrative Management Section
R-ME-RE	Engineering Communications Section
R-ME-RS	Management Scheduling and Reporting Section
R-ME-RR	Resources Coordination Section
R-ME-U	Upper Stage Manufacturing Management Office
R-NM-D	Manufacturing Development Division
R-ME-DP	Project Engineering Office
R-ME-DPD	Development Section
R-ME-DPE	Engineering Section (Evaluation)
R-ME-DPW	Engineering Section (Welding)
R-ME-DPP	Project Engineering Section
R-ME-DM	Manufacturing Control Office
R-ME-DMA	Assembly Control Section

R-ME-DMF	Fabrication Control Section
R-ME-DA	Assembly Development Branch
R-ME-DAE	Electrical Fabrication and Assembly Section
R-ME-DAM	Mechanical Assembly Section
R-ME-DAT	Test Support and Mock-Up Section
R-ME-DF	Fabrication Branch
R-ME-DFA	Fabrication Machining Section
R-ME-DFM	Fabrication Metal Finishing Section
R-ME-DFP	Fabrication Metal Forming Section
R-ME-DFP	Fabrication Special Processes Section
R-ME-M	Manufacturing Research and Technology Division
R-ME-ME	Experimental Electronics Development Branch
R-ME-MEA	Automation and Design Section
R-ME-MEE	Electronics Section
R-ME-MEI	Instrumentation Section
R-ME-MES	Systems Section
R-ME-MM	Methods Development Branch
R-ME-MMC	Chemical Processing Section
R-ME-MMA	Mechanical Assembly Concepts Section
R-ME-MMP	Metals Processing Section
R-ME-MW	Welding Development Branch
R-ME-MWD	Design and Application Section
R-ME-MWM	Material Control Section
R-ME-MWW	Welding Development Section
R-ME-T	Planning and Tool Engineering Division
R-ME-TP	Planning and Engineering Branch
R-ME-TPE	Engineering Configuration Control Office
R-ME-TPF	Future Projects Section
R-ME-TPM	Material Control Office
R-ME-TPS	Structural Fabrication and Assembly Section
R-ME-TPA	Vehicle Assembly Components Section
R-ME-TPV	Vehicle Assembly Section
R-ME-TD	Tool Design and Engineering Branch
R-ME-TDA	Assembly Tool Design Section
R-ME-TDE	Engineering Support Section
R-ME-TDN	Numerical Control Section
R-ME-TDS	Structural Tool Design Section
R-ME-TDP	Technical Publications Section
R-ME-I	Industrial Support Branch
R-ME-IF	Staff and Field Office
R-ME-IS	Structural Section
R-ME-IT	Tooling and Services Section
R-ME-IV	Vehicle Systems Section
R-ME-P	Plant Engineering Branch
R-ME-PC	Components and Tool Control Section
R-ME-PF	Facilities Engineering Section
R-ME-PP	Future Planning Section
R-ME-PM	Master Mechanic Section
R-ME-PE	Material and Equipment Support Office
RESEARCH PROJECTS LABORATORY	

R-RP-DIR	Office of Director
R-RP-X	Technical and Scientific Staff
R-RP-M	Meteoroid Measurement Office
R-RP-C	Program Coordination and Administration Office
R-RP-J	Special Projects Office
R-RP-R	Supporting Research Office
R-RP-C	Technology Utilization Office
R-RP-N	Nuclear and Plasma Physics Branch
R-RP-P	Physics and Astrophysics Branch
R-RP-T	Space Thermodynamics Branch
R-RP-S	Systems and Instrumentation Branch
PROPULSION AND VEHICLE ENGINEERING LABORATORY	
R-P&VE-DIR	Office of Director
R-P&VE-T	Technical and Scientific Staff
R-P&VE-A	Advanced Studies Office
R-P&VE-AA	Mission Analysis Branch
R-P&VE-AN	Nuclear Systems Branch
R-P&VE-AD	Systems Development Branch
R-P&VE-N	Nuclear Vehicle Project Office
R-P&VE-R	Resources Management Office
R-P&VE-RI	Industrial Resources
R-P&VE-RM	Management Services
R-P&VE-RE	Plant Engineering
R-P&VE-RR	Resources Management and Control
R-P&VE-RT	Technical Documents
R-P&VE-M	Materials Division
R-P&VE-MC	Chemistry Branch
R-P&VE-MCC	Analytical Chemistry Section
R-P&VE-MCA	Applied Chemistry Section
R-P&VE-MCP	Physical Chemistry Section
R-P&VE-MCS	Solid State Chemistry Section
R-P&VE-MM	Mechanics of Materials Branch
R-P&VE-MMD	Development Shop Section
R-P&VE-MME	Experimental Physics Section
R-P&VE-MMS	Measurements and Standards Section
R-P&VE-MMT	Test Engineering Section
R-P&VE-MT	Metallics Branch
R-P&VE-MTC	Corrosion and Surface Treatment Section
R-P&VE-MTM	Mechanical Metallurgy Section
R-P&VE-MTA	Metallurgical Analysis Section
R-P&VE-MTJ	Metals Joining Research Section
R-P&VE-MTP	Physical Metallurgy Section
R-P&VE-MN	Non-Metallics Branch
R-P&VE-MNC	Ceramics Section
R-P&VE-MNM	Composite Materials and Casting Section
R-P&VE-MNP	Polymer Chemistry Section
R-P&VE-NMR	Rubber and Plastics Technology Section
R-P&VE-P	Propulsion Division
R-P&VE-PA	Advanced Propulsion Branch
R-P&VE-PAA	Advanced Propulsion Section

R-P&VE-PAB	Booster Engine Section
R-P&VE-PAE	Engine Control Systems Section
R-P&VE-PAS	Space Engine Section
R-P&VE-PAC	Subsystems and Components Section
R-P&VE-PM	Experimental and Applied Mechanical Research Branch
R-P&VE-PMR	Applied Research Section
R-P&VE-PMS	Measuring Section
R-P&VE-PMM	Mechanics Section
R-P&VE-PMC	Propulsion Cryogenics Section
R-P&VE-PP	Propulsion Analysis Branch
R-P&VE-PPF	Fluid Mechanics Section
R-P&VE-PPE	Thermal Engineering Section
R-P&VE-PPD	Thermodynamics Section
R-P&VE-PPT	Thermophysics Section
R-P&VE-PE	Propulsion Engineering Branch
R-P&VE-PEC	Components Development Section
R-P&VE-PEP	Propulsion Controls Section
R-P&VE-PEL	Solid Propulsion Section
R-P&VE-PES	Special Systems Section
R-P&VE-PED	Systems Development Section
R-P&VE-PV	Propulsion Evaluation Section
R-P&VE-S	Structures Division
R-P&VE-SA	Advanced Structure Design Branch
R-P&VE-SAD	Advanced Design Section
R-P&VE-SAA	Advanced Development Section
R-P&VE-SAE	Stage Engineering Section
R-P&VE-SL	Dynamic and Loads Branch
R-P&VE-SLS	Dynamic Stability Section
R-P&VE-SLA	Model Analysis Section
R-P&VE-SLL	Structural Loads Section
R-P&VE-SLR	Structural Response Section
R-P&VE-SE	Experimental and Applied Structure Research Branch
R-P&VE-SED	Dynamic Test Section
R-P&VE-SEI	Instrumentation Section
R-P&VE-SER	Research Section
R-P&VE-SES	Structural Test Section
R-P&VE-SEP	Test Planning Section
R-P&VE-SV	Vibration, Acoustics and Evaluation Branch
R-P&VE-SVR	Advanced Methods and Research Section
R-P&VE-SVA	Analysis Section
R-P&VE-SVE	Environmental Section
R-P&VE-SVM	Measuring and Evaluation Section
R-P&VE-SS	Stress Section
R-P&VE-D	Systems and Design Integration Division
R-P&VE-DD	Documentation and Standardization Branch
R-P&VE-DDE	Components Engineering Section
R-P&VE-DDD	Documentation Control Section
R-P&VE-DDR	Requirements and Procedures Section
R-P&VE-DDT	Technical Writing and Handbooks Section
R-P&VE-DI	Integration Criteria Branch
R-P&VE-DID	Design Integration Section
R-P&VE-DIE	Engineering Analysis Section

R-P&VE-DIM	Mass Properties Analysis Section
R-P&VE-DIS	System Criteria Section
R-P&VE-DA	Systems Analysis Branch
R-P&VE-DAA	Design Analysis Section
R-P&VE-DAD	Design Requirements Section
R-P&VE-DAF	Functional Integration Section
R-P&VE-DAO	operations Section
R-P&VE-DV	Vehicle Engineering Branch
R-P&VE-DVA	Assembly Engineering Section
R-P&VE-DVI	Interface Engineering Section
R-P&VE-DVL	Layout and Human Engineering Section
R-P&VE-DVP	Special Projects Section
QUALITY AND RELIABILITY ASSURANCE LABORATORY	
R-QUAL-DIR	Office of Director
R-QUAL-J	Projects Staff
R-QUAL-T	Technical Staff
R-QUAL-O	Programs Resources Office
R-QUAL-OM	Administrative Management Plans
R-QUAL-OMA	Administrative Services Section
R-QUAL-OMM	Management Services Section
R-QUAL-OE	Engineering Design Branch
R-QUAL-OEN	Electrical Design Equipment and Systems Network Section
R-QUAL-OED	Mechanical Design Section
R-QUAL-OET	Technical Documentation Section
R-QUAL-OF	Facilities Engineering Branch
R-QUAL-OFP	Facilities Planning and Construction Section
R-QUAL-OFS	Service Section
R-QUAL-OFT	Test Support Section
R-QUAL-OC	Program Coordination Branch
R-QUAL-OCB	Budget and Support Section
R-QUAL-OCM	Material and Equipment Section
R-QUAL-OCS	Program Planning and Scheduling Section
R-QUAL-OT	Technical Training Branch
R-QUAL-OTE	Electrical Section
R-QUAL-OTS	Materials Support Section
R-QUAL-OTM	Mechanical Systems Section
R-QUAL-A	Analytical Operations Division
R-QUAL-AA	Electrical Analysis Branch
R-QUAL-AAR	Advanced Methods and Research Section
R-QUAL-AAA	Electrical Assembly Analysis Section
R-QUAL-AAM	Electrical Parts and Manufacturing Analysis Section
R-QUAL-AAT	Electrical Test Section
R-QUAL-AM	Mechanical Analysis Branch
R-QUAL-AMA	Alignment & Weight Analysis Section
R-QUAL-AMC	Chemical Processes Analysis Section
R-QUAL-AMM	Mechanical Assembly Analysis Section
R-QUAL-AMR	Methods Research Section
R-QUAL-AMS	Structural Assembly Analysis Section
R-QUAL-AT	Mechanical Test Branch
R-QUAL-ATA	Component Test and Analysis Section



R-QUAL-ATS	Engine Systems Section
R-QUAL-ATE	Engineering Analysis Section
R-QUAL-ATT	Mechanical Systems Test Section
R-QUAL-ATR	Methods Research Section
R-QUAL-AV	Vendor analysis Branch
R-QUAL-AVS	Field Analysis and Support Section
R-QUAL-AVP	Planning and Engineering Analysis Section
R-QUAL-AVR	Receiving Analysis Section
R-QUAL-Q	Quality Engineering Division
R-QUAL-QO	Field Operations Branch
R-QUAL-QOP	Field Planning Section
R-QUAL-QOO	Regional Operations Section
R-QUAL-QE	Quality Engineering Branch
R-QUAL-QET	Environmental Test Section
R-QUAL-QEE	Quality Program Engineering Section
R-QUAL-QEO	Quality Program Operation Section
R-QUAL-QER	Quality Requirements Section
R-QUAL-QV	Quality Evaluation Branch
R-QUAL-QVS	Automatic Data Processing System Section
R-QUAL-QVC	Calibration Section
R-QUAL-QVP	Program Communication Section
R-QUAL-QVA	Quality Inspection and Report Analysis Section
R-QUAL-R	Reliability Engineering Division
R-QUAL-RA	Reliability Assessment Branch
R-QUAL-RAE	Data Evaluation Section
R-QUAL-RAA	Reliability Planning and Auditing Section
R-QUAL-RAP	Reliability Program Analysis Section
R-QUAL-RE	Reliability Engineering Branch
R-QUAL-REE	Parts Engineering Section
R-QUAL-REP	Reliability Program Engineering Section
R-QUAL-RER	Reliability Requirements Section
R-QUAL-REV	Reliability Review Section
R-QUAL-P	Vehicle Systems Checkout Division
R-QUAL-PC	Systems Checkout Office
R-QUAL-PF	Flight Systems Analysis Branch
R-QUAL-PFA	Advance Systems Engineering Section
R-QUAL-PFC	Control Systems Section
R-QUAL-PFN	Navigation Systems Section
R-QUAL-PFS	Special Systems Section
R-QUAL-PI	Instrument Systems Branch
R-QUAL-PID	Digital Data Systems Section
R-QUAL-PIE	Electro-Magnetic Interference Section
R-QUAL-PII	Instrumentation Section
R-QUAL-PIR	RF Systems Section
R-QUAL-PS	Integrated Systems Branch
R-QUAL-PSC	Computer Programming Section
R-QUAL-PSE	Engineering Support Section
R-QUAL-PSI	Integrated Systems Section
R-QUAL-PSN	Networks Test Section
TEST LABORATORY	

R-TEST-DIR	Office of Director
R-TEST-T	Technical and Scientific Staff
R-TEST-A	Administrative Office
R-TEST-F	Advanced Facilities Planning Office
R-TEST-M	Mississippi Test Facility Planning and Special Project Office
R-TEST-R	Resources Management Office
R-TEST-RR	Resource Analysis
R-TEST-RC	Resources Control and Support
R-TEST-RT	Technical Liaison
R-TEST-C	Components and Sub-Systems Division
R-TEST-CF	GSE and Firing Assistance Branch
R-TEST-CFG	GSE Assembly and Checkout Section
R-TEST-CFL	Large Vehicle GSE Test Section
R-TEST-CFM	Medium vehicle GSE Test Section
R-TEST-CT	Large Sub-Systems and Environmental Test Branch
R-TEST-CTE	Environmental Test Section
R-TEST-CTM	Fluid Mechanics Test Section
R-TEST-CV	Vehicle Components and Sub-Systems Branch
R-TEST-CVT	Advanced Technology Test Section
R-TEST-CVC	Vehicle Component Test Section
R-TEST-CVS	Vehicle Sub-System Test Section
R-TEST-I	Instrumentation Control Division
R-TEST-IC	Components Instrumentation Branch
R-TEST-ICA	Acoustics Section
R-TEST-ICC	Components and Sub-Systems Instrumentation
R-TEST-ICG	GSE Instrumentation Section
R-TEST-IE	Electrical Systems Branch
R-TEST-IEP	Component and Sub-System Control Section
R-TEST-IEE	East Area Control Section
R-TEST-IES	Electrical Support Section
R-TEST-IEM	Fluid Mechanics Control Section
R-TEST-IEC	Special System Control Section
R-TEST-IEW	West Area Control Section
R-TEST-ID	Instrument Development Branch
R-TEST-IDS	Design and Shop Section
R-TEST-IDE	Electronics Section
R-TEST-IDF	Flow Section
R-TEST-IDP	Pressure and Thrust Section
R-TEST-IDT	Temperature and Physics Section
R-TEST-II	Systems Instrumentation Branch
R-TEST-IID	Data Acquisition Section
R-TEST-IIE	East Area Instrumentation Section
R-TEST-IIM	Fluid Mechanics Instrumentation Section
R-TEST-IIS	Special Systems Instrumentation Section
R-TEST-IIW	West Area Instrumentation Section
R-TEST-S	Systems Division
R-TEST-SB	Booster Systems Branch
R-TEST-SBB	Booster Test Section
R-TEST-SBT	Special Test Section
R-TEST-SBS	Stage Test Section
R-TEST-SO	Field Operations Office
R-TEST-SON	NOVA Section

R-TEST-SOR	RIFT Section
R-TEST-SOO	S-I Section
R-TEST-SOT	S-II Section
R-TEST-SP	Propulsion Systems Branch
R-TEST-SPB	Booster Engine Section
R-TEST-SPS	Stage Engine Section
R-TEST-SPT	Test Support Section
R-TEST-SU	Upper Stage Systems Branch
R-TEST-SUS	Stage Section
R-TEST-E	Mechanical Test Equipment Design Branch
R-TEST-EM	Mechanical Section
R-TEST-EP	Piping Section
R-TEST-EE	Propellant Section
R-TEST-ES	Structural Section
R-TEST-V	Special Transportation Branch
R-TEST-VE	Equipment Design Section
R-TEST-VR	Requirements and Test Section
R-TEST-P	Test Support Shops Branch
R-TEST-PE	Field Fabrication and Erection Section
R-TEST-PM	Mechanical Section
R-TEST-PF	Shop Fabrication Section
LAUNCH VEHICLE OPERATIONS	
(Symbols for Launch Vehicle Operations provided by Launch Operations Center)	
LVO-DIR	Office of Director
LVO-AD	Assistant Director
LVO-T	Technical Planning and Scheduling Office
LVO-L	Liaison Office at MSFC
LVO-E	Electronic Engineering and Instrumentation Systems
LVO-ER	Radio Frequency and Telemetry Branch
LVO-ERF	Vehicle Telemetry Section
LVO-ERG	Telemetry Support Systems Section
LVO-EM	Measuring Branch
LVO-EML	Vehicle Measuring Section
LVO-EMG	Ground Measuring Section
LVO-G	Electrical Engineering Guidance and Control Systems
LVO-GE	Electrical Systems Branch
LVO-GEL	Airborne Electrical Systems Section
LVO-GEG	Ground Electrical Systems Section
LVO-GEP	Special Devices Section
LVO-GA	Gyro and Stabilizer Systems Branch
LVO-GAA	Stabilizer and Accelerometer Section
LVO-GAC	Ground Operations Section
LVO-GN	Guidance and Control Systems Branch
LVO-GNP	Systems Programming Office
LVO-GNG	Ground Computer Systems Section
LVO-GNF	Flight Computer Systems Section
LVO-GNC	Flight Control Systems Section
LVO-M	Mechanical and Propulsion Systems
LVO-MD	Mechanical Systems Operations & Development Branch
LVO-MDP	Pneumatics and Umbilical Section

LVO-MDE	Launcher and Environmental Section
LVO-MDL	Mechanical Systems Laboratory Section
LVO-MV	Propulsion and Vehicle Systems Branch
LVO-MVP	Propulsion Section
LVO-MVD	Vehicle Systems Section
LVO-MF	Propellants Branch
LVO-MFF	Fuels Section
LVO-MFG	Oxidizers Section
INDUSTRIAL OPERATIONS	
I-DIR	Office of Director
CONTRACTS OFFICE	
I-CO-CH	Office of Chief
I-CO-A	Administrative and Services Branch
I-CO-AP	Industrial Property Section
I-CO-AR	Plan and Review Section
I-CO-AA	Price Analysis Section
I-CO-F	Facilities and Construction Branch
I-CO-FC	Construction Section
I-CO-FF	Facilities Section
I-CO-M	Mississippi Test Branch
I-CO-MF	Facilities Activation Section
I-CO-MS	Plant and Technical Support Section
I-CO-MP	Propellants Section
I-CO-P	Propulsion Branch
I-CO-PF	F-1 Section
I-CO-PH	H-1 Section
I-CO-PJ	J-2 Section
I-CO-PR	RL-10 Section
I-CO-S	Stages Branch
I-CO-SA	S-II Section
I-CO-SB	S-IV Section
I-CO-SC	S-IVB Section
FACILITIES PROJECTS OFFICE	
I-FP-CH	Office of Chief
I-FP-E	Engine Facilities Branch
I-FP-S	General Support and Technical Facilities Branch
I-FP-I	Industrial Property Branch
I-FP-P	Programs Branch
I-FP-PA	Administration Section
I-FP-PB	Budget Section
I-FP-PC	Control Section
I-FP-PP	Plans Section
I-FP-SI	Saturn I and IB Facilities Branch
I-FP-SV	Saturn V Facilities Branch
PROJECTS LOGISTICS OFFICE	

I-PL-CH	Office of Chief
I-PL-M	Maintenance and Supply Branch
I-PL-J	Plant Jurisdiction Branch
I-PL-P	Propellants and Pressurants Branch
I-PL-S	Systems Branch
I-PL-T	Transportation Branch
RESOURCES MANAGEMENT OFFICE	
I-RM-CH	Office of Chief
MICHOU D OPERATIONS	
I-MICH-MGR	General Manager
I-MICH-A	Administration Office
I-MICH-L	Counsel Office
I-MICH-D	Documentation Office
I-MICH-E	Engine Office
I-MICH-B	Facilities Office
I-MICH-F	Financial Office
I-MICH-H	Huntsville Resident Office
I-MICH-I	Industrial Relations Office
I-MICH-C	Procurements and Contracts Office
I-MICH-CA	S-I Section
I-MICH-CB	S-IC Section
I-MICH-CS	Support Services Section
I-MICH-P	Programs Office
I-MICH-R	Public Relations Office
I-MICH-O	Assistant for Operations
I-MICH-OC	Computer Operations Office
I-MICH-OA	S-I Operations Office
I-MICH-OB	S-IC Operations Office
I-MICH-OS	Support Operations Office
I-MICH-Q	Assistant for Quality Assurance and Reliability
I-MICH-QE	Quality Engineering Office
I-MICH-QP	Product Control Engineering Office
I-MICH-QR	Reliability Office
MISSISSIPPI TEST OPERATION	
I-MT-MGR.	Office of Manager
I-MT-A	Administrative Services Office
I-MT-C	Community Relations Office
I-MT-F	Facilities Office
I-MT-H	Huntsville Resident Office
I-MT-I	Public Information Office
I-MT-Q	Quality Assurance and Reliability Office
I-MT-R	Resources Management Office
I-MT-RB	Budget and Programs Branch
I-MT-RE	Evaluation Branch
I-MT-RF	Financial Systems
I-MT-P	Plant Operations Division

I-MT-PW	Meteorology Branch
I-MT-PM	Plant Maintenance Branch
I-MT-PF	Safety Branch
I-MT-PS	Security Branch
I-MT-PA	Supply and Property Accountability Branch
I-MT-PT	Transportation Branch
I-MT-T	Technical Operations Division
I-MT-TD	Data Branch
I-MT-TL	Logistics Branch
I-MT-TS	Support Services Branch
I-MT-TT	Test Operations Branch
SATURN I/IB PROJECT OFFICE	
I-I/IB-DIR	Office of Director
I-I/IB-M	Saturn I/IB Management Services Office
I-I/IB-A	Saturn I/IB Resident Project Management Office AMR
I-I/IB-P	Saturn I/IB Project Plans Office
I-I/IB-R	Saturn I/IB Project Resources Office
I-I/IB-D	Saturn I/IB Document Requirements Office
I-I/IB-I	Saturn I Systems Requirements and Integration Office
I-I/IB-B	Saturn IB Systems Requirements and Integration Office
I-I/IB-C	Saturn I/IB Vehicle JOSE Office
I-I/IB-SI	S-1 Stage Office
I-I/IB-SIC	Budget and Contracts Branch
I-I/IB-SIO	Operations Branch
I-I/IB-SIF	Facilities and Logistics Branch
I-I/IB-SIB	S-1B Stage Office
I-I/IB-SIBC	Budget and Contracts Branch
I-I/IB-SIBO	Operations Branch
I-I/IB-SIBF	Facilities and Logistics Branch
I-I/IB-SIV	S-IV Stage Office
I-I/IB-SIVR	Huntsville Project Office
I-I/IB-SIVS	Sacramento Resident Project Management Branch
I-I/IB-SIVL	Los Angeles Resident Project Management Office
I-I/IB-SIVA	AMR Resident Project Management Branch
SATURN V PROJECT OFFICE	
I-V-DIR	Office of Director
I-V-D	Documentation Requirements Office
I-V-IU	Instrument Unit Office
I-V-M	Management Services Office
I-V-A	Mission Assurance Requirements Office
I-V-P	Plans and Resources Requirements Office
I-V-SIC	S-IC Stage Office
I-V-SII	S-II Stage Office
I-V-SIVB	S-IVB Stage Office
I-V-R	System Requirements and Integration Office
ENGINE PROJECT OFFICE	

I-E-DIR	Office of Director
I-E-E	Advanced Engines Staff
I-E-P	Plans and Resources Office
I-E-Q	Quality Assurance and Reliability Staff
I-E-ME	Resident Management Office - Edwards Rocket Base
I-E-MP	Resident Management Office - Pratt & Whitney, Florida
I-E-MR	Resident Management Office - Rocketdyne -Conago Park
I-E-F	F-1 Engine Project Office
I-E-J	J-2 Engine Project Office
I-E-H	H-1 Engine Project Office
I-E-R	RL10 Engine Project Office
OFFICE CODES OF OTHER ORGANIZATIONS LOCATED AT MSFC	
M-BI NASA, DIVISION OF INSPECTIONS	
NASA, AUDIT OFFICE	
M-BU	Huntsville
MICH-BU	Michoud Operations
MT-BU	Mississippi Test Operations
M-SSVH	AIR FORCE SPACE SYSTEMS DIVISION, HUNTSVILLE OFFICE
M-HME	NASA, SYSTEMS ENGINEERING, OFFICE OF MANNED SPACE FLIGHT
PHONETIC ALPHABET	
A	ALPHA
B	BRAVO
C	CHARLIE
D	DELTA
E	ECHO
F	FOXTROT
G	GOLF
H	HOTEL
I	INDIA
J	JULIETT
K	KILO
L	LIMA
M	MIKE
N	NOVEMBER
O	OBOE
P	PAPA
Q	QUEEN
R	ROMEO
S	SIERRA
T	TANGO
U	UNIFORM
V	VICTOR
W	WHISKEY
X	X RAY
Y	YANKEE

Z	ZULU
Abort Sensor Assembly	ASA
Abort Stage	ABRT STG
AC Bus 1	AC 1
AC Bus 2	AC 2
Accept	ACPT
Ambient	AMB
Altimeter	ALTM
Attitude Controller Assembly	ACA
Amplitude	AMPL
Ascent Propulsion Subsystem	APS
Beamwidth	BMWD
Block	BLK
Calibrate	CAL
Canard	CNRD
Canister	CSTR
C-Band	C-BD
Circuit Breaker	CKT BKR,CB
Clockwise	CW
Close, Closed	CL
Compartment	COMPT
Condition	COND
Connect Connector	CONN
Control Electronics Section	CES
Controller	CONTR
Counter Clockwise	CCW
Crewman optical Alignment Sight	COAS
Cycle	CY
Data Storage Electronics Assembly	DSEA
Deadband	DBD
Decibels	DS
Deploy	DPLY
Descent Propulsion Subsystem	DPS
Difference	DIFF
Digital Auto Pilot	DAP
Digital Event Timer	DET
Disconnect	DISC
Down	DN
Drink	DRNK
Drogue	DROG
Earth Orbit Insertion	EOI
Egress	EGRS
Electrical Power Subsystem	EPS
Emergency O2 Supply	EOS
Enable	ENBL
Engine Cutoff	ECO
Event	EVNT
Event Timer	ET
Extinguish	EXTG
Figure	FIG



Flight Combustion Stability Monitor	FCSM
Floodlight	FLOOD
Function, Functional	FUNC
Gravity	G
Ground Support Equipment	GSE
Ground Test Assembly	GTA
Group	GRP
Guard	GD
Gauging, Gauge	GA
Heat	HT
Heat Transport Section	HTS
Helmet	HLMT
High Voltage	HV
Hover	HVR
Identification	ID
Ingress	INGRS
Inlet	IN
Intercommunication System	ICS
Interior	INT
Interlock	INTLK
Instrumentation	INST
Launch Umbilical Tower	LUT
Limit	LIM
Low Voltage	LO VOLT
Lunar	LUN
Lunar Module	LM
Main Bus A	MNA
Main Bus B	MNB
Main Propulsion Subsystem (MPS)	MPS
Maintain	MAIN
Mid-Course Correction	MCC
Mission	MSN
Module	MOD
Momentary	MOM
Motion	MTN
Normally Closed	NC
Normally Open	NO
Not Applicable	NA
Omni Directional	OMNI
Omni Range	OMNI
Operator	OPR
Optics	OPT
Optics Hand Controller	OHC
Orbit, Orbital	ORB
Orbital Rate Drive Electronics, Apollo, LM	ORDEAL
Overboard	OVBD
Overhead	OVHD
Panel(s)	PNL
Pitch	P
Pitch Control	PC
Post Landing Vent Control	PLVC
Preliminary Amplifiers	PREAMP
Pressure Garment Assy	PGA

Primary Guidance and Navigation and Control System	PGNCS
Purge	PURG
Qualification	QUAL
Reactant	REAC
Reaction	REAC
Reaction Control Subsystem	RCS
Reactor	REAC
Reject	REJ
Relief	RELF
Rendezvous Radar	RR
Rendezvous Radar Transponder	RRT
Requirement, Require(d)	REQ
Reservoir	RSVR
Resolver	RSLV
Restart	RSTRT
Retical	RETCL
Return	RET
Roll	R
Roll Stability Indicator	RSI
Sample Return Container	SRC
S-Band	S-BD
Side Equipment Bay	SEB
Sequential Events Control System	SECS
Signal Conditioning Electronics Assembly	SCEA
Spacecraft LM Adapter	SLA
Squelch	SQLCH
Start	STRT
Station	STA
Status	STAT
Stem	STM
Stripe, Striped	STP
Super-Critical	SUPCRIT
Surge	SRG
Target	TRGT
Thrust/Translation Control Assembly	T/TCA
Thumb wheel	TW
Timer	TMR
Times	X
Transearth Insertion	TEI
Transfer Orbit Insertion	TOI
Translunar Insertion	TLI
Track, Tracker	TCK
Tunnel	TUNL
Ullage	ULL
Umbilical	UMB
Under-voltage	UV
Urine	UR
Utility	UTIL
Vector	VCTR
Voice	VOC
Window	WNDW
yaw	I - Y

a	ANGLE OF ATTACK, DEG
AA	ANTENNA ASSEMBLY
AAA	ACTIVE ACQUISITION AIDS
AAE	ANTENNA ASSEMBLY ELECTRONICS
AAM	AIR-TO-AIR MISSILE
AAO	ASTRONAUTS ACTIVITIES OFFICE
ABL	ALLEGANY BALLISTICS LABORATORY
ABM	ADVANCED BILL OF MATERIALS
ABMA	ARMY BALLISTIC MISSILE AGENCY
ABS	AIR BEARING SUPPLY SYSTEM
ABT	AIR BEARING TABLE
AC	ALTERNATING CURRENT
AC	AUDIO CENTER
ACA	ATTITUDE CONTROLLER ASSEMBLY
ACA	AUDIO CENTER ASSEMBLY
ACBWG	APOLLO REENTRY COMMUNICATION BLACKOUT WORKING GROUP
ACC	AUTOMATIC CONTROL CONSOLE
ACE	ACCEPTANCE CHECKOUT EQUIPMENT
ACE	AUTOMATIC CHECKOUT EQUIPMENT
ACERP	ADVANCED COMMUNICATION ELECTRONICS RESEARCH PLAN
ACES	ACCEPTANCE CHECKOUT AND EVALUATION SYSTEM
ACES	ACCEPTANCE CONTROL EQUIPMENT SECTION
ACM	APOLLO CONFIGURATION MANAGEMENT
ACM	AUDIO CENTER MODULE
ACME	ATTITUDE CONTROL AND MANEUVER ELECTRONICS
ACME	ATTITUDE CONTROL PROPULSION MOTORS
ACOE	AUTOMATIC CHECKOUT EQUIPMENT
ACP	APOLLO CHECKOUT PROCEDURE
ACPM	ATTITUDE CONTROL PROPULSION MOTORS
ACR	ADVENT CONTROL ROOM
ACRE	AUTOMATIC CHECKOUT AND READINESS EQUIPMENT
A+C ROLL	A+C CLUSTER OF THE RCS ENGINES CONTROLLING ROLL
ACRC	AUDIO CENTER - RECEIVER - NAA
ACS	ATTITUDE CONTROL SYSTEM
ACSP	AC SPARK PLUG DIVISION OF GENERAL MOTORS
ACTM	AUDIO CENTER - TRANSMITTER (NAA)
A-D	ANALOG-TO-DIGITAL (CONVERTER)
ADA	ANGULAR DIFFERENTIATING ACCELEROMETER
ADC	AIR DEFENCE COMMAND [USAF]
ADC	ANALOG TO DIGITAL CONVERTER
ADCN	ADVANCE DRAWING CHANGE NOTICE
ADF	AERONUTRONIC DIVISION OF FORD MOTOR COMPANY
ADF	AUTOMATIC DIRECTION FINDING /EQUIPMENT/
ADMT	AGENA DETAILED MANEUVER TABLE
ADP	ACCEPTANCE DATA PACKAGE
ADP	AUTOMATIC DATA PROCESSING
ADPL	APOLLO DATA PROCESSING LABORATORY (NAA)
ADPS	ASCENT AND DESCENT PROPULSION SUBSYSTEM
ADPS	AUTOMATIC DATA PROCESSING SYSTEM
ADPT	ADAPTER ALSO (SEPARATE ARMED)
ADS	ADDRESS DISPLAY SUBSYSTEM ATTITUDE AND DECELERATION SENSORS
ADVAC	ADVENT ACQUISITION MODULE (OF TRK)
ADVEP	ADVENT EPHEMERIS MODULE (OF TRK)
AE	ASCENT ENGINE

A+E	AZIMUTH AND ELEVATION
AEA	ABORT ELECTRONICS ASSEMBLY
AEB	AFT EQUIPMENT SAY
AEC	ATOMIC ENERGY COMMISSION
AED	AGENA EPHEMERIS DATA
AED	ASTRO-ELECTRONICS DIVISION (RCA)
AEDC-VKF	ARNOLD ENGINEERING DEVELOPMENT CENTER - VON KARMAN FACILITY
AELD	ASCENT ENGINE LATCHING DEVICE
AEP	ASCENT ENGINE PRESSURIZATION
AEPG	ARMY ELECTRONIC PROVING GROUND
AES	APOLLO EXTENDED SYSTEMS
AF	AIR FORCE
AFBMD	AF BALLISTIC MISSILES DIV.
AFBMTC	AF BALLISTIC MISSILES TRAINING CENTER (VANDENBERG AFB, CALIF)
AFBSD	AF BALLISTIC SYSTEMS DIVISION (NORTON AFB SAN BERNADINO CALIF)
AFC	AUTOMATIC FREQUENCY CONTROL
AFCRC	AF CAMBRIDGE RESEARCH CENTER (HANSCOM FIELD, BEDFORD MASS)
AFCRL	AF CAMBRIDGE RESEARCH LABORATORY
AFCS	AUTOMATIC FLIGHT CONTROL SYSTEM
AFD	ASSISTANT FLIGHT DIRECTOR
AFDO	ASSISTANT FLIGHT DYNAMICS OFFICER
AFETB	AF EXPERIMENTAL TRACK BRANCH (EDWARDS AF BASE CALIF)
AFETR	AIR FORCE EASTERN TEST RANGE
AFFTC	AF FLIGHT TEST CENTER (EDWARDS AF BASE - CALIF)
AFLC	AIR FORCE LOGISTICS COMMAND (FORMERLY AMC)
AFMDC	AF MISSILE DEVELOPMENT CENTER (HOLLOMAN AFBF ALAMOGORDO NM)
AFMSTS	AF MISSILE STATIC TEST SITE (EDWARDS AF BASE - CALIF)
AFMTC	AIR FORCE MISSILE TEST CENTER
AFOAR	AIR FORCE OFFICCE OF AEROSPACE RESEARCH (AFSC)
AFOSR	AF OFFICE OF SCIENTIFIC RESEARCH (WASHINGTON DC)
AFOTC	ATLANTIC FLEET OPERATIONAL TELETYPE CIRCUIT
AFR	ACCESS FUNCTION REGISTER (PICE)
AFRD	AIR FORCE RESEARCH AND DEVELOPMENT (HANSCOM)
AFRM	ADVANCED FLIGHT RESEARCH MODEL
AFSC	AIR FORCE SYSTEMS COMMAND
AFSSD	AIR FORCE SPACE SYSTEMS DIVISION
AGACS	AUTOMATIC GROUND TO AIR COMMUNICATIONS SYSTEM
AGANI	APOLLO GUIDANCE AND NAVIGATION INFORMATION
AGAP	ATTITUDE GYRO ACCELEROMETER PACKAGE
AGAVE	AUTOMATIC GIMBALED-ANTENNA VECTORING EQUIPMENT (AAA)
AGC	AEROJET GENERAL CORP
AGC	APOLLO GUIDANCE COMPUTER
AGC	APOLLO GUIDANCE CONTROL
AGC	AUTOMATIC GAIN CONTROL
AGCS	AUTOMATIC GROUND CONTROL STATION
AGC	AUTOMATIC GUIDANCE CONTROL
AGCS	AUTOMATIC GROUND CONTROL SYSTEM
AGCU	ATTITUDE GYRO COUPLING UNIT
AGE	AEROSPACE GROUND EQUIPMENT
AGE	APOLLO GUIDANCE EQUIPMENT
AGGD	APOLLO GUIDANCE GROUND DISPLAY
AGNE	APOLLO GUIDANCE AND NAVIGATION EQUIPMENT (MITT)
AGNIS	APOLLO GUIDANCE AND NAVIGATION INDUSTRIAL SUPPORT
AGS	ABORT GUIDANCE SYSTEM
AGS	AEROSPACE GROUND SUPPORT
AH	ATTITUDE HOLD

AIAA	AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS
AIC	ANALOG INPUT COMMUTATOR
AICBM	ANTI-INTERCONTINENTAL BALLISTIC MISSILE
AIC DELTA	INCREMENT OF COMMAND ANGLE
AIDTP	APOLLO INTEGRATED DEVELOPMENT TEST PLAN
AIG	INNER GIMBAL ANGLE (SEE IGA)
AII	APOLLO IMPLEMENTING INSTRUCTIONS /NAA, S+ID/
AIR	AIRESEARCH MFG COMPANY
AIRCOM	AEROSPACE COMMUNICATION COMPLEX
AIRCOMNET	AIR COMMUNICATIONS NETWORK
AIROFNET	AIR OPERATIONS NETWORK
AIS	ASCENSION ISLAND STATION (WDL)
AIW	ATLANTIC INJECTION WINDOW
AL	APOLUNE
ALDC	AUTO LOAD AND DRIVE CONTROL
ALEMS	APOLLO LEM SENSORS
ALFA	AIR-LUBRICATED FREE ATTITUDE
ALIAS	ALGEBRAIC LOGIC INVESTIGATION OF THE APOLLO SYSTEM
ALLM	APOLLO LUNAR LANDING MODULE
ALSEP	APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE
ALSS	APOLLO LOGISTIC SUPPORT SYSTEM
AM	AMPLITUDE MODULATION
AMAL	AVIATION MEDICAL ACCELERATION LABORATORY
AMC	AIR MATERIEL COMMAND (USAF) (SEE AFLC)
AME	ANGLE-MEASURING EQUIPMENT
AMG	MIDDLE GIMBAL ANGLE
AMMP	ADVANCED MANNED MISSIONS PROGRAM
AMN	ADVANCE MATERIAL NOTICE
AMOO	AEROSPACE MEDICAL OPERATIONS OFFICE
AMP	AUTOMATIC MISSION PROGRAMMER
AMPS	AUTOMATIC MESSAGE PROCESSING SYSTEM (IBM)
AMPTF	APOLLO MISSION PLANNING TASK FORCE
AMR	ALTITUDE MARKING RADAR
AMR	ATLANTIC MISSILE RANGE (SEE AFETER)
AMS	ACOUSTIC MEASUREMENT SYSTEM
AMS	APOLLO MISSION SIMULATOR
AMRO	ATLANTIC MISSILE RANGE OPERATIONS
AMS	AUTHORITY FOR MATERIAL SUBSTITUTION
AMW	ANGULAR MOMENTUM WHEEL
AMX	AMPLITUDE MODULATION-TRANSMITTER RECEIVER
ANNA	ARMY-NAVY-NASA-AIR FORCE SATELLITE
ANO	ALPHA-NUMERIC OUTPUT MODULE
ANT	ANTIGUA ISLAND
ANWG	APOLLO NAVIGATION WORKING GROUP
AOA	ANGLE OF ATTACK
AOC DELTA	INCREMENT OF COMMAND ANGLE
AOD	APOLLO OPERATIONS DIRECTOR
AOG	OUTER GIMBAL ANGLE
AOH	APOLLO OPERATION'S HANDBOOK
AOMC	ARMY ORDNANCE MISSILE COMMAND
AOS	ACQUISITION OF SIGNAL
AOT	ALIGNMENT OPTICAL TELESCOPE
AP	AUTO PILOT
AP	AUTOMATION PLANE OR ACCELEROMETER PACKAGE
APA	ABORT PROGRAMMER ASSEMBLY
APATS	AUTOMATIC PROGRAMMER AND TEST SYSTEM
APC	AUTOMATIC PHASE CONTROL

APCHE	AUTOMATIC PROGRAMMED CHECKOUT EQUIPMENT
APD	ADAPTER POSITIONING DEVICE
APD	APOLLO PROGRAM DIRECTOR
APG	ABERDEEN PROVING GROUND (MARYLAND)
APG	AIR PROVING GROUND (ELGIN AFB, FLORIDA)
API	ALIGNMENT PROCEDURES INDICATOR
APK	ACCELEROMETER PACKAGE
APLSS	AUXILIARY PORTABLE LIFE SUPPORT SYSTEM
APO	APOLLO PROCUREMENT OFFICE
APO	APOLLO PROGRAM OFFICE
APO	APOLLO PROJECT OFFICE
APOTA	AUTOMATIC POSITIONING TELEMETERING ANTENNA
APR	ADVANCE PARTS RELEASE
APR	ANTICIPATED PERSONNEL REQUIREMENTS
APS	ACCESSORY POWER SYSTEM
APS	ASCENT PRESSURIZATION SYSTEM
APS	ASCENT PROPULSION SYSTEM
APS	AUXILIARY PROPULSION SYSTEM
APT	AUTOMATIC PICTURE TRANSMISSION (TIROS)
APTS	AUTOMATIC PICTURE TRANSMISSION SUBSYSTEM
APTT	APOLLO PART TASK TRAINER (NAA)
APU	AUXIL POWER UNIT OR AUXIL PROPULSION UNIT
AQAID	ACQUISITION AID
AQL	ACCEPTABLE QUALITY LEVEL
AR	ACQUISITION AND RECEIVE
ARA	ATTITUDE REFERENCE ASSEMBLY
ARA	AUXILIARY RECOVERY ANTENNA
ARC	AMES RESEARCH CENTER
ARC	ATTITUDE REFERENCE COMPUTER
ARD	APOLLO REQUIREMENTS DOCUMENT
ARDC	AIR RESEARCH AND DEVELOPMENT COMMAND
ARGMA	ARMY ROCKET AND GUIDED MISSILE AGENCY
ARIP	AUTOMATIC ROCKET IMPACT PREDICTOR (USA)
ARIS	ADVANCE RANGE INSTRUMENTATION SHIP (FORMERLY MARS)
ARL	ACCEPTABLE RELIABILITY LEVEL
ARPA	ADVANCE RESEARCH PROJECTS AGENCY WASHINGTON DC
ARQ	TELETYPE ERROR CONTROL SYSTEM, AUTOMATIC REQUEST
ARRSG	ALTITUDE AND RENDEZVOUS RADAR STIMULUS GENERATOR
ARS	AIR RESCUE SERVICE
ARS	ALTIMETER AND RENDEZVOUS SENSOR
ARS	ATMOSPHERE REVITALIZATION SECTION
ARS	ATTITUDE REFERENCE SYSTEM
ARTOC	ARMY TACTICAL OPERATIONS CONTROL
AS	AEROSPACE CORPORATION (EL SEGUNDO, CALIFORNIA)
AS	APOLLO-SATURN
AS	ASCENT STAGE (LEM)
AS/GPD	ATTITUDE SET AND GIMBAL POSITION DISPLAY
ASA	ABORT SENSOR ASSEMBLY
ASC	ASCENSION ISLAND
ASCO	AUTOMATIC SUSTAINER CUT OFF, AUXILIARY SCO
ASCS	AUTOMATIC STABILIZATION AND CONTROL SYSTEM
ASD	APOLLO STANDARD DETONATOR
ASDE	AIRPORT SURFACE DETECTION EQUIPMENT (TAXI RADAR)
ASDE	ANTENNA SLAVE DATA EQUIPMENT
ASFTS	AUXILIARY SYSTEMS FUNCTION TEST STAND
ASI	APOLLO STANDARD INITIATOR
ASI	AUGMENTED SYSTEM IGNITION

ASIS	ABORT SENSING AND IMPLEMENTATION SYSTEM, (ATLAS)
ASK	AMPLITUDE SHIFT KEYING
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASO	ALTERNATE SEQUENCE OF OPERATIONS
ASO	APOLLO SUPPORT OFFICE
ASP	APOLLO SPACECRAFT PROGRAM
ASPO	APOLLO SPACECRAFT PROGRAM OFFICE OR PROTECT OFFICE
ASPR	ARMED SERVICES PROCUREMENT REGULATIONS
ASR	APOLLO STOCK REQUISITION
ASR	AUTOMATIC SEND-RECEIVE UNITS (TTY MODEM)
ASSB	APOLLO SITE SELECTION BOARD
AST	APOLLO SYSTEMS TRAINER
ASTIA	ARMED SERVICES TECHNICAL INFORMATION AGENCY (ARLINGTON, VA.)
AT	ACCEPTANCE TEST
ATA	ASSEMBLY AND TEST AREA
ATCA	ATTITUDE AND TRANSLATION CONTROL ASSEMBLY
ATCE	ABLATIVE THRUST CHAMBER ENGINE
ATCE	ATTITUDE AND TRANSLATION CONTROL ELECTRONICS
ATCU	ATTITUDE TRANSLATION AND CONTROL UNIT
ATDWG	APOLLO TEST DATA WORKING GROUP
ATL	ADVANCED TECHNOLOGY LABORATORIES
ATO	APOLLO TEST AND OPERATIONS
ATP	ACCEPTANCE TEST PACKAGE
ATP	ACCEPTANCE TEST PROCEDURE
ATP	APOLLO TEST PROCEDURE
ATR	ACTIVATION TASK REQUEST
ATR	APOLLO TEST REQUEST, ACTIVATION TASK REQUEST
ATR	APOLLO TEST REQUIREMENT
ATR	ATLANTIC TRACKING RANGE
ATS	ANGLE TRACKING SENSOR
ATS	ATLANTIC TEST SITE
ATS	ATLANTIC TRACKING SHIP
ATSE	ANGLE TRACKING SENSOR EQUIPMENT
ATTS	AUTOMATIC TELEMETRY TRACKING SYSTEMS
ATW	AEROSPACE TEST WING
AU	ASTRONOMICAL UNIT
AVC	AUTOMATIC VOLUME CONTROL
AVE	AEROSPACE VEHICLE EQUIPMENT
AVR	AUTOMATIC VOLTAGE REGULATOR
AVSE	ASSISTANT VEHICLE SYSTEMS ENGINEER
AWG	AMERICAN WIRE GAGE
A-X	ALTERNATE TRANSMITTER UNITS
AZUSA	ELECTRONIC TRACKING COMPLEX + VECTORING SYS (RADAR AT CAPE)
BAC	BEECH AIRCRAFT CO
BAC	BELL AEROSPACE CORP
BCD	BINARY CODED DECIMAL
BCI	BATTERY CONDITION INDICATOR (FUEL CELL)
BCRT	BINARY CODE RANGE TIME
BDA	BERMUDA
BECO	BOOSTER ENGINE CUTOFF
BEPP	BEST ESTIMATE OF PROPULSION
BER	BIT ERROR RATE
B/F	BUFFER/FORMATTER
BFO	SEAT FREQUENCY OSCILLATOR
BGS	BACK-UP GUIDANCE SYSTEM
B/H	BLOCK HOUSE
BHN	BRINNELL HARDNESS NUMBER

BIOS	BIOLOGICAL SATELLITE
BIT	BUILT-IN TEST (INTEGRAL TO THE PARENT EQUIPMENT)
BL	BONDLINE
B/M	BENCH MAINTENANCE
B/M	BILL OF MATERIAL
B/M	BUFFER/MULTIPLEXER
BMAG	BODY-MOUNTED ATTITUDE GYRO
BME	BENCH MAINTENANCE EQUIPMENT
BMEWS	BALLISTIC MISSILE EARLY WARNING SYSTEM
BMG	BODY MOUNTED GYRO
BMTE	BENCH MAINTENANCE TEST EQUIPMENT
BOA	BROAD OCEAN AREA
BOD	BENEFICIAL OCCUPANCY DATE
BOSS	BIO-ASTRONAUTIC ORBITING SPACE STATION
BP	BLOOD PRESSURE
BP	BOILER PLATE
BPC	BOOST PROTECTIVE COVER
BPF	BAND PASS FILTER
BPS	BITS PER SECOND
BRL	BALLISTIC RESEARCH LABORATORIES
BRN	BROWN-ROOT-NORTHROP COMPANY
BSD	BALLISTIC SYSTEM DIVISION (AIR FORCE)
BST	BRIEF SYSTEM TEST
BTC	BOOSTER TEST CONDUCTOR
BTE	BENCH TEST EQUIPMENT
BTL	BELL TELEPHONE LABORATORIES
BTM	BOOSTER TELEMETRY MONITOR
BTU	BRITISH THERMAL UNIT
BU	BACK-UP
BUGS	BACK-UP GUIDANCE SYSTEM
BW	BAND WIDTH
BWO	BACKWARD-WAVE OSCILLATOR
CA	CABLE ASSEMBLY
CA	CORRECTIVE ACTION
CADD	COMPUTATION AND DATA DIVISION
CADDAC	CENTRAL ANALOGUE DATA DISTRIBUTING SYSTEM
CADFISS	COMPUTATION AND DATA FLOW INTEGRATED SUBSYSTEM
CADPO	COMMUNICATIONS AND DATA PROCESSING OFFICE
CAM	CIVIL AERONAUTICS MANUAL
CAM	COMPUTER ADDRESS MATRIX
CAN	CERTIFICATION ANALYSIS NETWORK
CAPCOM	CAPSULE COMMUNICATOR
CAPRI	CODED ADDRESS PRIVATE RADIO INTERCOM
CAR	CORRECTIVE ACTION REPORT
CARR	CUSTOMER ACCEPTANCE READINESS REVIEW
CASTS	COUNTDOWN AND STATUS TRANSMISSION SYSTEM
CASY	COMPUTER ACQUISITION SYSTEM
CAT	COMPUTER OF AVERAGE TRANSIENTS
CB	CENTER OF BUOYANCY
CB	CIRCUIT BREAKER
CBA	C-BAND TRANSPONDER ANTENNA
C-BAND	RADAR FREQUENCY RANGE (3.9-6.2 KMC)
CBC	COMPLETE BLOOD COUNT
CBT	COMMAND BUFFER TRANSMITTER
CBX	C-BAND TRANSPONDER
CC	CAPSULE COMMUNICATOR
CC	CARRIER CHANNEL



CC	COMMAND CENTER
CC	COMMAND COMMUNICATOR
CC	COMMUNICATION CONTROL
CC	CONTROL COMPUTER
CC	CONTROL CENTER
CC	COST CONTROL
CC	CUBIC CENTIMETERS
CCA	CONTRACT CHANGE AUTHORIZATION
CCA	CONTROL COUPLER ASSEMBLY
CCATS	COMMAND COMMUNICATIONS AND TELEMETRY SYSTEM
CCB	CHANGE CONTROL BOARD -MIT
CCB	CONFIGURATION CONTROL BOARD
CCBD	CONFIGURATION CONTROL BOARD DIRECTIVE
CCC	COMMAND CONTROL CONSOLE
CCC	COORDINATE CONVERSION COMPUTER
CCD	CENTRAL COMMAND DECODER
CCF	CONVERTER COMPRESSOR FACILITY
CCIT	INTERNATIONAL CONSULTATIVE COMMITTEE ON TELEGRAPHY TELEPHONY
CCMR	COUNTDOWN CHECKOUT MAINTENANCE AND REPAIR
CCN	CONTRACT CHANGE NOTICE
CCO	CONTRACT CHANGE ORDER
CCO	CRYSTAL CONTROLLED OSCILLATOR
CCP	CONFIGURATION CONTROL PANEL
CCP	CONTRACT CHANGE PROPOSAL
CCPM	CARD CONTROLLED PREVENTIVE MAINTENANCE
CCR	CONFIGURATION CHANGE RECORD
CCR	CONFIGURATION CONTROL RECORD
CC+S	CENTRAL COMPUTER AND SEQUENCER
CCS	CHANGE CONTROL SYSTEM
CCS	COMPUTER CONTROLLER SUBSYSTEM
CCS	CONSOLE COMMUNICATIONS SYSTEMS
CCSD	CHRYSLER CORP SPACE DIVISION
CCTV	CLOSED CIRCUIT TELEVISION
CCU	CAMERA CONTROL UNIT
CCU	COMMUNICATION CONTROL UNIT
CCW	COUNTERCLOCKWISE
CDB	CURRENT DATA BIT
CDC	COMMAND AND DATA HANDLING CONSOLE
CDC	COMPUTER DEVELOPMENT CENTER
CDC	CONFINED DETONATING CHARGE
CDC	CONTROL DATA CORP
CDC	CONTROL AND DISPLAY CONSOLE
CDCO	CONTROL DISPLAY COUPLING UNIT OPTICS (NAA)
CDCU	COMMUNICATION DIGITAL CONTROL UNIT
CDDT	COUNTDOWN DEMONSTRATION TEST
CDH	CONSTANT DELTA HEIGHT
CDP	CABIN DISPLAY PANELS
CDP	CENTRAL DATA PROCESSOR
CDR	COMMAND DESTRUCT RECEIVER
CDR	CONFIGURATION DESIGN REVIEW
CDR	CRITICAL DESIGN REVIEW
CDRC	COMPUTATION AND DATA REDUCTION CENTER
CDRS	COMPUTER DATA RECORDING SYSTEM
CDS	CONTROLS AND DISPLAYS SUBSYSTEM
CDU	CONTROL DATA UNIT
CDU	COUPLING DATA UNIT
CDU	COUPLING DISPLAY UNIT

CDUM	COUPLING DISPLAY UNIT IMU(NAA)
CDUO	COUPLING DISPLAY UNIT OPTICS(NAA)
CE	CIRCULAR ERROR
C/E	COMMUNICATIONS/ELECTRONICS
CEB	CONTRACT ENGINEER BRANCH
CED	CHECK OUT ENGINEERING DIVISION
CEI	CONTRACTOR END ITEM
CEIPA	COMMUNICATIONS ELECTRONICS IMPLEMENTATION PLAN AMENDMENT
CEP	CIRCULAR ERROR OF PROBABILITY
CEP	COMPUTED EPHEMERIS POSITION
CES	CONTROL ELECTRONICS SYSTEM
CES	CREW ESCAPE SYSTEM
CES	CREW EQUIPMENT SYSTEM(NAA)
CET	CAPSULE ELAPSED TIME - CRITICAL ENVIRONMENTAL TESTS
CETEX	COMMITTEE ON CONTAMINATION BY EXTRATERRESTRIAL
CFD	CUMULATIVE FREQUENCY DISTRIBUTION
CFDN	CRYOGENIC FLUID DISTRIBUTION NETWORK
CFE	CONTRACTOR FURNISHED EQUIPMENT
CFM	CUBIC FEET PER MINUTE
CFP	CONTRACTOR FURNISHED PROPERTY
CFTF	COLD FLOW TEST FACILITY
c.g	CENTER OF GRAVITY
CGSS	CRYOGENIC GAS STORAGE SYSTEM
CHBAB	COMMITTEE ON HEARING, BIOACOUSTICS & BIOMECHANICS
CHE	CABIN HEAT EXCHANGER
CICC	CENTRAL INFORMATION CONTROL CENTER
CIF	CENTRAL INFORMATION FACILITY
CIMU	COMPONENT INTEGRATION MOCK-UP
CIS	CHRISTMAS ISLAND STATION (WOL)
CIS	COMMUNICATION AND INSTRUMENTATION SYSTEM
CITE	CONTROLLER INTEGRATED TEST EQUIPMENT
C/L	CENTER LINE
CL	CLOSED-LOOP
CLC	CONVERSION AND LIMIT CHECK MODULE (TLM)
CLMT	CLOSED LOOP MANEUVER TABLE
CLT	COMMUNICATION LINE TERMINATION OR TERMINAL
CM	CENTER OF MASS
CM	COMMAND MODULE
CM	CONTRACT MODIFICATION
CMC	COMMAND MODULE COMPUTER
CMO	CONFIGURATION MANAGEMENT OFFICE
CMO	CONTINGENCY MODE OF OPERATION
CM/SM	COMMAND/SERVICE MODULES
CMU	COMPATIBILITY MOCK-UP
CN	CHANGE NOTICE
CN	COMMAND NUMBER
CNI	GRAND CANARY ISLAND (FORMERLY CYI)
CO	CHECKOUT
CO	CUTOFF
COBI	CODED BIPHASE
COMSAT	COMMUNICATIONS SATELLITE
CONUS	CONTINENTAL UNITED STATES
COSPAR	INTERNATIONAL COMMITTEE ON SPACE RESEARCH
CO	CHANGE ORDER
C/O	CHECKOUT
CO	CODER OUTPUT

CO	CONTRACTING OFFICER
CO	CRYSTAL OSCILLATOR
COBRA	COMPATIBLE ON-BOARD RANGING
COED	COMPUTER OPERATED ELECTRONIC DISPLAY
COFW	CERTIFICATION OF FLIGHT WORTHINESS (NAA)
COGS	CONTINUOUS ORBITAL GUIDANCE SYSTEM
COLIDAR	COHERENT LIGHT DETECTION AND RANGING
COMPMPR	COMMANDER PACIFIC MISSILE RANGE
COSAR	COMPRESSION SCANNING ARRAY RADAR (RAYTHEON)
COTAR	CORRELATION TRACKING AND RANGING
CP	CHANGE PROPOSAL, CONTROL PROGRAMMER
CP	CIRCULAR PITCH
CP	CIRCULARLY POLARIZED
CP	COLDPLATE
CP	COMMUNICATIONS PROCESSOR
CP	CONTRDL PROGRAMMER
CP	CREW PROVISIONS
C/P	CARTESIAN-TO-POLAR CONVERTER
CPCU	COMMUTATOR PROGRAMMER CONTROL UNIT
CPDC	COMMAND PROCESSOR DISTRIBUTOR CONTROL
CPDS	COMMAND PROCESSOR DISTRIBUTOR STORAGE
CPE	CONTRACTOR PERFORMANCE EVALUATION
CPFF	COST PLUS FIXED FEE
CPI	CHARACTERS-PER-INCH
CPIF	COST PLUS INCENTIVE FEE
CPM	COMMAND PROCESSOR MODULE (QSF)
CPM	CRITICAL PATH METHOD
CPM	CYCLES PER MINUTE
CPS	COLD PLATE SECTION
CPS	CREW PROVISIONS SUBSYSTEM
CPS	CYCLES PER SECOND
CPSM	CLIPPED PROCESS SPEECH MODULATION
CR	CHANGE RECOMMENDATION
CRA	CHANGE REQUEST AND AUTHORIZATION
CRA	CONTROLLER REQUESTED ANALYSIS
CRC	COLLINS RADIO CORP.
CRF(D)	COMMAND REVIEW AND FORMAT DISPLAY
CRF(M)	CAPSULE REVIEW AND FORMAT MEASUREMENTS
CRITICOM	CRITICAL COMMUNICATIONS (TTY)
CRIU	COMPUTER RECORDER INTERFACE UNIT
CRO	CANARVON, AUSTRALIA (FORMERLY CAR)
CRO	CATHODE RAY OSCILLOSCOPE
CRT	CATHODE RAY TUBE
CRTI	CATHODE RAY TUNING INDICATOR
CS	COMMUNICATION SUBSYSTEM
C/S	COUNTS PER SECOND
CS	CREW SYSTEMS
CSC	CIVIL SERVICE COMMISSION
CSC	COMMUNICATIONS SYSTEMS CENTER
CSC	CONTROL SECTION COUPLER
CSD	COMPUTER SYSTEMS DIRECTOR
CSD	CREW SYSTEMS DIVISION
CSDV	COMBINED SYSTEMS DYNAMIC VERIFICATION (NAA)
CSDV	CONTROL SUBSYSTEM DEVELOPMENT VEHICLE (NAA)
CSI	CONCENTRIC SEQUENCE INITIATION
CSM	COMMAND SERVICE MODULE

CSP	CONTROL SIGNAL PROCESSOR
CSPO	CONTROL SYSTEMS PROCUREMENT OFFICE
CSQ	COASTAL SENTRY QUEBEC (SHIP)
CSR	CHECK STATUS REGISTER /ACE-S/C/
CSR	CONTROL SHIFT REGISTER
CSS	CLOCK SUBSYSTEM
CSS	COMMUNICATION STIMULUS SUBSYSTEM
CSS	CRYOGENIC STORAGE SUPPLY
CSS	CRYOGENIC SUPPLY SYSTEM
CST	COMBINED SYSTEM TEST
CSI	CONCENTRIC SEQUENCE INITIATION
CSTF	CONTROL SYSTEM TEST FACILITY (WSMR)
CSTU	COMBINED SYSTEM TEST UNIT
CSU	COMMAND STIMULI UNIT
CT	COMMAND TRANSMITTER
CTA	CERTIFICATION TEST APPROVAL
CTA	CRYOGENIC TANK ASSEMBLY
CT+DOS	CENTRAL TIMING AND DATA DISTRIBUTION SYSTEM
CTE	CENTRAL TIMING EQUIPMENT (APOLLO)
CTC	CABIN TEMPERATURE CONTROLLER
CTE	CENTRAL TIMING EQUIPMENT
CTL	COMPONENT TEST LABORATORY
CTN	CANTON ISLAND
CTN	CERTIFICATION TEST NETWORK
CTP	COMPUTER TAPE PROCESSOR (RCS AND PROPULSION)
CTR	CERTIFICATION TEST REQUIREMENT
CTS	CENTRAL TIMING SYSTEM
CTS	COUNTDOWN TRANSMISSION SUB-SYSTEM
CTT	CARD-TO-TAPE TAPE
CTU	COMBINED TEST UNIT
CTU	COMPATIBILITY TEST UNIT
CTU	CONTROL AND TEST UNIT
CTV	CONTROL TEST VEHICLE
CUE	COMMAND UPLINK ELECTRONICS
CUE	COMMUNICATIONS UNIT EXECUTOR
CV	CHANCE VOUGHT
CV	CHECK VALVE
CVC	COMMERCIAL VOICE CIRCUITS
CVR	CHANGE VERIFICATION RECORD
C/W	CAUTION AND WARNING
CW	CLOCKWISE
CW	CONTINUOUS WAVE
CWE	CAUTION AND WARNING ELECTRONICS
CWEA	CAUTION AND WARNING ELECTRONICS ASSEMBLY
CWG	CONSTANT WEAR GARMENT
CY	CALENDAR YEAR
CYI	GRAND CANARY ISLAND (OLD, SEE CNI)
DA	DIGITAL TO ANALOG
DA	DISTRIBUTION ASSEMBLY
DA	DOUBLE AMPLITUDE
DAC	DIGITAL TO ANALOG CONVERTER
DAC	DOUGLAS AIRCRAFT CORPORATION
DACAPS	DATA COLLECTION AND PROCESSING SYSTEM (IBM)
DACON	DIGITAL TO ANALOG CONVERTER
DAE	DATA ACQUISITION EQUIPMENT
DA+P	DATA ACQUISITION AND PROCESSING
DARE	DATA AUTOMATIC REDUCTION EQUIPMENT

DARS	DATA ACQUISITION AND RECORDING SYSTEM
DAS	DATA ACQUISITION SYSTEM
DB	DECIBELS
DBM	DECIBEL REFERRED TO 1 MILLIWATT
DBV	DECIBEL REFERRED TO 1 VOLT
DBW	DECIBEL REFERRED TO 1 WATT
DC	DIFFERENTIAL CORRECTION
DC	DIRECT CURRENT
DC	DISPLAYS AND CONTROLS
DCA	DIGITAL COMMAND ASSEMBLY
DCAS	DATA COLLECTION AND ANALYSIS SYSTEM
DCC	DATA COMMUNICATION CHANNEL
DCC	DATA CONTROL CHANNEL
DCC	DESIGN CHANGE CONTROL
DCIB	DATA COMMUNICATION INPUT BUFFER
DCM	DESTRUCT COMMAND
DCN	DRAWING CHANGE NOTICE
DCOS	DATA COMMUNICATION OUTPUT SELECTOR
DCR	DIGITAL CLOCK RECEIVER
DCRF	DRAWING CANCELLATION REPLACEMENT FORM
DCS	DIGITAL COMMAND SYSTEM
DCT	DIGITAL CLOCK TRANSMITTER
DCU	DATA CONTROL UNIT
DCU	DIGITAL CONTROL UNIT
DCU	DISPLAY AND CONTROL UNIT
DCV	DIRECT CURRENT VOLTAGE
DDA	DIGITAL DIFFERENTIAL ANALYZER
DDAS	DIGITAL DATA ACQUISITION SYSTEM
DDB	DIGITAL DISPLAY BOARDS
DDC	DIRECT DATA CHANNEL
DDC	DIRECT DATA CONNECTION
DDP	DIGITAL DATA PROCESSING (ARCAS FOR FPS-16 OF FPO-6)
DDR	DESIGN DRAWING REQUIREMENT
DDR	DIRECT DATA RECEIVE
DDRE	DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING (DOD)
DDT	DIGITAL DATA TRANSCEIVER
DDT	DOPPLER DATA TRANSLATOR
DDTE	DIGITAL DATA TERMINAL EQUIPMENT
DE	DEFLECTION ERROR
DE	DESCENT ENGINE
DECA	DESCENT ENGINE CONTROL ASSEMBLY
DECP	DESCENT ENGINE CUTOFF PROBE
DECS	DATA EXCHANGE COORDINATION SUBPANEL
DEDA	DATA ENTRY AND DISPLAY ASSEMBLY
DEE	DIGITAL EVENTS EVALUATOR (KSC)
DEI	DEVELOPMENT ENGINEERING INSPECTION
DELTA	DETAILED LABOR AND TIME ANALYSIS
DEM	DEVELOPMENT ENGINEERING MODEL (NAA)
DEP	DEFLECTION ERROR PROBABILITY
DEI	DESIGN ENGINEERING INSPECTION
DET	DIGITAL EVENT TIMER
DETP	DESIGN EVALUATION TEST PROGRAM
DEU	DIGITAL EVALUATION UNIT
DEV	DESIGN EVALUATION VEHICLE
DEW	DISTANT EARLY WARNING
DF	DEADFACE

DF	DIRECTION FINDING
DFI	DEVELOPMENT FLIGHT INSTRUMENTATION
DFR	DEADFACE RELAY
DFS	DYNAMIC FLIGHT SIMULATOR
DGS	DATA GROUND STATION
DGU	DISPLAY GENERATOR UNIT
DGZ	DESIRED GROUND ZERO
DIPS	DUAL IMPACT PREDICTION SYSTEM
DIRAM	DIGITAL RANGING MACHINE
DIS	DATA INPUT SUBSYSTEM
DISTRAM	DIGITAL SPACE TRAJECTORY MEASUREMENT SYSTEM
DITMCO	DRIVE-IN THEATER MOVIE COMPANY (CHECKOUT EQUIPMENT)
DITU	DIGITAL INTERFACE TEST UNIT (ACE)
DLT	DESIGN LAB TEST
DMC	DIFFERENTIAL MIDCOURSE CORRECTION
DME	DISTANCE MEASURING EQUIPMENT
DMO	DIGITAL MULTIPLEXER OUTPUT
DMP	DESIRED MEAN POINT OF IMPACT
DMS	DEGREES, MINUTES, SECONDS
DMT	DETAILED MANEUVER TABLE (RENDEZVOUS)
DOD	DEPARTMENT OF DEFENSE
DOETS	DUAL OBJECT ELECTRONIC TRACKING SYSTEM
DOF	DEGREE OF FREEDOM
DOM	DATA OUTPUT MULTIPLEXER
DOPLOC	DOPPLER PHASED LOCK (ARMY)
DOVAP	DOPPLER VELOCITY AND POSITION
DP	DIFFERENTIAL PRESSURE
DP	DIMETRAL PITCH
DP	DOUBLE POLE
DPC	DATA PROCESSING CENTER
DPDM	DIFFERENTIAL PULSE DURATION MODULATION
DPG	DYNAMIC PROGRAM GENERATOR
DPS	DESCENT PROPULSION SYSTEM
DQM	DATA QUALITY MONITOR
D/R	DATA RECEIVER
DR	DECODER RECEIVER
DR	DESIGN REVIEW
DR	DISCREPANCY RECORD
DRB	DATA REVIEW BOARD
DRC	DATA REDUCTION CENTER (MSC)
DRE	DATA REDUCTION EQUIPMENT
DRED	DATA ROUTER AND ERROR DETECTOR
DRM	DESIGN REFERENCE MISSION
DRMCE	DESIGN REFERENCE MISSION CONSUMABLES EXPENDED
DRPF	DATA REDUCTION AND PROCESSING FACILITY
DRS	DOWN RANGE STATIONS OR SHIP
DRSC	DIGITAL RANGE SAFETY COMMAND (KSC)
DRUL	DOWN RANGE UPLINK
DS	DISPLAYS SUBSYSTEM, DESCENT STAGE (LEM)
DSB	DOUBLE SIDE BAND
DSC	DYNAMIC STANDBY COMPUTER
DSCP	DYNAMIC STANDBY COMMUNICATION PROCESSOR
DSE	DATA STORAGE EQUIPMENT
DSEA	DATA STORAGE ELECTRONICS ASSEMBLY (GAEC)
DSF	DESIGN FEASIBILITY TEST
DSIF	DEEP SPACE INSTRUMENTATION FACILITY
DSIS	DEEP SPACE INSTRUMENTATION SYSTEM

DSKY	DISPLAY AND KEYBOARD
DSN	DEEP SPACE NETWORK
DSS	DEEP SPACE STATION
DSU	DATA SELECT UNITS
DT	DEVELOPMENT TEST
DT	DIFFERENTIAL TEMPERATURE
D/T	DUMP TELEMETER
D/TTC	DIGITAL-TO-TELETYPE CONVERTER
DTCS	DIGITAL TEST COMMAND SYSTEM
DTE	DATA TRANSMISSION EQUIPMENT
DTP	DETAILED TEST PLAN
DTP	DEVELOPMENT TEST PROCEDURE (NAA)
DTU	DIGITAL TIMING UNIT
DV	DELTA VELOCITY
DVD	DELTA VELOCITY DISPLAY
DVM	DIGITAL VOLTMETER
DVO	DELTA VELOCITY ON-OFF
DVI	DESIGN VERIFICATION TEST
DVU	DELTA VELOCITY ULLAGE
EA	ERECTABLE ANTENNA
EAFB	EDWARDS AIR FORCE BASE
EAR	ENGINEERING ANALYSIS REPORT
EAR	ENGINEERING ACTION REQUEST
EBW	EXPLODING BRIDGE WIRE
EC	ENGINEERING CHANGE
ECA	ELECTRONIC CONTROL ASSEMBLY
ECAD	ELECTRONIC CONTROL ASSEMBLY DISPLAY
ECAP	ELECTRONIC CONTROL ASSEMBLY PITCH
ECAR	ELECTRONIC CONTROL ASSEMBLY ROLL
ECAT	ELECTRONIC CONTROL ASSEMBLY THRUST
ECAX	ELECTRONIC CONTROL ASSEMBLY AUXILIARY
ECAY	ELECTRONIC CONTROL ASSEMBLY YAW
ECD	ENTRY CORRIDOR DISPLAY
ECD	ESTIMATED COMPLETION DATE
ECDU	ELECTRONIC COUPLING DISPLAY UNIT
ECG	ELECTROCARDIOGRAM
ECM	ELECTRONIC COUNTER MEASURES
ECN	ENGINEERING CHANGE NOTICE
ECO	ENGINEERING CHANGE ORDER
ECP	ENGINEERING CHANGE PROPOSAL
ECPY	ELECTRONIC CONTROL ASSEMBLY PITCH YAW
ECS	ENVIRONMENTAL CONTROL SUBSYSTEM
ECTRC	ELAPSED CAPSULE TIME FOR RETROFIRE (COMPUTER)
ECTRS	ELAPSED CAPSULE TIME FOR RETROFIRE (CAPSULE CLOCK)
ECU	ELECTRICAL CONVERSION UNIT
ECU	ENVIRONMENTAL CONTROL UNIT
EDDF	ERROR DETECTION-DECISION FEEDBACK
EDL	ENGINEERING DEVELOPMENT LABORATORY
EDM	ELECTRICAL DISCHARGE MACHINING
EDP	ELECTRONIC DATA PROCESSING
EDPM	ELECTRONIC DATA PROCESSING MACHINE
EDR	EQUIVALENT DIRECT RADIATION
EDS	EMERGENCY DETECTION SYSTEM
EECS	EARTH ENVIRONMENT COMPENSATION SYSTEM
EED	ELECTRONIC EXPLOSIVE DEVICE
EEG	ELECTROENCEPHALOGRAM
EEG	ELECTROENCEPHALOGRAPH, ELECTROENCEPHALOGRAPHY,

E EI	ELECTRICAL ELECTRONIC INTERFERENCE
E EM	EARTH ENTRY MODULE
E EM	EXTERNAL ENVIRONMENT MONITORING
E ET	END TO END TEST
E ET	EQUIVALENT EXPOSURE TIME
E FL	EFFECTIVE FOCAL LENGTH
E FRC	EDWARDS FLIGHT RESEARCH CENTER
E FSSS	ENGINE FAILURE SENSING AND SHUTDOWN SYSTEM
E GADS	ELECTRONIC GROUND ARM DESTRUCT SYSTEM
E GT	ELAPSED GROUND TIME (SEE GMT)
E GT	ESTIMATED GROUND TIME
E GT	EXHAUST SAS TEMPERATURE
E GTR	EGLIN GULF TEST RANGE (EGLIN AFB FLA)
E HF	EXTREMELY HIGH FREQUENCY (30GC TO 300GC)
E IA	ELECTRONIC INDUSTRIES ASSOCIATION
E IAT	END ITEM ACCEPTANCE TEST
E JS	ENGINEERING JOB SHEET
E KG	ELECTROCARDIOGRAM
E L	ELECTRO LUMINESCENCE
E LINT	ELECTROMAGNETIC INTELLIGENCE
E LS	EARTH LANDING SUBSYSTEM
E LSC	EARTH LANDING SEQUENCE CONTROLLER
E LSSE	ELECTRONIC SKY SCREEN EQUIPMENT (TELEMETRY FACILITY)
E /M	ESCAPE MOTOR
E M	ENGINEERING MODEL
E M	EXPERIMENTAL MODEL
E MD	ENTRY MONITOR DISPLAY
E MF	ELECTROMOTIVE FORCE
E MG	ELECTROMYOGRAPH
E MI	ELECTROMAGNETIC INTERFERENCE
E MP	ELECTROMAGNETIC PULSE
E MQ	ENGINEERING MODEL QUALIFICATION
E MR	ELECTRO MECHANICAL RESEARCH
E MR	ENGINE MIXTURE RATIO
E MR	ENGINEERING MALFUNCTION REPORT
E MRC	ENGINE MIXTURE RATIO CHANGE
E MS	ENTRY MONITOR SUBSYSTEM (NAA)
E MTE	ELECTROMAGNETIC TEST ENVIRONMENT
E MU	EXTRAVEHICULAR MOBILITY UNIT
E NI	EQUIVALENT NOISE INPUT
E NT	EQUIVALENT NOISE TEMPERATURE
E O	EARTH ORBIT
E O	ENGINEERING ORDER
E OB	END OF BLOCK
E OG	ELECTRO-OCULOGRAM
E OM	END OF MESSAGE
E OR	EARTH ORBITAL RENDEZVOUS
E OS	EMERGENCY OXYGEN SUPPLY
E OW	END OF WORD
E PO	EARTH PARKING ORBIT
E POC	EARTH PARKING ORBIT COAST
E POI	EARTH PARKING ORBIT INSERTION
E POI	EQUAL PERIOD ORBIT INJECTION
E PS	ELECTRICAL POWER SUBSYSTEM
E PSTF	ELECTRICAL POWER SYSTEM TEST FACILITY
E PT	ENVIRONMENTAL PROOF TEST
E RA	ELECTRONIC REPLACEABLE ASSEMBLY



ERD	EQUIVALENT RESIDUAL DOSAGE
ERG	ELECTRORETINOGRAPH
ERM	EARTH RETURN MODULE
ERM	ELECTROMAGNETIC RADIATION SYSTEM MONITOR
ERP	EYE REFERENCE POINT
ERS	ELECTROMAGNETIC RADIATION SURVEILLANCE SYSTEM
ERU	EARTH RATE UNIT
ESA	EXPLOSIVE SAFE AREA
ESB	ELECTRIC STORAGE BATTERY
ESC	ENGINE START COMMAND
ES/CT	ELAPSED SPACECRAFT TIME
ESD	ELECTRONICS SYSTEM DIVISION (ROAMA)
ESE	ELECTRICAL SUPPORT EQUIPMENT
ESI	ELECTRONICS SYSTEMS INTEGRATION
ESL	ELECTRONICS STANDARDS LABORATORY
ESM	EDIBLE STRUCTURAL MATERIAL
EST	EASTERN STANDARD TIME
ESMU	ELECTRONIC SYSTEMS MOCK-UP
ESPAR	ELECTRONICALLY STEERABLE PHASED ARRAY RADAR (SPADATS)
ESR	ERYTHROCYTE SEDIMENTATION RATE
ESTF	ELECTRONIC SYSTEMS TEST FACILITY
ESTRC	ELAPSED SPACECRAFT TIME OF RETROFIRE COMPUTED
ESV	EARTH SATELLITE VEHICLE
ET	ELAPSED TIME
ET	ENCODER TRANSMITTER
ET	ESCAPE TOWER
ETA	ESTIMATED TIME OF ACQUISITION
ETA	ESTIMATED TIME OF ARRIVAL
ETIC	ESTIMATED TIME IN COMMISSION
ETM	ELECTRONIC TEST MODEL
ETMWG	ELECTRONIC TRAJECTORY MEASUREMENTS WORKING GROUP (IRIG)
ETOC	ESTIMATED TIME OF CORRECTION
ETR	EASTERN TEST RANGE
ETT	ESTIMATED TIME OF TRACK
ETW	ERROR TIME WORDS
EV	EXTRA-VEHICULAR
EVA	EXTRA-VEHICULAR ACTIVITY
EVA	EXTRA-VEHICULAR VISOR ASSEMBLY
EVA	EXTRA-VEHICULAR ASTRONAUT
EVC	EQUIVALENT VOICE CIRCUIT
EVC	EXTRA-VEHICULAR COMMUNICATIONS
EVCT	EXTRA-VEHICULAR CREW TRANSFER
EVDE	EXTERNAL VISUAL DISPLAY EQUIPMENT
EVSS	EXTRA-VEHICULAR SPACE SUIT
EVSTC	EXTRA-VEHICULAR SUIT TELEMETRY AND COMMUNICATIONS
EVID	EXTRA-VEHICULAR TRANSFER DEVICE
EXTRADOP	EXTENDED RANGE DOPPLER VELOCITY AND POSITION
FA	FAILURE ANALYSIS
FAA	FEDERAL AVIATION AGENCY
FACI	FIRST ARTICLE CONFIGURATION INSPECTION
FACT	FLEXIBLE AUTOMATIC CIRCUIT TESTER
FACT	FLIGHT ACCEPTANCE COMPOSITE TEST
FAD	FIRST ARTICLE DEMONSTRATIONS
FAE	FINAL APPROACH EQUIPMENT
FAIR	FABRICATION ASSEMBLY AND INSPECTION RECORD
FAR	FAILURE ANALYSIS REPORT
FARADAY	FAILURE RATE DATA EXCHANGE PROGRAM

FATS	FLIGHT ATTITUDE TABLE SYSTEM
FC	FERRITE CORE
FC	FLIGHT CONTROLLER
FC	FUEL CELL
FCA	FREQUENCY CONTROL AND ANALYSIS
FCA	FUEL CELL ASSEMBLY
FCDAR	FLIGHT CONTROL DATA ACQUISITION REQUIREMENTS
FCH	FLIGHT CONTROLLERS HANDBOOK
FCI	FLIGHT CONTROLS INTEGRATION
FCOD	FLIGHT CREW OPERATIONS DIVISION
FCOV	FACILITY CHECKOUT VEHICLE
FCS	FLIGHT CONTROLS SUBSYSTEM
FCSD	FLIGHT CREW SUPPORT DIVISION
FCSG	FLIGHT CONTROL SENSOR GROUP
FCSM	FLIGHT COMBUSTION STABILITY MONITOR
FCT	FLIGHT CREW TRAINER
FCT	FLOW CONTROL THERMOSTAT
FCTS	FLIGHT CREW TRAINER SIMULATOR
FD	FLIGHT DIRECTOR
FDAI	FLIGHT DIRECTOR ATTITUDE INDICATOR
FDI	FLIGHT DIRECTOR INSTRUMENT
FDME	FIRING DATA MULTIPLEXING EQUIPMENT
FDO	FLIGHT DYNAMICS OFFICER
FDP	FLIGHT DEVELOPMENT PROGRAM
FDRI	FLIGHT DIRECTOR RATE INDICATOR
FDS	FLUID DISTRIBUTION SYSTEM
FDSS	FLIGHT DYNAMICS SUPPORT STAFF
FDT	FULL DUPLEX TELETYPE CIRCUIT
FEA	FAILURE EFFECT ANALYSIS
FEB	FORWARD EQUIPMENT BAY
FEMA	FAILURE EFFECTS MODE ANALYSIS
FEP	FLIGHT EVALUATION PANEL
FF	FLORIDA FACILITY
FHS	FORWARD HEAT SHIELD
FIDO	FLIGHT DYNAMICS OFFICER
FIT	FABRICATION INTEGRATION AND TEST
FIT	FAULT ISOLATION TESTS
FITH	FIRE IN THE HOLE
FLAC	FLORIDA AUTOMATIC COMPUTER
FLC	FLIGHT LINE CAMERA
FLCU	FUEL LOADING CONTROL UNIT
FLSC	FLEXIBLE LINEAR SHAPED CHARGE
FM	FLIGHT MODEL
FM	FREQUENCY MODULATION
F/M	THRUST/MASS
FM/CW	FREQUENCY MODULATED CONTINUOUS WAVE
FMEA	FAILURE MODES AND EFFECTS ANALYSIS
FMES	FULL MISSION ENGINEERING SIMULATOR
FMIC	FREQUENCY MONITORING AND INTERFERENCE CONTROL
FMS	FREQUENCY MEASUREMENT SET
FMX	FM TRANSMITTER
FO	FIELD OFFICE
FO	FLORIDA OPERATIONS
F/O	FUEL TO OXIDIZER RATIO
FOD	FLIGHT OPERATIONS DIVISION
FORTAN	FORMULA TRANSLATION

FOV	FIELD OF VIEW
FP	FLAME PROTECTION
FP	FREEZING POINT
FPAR	FAILED PART ANALYSIS REPORT
FPIS	FORWARD PROPAGATION IONOSPHERIC SCATTER TRANSCEIVERS
FPQ	FIXED, GROUND, SPECIAL PURPOSE (RADAR)
FPR	FLIGHT PERFORMANCE RESERVE
FQ	FLIGHT QUALIFICATION
FQR	FLIGHT QUALIFICATION RECORDER
FQTR	FLIGHT QUALIFICATION TAPE RECORDER
FRACAS	FAILURE REPORTING ANALYSIS AND CORRECTIVE ACTION SYSTEM
FRC	FLIGHT RESEARCH CENTER
FRDIS	FLIGHT RESEARCH AND DEV INSTR SYSTEM
FRF	FLIGHT READINESS FIRING
FRR	FLIGHT READINESS REVIEW
FRT	FLIGHT READINESS TEST
FS	FLIGHT SIMULATOR
FSC	FREQUENCY SHIFT CARRIER
FSE	FACTORY SUPPORT EQUIPMENT
FSE	FIELD SUPPORT EQUIPMENT
FSECO	FIRST STAGE ENGINE CUTOFF
FSF	FLIGHT SEQUENCE FIRING
FSK	FREQUENCY SHIFT KEYED
FSN	FEDERAL STOCK NUMBER
FSRB	FLIGHT SAFETY REVIEW BOARD
FSS	FIRST STAGE SEPARATION
FSTV	FULL SCALE TEST VEHICLE
FT	FAILURE TEST
FT	FUNCTIONAL TEST
FTA	FLIGHT TEST ARTICLE
FTA	FLIGHT TEST ASSISTANT
FTCU	FUEL TRANSFER AND CONDITIONING UNIT
FTM	FLIGHT TEST MANNED, FINAL TEST METHOD
FTM	FLIGHT TEST MODULE
FTP	FUNCTIONAL TEST PROCEDURE, FIELD TEST PROCEDURE
FTS	FUNCTIONAL TEST SPECIFICATION
FTU	FLIGHT TEST UNMANNED
FVV	FACILITIES VERIFICATION VEHICLE (NAA)
FY	FISCAL YEAR
g	GRAVITATIONAL CONSTANT
G	GRAVITATIONAL UNIT OF FORCE
G/A	GROUND-AIR
GAC	GEMINI-APOLLO COMPILER
GAEC	GRUMMAN AIRCRAFT ENGINEERING CORP.
G/A/G	GROUND-AIR-GROUND
GAPL	GROUND ASSEMBLY PARTS LIST
GASTA	GIMBAL ANGLE SEQUENCING TRANSFORMATION ASSEMBLY
GAT	GREENWICH APPARENT TIME
GAT	GROUND-TO-AIR TRANSMITTER
GATP	GROUND ARTICLE TEST PROCEDURE
GATV	GEMINI AGENA TARGET VEHICLE
GBI	GRAND BAHAMA ISLAND
GBR	RADIO STATION RUGBY, ENGLAND
GC	GIGACYCLES (10 TO THE POWER OF 9 CYCLES/SEC)
GC	GIMBAL CASE
GC	GUIDANCE AND CONTROL
GCA	GROUND CONTROL APPROACH

GCA	GUIDANCE COUPLER ASSEMBLY
GCC	GEMINI CONTROL CENTER (NASA) GROUND COMMAND CONTROLLER
GCC	GLOBAL CONTROL CENTER (IBM)
GCD	MANEUVER GROUND COVERAGE DISPLAY
GCI	GEMINI CONFIGURATION INDEX
GCI	GROUND CONTROL INTERCEPTION
GCS	GUIDANCE AND CONTROL SYSTEM
GCTS	GROUND COMMUNICATIONS TRACKING SYSTEMS
GCU	GUIDANCE COUPLER UNIT OR GYRO COUPLING UNIT
GDA	GENERAL DYNAMICS ASTRONAUTICS
GDA	GIMBAL DRIVE ACTUATOR
GDAA	GIMBAL DRIVE ACTUATOR ASSEMBLY
GDC	GROUND DIGITAL CONTROL
GDC	GYRO DISPLAY COUPLER
GDF	GAS DYNAMICS FACILITY
GDMT	GEMINI DETAILED MANEUVER TABLE
GDOP	GEOMETRIC DILUTION OF PRECISION
GE	GENERAL ELECTRIC COMPANY
GECS	GIMBALED ENGINE CONTROL SYSTEM
GEEIA	GROUND ELECTRONICS ENGINEERING INSTALLATION AGENCY
g.e.t.	GROUND ELAPSED TIME
GETS	GIMBALED ENGINE TRIM SYSTEM
GETS	GROUND-ELAPSED-TIME SYNCHRONIZATION
GETS	GROUND EQUIPMENT TEST SET
GFAE	GOVERNMENT FURNISHED AEROSPACE EQUIPMENT
GFCV	GOX FLOW CONTROL VALVE
GFE	GOVERNMENT FURNISHED EQUIPMENT
GFP	GOVERNMENT
GGC	GEOCENTRIC GRAVITATIONAL CONSTANT
GGCS	GENERALIZED GUIDANCE AND CONTROL SYSTEM
GHA	GREENWICH HOUR ANGLE
GIA	GOVERNMENT INSPECTION AGENCIES
GICS	GLOBAL INSTRUMENTATION CONTROL SYSTEM (IBM)
GICS	GROUND INSTRUMENTATION AND COMMUNICATION SYSTEM
GISP	GROUND INSTRUMENTATION SUPPORT PLAN
GLDS	GEMINI LAUNCH DATA SYSTEM
GLOTRAC	GLOBAL TRACKING (ETR)
GLV	GEMINI LAUNCH VEHICLE (TITAN)
GLVWG	GEMINI LAUNCH VEHICLE WORKING GROUP
GMCF	GUIDED MISSILE CONTROL FACILITY
G-M C-T	GEIGER-MUELLER COUNTER - TUBE
GME	GIMBAL MOUNTED ELECTRONICS
GMP	GEMINI MANAGEMENT PANEL
GMRD	GUIDED MISSILE RANGE DIVISION
GMS	GEMINI MISSION SIMULATOR
G.m.t.	GREENWICH MEAN TIME
GMTCT	GREENWICH MEAN TIME CONTINGENCY TIME
GMTDM	GREENWICH MEAN TIME DESCENT MANEUVER
GMTL	GREENWICH MEAN TIME EARTH LANDING
GMTEO	GREENWICH MEAN TIME END OF ORBIT
GMTIA	GREENWICH MEAN TIME INITIATE ABORT
GMTIR	GREENWICH MEAN TIME INITIATE ROLL FOR RE-ENTRY
GMTLC	GREENWICH MEAN TIME LANDING, COMPUTED
GMTLO	GREENWICH MEAN TIME LIFTOFF, LAUNCH OPPORTUNITY
GMTLR	GREENWICH MEAN TIME LUNAR RENDEZVOUS
GMTMB	GREENWICH MEAN TIME MOON BLACKOUT
GMTMC	GREENWICH MEAN TIME MIDCOURSE CORRECTION

GMTMI	GREENWICH MEAN TIME MANUAL INSERTION
GMTMO	GREENWICH MEAN TIME MANEUVER INTO ORBIT
GMTMV	GREENWICH MEAN TIME MINIMUM VELOCITY
GMTOI	GREENWICH MEAN TIME ORBITAL INSERTION
GMTOM	GREENWICH MEAN TIME ORBIT MODIFICATION
GMTOCVE	GREENWICH MEAN TIME OPTICAL CAPTURE VOLUME ENTRY
GMTPC	GREENWICH MEAN TIME PLANE CHANGE PROPULSION COMPLETION
GMTPD	GREENWICH MEAN TIME PARAGLIDER DEPLOYMENT
GMTRBOPC	GREENWICH MEAN TIME RETROFIRE BASED ON PRESENT CAPSULE
GMTRC	GREENWICH MEAN TIME RETROFIRE COMPUTED
GMTRE	GREENWICH MEAN TIME RE-ENTRY
GMTRF	GREENWICH MEAN TIME RELIABLE FIX
GMTS	GREENWICH MEAN TIME SETTING
GMTTI	GREENWICH MEAN TIME TRANSEARTH INJECTION
GMTTI	GREENWICH MEAN TIME TRANSLUNAR INJECTION
GMTTM	GREENWICH MEAN TIME INITIATING FIRST TERMINAL MANEUVER
GMTU	GREENWICH MEAN TIME UPPER LIFTOFF TIME
GMTVA	GREENWICH MEAN TIME VEHICLE ACQUISITION
G+N	GUIDANCE AND NAVIGATION
GNC	GUIDANCE AND NAVIGATION COMPUTER
GNE	GUIDANCE AND NAVIGATION ELECTRONICS
G+N	GUIDANCE AND NAVIGATION
G+NS	GUIDANCE AND NAVIGATION SUBSYSTEM (FORMERLY N+GS)
GOE	GROUND OPERATIONAL EQUIPMENT
GOM	GOVERNMENT OWNED MATERIAL
GORP	GROUND OPERATIONS REQUIREMENT PLAN
GOSS	GROUND OPERATIONAL SUPPORT SPECIFICATION
GPD	GIMBAL POSITION DISPLAY
GPD	GOSS PROGRAM DIRECTORATE
GPE	GOVERNMENT PROCURED EQUIPMENT
GPI	GIMBAL POSITION INDICATOR (NAA)
GPL	GENERAL PRECISION LABORATORIES
GPM	GALLONS PER MINUTE
GPO	GEMINI PROGRAM OFFICE
GPPB	GEMINI PROGRAM PLANNING BOARD
GPS	GALLONS PER SECOND
GPT	GIMBAL POSITION TRANSDUCER
GQT	GROUND QUALIFICATION TEST
GRR	GUIDANCE REFERENCE RELEASE
GRTS	GODDARD REAL-TIME SUBSYSTEM
GRU	GYRO REFERENCE UNIT
GSA	GOVERNMENT SERVICES ADMINISTRATION
GSCS	GROUND-SPACE COMMUNICATION SYSTEM
GSDS	GOLDSTONE DUPLICATE STANDARD
GSE	GROUND SUPPORT EQUIPMENT
GSED	GROUND SYSTEM ENGINEERING DIVISION
GSFC	GODDARD SPACE FLIGHT CENTER
GSP	GUIDANCE SIGNAL PROCESSOR
GSPO	GEMINI SPACECRAFT PROGRAM OFFICE
GSPO	GROUND SYSTEMS PROJECT OFFICE
GSR	GALVANIC SKIN RESPONSE
GSS	GEMINI SUPPORT SITE
GSS	GROUND SUPPORT SYSTEM
GSSC	GROUND SUPPORT SIMULATIONS COMPUTER
GST	GREENWICH SIDEREAL TIME
GTA	GEMINI TITAN AGENA
GTF	GOVERNMENT TEST FACILITY

GTK	GRAND TURK ISLAND
GTM	GROUND TEST MODULE
GTN	GLOBAL TRACKING NETWORK
GTRS	GROUND TIME REMAINING UNTIL RETROFIRE SETTING IS REACHED
GTV	GROUND TEST VEHICLE
GYM	GUAYMAS# MEXICO
HA	HARNESS ASSEMBLY
H-A	HAZARDOUS AREA
HAA	HIGH ALTTITUDE ABORT
HAC	HUGHES AIRCRAFT CO, CULVER CITY CALIFORNIA
HADC	HOLLOMAN AIR DEVELOPMENT CENTER
HAFB	HOLLOMAN AIR FORCE BASE
HAPR	HEAVYWEIGHT ASCENT PROPULSION RIG
HATS	HIGH ALTTITUDE TEST STAND
HBU	HELIUM BOOSTER UNIT
HBW	HOT BRIDGEWIRE
HDAC	HELIUM DISTRIBUTION ASSEMBLY CONTROLLER
HDPR	HEAVYWEIGHT DESCENT PROPULSION RIG
HF	HIGH FREQUENCY (3-30 MC)
HFP	HYBRID FLIGHT PLAN
HFRA	HIGH FREQUENCY RECOVERY ANTENNA
HFX	HIGH FREQUENCY TRANSCEIVER (NAA)
HG	HIGH-GAIN
HG	HI-GATE
HGA	HIGH GAIN ANTENNA (NAA)
HGB	HEMOGLOBIN
HIG	HERMETICALLY SEALED INTEGRATING GYRO
HL	HEEL LINE
HL	HIGH LEVEL
HOFCO	HORIZONTAL FUNCTIONAL CHECKOUT
HOSC	HUNTSVILLE OPERATIONS SUPPORT CENTER
HPDA	HELIUM PRESSURE DISTRIBUTION ASSEMBLY
HR-1	HEAVYWEIGHT REACTION CONTROL SUBSYSTEM RIG
HRA	HIGH FREQUENCY RECOVERY ANTENNA
HRSU	HELIUM READY STORAGE UNIT
HRT	HIGH RESOLUTIONS TRACKING
HRZ	HORIZONTAL
HS	HEAT SHIELD
HS	HIGH SPEED
HSC	HOUSE SPACECRAFT
HSD	HAMILTON STANDARD DIVISION
HSD	HIGH SPEED DATA
HTCU	HELIUM TRANSFER AND CONDITIONING UNIT
HTS	HEAT TRANSPORT SECTION
HTV	U.S.S. HUNTSVILLE
HW	HOT WIRE
IA	INPUT AXIS
IAA	INTERNATIONAL AEROSPACE ABSTRACTS
IBR	INSPECTION BOARD REVIEW
I + C	INSTALLATION AND CHECKOUT
ICA	INSTRUMENT CONTROLLED APPROACH
ICBM	INTERCONTINENTAL BALLISTIC MISSILE
ICC	INSTRUMENTATION CONTROL CENTER
ICD	INSTRUMENTATION CONTROL DRAWING
ICD	INTERFACE CONTROL DOCUMENT
ICD	INTERFACE CONTROL DRAWING

ICE	INTROSPECTIVE CHECKOUT EQUIPMENT
ICP	INTEGRATED CHECKOUT PLAN
ICS	INTERNAL COMMUNICATION SYSTEM
ICTC	INERTIAL COMPONENT TEMPERATURE CONTROLLER
ICTE	INERTIAL COMPONENT TEST EQUIPMENT
ICW	INTERRUPTED CONTINUOUS WAVE
IDEP	INTERSERVICE DATA EXCHANGE PROGRAM
IDTS	INSTRUMENTATION DATA TRANSMISSION SYSTEM
IDU	INDICATOR DRIVER UNIT
IECO	INBOARD ENGINE CUTOFF
IEI	INTERMEDIATE ENGINEERING INSPECTION
IEM	INTERNAL ENVIRONMENT MONITORING
IES	INTERNAL ENVIRONMENT SIMULATOR
IESN	INSTRUMENTATION AND ELECTRONICS SYSTEM NAVIGATION
IF	INTERMEDIATE FREQUENCY
IFA	IN-FLIGHT ANALYSIS
IFC	IN-FLIGHT COMPARATOR
IFHG	IN-FLIGHT HIGH-GAIN
IFLOT	INTERMEDIATE FOCAL LENGTH OPTICAL TRACKER
IFLTT	INTERMEDIATE FOCAL LENGTH TRACKING TELESCOPE
IFMA	INFLIGHT MONITOR ASSEMBLY
IFPMS	IN-FLIGHT PERFORMANCE MONITORING SYSTEM
IFT	INFLIGHT TEST
IFT + M	INFLIGHT TEST AND MAINTENANCE
IFTS	INFLIGHT TEST SYSTEM
IG	INNER GIMBAL
IG	INTEGRATING GYROSCOPE
IGA	INNER GIMBAL AXIS OR ANGLE
IGACE	INTEGRATED GROUND AUTOMAT CHECKOUT EQUIP
IGM	ITERATIVE GUIDANCE MODE
IGN+C	INTEGRATED GUIDANCE NAVIGATION AND CONTROL
IGOR	INTERCEPT GROUND OPTICAL RECORDER (ETR)
IGORTT	IGOR TRACKING TELESCOPE
IGS	INERTIAL GUIDANCE SYSTEM
IGSE	INTEGRATED GROUND SUPPORT EQUIP
IGY	INTERNATIONAL GEOPHYSICAL YEAR
IIP	INSTANTANEOUS IMPACT POINT
ILCC	INTEGRATED LAUNCH CONTROL AND CHECKOUT
ILCCS	INTEGRATED LAUNCH CONTROL AND CHECKOUT SYSTEM
IL-MIT	INSTRUMENTATION LABORATORY - MIT
IL-RS	INTERSYSTEM LINK OF REMOTE STATION
ILS	INSTRUMENT LANDING SYSTEM
ILU	INCOMING LINE UNIT
IMCC	INTEGRATED MISSION CONTROL CENTER
IMCCI	INTEGRATED MISSION CONTROL CENTER IMPLEMENTATION
IML	INSTRUMENTATION MEASUREMENT LIST
IMP	IMPINGE
IMP	INTERPLANETARY MONITORING PLATFORM
IMP	INTERPLANETARY MONITORING PROBE
IMPED	IMPEDANCE
IMPS	INTERPLANETARY MEASUREMENT PROBES (JPL)
IMU	INERTIAL MEASUREMENT UNIT
INS	INERTIAL NAVIGATION SYSTEM
I/O	INPUT/OUTPUT
IOC	INITIAL OPERATIONAL CAPABILITY
IOCS	INPUT/OUTPUT CONTROL SYSTEM
IOS	INDIAN OCEAN SHIP /TRACKING/

IP	IMPACT POINT
IP	IMPACT PREDICTOR
IPA	INTERMEDIATE POWER AMPLIFIER
IPB	ILLUSTRATED PARTS BOOK
IPS	INCH-PER-SECOND
IPS	INSTRUMENTATION POWER SUPPLY
IR	INFRA-RED OR INFORMATION REQUEST
IRA	INSTRUMENTED RECOVERY AIRCRAFT
IRACQ	INSTRUMENTATION RADAR AND ACQUISITION PANEL
IRBM	INTERMEDIATE RANGE BALLISTIC MISSILE
IRFNA	INHIBITED RED FUMING NITRIC ACID
IRG	INERTIAL RATE GYRO
IRIG	INERTIAL RATE INTEGRATING GYRO
IRIG	INTER-RANGE INSTRUMENTATION GROUP
IRIG	INERTIAL RATE INTEGRATING GYROSCOPE (MIT)
IRIG	INERTIAL REFERENCE INTEGRATING GYRO
IRN	INTERFACE REVISION NOTE
IRP	INERTIAL REFERENCE PACKAGE
IRU	INERTIAL REFERENCE UNIT
ISB	INDEPENDENT SIDEBAND
ISC	INDUSTRIAL SUPPORT CONTRACTOR
ISCD	INTERFACE SPECIFICATION CONTROL DOCUMENT
ISD	INTERSTAGE SEPARATION DISCONNECT
ISE	INDUSTRY STANDARD EQUIPMENT
ISI	INSTRUMENTATION/SUPPORT INSTRUCTIONS
Isp	RESOLUTION OF SPECIFIC IMPULSE
ISS	INERTIAL SUBSYSTEM
ISS	INPUT SUBSYSTEM
ISTP	INSTRUMENTATION SYSTEM TEST PROCEDURE
ITA	INTEGRATED TEST AREA
ITF	INTEGRATED TEST FACILITY
ITI	INSPECTION AND TEST INSTRUCTIONS
ITOR	INTERCEPT TARGET OPTICAL RECORDER
ITP	INSPECTION TEST PROCEDURE
ITQ	INVITATION TO QUOTE
ITS	INTEGRATED TRAJECTORY SYSTEM
IU	INSTRUMENT UNIT
IUA	INERTIAL UNIT ASSEMBLY
IW	INTERCHANGEABLE WITH
Ixy	PRODUCT OF INERTIA, X-Y AXIS
Ixz	PRODUCT OF INERTIA, X-Z-AXIS
Iyz	PRODUCT OF INERTIA, Y-Z AXIS
JAN	JOINT AIR FORCE-NAVY
JATO	JET-ASSISTED TAKE-OFF
J-CLOT	JOINT CLOSED-LOOP OPERATIONS TEST
JFACT	JOINT FLIGHT-ACCEPTANCE COMPOSITE TEST
JIM	JOB INSTRUCTION MANUAL
J/M	JETTISON MOTOR
JNSC	JOINT NAVIGATION SATELLITE COMMITTEE
JOD	JOINT OCCUPANCY DATE
JON	JOHANNESBURG, SOUTH AFRICA
JOP	JOINT OPERATING PROCEDURES
JPL	JET PROPULSION LABORATORY (CAL-TECH, PASADENA CALIF)
JSM	JETTISON SERVICE MODULE
JUP	PT. JUPITER (STATION 2, ETR)
KB	KILO BITS
KBPS	KILO BITS PER SEC.



KFT	KILLO FEET
KMC	KILOMEGACYCLES
KNO	KANO, NIGERIA, S.W. AFRICA
KPPS	KILOPULSES PER SECOND
KPS	KAENA PT. STATION (HAWAII)
KSC	KENNEDY SPACE CENTER
KSR	KEYBOARD SEND/RECEIVE UNIT
KTS	KODIAK TRACKING, STATION, ALASKA
LA	LAUNCH AZIMUTH
LACS	LEM-APOLLO COMMUNICATIONS SYSTEM
LAD	LOS ANGELES DIVISION (NAA)
LAET	LIMITING ACTUAL EXPOSURE TIME
LARC	LIGHTER, AMPHIBIOUS, RESUPPLY, CARRIER
LASER	LIGHT AMPLIFICATION THROUGH STIMULATED EMISSION OF RADIATION
LASV	LOW ALTITUDE SUPERSONIC VEHICLE (AIR FORCE)
LAT	LOCAL APPARENT TIME
LBR	LOW BIT RATE
LBVS	LOWER BODY VASCULAR SUPPORT (EXPO)
LC	LAUNCH COMPLEX
LCC	LAUNCH CONTROL CENTER
LCE	LAUNCH COMPLEX EQUIPMENT
LCG	LIQUID COOLED GARMENT
LCO	LAUNCH CONTROL OFFICER
LCOC	LAUNCH CONTROL OFFICER CONSOLE
LCS	LAUNCH CONTROL SYSTEM
LCTT	LAUNCH COMPLEX TELEMETRY TRAILER
LCU	LANDING CRAFT, UTILITY
LCU	LOADING CONTROL UNIT
LCTV	LAUNCH COMPLEX TELEMETRY VAN
L/D	LENGTH-DIAMETER RATIO
L/D	LIFT-TO-DRAG RATIO
LDGE	LEM DUMMY GUIDANCE EQUIPMENT
LDP	LOCAL DATA PACKAGE
LDS	LAUNCH DATA SYSTEM
LDT	LEVEL DETECTOR (NAA)
LE	LAUNCH ESCAPE
LEB	LOWER EQUIPMENT BAY
LECS	LEM-EARTH COMMUNICATIONS SYSTEM
LEE	LEM ELECTRONIC EQUIPMENT
LEM	LUNAR EXCURSION MODULE (OBSOLETE)
LE/PC	LAUNCH ESCAPE PITCH CONTROL
LEPS	LAUNCH ESCAPE PROPULSION SYSTEM
LEPS	LUNAR EXCURSION PROPULSION SYSTEM
LERC	LEWIS RESEARCH CENTER
LES	LAUNCH-ESCAPE SUBSYSTEM
LET	LAUNCH ESCAPE TOWER
LEV	LAUNCH ESCAPE VEHICLE
LF	LOW FREQUENCY (30 TO 300 KC)
LFA	LEM FORM A
LFE	LABORATORY FOR ELECTRONICS
LGC	LEM GUIDANCE COMPUTER
LGC	LUNAR MODULE GUIDANCE COMPUTER
LGE	LEM GUIDANCE EQUIPMENT
LGE	LUNAR GEOLOGICAL EQUIPMENT
LGP	LEM GROUND POINTS
LH	LEFT HAND

LHA	LOCAL HOUR ANGLE
LHCP	LEFT-HANDED CIRCULAR POLARIZATION
LHEB	LEFT HAND EQUIPMENT SAY
LIEF	LAUNCH INFORMATION EXCHANGE FACILITY
LJ	LITTLE JOE
LL	LINCOLN LABORATORY (MIT)
LL	LOW LEVEL
LL	LUNAR LANDING
LLM	LUNAR LANDING MODULE OR MISSION
LLPM	LUNAR LANDING PROPULSION MODULE
LLRF	LUNAR LANDING RESEARCH FACILITY
LLRV	LUNAR LANDING RESEARCH VEHICLE
LLS	LUNAR LANDING SITE
LLSV	LUNAR LOGISTICS SYSTEM VEHICLE
LLS	LUNAR LOGISTICS SYSTEM
LLT	LUNAR LANDING TRANSFER
LLV	LUNAR LOGISTICS VEHICLE
LM	LAND MARK
LM	LUNAR MODULE
LMCS	LEM-MAN COMMUNICATIONS SYSTEM
LMSC	LOCKHEED MISSILE AND SPACE CO
LME	LAUNCH MONITOR EQUIPMENT
LMP	LEM MISSION PROGRAMMER
LMS	LEM MISSION SIMULATOR
LMSS	LAUNCH MONITOR SUBSYSTEM
LMT	LOCAL MEAN TIME
LO	LAUNCH OPERATIONS
LO	LIFTOFF
LO	LUNAR ORBIT
LOA	LUNAR ORBITAL ASSEMBLY
LOB	LINE OF BALANCE
LOB	LAUNCH OPERATIONS BUILDING
LOC	LAUNCH OPERATIONS CENTER (JOHN F KENNEDY SPACE CENTER NASA)
LOC	LUNAR ORBIT COAST
LOCC	LAUNCH OPERATIONS CONTROL CENTER
LOCPS	LUNAR ORBIT COAST PRE-SEPARATION
LOD	LAUNCH OPERATIONS DIRECTORATE
LOFAR	LOW-FREQUENCY ACQUISITION AND RANGING
LOI	LUNAR ORBIT INJECTION
LOI	LUNAR ORBIT INSERTION
LOPO	LUNAR ORBITER PROJECT OFFICE
LOR	LUNAR ORBIT RENDEZVOUS
LORAC	LONG RANGE ACCURACY
LORAN	LONG RANGE NAVIGATION
LORS	LEM OPTICAL RENDEZVOUS SYSTEM
LOS	LIKE OF SIGHT
LOS	LOSS OF SIGNAL
LOTS	LAUNCH OPTICAL TRAJECTORY SYSTEM
LOX	LIQUID OXYGEN
LP	LOW PRESSURE
LPA	LOG PERIODIC ANTENNA
LPD	LANDING POINT DESIGNATION
LPFA	LEM PRELIMINARY FORM A
LPGE	LEM PARTIAL GUIDANCE EQUIPMENT
LPH	LANDING PLATFORM, HELICOPTER
LPO	LUNAR PARKING ORBIT
LPR	LIQUID PROPELLANT ROCKET

LR	LANDING RADAR
LR	LUNAR RENDEZVOUS
LRA	LEM REPLACEABLE ASSEMBLIES
LRC	LANGLEY RESEARCH CENTER
LRL	LUNAR RECEIVING LAB
LS	LANDING SYSTEM
LS	LIFE SYSTEMS
LSB	LEAST SIGNIFICANT BIT
LSB	LOWER SIDE BAND
LSC	LINEAR-SHAPED CHARGE
LSD	LOW SPEED DATA
LSE	LAUNCH SEQUENCER EQUIPMENT
LSEA	LUNAR SURFACE ERECTABLE ANTENNA
LSEP	LUNAR SURFACE EXPERIMENT PACKAGE
LSF	LAUNCH SUPPORT FACILITY
LSO	LUNAR SURFACE OPERATIONS
LSP	LEM SPECIFICATION
LSR	LUNAR SURFACE RENDEZVOUS
LSRL	LUNAR SAMPLE RECEIVING LAB
LSS	LIFE SUPPORT SYSTEM
LST	LOCAL SIDEREAL TIME
LST	LUNAR SURFACE TECHNOLOGY
LSTU	LEM SPECIAL TEST UNIT
LSV	LUNAR SURFACE VEHICLE
LTA	LEM TEST ARTICLE
LTDS	LAUNCH TRAJECTORY DATA SYSTEM
LTM	LIFE TEST MODEL
LTR	LIQUID TEST RIG
LTS	LAUNCH TELEMETRY SYSTEM
LTS	LAUNCH TRACKING STATIONS
LTS	LIFTOFF TRANSMISSION SUBSYSTEM
LTV	LING TEMCO VOUGHT
LTW	LAUNCH TIME WINDOW
LUCOM	LUNAR COMMUNICATION SYSTEM
LULS	LUNAR LOGISTIC SYSTEM
LUM	LIVING UTILITY MODULE
LUT	LAUNCHER UMBILICAL TOWER
LV	LAUNCH VEHICLE
LVC	LEM VENDOR CHANGE
LVCCS	LAUNCH VEHICLE COMMAND AND COMMUNICATIONS SYSTEM
LVDA	LAUNCH VEHICLE DATA ADAPTER
LVDC	LAUNCH VEHICLE DIGITAL COMPUTER
LVOD	LAUNCH VEHICLES OPERATION DIVISION
LVSE	LAUNCH VEHICLE SYSTEMS ENGINEER
LVTR	LANDING VEHICLE TRACKED RECONNAISSANCE
LW	LAUNCH WINDOW
LWD	LAUNCH WINDOW DISPLAY
M	MACH NUMBER
MA	MESSAGE ASSEMBLER
MAB	MESSAGE ASSEMBLER AND BUFFER (IBM)
MAB	MISSILE ASSEMBLY BUILDING
MAC	MCDONNELL AIRCRAFT CORPORATION
MACK	MISTRAM AUXILIARY CHECKOUT KIT (FOR TRANSPONDER)
MAFSPO	MANNED SPACE FLIGHT SUPPORT PROJECT OFFICE
MAIR	MANUFACTURING ASSEMBLY AND INSPECTION RECORD
MAMP	MILLIAMPERES
MAR	MEMORY ADDRESS REGISTER

MARS	MARTIN AUTOMATIC REPORTING SYSTEM
MARS	MILITARY ADVANCE RANGE SHIP (SUPERSEDED BY ARIS)
MASER	MICRO-WAVE AMPLIFICATION THROUGH STIMULATED EMISSION
MASER	OF RADIATION
MASTIF	MULTI-AXIS SPIN TEST INERTIAL FACILITY
MAT	MAXIMUM AIRWORTHINESS TEST
MATS	MILITARY AIR TRANSPORT SERVICE
MATTS	MULTIPLE AIRBORNE TARGET TRAJECTORY SYSTEM
MAY	MAYAGUANA, (BRITISH WEST INDIES STA 6, ETR)
MBCS	MAN BACK-PACK COMMUNICATIONS SYSTEM
MC	MEGACYCLES
MCA	MAIN CONSOLE ASSEMBLY
MCC	MIDCOURSE CORRECTIONS
MCC	MISSION CONTROL CENTER
MCCDU	MANUAL CONTROL COUPLING DISPLAY UNIT
MCCDUO	MANUAL CONTROL COUPLING DISPLAY UNIT OPTICS
MCC-H	MISSION CONTROL CENTER, HOUSTON
MCC-K	MISSION CONTROL CENTER, KENNEDY
MCOP	MISSION CONTROL OPERATIONS PANEL
MCP	MISSION CONTROL PROGRAMMER
MCR	MANUAL CHANGE REQUEST
MCS	MAIN CORE STORAGE
MCS	MEMORY CONTROL SUBSYSTEM
MCW	MASTER CAUTION WARNING
MD	MESSAGE DISTRIBUTOR
MDAS	MEDICAL DATA ACQUISITION SYSTEM (EXPO)
MDC	MAIN DISPLAY CONSOLE
MDC	MISSION DISPLAY CONTROL
MDCS	MASTER DIGITAL COMMAND SYSTEM
MDE	MCDONNELL DESIGN EQUIPMENT
MDE	MONITOR DISPLAY EQUIPMENT
MDF	MAIN DISTRIBUTOR FRAME
MDF	MILD DETONATING FUSE
MDI	MISS-DISTANCE INDICATOR
MDIU	MANUAL DATA INSERTION UNIT
MDK	MANUAL DATA KEYBOARD
MDR	MAJOR DESIGN REVIEW
MDS	MALFUNCTION DETECTION SYSTEM, (GEMINI)
MDSS	MISSION DATA SUPPORT SYSTEM
MDT	MEAN-DOWN-TIME
MDU	MESSAGE DISTRIBUTOR UNIT
M+DV	MAP AND DATA VIEWER
MEAR	MAINTENANCE ENGINEERING ANALYSIS RECORD
MEB	MISSION ENGINEERING BRANCH (APOLLO SPACECRAFT PROJECT)
MECO	MAIN ENGINE CUT-OFF
MEI	MASTER END ITEM
MEM	MARS EXCURSION MODULE
MERU	MILLI-EARTH RATE UNIT (0.015 DEGREES / HOUR)
MES	MISSION EVENT SEQUENCE
MESC	MASTER EVENTS SEQUENCE CONTROLLER
MESP	MISSION EVENT SEQUENCE PANEL
MET	MISSION ELAPSED TIME
MF	MEDIUM FREQUENCY (300 To 3,000 KC)
MFD	MISSION FLIGHT DIRECTOR
MFLTT	MEDIUM-FOCAL-LENGTH TRACKING TELESCOPE
MFS	MAGNETIC FIELD STRENGTH
MFSB	MANNED FLIGHT SURVEILLANCE BOARD

MG	MIDDLE GIMBAL
MGA	MIDDLE GIMBAL ANGLE OR AXIS
MGE	MAINTENANCE GROUND EQUIPMENT
MGN	MERCURY-GEMINI NETWORK
MGT	MODULE GROUND TEST
MGZ	MAYAGUEZ, PUERTO RICO (STATION 9, ETR)
M-H	MINNEAPOLIS-HONEYWELL CORPORATION
MHD	MAGNETOHYDRODYNAMICS
MI	MANUAL INPUT
MI	MINERAL INSULATION
MI	MOMENT OF INERTIA
MIDAS	MISSILE DETECTION ALARM SECTION
MIDAS	MISSILE INTERCEPT DATA ACQUISITION SYSTEM
MIDOT	MULTIPLE INTERFEROMETER DETERMINATION OF TRAJECTORIES
MIG	MINIATURE INTEGRATING GYRO
MIL	MERIT INDEX LIST
MILA	MERRITT ISLAND LAUNCH AREA
MILS	MISSILE IMPACT LOCATION SYSTEM
MIP	MINIMUM IMPULSE PULSE
MIRROS	MODULATION INDUCING REACTIVE RETRODIRECTIVE OPTICAL SYSTEM
MISS	MINIATURE SOLAR-SYSTEM
MISTRAM	MISSILE TRAJECTORY MEASUREMENT SYSTEM
MIT	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MITE	MASTER INSTRUMENTATION TIMING EQUIPMENT
MITE	MISSILE INTEGRATION TERMINAL EQUIPMENT
MITIL	MASSACHUSETTS INSTITUTE OF TECHNOLOGY INSTRUMENTATION LAB
MITOC	MISSILE TECHNICAL OPERATIONS COMMUNICATIONS
ML	MOLD LINE
MLG	MAIN LANDING GEAR
MLLP	MANNED LUNAR LANDING PROJECT
MLS	MOON LANDING SEQUENCE OR SYSTEM
MLT	MOBILE LAUNCHER TOWER (FORMERLY LUT)
MM	MID COURSE MANEUVER
MM	MILLIMETER
MMC	MIDCOURSE MEASUREMENT CORRECTION
MMH	MONOMETHYLHYDRAZINE (FUEL)
MMHG	MILLIMETERS OF MERCURY
MMI	MASS MOMENTS OF INERTIA
MMM	MARS MISSION MODULE
MMRBM	MOBILE, MID-RANGE BALLISTIC MISSILE (AIR FORCE)
MMS	MCDONNELL MATERIAL SPECIFICATION
MMU	MIDCOURSE MEASUREMENT UNIT
MMU	MODULES MANEUVERING UNIT
N2O4	NITROGEN TETROXIDE
MO	MANEUVER INTO ORBIT
MOC	MASTER OPERATIONAL CONSOLE
MOC	MASTER OPERATIONS CONTROL
MCC	MISSION OPERATION COMPUTER
MOCP	MISSION OPERATIONAL COMMUNICATION PROCESSOR
MOCR	MISSION OPERATIONS CONTROL ROOM (IMCC)
MODEM	MODULATOR/DEMODULATOR
MODS	MANNED ORBITAL DEVELOPMENT SYSTEM
MOL	MANNED ORBITAL LABORATORY
MOPAR	MASTER OSCILLATOR POWER AMPLIFIER RADAR
MOPS	MILITARY OPERATIONAL PHONE SYSTEM
MOPTARS	MULTI-OBJECT PHASE TRACKING AND RANGING SYSTEM
MOS	MISSILE ON STAND

MOSS	MANNED ORBITAL SPACE SYSTEM
MOST	MOBILE OPTIC SURVEILLANCE TRACKER
MOTU	MOBILE OPTICAL TRACKING UNIT
MOV	MAIN OXIDIZER VALVE
MOW	MISSION OPERATIONS WING
MPA	METEOROID PENETRATION ANALYSIS
MPA	MINIATURE PENDULUM ACCELEROMETER
MPG	MULTIPLE POINT GROUND
MPM	MAXIMUM PROPELLANT MISSION
MPS	MISSION PREPARATION SHEET
MPTR	MOBILE POSITION TRACKING RADAR
MR	MALFUNCTION REPORT
MRA	MATERIAL REVIEW ACTION
MRAD	MILLIRADIANS
MRB	MATERIAL REVIEW BOARD
MRBM	MEDIUM-RANGE BALLISTIC MISSILE
MRCR	MEASUREMENT REQUIREMENT CHANGE REQUEST
MRD	MATERIAL REVIEW DISPOSITION
MR-HR	MILLIROENTGENS PER HOUR
MRL	MEASUREMENT REQUIREMENTS LIST
MRR	MATERIAL REVIEW REPORT
MRRCS	MATERIAL REVIEW RECORD CONTINUATION SHEET
MS	MEASUREMENT SYSTEM
MS	MISSION STATIONS
M/S	MISSION SEQUENCER
MS	MISSION SIMULATOR
MS	MILLISECONDS
MSB	MOST SIGNIFICANT BIT
MSC	MANNED SPACECRAFT CENTER (NASA), HOUSTON# TEXAS
MSCC	MANNED SPACEFLIGHT CONTROL CENTER
MSCO	MANUAL SUSTAINER ENGINE CUT-OFF
MSD	MOST SIGNIFICANT DIGIT
MSE	MECHANICAL SUPPORT EQUIPMENT
MSFC	MARSHALL SPACE FLIGHT CENTER
MSFEB	MANNED SPACE FLIGHT EXPERIMENTS BOARD
MSFN	MANNED-SPACE FLIGHT NETWORK
MSI	MANNED SATELLITE INSPECTOR
m. s. l.	MEAN SEA LEVEL
MSO	MINESWEEPER, OCEAN
MSOB	MANNED SPACECRAFT OPERATIONS BUILDING
MSS	MISSION STATUS SUMMARY
MSS	MOBILE SERVICE STRUCTURE (FORMERLY MAT)
MST	MOBILE SERVICE TOWER
MSTS	MILITARY SEA TRANSPORTATION SERVICE
MT	MAGNETIC TAPE
MTBF	MEAN TIME BEFORE FAILURE
MTBM	MEAN-TIME-BETWEEN-MAINTENANCE
MTBMA	MEAN-TIME-BETWEEN-MAINTENANCE ACTIONS
MTF	MEAN-TIME-TO-FAILURE
MTF	MISSISSIPPI TEST FACILITY
MTM	MECHANICAL TEST MODEL
MTO	MISSISSIPPI TEST OPERATIONS
MTP	MASTER TEST PLAN
MTR	MEAN-TIME-TO-REPAIR
MTS	MISSION TRAINING SIMULATOR
MTS	MEMBER-TECHNICAL STAFF
MTTR	MEAN TIME TO REPAIR

MTU	MAGNETIC TAPE UNIT
MU	MOCK-UP
MUC	MUCHEA AUSTRALIA
MUX	FREQUENCY MULTIPLEX EQUIPMENT
MV	MILLIVOLTS
MVD	MAP AND VISUAL DISPLAY (UNIT)
MVDC	MILLIVOLTS DIRECT CURRENT
MV/M	MILLIVOLTS PER METER
MW	MILLIWATTS
MXD	MULTIPLE TRANSMITTER DISTRIBUTOR
NA	NAVAL AIR (USN)
NAA	NORTH AMERICAN AVIATION INC (DOWNEY CALIFORNIA)
NACA	NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS
NACODE	NAVY CORRELATION DETECTION RECEIVING SYSTEM
NADC	NAVAL AIR DEVELOPMENT CENTER
NAMTC	NAVAL AIR MISSILE TEST CENTER
NAS	NATIONAL AIRCRAFT STANDARDS
NASA	NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION
NASC	NATIONAL AERONAUTICS AND SPACE COUNCIL
NASCOM	NASA WORLD-WIDE COMMUNICATION NETWORK
NASSB	NATIONAL ACADEMY OF SCIENCES, SPACE SCIENCES BOARD
NBS	NATIONAL BUREAU OF STANDARDS
NBTS	NEW BOSTON TRACKING SITE
NBWEPS	NAVAL BUREAU OF WEAPONS
NC	NATIONAL COURSE (THREAD)
NC	NORMALLY CLOSED
NC	NOSE CONE
NCAR	NONCONFORMANCE ANALYSIS REPORT
NCR	NON-CONFORMANCE REPORT
NDR	NETWORK DATA REDUCTION
NED	NEAR EARTH DATA (PMP)
NEIF	NEAR EARTH INSTRUMENTATION FACILITY
NEPD	NOISE EQUIVALENT POWER DENSITY
N+GS	NAVIGATION AND GUIDANCE SUBSYSTEM (SEE G+NS)
NIF	NOISE IMPROVEMENT FIGURE
NIRTS	NEW INTEGRATED RANGE TIME SYSTEM
NLG	NOSE LANDING GEAR
NLT	NOT LESS THAN
NM	NAUTICAL MILE
NMF	NATIONAL MISSILE FACILITY
NMT	NOT MORE THAN
NO	NORMAL OPEN, NITRIC OXIDE
NORAD	NORTH AMERICAN AIR DEFENSE COMMAND
NOTS	NAVAL ORDNANCE TEST STATION
NPSH	NET POSITIVE SUCTION HEAD
NPSP	NET POSITIVE SUCTION PRESSURE
NRL	NAVAL RESEARCH LABORATORY
NRZ-C	NON-RETURN-TO-ZERO CHANGE
NSA	NATIONAL SECURITY AGENCY
NSC	NAVIGATIONAL STAR CATALOGUE
NSIF	NEAR SPACE INSTRUMENTATION FACILITY
NSL	NORTHROP SPACE LABORATORY
NSM	NETWORK STATUS MONITOR
NSO	NORMAL SEQUENCE OF OPERATIONS
NTCSTS	NON-TIME CRITICAL STATUS TRANSMISSION SUBSYSTEM
NV	NORTHROP-VENTURA
NV	NOT VALID

NWP	NAVAL WEAPONS PLANT
OA	OPERATIONAL ADMINISTRATION
OA	OUTPUT AXIS
OAME	ORBIT ATTITUDE AND MANEUVERING ELECTRONICS
OAMS	ORBIT ATTITUDE AND MANEUVERING SYSTEM (GEMINI)
OAO	ORBITING ASTRONAUTICAL OBSERVATORY OFFICE OF AEROSPACE RESEARCH (AFSC)
OART	OFFICE OF ADVANCED RESEARCH AND TECHNOLOGY
OASPL	OVERALL SOUND PRESSURE LEVEL
OC	ORBITAL CHECK
OC	OVER CURRENT
OCC	OPERATIONS CONTROL CENTER
OCDU	OPTICS COUPLING DISPLAY UNIT /G+N/
OCF	OPERATIONAL CONTROL FACILITY
OCI	OPERATIONAL CHECKOUT INSTRUCTION
OCO	OPERATION AND CHECKOUT
OCP	OPERATIONAL CHECKOUT PROCEDURES
OCPS	OXYGEN AND CABIN PRESSURE CONTROL SECTION
OCV	OPTICAL CAPTURE VOLUME
OD	OPERATIONS DIRECTOR (NASA)
OD	OPERATIONS DIRECTIVE
OD	ORBITAL DETERMINATION
ODOP	OFFSET FREQUENCY DOPPLER
ODU	OUTPUT DISPLAY UNIT
OECO	OUTBOARD ENGINE CUTOFF
O-F	OXIDIZER TO FUEL RATIO
OG	OUTER GIMBAL
OGA	OUTER GIMBAL ANGLE OR AXIS
OGE	OPERATIONAL GROUND EQUIPMENT (PART OF AGE)
OGO	ORBITING GEOPHYSICAL OBSERVATORY
OIF	OPERATION INSTRUMENTATION FACILITY
OIS	OPERATIONAL INSTRUMENTATION SYSTEM (IBM)
OL	OPEN LOOP
OLM	ON LINE MONITOR
OLU	OUTGOING LINE UNIT
OM	ORBIT MODIFICATION
OMSF	OFFICE OF MANNED SPACE FLIGHT
OMU	OPTICAL MEASURING UNIT
OPDAR	OPTICAL DETECTION AND RANGING
OPWG	OPERATIONAL PLANNING WORKING GROUP (CAPE)
OR	OPERATION'S REQUIREMENTS
ORD	OPERATIONAL READINESS DATE
ORD	OPERATIONS REQUIREMENTS DOCUMENT, OPERATIONAL READY DATE
ORL	ORBITAL RESEARCH LABORATORY
ORQA	OFFICE OF RELIABILITY AND QUALITY ASSURANCE
ORT	OPERATIONAL READINESS TEST
OSE	OPERATIONAL SUPPORT EQUIPMENT
OSO	OFFICE OF SPACE OPERATIONS
OSO	OPERATION SUPPORT OFFICE
OSO	ORBITING SOLAR OBSERVATORY
OSS	OFFICE OF SPACE SCIENCES OPTICAL SUBSYSTEM
OSS	OXYGEN SUPPLY SIMULATOR
OSSA	OFFICE OF SPACE SCIENCES AND APPLICATION
OSWG	OPTICAL SYSTEMS WORKING GROUP (IRIG)
OT	OPERATIONAL TEST
OT	OPTICAL TRACKER
OTCA	OVERSEAS TELECOMMUNICATION COMMISSION (AUSTRALIA)
OTDA	OFFICE OF TRACKING AND DATA ACQUISITION



OTP	OPERATIONAL TEST PROCEDURES
OUA	OPTICAL UNIT ASSEMBLY
PA-1	PROTOTYPE ASCENT PROPULSION RIG
PA	PAD ABORT
PA	POWER AMPLIFIER
PA	PRECISION ANGLE (SEXTANT)
PAA	PAN AMERICAN AIRWAYS
PAB	PROBABILITY OF ABORT
PACE	PRECISION ANALOGUE COMPUTER EQUIPMENT
PACE	PRELAUNCH AUTOMATIC CHECKOUT EQUIPMENT
PACE	PROGRAM AUTOMATIC CHECKOUT EQUIPMENT (NOW ACE)
PACPS	PLATFORM AC POWER SUPPLY
PAD	PREFLIGHT ASSURANCE DIVISION
PAD	PROJECT APPROVAL DOCUMENT
PAD	PROPELLANT ACTUATED DEVICE
PADAR	PASSIVE AIRBORNE DETECTION AND RANGING
PAFB	PATRICK AFB, FLA. (ETR)
PAM	PARTS AND MATERIALS
PAM	PULSE AMPLITUDE MODULATION
PAT	PATRICK AIR FORCE RACE
PATH	PERFORMANCE AND TEST HISTORY
PBS	PHYSIOLOGICAL BIOMEDICAL SYSTEM
PBT	POLYNOMIAL BUFFER TERMINATOR
PBX	PRIVATE BRANCH EXCHANGE (TELEPHONE)
PC	PARTICIPATING CONTRACTOR
PC	PITCH CONTROL
PC	PROGRAM CONTROL
PCA	POLAR CAP ABSORPTION
PCA	PRECISION CLEANING AGENT
PCA	PROGRAM COUPLER ASSEMBLY
PCCP	PRELIMINARY CONTRACT CHANGE PROPOSAL
PCD	PRESSURE CONTROL DEVICE
PCM	PITCH CONTROL MOTOR
PCM	PULSE CODE MODULATION
PCME	PULSE CODE MODULATION EVENT
PCMTE	PULSE CODE MODULATION + TIMING EQUIPMENT
PCMTEA	PULSE CODE MODULATION AND TIMING ELECTRONIC ASSEMBLY
PCN	PROCEDURE CHANGE NOTICES
PCN	PUBLICATION CHANGE NOTICE
PCS	PACIFIC COMMAND SHIP
PCS	PERMANENT CHANGE OF STATION
PCS	PORTABLE COMMUNICATIONS SYSTEM
PCT	PERCENT
PCU	PRIORITY CONTROL UNIT
PCU	PROGRAM CONTROL UNIT
PCVB	PYRO CONTINUITY VERIFICATION BOX
PCW	PULSED CONTINUOUS WAVE
PD-1	PROTOTYPE DESCENT PROPULSION RIG
P-CORD	PRELAUNCH CHECKOUT AND OPERATIONS DIRECTIVE
PDA	PRECISION DRIVE AXIS (SEXTANT)
PDA	PRE-DELIVERY ACCEPTANCE
PDD	PREMODULATION PROCESSOR - DEEP SPACE DATA
PDM	PULSE DURATION MODULATION
PDP	PROGRAMMED DATA PROCESSOR
PDP	PROJECT/PROGRAM DEVELOPMENT PLAN
PDR	PRELIMINARY DESIGN REVIEW
PDS	POWER DISTRIBUTION SECTION

PDV	PREMODULATION PROCESSOR - DEEP SPACE VOICE
PEI	PRELIMINARY ENGINEERING INSPECTION
PEP	PEAK ENVELOP POWER
PERT	PROGRAM EVALUATION AND REPORTING TECHNIQUE
PET	PRODUCTION ENVIRONMENTAL TEST
PFM	PULSE FREQUENCY MODULATION
PFOD	PRE-FLIGHT OPERATIONS DIVISION
PFRT	PRE-FLIGHT RATING TESTS
PFRT	PRELIM FLIGHT RATING TEST
PFSL	PROPULSION FEED SYSTEM LABORATORY (GAEC)
PFTS	POST FLIGHT TRAJECTORY SUBPANEL
PGA	PENDULOUS GYRO ACCELEROMETER
PGA	PRESSURE GARMENT ASSEMBLY
PGNCS	PRIMARY GUIDANCE AND NAVIGATION CONTROL SUBSYSTEM (FORMERLY PNGS)
PGNS	PRIMARY NAVIGATION + GUIDANCE SUBSYSTEM (GAEC)
PGR	PSYCHO-GALVANIC REACTION
PGS	POWER GENERATION SYSTEM
PH	HYDROGEN ION CONCENTRATION
PHO	PHILCO HOUSTON OPERATIONS
PIA	PRE-INSTALLATION ACCEPTANCE
PIA	PRELAUNCH INSTALLATION ACCEPTANCE
PIAPACS	PHYSIOLOGICAL INFORMATION, ACQUISITION, PROCESSING & CONTROL SY
PICS	PROGRAM INFORMATION CALL-UP SYSTEM
PIG	PENDULOUS INTEGRATING GYRO (ACCELEROMETER)
PIGA	PENDULOUS INTEGRATING GYROSCOPIC ACCELEROMETER
PIO	PUBLIC INFORMATION OFFICE
PIP	PREDICTED IMPACT POINT
PIP	PULSED INTEGRATING PENDULUM
PIPA	PULSE INTEGRATING PENDULOUS ACCELEROMETER
PIRD	PRELIMINARY INSTRUCTION REQUIREMENT DOCUMENT
PIRD	PROJECT INSTRUMENTATION REQUIREMENT DOCUMENT
PIRT	PRECISION INFRARED TRIANGULATION SYSTEM
PIT	PREINSTALLATION TEST (EXPO)
PITR	POST INSTALLATION TEST REQUIREMENT
PIW	PACIFIC INJECTION WINDOW
PKG	PHONOCARDIOGRAM
PL	POST LANDING
PL	PRE-LAUNCH
PLIM	POST LAUNCH AND INSTRUMENTATION MESSAGE
PLO	PACIFIC LAUNCH OPERATIONS
PLPS	PROPELLANT LOADING AND PRESSURIZATION SYSTEM
PLSC	POSTLANDING SEQUENCE CONTROLLER
PLSS	PERSONAL LIFE SUPPORT SYSTEM
PLSS	PORTABLE LIFE SUPPORT SUBSYSTEM
PLSS	POST LANDING SURVIVAL SYSTEM
PM	PHASE MODULATION
PM	POST MERIDIAN
PM	PRODUCTION MODEL
PM	PROTOTYPE MODEL
PM	PULSE MODULATION
PMEL	PRECISION MEASUREMENT EQUIPMENT LABORATORY
PMM	PULSE MODE MULTIPLEX
PMP	PREMODULATION PROCESSOR
PMP	PROGRAM MANAGEMENT PLAN
PMR	PACIFIC MISSILE RANGE (VANDENBERG AF BASE)
PMRF	PACIFIC MISSILE RANGE FACILITY

PMS	PHYSIOLOGICAL MONITORING SYSTEMS
PMS	POWER MEASUREMENT SET
PND	PREMODULATION PROCESSOR NEAR EARTH DATA
PNGS	PRIMARY NAVIGATION AND GUIDANCE SUBSYSTEM (PGNS)
PO	PARKING ORBIT
PO	PURCHASE ORDER
POD	PRELAUNCH OPERATIONS DIVISION (NASA)
POD	PREFLIGHT OPERATIONS DIVISION
POMS	PRECISION OPTICAL MEASURING SYSTEM
PORT	PHOTO-OPTICAL RECORDING TRACKER
PPI	PLAN POSITION INDICATOR
PPM	PARTS PER MILLION
PPM	POST-PASS MESSAGE ANALYSIS
PPM	PULSE PER MINUTE
PPM	PULSE POSITION MODULATION
PPP	PEAK PULSE POWER
PPO	PACE PROJECT OFFICE
PPS	PRIMARY PROPULSION SYSTEM
PPS	PULSES PER SECOND
PPSL	PROVEN PARTS AND SOURCE LIST
PQGS	PROPELLANT QUANTITY GAUGING SYSTEM
PR	PRESSURE RELIEF
PR	PROCUREMENT REQUESTS
PR	SAN JUAN PUERTO RICO (ETR STATION 9.2)
PR	PULSE RATE
PRA	PENDULUM REFERENCE AXIS
PRA	PRECESSION REFERENCE AXIS
PRA	PROGRAM READER ASSEMBLY
PRD	PASSIVE RANGING DOPPLER
PRD	PRE-RETRO UPDATE DISPLAY
PRD	PROGRAM REQUIREMENTS DOCUMENT
PRD	PULSE RATE DIVIDER
PRE	PRETORIA, SOUTH AFRICA (STATION 13, ETR)
PRELORT	PRECISION LONG RANG TRACKING RADAR
PRF	PULSE REPETITION FREQUENCY
PRH	PROGRAM REQUIREMENTS HANDBOOK
PRISM	PROGRAMED INTEGRATED SYSTEM MAINTENANCE
PRN	PSEUDO RANDOM NOISE
PRR	PULSE-REPETITION RATE
P/S	PARALLEL TO SERIAL
PS	POWER SUPPLY
PS	PRESSURE SWITCH
PS	PROCESS SPECIFICATION
P/S	PROPULSION SUBSYSTEM
PSA	POWER AND SERVO ASSEMBLY
PSA	POWER AND SEQUENCING ASSEMBLY
PSAC	PRESIDENTS SCIENTIFIC ADVISORY COMMITTEE
PSD	POWER SPECTRAL DENSITY
PSDF	PROPULSION SYSTEMS DEVELOPMENT FACILITY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
PSIG	POUNDS PER SQUARE INCH GAUGE
PSK	PHASE SHIFT KEYING
PSK	PULSE SHIFT KEYING
PSL	PRESENT SENSE LINES (INSTRUCTION)

PSR	PROGRAM SUPPORT REQUIREMENTS
PSS	PAD SAFETY SUPERVISOR
PSU	PHASE SYNCHRONIZING UNIT
PT	PRESSURE TEST
PT	PRESSURE TRANSDUCER
PTCR	PAD TERMINAL CONNECTION ROOM
PTCS	PROPELLANT TANKING COMPUTER SYSTEM (KSC)
PTG	PULSE TORQUE GENERATOR
PTM	PROOF TEST MODEL
PTP	PULSED INTEGRATING PENDULUM
PTPS	PROPELLANT TRANSFER PRESSURIZATION SYSTEM
PTT	PUSH TO TALK
PTU	PRODUCTION TEST UNIT
PTV	PARACHUTE TEST VEHICLE
PTV	PITCH THRUST VECTOR
PTVA	PROPULSION TEST VEHICLE ASSEMBLY
PU	PROPELLANT UTILIZATION
PU	PROPULSION UNIT
PUCS	PROPELLANT UTILIZATION CONTROL SYSTEM
PUG	PROPELLANT UTILIZATION AND GAGING SYSTEM
PV	PURGE VALVE
PVAC	PEAK VOLTS ALTERNATING CURRENT
PVR	PRECISION VOLTAGE REFERENCE
PVSE	PRIMARY VEHICLE SYSTEM ENGINEER
PWA	PRATT AND WHITNEY AIRCRAFT
PWM	PULSE WIDTH MODULATION
q	DYNAMIC PRESSURE, LB/SQ FT
qa	PRODUCT OF DYNAMIC PRESSURE AND ANGLE OF ATTACK (LB/SQ FT) (DEG)
QA	QUALITY ASSURANCE
QAIS	QUALITY ASSURANCE INSTRUCTION SHEET
QAM	QUALITY ASSURANCE MANUAL
QAT	QUALITY ASSURANCE TEST
QC	QUALITY CONTROL
QCOP	QUALITY CONTROL OPERATION PROCEDURE
QD	QUICK DISCONNECT
QLR	QUICK LOOK REPORT
QM	QUALIFIED MODEL
QRD	QUICK RELEASE DISCONNECT
QSL	QUALIFICATION STATUS LIST
QT	QUALIFICATION TEST
QT	QUALITY TEST
QTM	QUALIFICATION TEST MODEL
QTP	QUALIFICATION TEST PROGRAM
QTV	QUALIFICATION TEST VEHICLE
QVVT	QUALIFICATION VERIFICATION VIBRATION TESTING
R	ROENTGEN
R	ROLL
R/A	RADAR ALTIMETER
RA	RADIATION ANALYSIS
RAC	RECEIVER AUDIO CENTER
RACEP	RANDOM ACCESS + CORRELATION FOR EXTENDED PERFORMANCE (MARTIN)
RAD	RADIATION ABSORBED DOSAGE
RAD	RADIAL
RAD	RADIATION ABSORBED DOSE
RADA	RANDOM ACCESS DISCRETE ADDRESS (RCA)
RADAR	RADIO DETECTION AND RANGING

RADC	ROME AIR DEVELOPMENT CENTER (ROME, NEW YORK)
RADDAC	RADAR ACQUISITION DATA DISTRIBUTION AND CONTROL
RADEM	RANDOM ACCESS DELTA MODULATION (MOTOROLA)
RADOT	REAL-TIME AUTOMATIC DIGITAL OPTICAL TRACKER
RADVS	RADAR ALTIMETER AND DOPPLER VELOCITY SENSOR
RAE	RANGE, AZIMUTH AND ELEVATION
RAFDO	RE-ENTRY ASSISTANT FLIGHT DYNAMICS OFFICER
RAMPART	RADAR ADVANCED MEASUREMENTS PROGRAM FOR ANALYSIS OF RE-ENTRY TECHNIQUES
RANDAM	RANDOM ACCESS NON-DESTRUCTIVE, ADVANCED MEMORY
RAPCON	RADAR APPROACH CONTROL CENTER (USAF)
RASPO	RESIDENT APOLLO SPACECRAFT PROGRAM OFFICE
RATS/E/	RANGE AND/OR ANGLE TRACKING SENSOR EQUIPMENT
RAYSPAN	RAYTHEON SPECTRUM ANALYZER
R-B	RADAR BEACON
RBA	RADAR BEACON ANTENNA
RBE	RADIATION BIOLOGICAL EFFECTIVENESS
R-C	RADIO COMMAND
RC	RATE COMMAND
RC	REACTION CONTROL
RC	RELIABILITY CONTROL
RC	RETROFIRE CONTROLLER
RC	REVERSE CURRENT
RCC	RADIO COMMAND CONTROL
RCE	RADIO COMMAND EQUIPMENT
RCC	RANGE CONTROL CENTER
RCC	RECOVERY CONTROL CENTER
RCNM	REACTION CONTROL NUMBERING MATRIX
RCP	RECOVERY COMMAND POST (REMOTE)
RCS	REACTION CONTROL SUBSYSTEM
RCS	READINESS CONTROL STATION
RCS	REENTRY CONTROL SYSTEM
RCSC	REACTION CONTROL SUBSYSTEM CONTROLLER
RCVR	RECEIVER
RD	RECEIVED DATA
RD	RESEARCH AND DEVELOPMENT
RDB	RADAR DATA BUFFER
RDMU	RANGE-DRIFT MEASURING UNIT
RDMU	RETICLE DISPLAY MEASUREMENT UNIT
RDS	RECEIVER-DECODER SELECTOR
RDSM	REMOTE DIGITAL SUBMULTIPLEXER
RDT	RADAR DATA TRANSMITTER
REC	RECIFE, BRAZIL
RECP	REQUEST FOR ENGINEERING CHANGE PROPOSAL
REM	ROENTGEN EQUIVALENT MAN
REP	RELIABILITY ENGINEERING PROCEDURE
REP	RENDEZVOUS EVALUATION PAD
RF	RADIO FREQUENCY
RF	RECOVERY FORCES
RFA	REQUEST FOR ALTERATION
RFBA	REQUEST FOR BUDGET ADJUSTMENT
RFC	REQUEST FOR CHANGE
RFI	RADIO FREQUENCY INTERFERENCE
RFP	REQUEST FOR PROCUREMENT
RFP	REQUEST FOR PROPOSAL
RFQ	REQUEST FOR QUOTE
RFR	REQUEST FOR REVIEW
RFS	RADIO FREQUENCY SYSTEMS

RFWAR	REQUIREMENTS FOR WORK AND RESOURCES
RG	RATE GYROSCOPE
RGA	RATE GYRO ASSEMBLY
RGAVS	RANGE GEMINI TO AGENA VISUAL (LINE OF SIGHT)
RGAVS	VISUAL LINE OF SIGHT RANGE
RGP	RATE GYRO PACKAGE
RGS	RADIO GUIDANCE SYSTEM
RH	RIGHT HAND
RHCP	RIGHT-HANDED CIRCULAR POLARIZATION
RHEB	RIGHT-HAND EQUIPMENT BAY
RHI	RANGE HEIGHT INDICATOR
RICS	REMOTE INSTRUMENTATION CONTROL SYSTEM
RID	REVIEW ITEM DISPOSITION
RIME	RADIO INERTIAL MEASURING EQUIPMENT
RIME	RADIO INERTIAL MONITORING EQUIPMENT
RIOS	RECEIVING INSPECTION OPERATION SHEET
RIPCO	RECEIVING INSPECTION AND PREPARATION FOR CHECKOUT
RIPS	RADAR IMPACT PREDICTION SYSTEM
RJDS	REACTION JET DRIVERS -(NAA)
RKV	ROSE KNOT VICTOR
RM	RENDEZVOUS MANEUVER
RMD	REACTION MOTORS DIVISION (DOVER, NEW JERSEY)
RMR	REFERENCE MIXTURE "TIO
RMRC	REFERENCE MIXTURE RATIO CHANGE
RMS	ROOT MEAN SQUARE
RO	RECOVERY OPERATIONS
RO	REFERENCE OSCILLATOR
ROD	RATE OF DESCENT
ROM	ROUGH ORDER OF MAGNITUDE
ROTI	RECORDING OPTICAL TRACKING INSTRUMENT
ROTR	RECEIVE ONLY TYPING REPERFORATOR
RP-1	ROCKET PROPELLANT NO. 1 /KEROSENE/
RPM	REVOLUTIONS PER MINUTE
R + QA	RELIABILITY AND QUALITY ASSURANCE
R AND R	RENDEZVOUS AND RECOVERY
RR	RENDEZVOUS RADAR
RR	RESPIRATION RATE
RR	RETROCKET
R + R DOT	RANGE AND RANGE RATE
RRE	RENDEZVOUS RADAR EQUIPMENT
RRR	REVISION REVIEW RECORD
RRS	RESTRAINT RELEASE SYSTEM
RR/T	RENDEZVOUS RADAR/TRANSPONDER
RS	REMOTE STATION
RSC	RANGE SAFETY CONTROL
RSC	RATE SYSTEMS CONSOLE
RSCIE	REMOTE STATION COMMUNICATION INTERFACE EQUIPMENT
RSCS	RATE STABILIZATION AND CONTROL SUBSYSTEM
RSDP	REMOTE SITE DATA PROCESSOR
RSDS	RANGE SAFETY DESTRUCT SYSTEM
RS/E	RANGE SENSOR/EQUIPMENT
RSJ	RADIO STATION JAPAN (LIKE WWV)
RSO	RANGE SAFETY OFFICER
RSOB	RANGE SAFETY OBSERVER
RSS	REACTANTS SUPPLY SYSTEM
RSS	ROOT SUM SQUARE
RSTC	RADAR SYSTEM TEST CONSOLE

RST/S	RANGE SIMULATION TEST/SET
RSU	RANGE SIMULATION UNIT
R/T	REAL TIME
R-T	RECEIVER-TRANSMITTER
RT	RELIABILITY TEST
R-T	REPERFORATOR TRANSMITTER UNIT
RT	RETRO TABLE
RTC	REAL-TIME COMMAND
RTC	REAL TIME COMPUTER
RTC	ROOM TEMPERATURE VULCANIZING
RTCC	REAL-TIME COMPUTATION CENTER
RTCC	REAL TIME COMPUTING COMPLEX
RTCF	REAL-TIME COMPUTER FACILITY
RTDS	REAL-TIME DATE SYSTEM (WSMR)
RTG	RADIOISOTOPE THERMOELECTRIC GENERATOR
RTK	RANGE TRACKER (SHIP)
RTM	REAL TIME MESSAGE
RTS	REAL TIME SCAN UNIT
RTSS	REAL TIME SIMULATION SYSTEM
RTTV	REAL TIME TELEVISION
RTU	RECOVERY TASK UNIT
RTV	RE-ENTRY TEST VEHICLE
RV	REENTRY VEHICLE
RVR	RENDEZVOUS RADAR
RX	RECEIVER
R + Z	RANGE AND ZERO
RZ	RETURN TO ZERO
S-I	SATURN I
S-IC	FIRST BOOSTER STAGE (SATURN V)
S-II	SATURN II
S-II	SECOND BOOSTER STAGE (SATURN V)
S-IV-B	THIRD BOOSTER STAGE (SATURN V)
S-IVB	SATURN IVB
S-V	SATURN V
SA	SATURN APOLLO
SA	SHAFT ANGLE (MIT)
SA	STEERABLE ANTENNA
SAC	STRATEGIC AIR COMMAND
SACL	SYSTEM AND COMPONENT LOG
SACTO	SACRAMENTO CALIFORNIA, TEST OPERATIONS
SAE	SHAFT ANGLE ENCODER
SAF	SPACECRAFT ASSEMBLY FACILITY
SAGE	SEMI-AUTOMATIC GROUND ENVIRONMENT (ADC/ESD)
SAND	SITE ACTIVATION NEED DATE
SAN SAL	SAN SALVADOR ISLAND (STATION 5, ETR)
SAR	SEARCH AND RESCUE
SARAH	SEARCH, RANGE AND HOMING BEACON
SAT	SYSTEM ASSEMBLY AND TEST
SATCOM	ARMY SATELLITE COMMUNICATIONS AGENCY
SATIF	SCIENTIFIC AND TECHNICAL INFORMATION FACILITY
SAVS	STATUS AND VERIFICATION SYSTEM
SBUE	SWITCH BACK UP ENTRY - (NAA)
SC	SIGNAL CONDITIONER
S/C	SPACECRAFT
S AND C	STABILIZATION AND CONTROL
SCA	SIGNAL CONDITIONING ASSEMBLY
SCA	SCHEDULE CHANGE AUTHORIZATION

SCA	SIMULATION CONTROL AREA
S/CA	SPACECRAFT ADAPTER
SCAMA	SWITCHING CONFERENCING AND MONITORING ARRANGEMENT
SCARF	SPECIAL COMMITTEE ON THE ADEQUACY OF RANGE FACILITIES
SCAT	SPACE COMMUNICATIONS AND TRACKING
SCATS	SIMULATION, CHECKOUT, AND TRAINING SYSTEM /IMCC/
SCC	SPACECRAFT COMMAND CONTROLLER
SCD	SCHEDULED COMPLETION DATE
SCD	SPECIFICATION CONTROL DRAWING
SCD	SUB-SYSTEM COMMAND DECODER
SCE	SIGNAL CONDITIONING EQUIPMENT
SCEA	SIGNAL CONDITIONER ELECTRONICS ASSEMBLY
SCEA	SIGNAL CONDITIONER EQUIPMENT ASSEMBLY
SCF	SEQUENCE COMPATIBILITY FIRING
SCF	SPACECRAFT CHECK-OUT FACILITY
SCG	SEISMOCARDIOGRAM
SCIP	SELF-CONTAINED INSTRUMENTATION PACKAGE
SCN	SPECIFICATION CHANGE NOTICE
SCO	SPACECRAFT OPERATIONS OFFICE
SCO	SUBCARRIER OSCILLATOR
SCORE	SATELLITE COMPUTER-OPERATED READINESS EQUIPMENT (SSO)
SCPA	SCS CONTROL PANEL – (NAA)
SCR	SILICON-CONTROLLED RECTIFIER
SCR	STRIP CHART RECORDER
SCR	SIGNAL CONDITIONER (NAA)
SCS	SEQUENCE CONTROL SYSTEM
SCS	SPACECRAFT CONTROL SYSTEM
SCS	STABILIZATION AND CONTROL SUBSYSTEM
SCSCP	SEQUENCE CONTROL SYSTEM CONTROL PANEL
SCT	SCAN TELESCOPE
SCT	SERIAL CLOCK TRANSMITTER
SCT	SPACECRAFT CREW TRAINER
S/CTC	SPACECRAFT TEST CONDUCTOR
S/CTC	SPACECRAFT TEST CREW
SCTE	SPACECRAFT CENTRAL TIMING EQUIPMENT
SCU	SIGNAL CONDITIONING UNIT
SD	SEND DATA
SD	SUB-SYSTEM COMMAND DECODER
SDA	SEXTANT DRIVE AXIS
SDA	SHAFT DRIVE AXIS
SDARS	STRAPPED-DOWN ALL-ATTITUDE REFERENCE SYSTEM
SDBGS	STRAPPED-DOWN BACK-UP GUIDANCE SYSTEM
SDC	SPACE DIGITAL COMPUTER
SDC	SYSTEM DEVELOPMENT CORP
SDCS	SIMULATION, CHECKOUT AND TRAINING-DCS (SCATS)
SDD	SUBCHANNEL DATA DISTRIBUTORS
SDF	SINGLE DEGREE OF FREEDOM
SDI	SELECTIVE DISSEMINATION OF INFORMATION (MSC LIBRARY)
SDP	SUBSYSTEM DEVELOPMENT PLAN
SDS	SIMULATION DATA SUBSYSTEM
SDS	SIMULATION DESIGN SECTION
SDS	SPLASH DETECTION SYSTEM
S-E	SEQUENCE OF EVENTS
SE	SYSTEM ENGINEER
SECO	SUSTAINER ENGINE CUT-OFF
SECOR/DME	SEQUENTIAL COLLATION OF RANGE
SECS	SEQUENTIAL EVENTS CONTROL SUBSYSTEM



SECS SDP	SEQUENTIAL EVENTS CONTROL SUBSYSTEM DEVELOPMENT PLAN (NAA)
SEDO	SYSTEMS EVALUATION AND DEVELOPMENT DIVISION - NASA
SEDR	SYSTEMS ENGINEERING DEPARTMENT REPORT (MAC)
SEP	SPACECRAFT ELECTRONIC PACKAGE
SESL	SPACE ENVIRONMENT SIMULATION LABORATORY /MSC/ HOUSTON, TEXAS
SE/TD	SYSTEMS ENGINEERING AND TECHNICAL DIRECTION
SETS	SOLAR ENERGY THERMIONIC CONVERSION SYSTEM
SFA	SUN FINDER ASSEMBLY
SFC	SPECIFIC FUEL CONSUMPTION
SFOF	SPACE FLIGHT OPERATIONS FACILITY (JPL)
SFOP	SPACE FLIGHT OPERATIONS PLAN
SG	SIGNAL GENERATOR
SG	STIMULUS GENERATOR
SGC	SPACE GENERAL CORPORATION
SGLS	SPACE-TO-GROUND LINK SUBSYSTEM
SHA	SIDEREAL HOUR ANGLE
SHF	SUPER-HIGH FREQUENCY (3,000 TO 30,000 Mc)
SHG	STEERABLE HIGH-GAIN
SHORAN	SHORT RANGE NAVIGATION
S-1	SPHERE OF INFLUENCE
S-1	SATURN I
SI	SYSTEM INTEGRATION
SIA	SYSTEMS INTEGRATION AREA
SIC	SIMULATED INPUT CONTROL
S + ID	SPACE AND INFORMATION SYSTEMS DIVISION (NAA)
SIDL	SYSTEM IDENTIFICATION DATA LIST
SILS	SHIPBOARD IMPACT LOCATION SYSTEM
SIMCHE	SIMULATION AND CHECKOUT EQUIPMENT
SINS	STELLAR-INERTIAL NAVIGATION SYSTEM
SIS	SCIENTIFIC INSTRUMENTATION SYSTEM
SIS	SIMULATION INTERFACE SUBSYSTEM
SITF	SPACECRAFT INSTRUMENTATION TEST EQUIPMENT
SL	SWITCH LIGHT
SLA	SPACECRAFT LAUNCH-VEHICLE ADAPTER
SLA	SPACECRAFT - LM ADAPTER
SLU	ST. LUCIA (STATION 10, ETR)
SLV	SPACE LAUNCH VEHICLE
SM	SERVICE MODULE
SM	STABLE MEMBER
SMCC	SIMULATION MONITOR AND CONTROL CONSOLE
SMCU	SIMULATED MONITOR AND CONTROL UNIT
SMCX	STEERING MISALIGNMENT CORRECTION TERM
SMD	SYSTEMS MEASURING DEVICE
S MDF	SCATS MAIN DISTRIBUTION FRAME
SMI	SERVICE MODULE INSERT
SMJC	SERVICE MODULE JETTISON CONTROLLER
SML	SUPPORT MATERIAL LIST
SMOC	SIMULATION MISSION OPERATION COMPUTER
SMP	SUMMARY MANEUVER PLAN
SMR	SMALL MISSILE RANGE
SM RCS	SERVICE MODULE REACTION CONTROL SUBSYSTEM
SMRD	SPIN MOTOR ROTATION DETECTOR
SMS	STANDARD MODULAR SYSTEM
SMSA	SIGNAL MISSILE SUPPORT AGENCY (ARMY)
SMSC	SERVICE MODULE SEQUENCE CONTROLLER
SMT	SMALL MISSILE TELECAMERA
S/N	SERIAL NUMBER, SIGNAL TO NOISE RATIO

SNR	SIGNAL TO NOISE RATIO
SOC	SATELLITE OPERATIONS CONTROL CENTER
SOC	SIMULATION OPERATION COMPUTER
SOFAR	SOUND FIXING AND RANGING
SOM	START OF MESSAGE
SORTI	STAR ORIENTED REAL-TIME TRACKING INSTRUMENT
SORTIS	STAR ORIENTED REAL-TIME INSTRUMENTATION SYSTEM
SOS	SHARE OPERATING SYSTEM
SOS	SPACE ORDINANCE SYSTEMS
SOTIM	SONIC OBSERVATION OF TRAJECTORY AND IMPACT OF MISSILES
SOV	SHUT OFF VALVE
SOW	START OF WORD
SP	STATIC PRESSURE
S/P	SERIAL TO PARALLEL
SPA	S-BAND POWER AMPLIFIER (NAA)
SPA	SERVO POWER ASSEMBLY
SPACE	SPACECRAFT PRELAUNCH AUTOMATIC CHECKOUT EQUIPMENT (NOW ACE)
SPACON	SPACE COMMUNICATIONS NETWORK
SPADATS	SPACE DETECTION AND TRACKING SYSTEM
SPAF	SIMULATION PROCESSOR AND FORMATTER
SPANDAR	SPACE RANGE RADAR (RAYTHEON)
SPASUR	SPACE SURVEILLANCE SYSTEM (USN, RELATED TO SPADATS)
SPC	STORED PROGRAM COMMAND
SPD	STORED PROGRAM DECOMMUTATOR
SPE	SERVICE PROPULSION ENGINE
SPG	SINGLE POINT-GROUND
SPL	SOUND PRESSURE LEVEL
SPMX	SPEED-O-MAX PEN RECORDER
SPO	SYSTEMS PROJECT OFFICE
SPR	SOLID PROPELLANT ROCKET
SPS	SECONDARY PROPULSION SYSTEM
SPS	SERVICE PROPULSION SUBSYSTEM
SPU	SERVICE PROPULSION UNIT
SQW	SQUARE WAVE
SRA	SPIN REFERENCE AXIS
SRC	SAMPLE RETURN CONTAINER
SRCS	STABILIZATION AND REACTION CONTROL SUBSYSTEMS
SRO	SUPERVISOR RANGE OPERATIONS
SRP	SEAT REFERENCE POINT (PLANE)
SRS	SIMULATED REMOTE SITE
SRSCC	SIMULATED REMOTE SITE CONTROL CONSOLE
SRSS	SIMULATED REMOTE SITE SUBSYSTEM
SRTR	SYNTHETIC RADAR TARGET RANGE
SS	SWITCH SELECTOR
S/S	SAMPLES PER SECOND
S/S	SUB/SYSTEM
SS	STATION SELECTOR
SSA	SPACE SUIT ASSEMBLY
SSA	SEXTANT SHAFT ANGLE
SSA	SPACE SUIT ASSEMBLY
SSB	SINGLE SIDE BAND
SSC	SPACE SUIT COMMUNICATIONS
SSD	SPACE SYSTEMS DIVISION , USAF
SSDF	SPACE SCIENCE DEVELOPMENT FACILITY (NAA)
SSE	SPACECRAFT SIMULATION EQUIPMENT
SSECO	SECOND-STAGE ENGINE CUTOFF
SSET	SURVEYOR SCIENTIFIC EVALUATION TEAMS

SSI	SAN SALVADOR ISLAND (STA 5, ETR)
SSI	SECOND STAGE IGNITION
SSL	STORE SENSE LINES (INSTRUCTION)
SSO	SPACECRAFT SYSTEMS OFFICER
SSR	STAFF SUPPORT ROOM
SSR	SYSTEM SUPPORT ROOM
SST	SIMULATED STRUCTURAL TEST
SST	SPACECRAFT SYSTEMS TEST
SSTO	SECOND STAGE TAIL OFF
STA	SEXTANT TRUNNION ANGLE
STADAN	SPACE TRACKING AND DATA ACQUISITION NETWORK
STAR	SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS
STB	SYSTEMS TEST BRANCH
STC	SPACECRAFT TEST CONDUCTOR
STC	SYSTEM TEST COMPLEX
STD	SPACECRAFT TECHNOLOGY DIVISION
STDA	SEXTANT TRUNNION DRIVE AXIS
STE	SPECIAL TEST EQUIPMENT
STE	SPACECRAFT TEST ENGINEER
STEA	SYSTEM TEST EQUIPMENT ASSEMBLY
STG	SPACE TASK GROUP
STL	SPACE TECHNOLOGY LABORATORIES INC
STM	SERVICE TEST MODEL
STU	SPECIAL TEST UNIT
STU	STATIC TEST UNIT
STU	SPECIAL TEST UNITS (GSEI)
S-V	SATURN V
SV	SPACE VEHICLE
SVSE	SUPPORT VEHICLE SYSTEMS ENGINEER
SVT	SYSTEM VERIFICATION TESTS (NAA)
S-W	STATEMENT OF WORK
SWIP	SUPER WEIGHT IMPROVEMENT PROGRAM
SWR	STANDING WAVE RATIO
T	LAUNCH TIME
T	TIME (UNITS SPECIFIED)
TA	TEST ARTICLE
TA	TIMER ASSEMBLY
TA	TRAJECTORY ANALYSIS
TA	TRANSLATION ACCELERATION
TA	TRAVEL AUTHORIZATION
TA	TRUNNION ANGLE (SEXTANT)
TAC	TRANSMITTER - AUDIO CENTER
TAC-NAV	TACTICAL-NAVIGATION DISPLAY
TAG	IDENTIFICATION
TAIR	TEST AND INSPECTION RECORD
TAR	TEST AGENCY REPORT
TARE	TELEMETRY AUTOMATIC REDUCTION EQUIPMENT
TBD	TO BE DETERMINED
TC	TEST CONDUCTOR
TC	TIME TO COMPUTE (IBM)
TC	THERMOCOUPLE
TC	TRANSFER CONTROL
T/C	THRUST CHAMBER
T/C	TRANSMITTING AND COMMAND
T/C	TEST CONTROLLER
TCA	THRUST CHAMBER ASSEMBLY
TCA	THRUST CONTROLLER ASSEMBLY

TCA	TRANSLATION CONTROLLER ASSEMBLY
TCD	TEST COMPLETION DATE
TCFV	THRUST CHAMBER FUEL VALVE
TCM	TEMPERATURE CONTROL MODEL
TCM	TRACKING CAMERA MOUNT
TCOV	THRUST CHAMBER OXIDIZER VALVE
TCS	TEMPERATURE CONTROL SYSTEM
TCSC	TRAINER CONTROL AND SIMULATION COMPUTER
TCSTS	TIME CRITICAL STATUS TRANSMISSION SUB-SYSTEM
TCTO	TIME COMPLIANCE TECHNICAL ORDER
TCTR	TIME-COMPLIANCE TECHNICAL REQUIREMENTS
TD	TECHNICAL DIRECTIVE
TD	TIME DELAY
TD	TOUCH DOWN
T AND D	TRACKING AND DATA
TDA	TARGET DOCKING ADAPTER
TDA	TRUNNION DRIVE-AXIS (SEXTANT)
TDA	TARGET DOCKING ADAPTER
TDD	TIMING DATA DISTRIBUTION
TDDL	TIME DIVISION DATA LINK
TDIO	TIMING AND DATA INPUT-OUTPUT
TDM	TELEMETRIC DATA MONITOR
TDM	TIME DIVISION MULTIPLEX
TDP	TRACKING DATA PROCESSOR
TDR	TEST DISCREPANCY REPORT (NAA)
TDS	TRAJECTORY DATA SYSTEM
TDWD	TRANSONIC DYNAMIC WIND TUNNEL (LRC)
TDY	TEMPORARY DUTY
T/E	TELEMETRY EVENT
TE	TIMING ELECTRONICS
TE	TRANS-EARTH
TEA	TRANS-EARTH ABORT
TEC	TRANS-EARTH COAST
TEI	TRANS-EARTH INJECTION
TEL 2	TELEMETRY 2
TEL 3	TELEMETRY 3
TELEDAC	TELEMETRY PULSE DATA DECOMMUTATOR
TEM	TERMINAL ENERGY MANAGEMENT DISPLAY
TEM	TRANS-EARTH MIDCOURSE
TEO	TRANS-EARTH ORBIT
TET	TRANS-EARTH TRAJECTORY
TF	TEST FACILITY
TFR	TROUBLE AND FAILURE REPORT
TG	TERMINAL GUIDANCE
TG	TORQUE GENERATOR
TGS	TELEMETRY GROUND STATION
TI	TIMING INTERNAL, TEXAS INSTRUMENTS, INC
TIDC	TECHNICAL INFORMATION DATA CENTER
TIM	TRACKING INSTRUMENT MOUNT
TIROS	TELEVISION INFRARED OBSERVATION SATELLITE
TJM	TOWER-JETTISON MOTOR
TL	TRANS-LUNAR
TLC	TRANSLUNAR COAST
TLF	TERMINAL LANDING FACILITY
TLG	LOW GATE TARGET
TLI	TRANSLUNAR INJECTION
TLO	TRANS-LUNAR ORBIT

TLT	TRANS-LUNAR TRAJECTORY
TLV	TEST LAUNCH VEHICLE
TM	TECHNICAL MANUAL, TELEMETRY
TM	TELEMETRY
TM	TEST MODEL
TMC	THE MARQUARDT COMPANY, VAN NUYS, CALIFORNIA
TMG	THERMAL METEOROID GARMENT
TMS	TELEMETRY MULTIPLEX SYSTEM
TN	TECHNICAL NOTE
TO	TECHNICAL ORDER
T AND O	TEST AND OPERATION
T-O	TIME OF LAUNCH
TOI	TRANSFER ORBIT INSERTION
TOPS	THRUST OK PRESSURE SWITCHES
TORF	TIME OF RETROFIRE END OF MISSION
TP	TEST POINT
TP	TEST PROCEDURE
TPA	TEST PREPARATION AREA
TPE	TEST PROJECT ENGINEER (NAA)
TPI	TERMINAL PHASE INITIATION
TPR	TELESCOPIC PHOTOGRAPHIC RECORDER
TPS	TEST PREPARATION SHEET
TPS	THERMAL PROTECTION SUBSYSTEM
TR	TAPE RECORDER
TR	TEST REQUEST
TR	TIME TO RETRO-FIRE
T/R	TRANSMITTER/RECEIVER
T/R	TRAVEL REQUEST
TRAC	TOTAL RECORDS ACCESS CONTROL INAA)
TRAC(E)	TRACKING AND COMMUNICATION (EXTRATERRESTRIAL)
TRI	TRINIDAD (STATION 40, ETR)
TRIDOP	TRIANGULATION DOPPLER
TRS	TIME REFERENCE SYSTEM (SPACECRAFT)
TRS	TIME REFERENCE SYSTEM
TRUMP	TARGET RADIATION MEASUREMENT PROGRAM
TRW	THOMPSON-RAMO-WOOLRIDGE
TSB	TECHNICAL SUPPORT BUILDING
TSE	TEST SUPPORT EQUIPMENT
TSS	TRANSMIT SU85 SYSTEM
TSSS	TEST SITE STORAGE SITES
TSU	TIME STANDARD UNIT
TTC	TELEMETRY-TRACKING AND COMMAND
TTCA	THRUST/TRANSLATION CONTROLLER ASSEMBLY
TTG	TIME TO GO
TTM	THERMAL TEST MODEL
TTR	TARGET TRACKING RADAR
TTY	TELETYPE
TTY-FD	FULL DUPLEX TELETYPE
T/V	THERMAL VACUUM
TVA	THRUST VECTOR ALIGNMENT
TVC	THRUST VECTOR CONTROL
TVCS	THRUST VECTOR CONTROL SYSTEM
TVD	VERTICAL DESCENT TARGET
TVSM	TELEVISION SYSTEMS MONITOR
T/W	THRUST TO WEIGHT RATIO
TWT	TRAVELING WAVE TUBE
TWX	TELETYPE (TELEGRAM)

TX	TRANSMITTER
TX	TIME TO RESET
TXR	TRANSMIT - RECEIVE
UA	URINALYSIS
UAC	UNITED AIRCRAFT CORP
UAMP	MICROAMPERES
UCR	UNSATISFACTORY CONDITION REPORT
UCSD	UNIVERSAL COMMUNICATIONS SWITCHING DEVICE
UDL	UP DATA LINK
UDMH	UNSYMMETRICAL DIMETHYL HYDRAZINE
UDOP	ULTRA HIGH FREQUENCY DOPPLER
UDRL	UP-DOWN, RIGHT-LEFT
UFS	UNIFIED FREQUENCY SYSTEM
UHF	ULTRA-HIGH FREQUENCY (300-3000 MC)
UI/IN	MICROINCHES PER INCH
UK	UNKNOWN
UK	UNITED KINGDOM
UNPS	UNIVERSAL POWER SUPPLY - NAA
UR	UNSATISFACTORY REPORT
UR	UP RANGE (ETR)
MuS	MICROSECONDS
USAF	US AIR FORCE
USAS	UNITED STATES ARMY SHIP
USASSA	US ARMY SIGNAL SUPPLY AGENCY
USB	UPPER SIDE BAND
USBE	UNIFIED S-BAND EQUIPMENT (NAA)
USCTP	UNIFIED S-BAND COMPATIBILITY TEST PROGRAM
USGS	UNITED STATES GEOLOGICAL SURVEY
USVMS	URINE SYSTEM VOLUME MEASURING SYSTEM (EXPO)
USWB	UNITED STATES WEATHER BUREAU
U.T.	UNIVERSAL TIME
UV-IR	ULTRA VIOLET-INFRARED
UW	MICROWATTS
V-A	VERLORT-AZIMUTH
VAB	VERTICAL ASSEMBLY BUILDING
VAC	VOLTS ALTERNATING CURRENT
VC	VOICE COORDINATION
VC	VOICE FREQUENCY CHANNEL
VCC	VOICE CONTROL CENTER
VCD	VELOCITY CHANGE DISPLAY
VCI	VELOCITY CHANGE INDICATOR
VCO	VEHICLE CARRIER OSCILLATORS
VCO	VOLTAGE CONTROLLED OSCILLATOR
VCO	VOICE CONTROLLED OSCILLATOR
VCXO	VOLTAGE CONTROLLED CRYSTAL OSCILLATOR
VDC	VOLTS DIRECT CURRENT
V/DELTA	VELOCITY INCREMENT
V-E	VERLORT-ELEVATION
VE	ESCAPE VELOCITY
VECO	VERNIER ENGINE CUT-OFF
VEFCO	VERTICAL FUNCTIONAL CHECKOUT
VERLORT	VERY LONG RANGE TRACKING RADAR
VERNITRAC	VERNIER TRACKING BY AUTO CORRELATION
VF	VOICE FREQUENCY
VFO	VARIABLE FREQUENCY OSCILLATOR
VHF	VERY HIGH FREQUENCY (30 - 300 MC)

VHFRA	VHF RECOVERY ANTENNA
VHFRAB	VHF RECOVERY ANTENNA BACKUP
VHFRB	VERY HIGH FREQUENCY RECOVERY BEACON
VI	INSERTION VELOCITY
VIS	VISUAL INSTRUMENTATION SUBSYSTEM (JPL)
VLF	VERTICAL LAUNCH FACILITY
VLF	VERY LOW FREQUENCY (3 TO 30 KC)
VMS	VELOCITY METER SUBSYSTEM
VOCAMP	VOICE CONTROL AND MONITOR POSITION
VOM	VOLT-OHM-MILLIAMETER
V-OT AND R	VELORT-ON TRACK AND RANGE
VOX	VOICE OPERATED SWITCH, RELAY
VR	VENDOR REQUIREMENTS
V-R	VERLORT-RANGE
VR	VOLTAGE REGULATOR
VRB	VHF RECOVERY BEACON - NAA
VSE	VEHICLE SYSTEMS ENGINEER
VSM	VELOCITY MEASURING SYSTEM
VSMC	VIDEO SWITCHING MATRIX CONTROL
VSO	VEHICLE SYSTEM OFFICER
VSO	VERY STABLE OSCILLATOR
VSSA	VEHICLE SYSTEMS STATUS ADVISOR
V-S-V	VEHICLE-SURFACE-VEHICLE
VSWR	VISUAL STANDING WAVE RATIO
VSWR	VOLTAGE STANDING WAVE RATIO
VT	VIBRATION TEST
VTF	VERTICAL TEST FACILITY
VTOL	VERTICAL TAKE-OFF AND LANDING
VTS	VERTICAL TEST STAND
VTVM	VACUUM TUBE VOLTMETER
VY	YAW VELOCITY
WADC	WRIGHT AIR DEVELOPMENT CENTER
WAR	WORK AROUND REQUIREMENTS (NAA)
WAT	WATERTOWN (SHIP)
WB	WEATHER BUREAU
WB	WIDE BAND
WBD	WIDE BAND DATA
WBDL	WIDE BAND DATA LINK
WDL	WESTERN DEVELOPMENT LABORATORIES (PHILCO)
WECO	WESTERN ELECTRIC COMPANY
WIND	WEATHER INDICATOR AND DISPLAY SYSTEM
WMS	WATER MANAGEMENT SECTION
WMS	WASTE MANAGEMENT SYSTEM
WOM	WOOMERA, S. AUSTRALIA
WOO	WESTERN OPERATIONS OFFICE
WPAFB	WRIGHT PATTERSON AIR FORCE BASE
WPM	WORDS-PER-MINUTE
WPS	WORDS PER SECOND
WRF	WORK REQUEST FORM
WS	WALLOPS ISLAND STATION
WSMR	WHITE SANDS MISSILE RANGE (NEW MEXICO)
WSO	WHITE SANDS OPERATION (NASA)
WSTF	WHITE SANDS TEST FACILITY
X	LONGITUDINAL AXIS OF THE SPACECRAFT AND LAUNCH VEHICLE
XA	LONGITUDINAL LOCATION, REFERENCED TO THE COMMAND MODULE (FIG. 4.12)
XC	LONGITUDINAL LOCATION, REFERENCED TO THE COMMAND MODULE (FIG. 4.12)
XCVR	TRANCEIVER

XDUCER	TRANSDUCER
XL	LONGITUDINAL LOCATION, REFERENCED TO THE LAUNCH-ESCAPE SUBSYSTEM (FIG. 4.1-2)
XMTR	TRANSMITTER
XPONDER	TRANSPONDER
XS	LONGITUDINAL LOCATION, REFERENCED TO THE SERVICE MODULE (FIG. 4.12)
XTAL	CRYSTAL
XTAL CR	EXTERNAL COUNTER
XY	TELEPHONE EXCHANGE (CAPE KENNEDY)
Y	LAT AXIS OF S/C, NORM To X-Z PLANE
YTV	YAW THRUST VECTOR
Z	LAT AX OF S/C PASS THRU CENTER OF MAIN HATCH + NORM TO X AX
Z	VERTICAL, Z STATION (SPACECRAFT STATION)
ZAR	NIKE ZEUS ACQUISITION RADAR
ZI	ZONE OF INTERIOR
ZULU	GREENWICH MEAN TIME (CODE WORD FOR 'ZERO' MERIDAN)
ZZB	ZANZIBAR, E. AFRICA
dELTA P	PRESSURE DIFFERENTIAL
dELTA V	VELOCITY DIFFERENTIAL
AA	ANTENNA ASSEMBLY
AAA	ACTIVE ACQUISITION AIDS
AAE	ANTENNA ASSEMBLY ELECTRONICS
AAM	AIR-TO-AIR MISSILE
AAO	ASTRONAUTS ACTIVITIES OFFICE
ABL	ALLEGANY BALLISTICS LABORATORY
ABM	ADVANCED HILL OF MATERIALS
ABMA	ARMY BALLISTIC MISSILE AGENCY
AC	ALTERNATING CURRENT
ACA	ATTITUDE CONTROLLER ASSEMBLY
ACBWG	APOLLO REENTRY COMMUNICATION BLACKOUT WORKING GROUP
ACC	AUTOMATIC CONTROL CONSOLE
ACE	ACCEPTANCE CHECKOUT EQUIPMENT
ACE	AUTOMATIC CHECKOUT EQUIPMENT
ACERP	ADVANCED COMMUNICATION ELECTRONICS RESEARCH PLAN
ACES	ACCEPTANCE CHECKOUT AND EVALUATION SYSTEM
ACES	ACCEPTANCE CONTROL EQUIPMENT SECTION
ACME	ATTITUDE CONTROL AND MANEUVER ELECTRONICS
ACME	ATTITUDE CONTROL PROPULSION MOTORS
ACOE	AUTOMATIC CHECKOUT EQUIPMENT
ACP	APOLLO CHECKOUT PROCEDURE
ACPM	ATTITUDE CONTROL PROPULSION MOTORS
ACR	ADVENT CONTROL ROOM
ACRE	AUTOMATIC CHECKOUT AND READINESS EQUIPMENT
A+C ROLL	A+C CLUSTER OF THE RCS ENGINES CONTROLLING ROLL
ACRC	AUDIO CENTER - RECEIVER - NAA
ACS	ATTITUDE CONTROL SYSTEM
ACSF	AC SPARK PLUG DIVISION OF GENERAL MOTORS
ACTM	AUDIO CENTER - TRANSMITTER (NAA)
A-D	ANALOG-TO-DIGITAL (CONVERTER)
ADA	ANGULAR DIFFERENTIATING ACCELEROMETER
ADC	AIR DEFENCE COMMAND (USAF)
ADC	ANALOG TO DIGITAL CONVERTER
ADCN	ADVANCE DRAWING CHANGE NOTICE
ADF	AERONUTRONIC DIVISION OF FORD MOTOR COMPANY
ADMT	AGENA DETAILED MANEUVER TABLE



ADP	AUTOMATIC DATA PROCESSING
ADPL	APOLLO DATA PROCESSING LABORATORY (NAA)
ADPS	ASCENT AND DESCENT PROPULSION SUBSYSTEM
ADPS	AUTOMATIC DATA PROCESSING SYSTEM
ADPT	ADAPTER ALSO (SEPARATE ARMED)
ADS	ADDRESS DISPLAY SUBSYSTEM
ADVAC	ADVENT ACQUISITION MODULE (OF TRK)
ADVEP	ADVENT EPHEMERIS MODULE (OF TRK)
AE	ASCENT ENGINE
A+E	AZIMUTH AND ELEVATION
AEA	ABORT ELECTRONICS ASSEMBLY
AEC	ATOMIC ENERGY COMMISSION
AED	AGENA EPHEMERIS DATA
AED	ASTRO-ELECTRONICS DIVISION (RCA)
AEDC	ARNOLD ENGINEERING DEVELOPMENT CENTER
AELD	ASCENT ENGINE LATCHING DEVICE
AEPG	ARMY ELECTRONIC PROVING GROUND
AES	APOLLO EXTENDED SYSTEMS
AF	AIR FORCE
AFBMD	AF BALLISTIC MISSILES DIV.
AFBMTCC	AF BALLISTIC MISSILES TRAINING CENTER (VANDENBERG AFB, CALIF)
AFBSD	AF BALLISTIC SYSTEMS DIVISION (NORTON AFB,SAN BERNADINO, CALIF)
AFC	AUTOMATIC FREQUENCY CONTROL
AFCRC	AF CAMBRIDGE RESEARCH CENTER (HANSCOM FIELD, BEDFORD, MASS)
AFCRL	A F CAMBRIDGE RESEARCH LABORATORY
AFCS	AUTOMATIC FLIGHT CONTROL SYSTEM
AFD	ASSISTANT FLIGHT DIRECTOR
AFDO	ASSISTANT FLIGHT DYNAMICS OFFICER
AFETB	AF EXPERIMENTAL TRACK BRANCH (EDWARDS AF BASE CALIF)
AFETR	AIR FORCE EASTERN TEST RANGE
AFFTC	AF FLIGHT TEST CENTER (EDWARDS AF BASE - CALIF)
AFLC	AIR FORCE LOGISTICS COMMAND (FORMERLY AMC)
AFMDC	AF MISSILE DEVELOPMENT CENTER (HOLLOMAN AFB, ALAMOGORDO NM)
AFMSTS	AF MISSILE STATIC TEST SITE (EDWARDS AF BASE - CALIF)
AFMTC	AIR FORCE MISSILE TEST CENTER
AFOAR	AIR FORCE OFFICE OF AEROSPACE RESEARCH (AFSC)
AFOSR	AF OFFICE OF SCIENTIFIC RESEARCH (WASHINGTON DC)
AFOTC	ATLANTIC FLEET OPERATIONAL TELETYPE CIRCUIT
AFR	ACCESS FUNCTION REGISTER (RICE)
AFRD	AIR FORCE RESEARCH AND DEVELOPMENT (HANSCOM)
AFRM	ADVANCED FLIGHT RESEARCH MODEL
AFSC	AIR FORCE SYSTEMS COMMAND
AFSSD	AIR FORCE SPACE SYSTEMS DIVISION
AGACS	AUTOMATIC GROUND TO AIR-COMMUNICATIONS SYSTEM
AGANI	APOLLO GUIDANCE AND NAVIGATION INFORMATION
AGAP	ATTITUDE GYRO ACCELEROMETER PACKAGE
AGAVE	AUTOMATIC GIMBALLED-ANTENNA VECTORING EQUIPMENT (AAAI
AGC	AEROJET GENERAL CORP.
AGC	APOLLO GUIDANCE COMPUTER
AGC	APOLLO GUIDANCE CONTROL
AGC	AUTOMATIC GAIN CONTROL
AGC	AUTOMATIC GUIDANCE CONTROL
AFCS	AUTOMATIC GROUND CONTROL SYSTEM
AGCU	ATTITUDE GYRO COUPLING UNIT
AGE	AEROSPACE GROUND EQUIPMENT
AGE	APOLLO GUIDANCE EQUIPMENT
AGGD	APOLLO GUIDANCE GROUND DISPLAY

AGNE	APOLLO GUIDANCE AND NAVIGATION EQUIPMENT (MITT)
AGNIS	APOLLO GUIDANCE AND NAVIGATION INDUSTRIAL SUPPORT
AGS	ABORT GUIDANCE SYSTEM
AGS	AEROSPACE GROUND SUPPORT
AH	ATTITUDE HOLD
AIAA	AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS
AIC	ANALOG INPUT COMMUTATOR
AICBM	ANTI-INTERCONTINENTAL BALLISTIC MISSILE
AIC DELTA	INCREMENT OF COMMAND ANGLE
AIG	INNER GIMBAL ANGLE (SEE IGA)
AIR	AIRESEARCH MFG COMPANY
AIRCOM	AEROSPACE COMMUNICATION COMPLEX
AIRCOMNET	AIR COMMUNICATIONS NETWORK
AIROPNET	AIR OPERATIONS NETWORK
AIS	ASCENSION ISLAND STATION (WDL)
AL	APOLUNE
ALDC	AUTO LOAD AND DRIVE CONTROL
ALEMS	APOLLO LEM SENSORS
ALFA	AIR LUBRICATED FREE ATTITUDE
ALIAS	ALGEBRAIC LOGIC INVESTIGATION OF THE APOLLO SYSTEM
ALLM	APOLLO LUNAR LANDING MODULE
ALSEP	APOLLO LUNAR SCIENTIFIC EXPERIMENTS PACKAGE
ALSS	APOLLO LOGISTIC SUPPORT SYSTEM
AM	AMPLITUDE MODULATION
AMAL	AVIATION MEDICAL ACCELERATION LABORATORY
AMC	AIR MATERIAL COMMAND (USAF) (SEE AFLC)
AME	ANGLE-MEASURING EQUIPMENT
AMG	MIDDLE GIMBAL ANGLE
AMMP	ADVANCED MANNED MISSIONS PROGRAM
AMN	ADVANCE MATERIAL NOTICE
AMOO	AEROSPACE MEDICAL OPERATIONS OFFICE
AMP	AUTOMATIC MISSION PROGRAMMER
AMPS	AUTOMATIC MESSAGE PROCESSING SYSTEM (IBM)
AMPTF	APOLLO MISSION PLANNING TASK FORCE
AMR	ATLANTIC MISSILE RANGE (SEE AFETER)
AMS	APOLLO MISSION SIMULATOR
AMRO	ATLANTIC MISSILE RANGE OPERATIONS
AMS	AUTHORITY FOR MATERIAL SUBSTITUTION
AMW	ANGULAR MOMENTUM WHEEL
AMX	AMPLITUDE MODULATION TRANSMITTER - RECEIVER
ANNA	ARMY-NAVY-NASA-AIR FORCE SATELLITE
ANO	ALPHA-NUMERIC OUTPUT MODULE
ANWG	APOLLO NAVIGATION WORKING GROUP
AOC DELTA	INCREMENT OF COMMAND ANGLE
AOD	APOLLO OPERATIONS DIRECTOR
AOG	OUTER GIMBAL ANGLE
AOH	APOLLO OPERATION'S HANDBOOK
AOMC	ARMY ORDNANCE MISSILE COMMAND
AOS	ACQUISITION OF SIGNAL
AOT	ALIGNMENT OPTICAL TELESCOPE
AP	AUTO PILOT
AP	AUTOMATION PLANE OR ACCELEROMETER PACKAGE
APA	ABORT PROGRAMMER ASSEMBLY
APATS	AUTOMATIC PROGRAMMER AND TEST SYSTEM
APC	AUTOMATIC PHASE CONTROL
APCHE	AUTOMATIC PROGRAMMED CHECKOUT EQUIPMENT
APG	ABERDEEN PROVING GROUND (MARYLAND)

APG	AIR PROVING GROUND (ELGIN AFB, FLORIDA)
API	ALIGNMENT PROGRESS INDICATOR
APK	ACCELEROMETER PACKAGE
APLSS	AUXILIARY PORTABLE LIFE SUPPORT SYSTEM
APO	APOLLO PROCUREMENT OFFICE
APO	APOLLO PROGRAM OFFICE
APO	APOLLO PROJECT OFFICE ANTENNA
APOTA	AUTOMATIC POSITIONING TELEMETERING
APR	ADVANCE PARTS RELEASE
APR	ANTICIPATED PERSONNEL REQUIREMENTS
APS	ACCESSORY POWER SYSTEM
APS	ASCENT PROPULSION SYSTEM
APS	AUXILIARY PROPULSION SYSTEM
APT	AUTOMATIC PICTURE TRANSMISSION (TIROS)
APTT	APOLLO PART TASK TRAINER (NAA)
APU	AUXIL POWER UNIT OR AUXIL PROPULSION UNIT
AQAID	ACQUISITION AID
AQL	ACCEPTABLE QUALITY LEVEL
AR	ACQUISITION AND RECEIVE
ARA	ATTITUDE REFERENCE ASSEMBLY
ARA	AUXILIARY RECOVERY ANTENNA
ARC	AMES RESEARCH CENTER
ARC	ATTITUDE REFERENCE COMPUTER
ARD	APOLLO REQUIREMENTS DOCUMENT
ARDC	AIR RESEARCH AND DEVELOPMENT COMMAND
ARGMA	ARMY ROCKET AND GUIDED MISSILE AGENCY
ARIP	AUTOMATIC ROCKET IMPACT PREDICTOR (USA)
ARIS	ADVANCE RANGE INSTRUMENTATION SHIP (FORMERLY MARS)
ARL	ACCEPTABLE RELIABILITY LEVEL
ARPA	ADVANCED RESEARCH PROJECTS AGENCY - WASHINGTON DC
ARG	TELETYPE ERROR CONTROL SYSTEM, AUTOMATIC REQUEST
ARRSG	ALTITUDE AND RENDEZVOUS RADAR STIMULUS GENERATOR
ARS	AIR RESCUE SERVICE
ARS	ALTIMETER AND RENDEZVOUS SENSOR
ARS	ATMOSPHERE REVITALIZATION SECTION
ARTOC	ARMY TACTICAL OPERATIONS CONTROL
AS	AEROSPACE CORPORATION (EL SEGUNDO, CALIFORNIA)
AS	ASCENT STAGE (LEM)
ASA	ABORT SENSOR ASSEMBLY
ASCO	AUTOMATIC SUSTAINER CUT OFF, AUXILIARY SCO
ASCS	AUTOMATIC STABILIZATION AND CONTROL SYSTEM
ASDE	AIRPORT SURFACE DETECTION EQUIPMENT (TAXI RADAR)
ASDE	ANTENNA SLAVE DATA EQUIPMENT
ASFTS	AUXILIARY SYSTEMS FUNCTION TEST STAND
ASI	APOLLO STANDARD INITIATOR
ASI	AUGMENTED SYSTEM IGNITION
ASIS	ABORT SENSING AND IMPLEMENTATION SYSTEM, (ATLAS)
ASK	AMPLITUDE SHIFT KEYING
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASO	ALTERNATE SEQUENCE OF OPERATIONS
ASO	APOLLO SUPPORT OFFICE
ASP	APOLLO SPACECRAFT PROGRAM
ASPO	APOLLO SPACECRAFT PROGRAM OFFICE OR PROTECT OFFICE
ASPR	ARMED SERVICES PROCUREMENT REGULATIONS
ASR	APOLLO STOCK REQUISITION
ASR	AUTOMATIC SEND-RECEIVE-UNITS (TTY MODEM)
AST	APOLLO SYSTEMS TRAINER

ASTIA	ARMED SERVICES TECHNICAL INFORMATION AGENCY (ARLINGTON, VA.)
AT	ACCEPTANCE TEST
ATA	ASSEMBLY AND TEST AREA
ATCA	ATTITUDE AND TRANSLATION CONTROL. ASSEMBLY
ATCE	ABLATIVE THRUST CHAMBER ENGINE
ATCE	ATTITUDE AND TRANSLATION CONTROL ELECTRONICS
ATCU	ATTITUDE TRANSLATION AND CONTROL UNIT
ATDWG	APOLLO TEST DATA WORKING GROUP
ATL	ADVANCED TECHNOLOGY LABORATORIES
ATO	APOLLO TEST AND OPERATIONS
ATP	ACCEPTANCE TEST PROCEDURE
ATP	APOLLO TEST PROCEDURE
ATR	APOLLO TEST REQUEST
ATR	APOLLO TEST REQUIREMENT
ATR	ATLANTIC TRACKING RANGE
ATS	ANGLE TRACKING SENSOR
ATS	ATLANTIC TEST SITE
ATSE	ANGLE TRACKING SENSOR EQUIPMENT
ATTS	AUTOMATIC TELEMETRY TRACKING SYSTEMS
ATW	AEROSPACE TEST WING
AU	ASTRONOMICAL UNIT
AVC	AUTOMATIC VOLUME CONTROL
AVE	AEROSPACE VEHICLE EQUIPMENT
AVR	AUTOMATIC VOLTAGE REGULATOR
AVSE	A55ISIANI VEHICLE SYSTEMS ENGINEER
AWG	AMERICAN WIRE GAGE
A-X	ALTERNATE TRANSMITTER UNITS
AZUSA	ELECTRONIC TRACKING COMPLEX + VECTORING SYS (RADAR AT CAPE)
BAC	BEECH AIRCRAFT CO
BAC	BELL AEROSPACE CORP.
BCD	BINARY CODED DECIMAL
BCI	BATTERY CONDITION INDICATOR (FUEL CELL)
BCRI	BINARY CODE RANGE TIME
BECU	BOOSTER ENGINE CUTOFF
BER	BIT ERROR RATE
B/F	BUFFER/FORMATTER
BFO	BEAT FREQUENCY OSCILLATOR
BGS	BACK-UP GUIDANCE SYSTEM
B/H	BLOCK HOUSE
BHN	BRINNELL HARDNESS NUMBER
BIOS	BIOLOGICAL SATELLITE
BIT	BUILT-IN TEST (INTEGRAL TO THE PARENT EQUIPMENT)
BL	BONDLINE
B/M	BENCH MAINTENANCE
B/M	BILL OF MATERIAL
B/M	BUFFER/MULTIPLEXER
BMAG	BODY MOUNTED ATTITUDE GYRO
BME	BENCH MAINTENANCE EQUIPMENT
BMEWS	BALLISTIC MISSILE EARLY WARNING SYSTEM
BMG	BODY MOUNTED GYRO
BMTE	BENCH MAINTENANCE TEST EQUIPMENT
BOA	BROAD OCEAN AREA
BOSS	BIO-ASTRONAUTIC ORBITING SPACE STATION
BP	BLOOD PRESSURE
BP	BOILER PLATE
BPC	BOOST PROTECTIVE COVER
BPF	BAND PASS FILTER

BPS	BITS PER SECOND
BRL	BALLISTIC RESEARCH LABORATORIES
BRN	BROWN-ROOT-NORTHROP COMPANY
BSD	BALLISTIC SYSTEM DIVISION (AIR FORCE)
BST	BRIEF SYSTEM TEST
BTC	BOOSTER TEST CONDUCTOR
BTE	BENCH TEST EQUIPMENT
BTL	BELL TELEPHONE LABORATORIES
BTM	BOOSTER TELEMETRY MONITOR
BTU	BRITISH THERMAL UNIT
BU	BACK-UP
BUGS	BACK-UP GUIDANCE SYSTEM
BW	BAND WIDTH
BWO	BACKWARD-WAVE OSCILLATOR
CA	CABLE ASSEMBLY
CA	CORRECTIVE ACTION
CADDAC	CENTRAL ANALOGUE DATA DISTRIBUTING SYSTEM
CADFISS	COMPUTER AND DATA FLOW INTEGRATED SUBSYSTEMS (IBM)
CADPO	COMMUNICATIONS AND DATA PROCESSING OFFICE
CAM	CIVIL AERONAUTICS MANUAL
CAM	COMPUTER ADDRESS MATRIX
CAN	CERTIFICATION ANALYSIS NETWORK
CAPCOM	CAPSULE COMMUNICATOR
CAPRI	CODED ADDRESS PRIVATE RADIO INTERCOM
CAR	CORRECTIVE ACTION REPORT
CARR	CUSTOMER ACCEPTANCE READINESS REVIEW
CASIS	COUNTDOWN AND STATUS TRANSMISSION SYSTEM
CASY	COMPUTER ACQUISITION SYSTEM
CAT	COMPUTER OF AVERAGE TRANSIENTS
CB	CENTER OF BUOYANCY
CB	CIRCUIT BREAKER
CBA	C-BAND TRANSPONDER ANTENNA
C-BAND	RADAR FREQUENCY RANGE (3.9-6.2 KMC)
CBC	COMPLETE BLOOD COUNT
CBT	COMMAND BUFFER TRANSMITTER
CBX	C-BAND TRANSPONDER
CC	CAPSULE COMMUNICATOR
CC	CARRIER CHANNEL
CC	COMMAND CENTER
CC	COMMAND COMMUNICATOR
CC	COMMUNICATION CONTROL
CC	CONTROL COMPUTER
CC	CONTROL CENTER
CC	COST CONTROL
CC	CUBIC CENTIMETERS
CCA	CONTROL CHANGE AUTHORIZATION
CCA	CONTROL COUPLER ASSEMBLY
CCB	CHANGE-CONTROL BOARD -MIT
CCB	CONFIGURATION CONTROL BOARD
CCBD	CONFIGURATION CONTROL BOARD DIRECTIVE
CCC	COMMAND CONTROL. CONSOLE
CCC	COORDINATE CONVERSION COMPUTER
CCD	CENTRAL COMMAND DECODER
CCIT	INTERNATIONAL CONSULTATIVE COMMITTEE ON TELEGRAPHY + TELEPHONY
CCMR	COUNTDOWN CHECKOUT MAINTENANCE AND REPAIR
CCN	CONTRACT CHANGE NOTICE
CCO	CONTRACT CHANGE ORDER

CCO	CRYSTAL CONTROLLED OSCILLATOR
CCP	CONFIGURATION CONTROL PANEL
CPP	CONTRACT CHANGE PROPOSAL
CCPM	CARD CONTROLLED PREVENTIVE MAINTENANCE
CCR	CONFIGURATION CHANGE RECORD
CCR	CONFIGURATION CONTROL RECORD
CC+S	CENTRAL COMPUTER AND SEQUENCER
CCS	CHANGE CONTROL SYSTEM
CCS	COMPUTER CONTROLLER SUB SYSTEM
CCS	CONSOLE COMMUNICATIONS SYSTEMS
CCSD	CHRYSLER CORP SPACE DIVISION
CCTV	CLOSED CIRCUIT TELEVISION
CCU	CAMERA CONTROL UNIT
CCU	COMMUNICATION CONTROL UNIT
CCW	COUNTERCLOCKWISE
CDB	CURRENT DATA BIT
CDC	COMMAND AND DATA HANDLING CONSOLE
CDC	COMPUTER DEVELOPMENT CENTER
CDC	CONTROL DATA CORP
CDC	CONTROL AND DISPLAY CONSOLE
CDCO	CONTROL DISPLAY COUPLING UNIT OPTICS (NAA)
CDCU	COMMUNICATION DIGITAL CONTROL UNIT
CDDT	COUNTDOWN DEMONSRATION TEST
CDP	CENTRAL DATA PROCESSOR
CDR	CONFIGURATION DESIGN REVIEW
CDR	CRITICAL DESIGN REVIEW
CDRC	COMPUTATION AND DATA REDUCTION CENTER
CDRS	COMPUTER DATA RECORDING SYSTEM
CDU	CONTROL DATA UNIT
CDU	COUPLING DATA UNIT
CDU	COUPLING DISPLAY UNIT
CDUM	COUPLING DISPLAY UNIT IMU (NAA)
CDUO	COUPLING DISPLAY UNIT OPTICS (NAA)
CE	CIRCULAR
C/E	COMMUNICATIONS/ELECTRONICS
CEB	CONTRACT ENGINEER BRANCH
CED	CHECK OUT ENGINEERING DIVISION
CEI	CONTRACTOR END ITEM
CEIPA	COMMUNICATIONS ELECTRONICS IMPLEMENTATION PLAN AMENDMENT
CEP	CIRCULAR ERROR OF PROBABILITY
CEP	COMPUTED EPHEMERIS POSITION
CES	CONTROL ELECTRONICS SYSTEM
CES	CREW ESCAPE SYSTEM
CES	CREW EQUIPMENT SYSTEM (NAA)
CET	CAPSULE ELAPSED TIME, CRITICAL ENVIRONMENTAL TESTS
CETEX	COMMITTEE ON CONTAMINATION BY EXTRATERRESTRIAL
CFE	CONTRACTOR FURNISHED EQUIPMENT
CFM	CUBIC FEET PER MINUTE
CFP	CONTRACTOR FURNISHED PROPERTY
CG	CENTER OF GRAVITY
CHBAB	COMMITTEE ON HEARING, BIOACOUSTICS, AND BIOMECHANICS
CICC	CENTRAL INFORMATION CONTROL CENTER
CIF	CENTRAL INSTRUMENTATION FACILITIES
CIMU	COMPONENT INTEGRATION MOCK-UP
CIS	CHRISTMAS ISLAND STATION (WDL)
CIS	COMMUNICATION AND INSTRUMENTATION SYSTEM
CITE	CONTROLLER-INTEGRATED TEST EQUIPMENT

C/L	CENTER LINE
CL	CLOSED-LOOP
CLC	CONVERSION AND LIMIT CHECK MODULE (TLM)
CLMI	CLOSED LOOP MANEUVER TABLE
CLT	COMMUNICATION LINE TERMINATION OR TERMINAL
CM	CENTER OF MASS
CM	COMMAND MODULE
CM	CONTRACT MODIFICATION
CMO	CONFIGURATION MANAGEMENT OFFICE
CMO	CONTINGENCY MODE OF OPERATION
CM/SM	COMMAND/SERVICE MODULES
CMU	COMPATIBILITY MOCK-UP
CN	CHANGE NOTICE
CN	COMMAND NUMBER
CNI	GRAND CANARY ISLAND (FORMERLY CYI)
CO	CHECKOUT
COBI	CODED BIPHASE
COMSAT	COMMUNICATIONS SATELLITE
CONUS	CONTINENTAL UNITED STATES
COSPAR	INTERNATIONAL COMMITTEE ON SPACE RESEARCH
CO	CHANGE ORDER
C/O	CHECKOUT
CO	CODER OUTPUT
CO	CONTRACTING OFFICER
CO	CRYSTAL OSCILLATOR
COBRA	COMPATIBLE ON-BOARD RANGING
COED	COMPUTER OPERATED ELECTRONIC DISPLAY
COFW	CERTIFICATION OF FLIGHT WORTHINESS (NAA)
COGS	CONTINUOUS ORBITAL GUIDANCE SYSTEM
COLIDAR	COHERENT LIGHT DETECTION AND RANGING
COMPMR	COMMANDER PACIFIC MISSILE RANGE
COSAR	COMPRESSION SCANNING ARRAY RADAR (RAYTHEON)
COTAR	CORRELATION TRACKING AND RANGING
CP	CHANGE PROPOSAL, CONTROL PROGRAMMER
CP	CIRCULAR PITCH
CP	COLDPLATE
CP	COMMUNICATIONS PROCESSOR
CP	CREW PROVISIONS
C/P	CARTESIAN TO POLAR CONVERTER
CPCU	COMMUTATOR PROGRAMMER CONTROL UNIT
CPDC	COMMAND PROCESSOR DISTRIBUTOR CONTROL
CPDS	COMMAND PROCESSOR DISTRIBUTOR STORAGE
CPE	CONTRACTOR PERFORMANCE EVALUATION
CPI	CHARACTERS-PER-INCH
CPM	COMMAND PROCESSOR MODULE (DSF)
CPM	CRITICAL PATH METHOD
CPM	CYCLES PER MINUTE
CPS	COLD PLATE SECTION
CPS	CREW PROVISIONS SUBSYSTEM
CPS	CYCLES PER SECOND
CPSM	CLIPPED PROCESS SPEECH MODULATION
CR	CHANGE RECOMMENDATION
CRA	CHANGE REQUEST AND AUTHORIZATION
CRA	CONTROLLER REQUESTED ANALYSIS
CRC	COLLINS RADIO CORP.
CRF (D)	COMMAND REVIEW AND FORMAT DISPLAY
CRF (M)	CAPSULE REVIEW AND FORMAT MEASUREMENTS

CRITICOM	CRITICAL COMMUNICATIONS (TTY)
CRIU	COMPUTER RECORDER INTERFACE UNIT
CRO	CANARVON, AUSTRALIA (FORMERLY CAR)
CRO	CATHODE RAY OSCILLOSCOPE
CRT	CATHODE RAY TUBE
CRTI	CATHODE RAY TUNING INDICATOR
CS	COMMUNICATION SUBSYSTEM
C/S	COUNTS PER SECOND
CS	CREW SYSTEMS
CSC	CIVIL SERVICE COMMISSION
CSC	COMMUNICATIONS SYSTEMS CENTER
CSC	CONTROL SECTION COUPLER
CSD	COMPUTER SYSTEMS DIRECTOR
CSD	CHEW SYSTEMS DIVISION
CSDV	COMBINED SYSTEMS DYNAMIC VERIFICATION (NAA)
CSDV	CONTROL SUBSYSTEM DEVELOPMENT VEHICLE (NAA)
CSM	COMMAND AND SERVICE MODULES
CSPO	CONTROL SYSTEMS PROCUREMENT OFFICE
CSQ	COASTAL SENTRY QUEBEC (SHIP)
CSR	CONTROL SHIFT REGISTER
CSS	CLOCK SUBSYSTEM
CSS	COMMUNICATION STIMULUS SUBSYSTEM
CSS	CRYOGENIC STORAGE SUPPLY
CSS	CRYOGENIC SUPPLY SYSTEM
CST	COMBINED SYSTEM TEST
CSTF	CONTROL SYSTEM TEST FACILITY (WSMP)
CSTU	COMBINED SYSTEM TEST UNIT
CSU	COMMAND STIMULI UNIT
CT	COMMAND TRANSMITTER
CTA	CERTIFICATION TEST APPROVAL
CTA	CRYOGENIC TANK ASSEMBLY
CT+DDS	CENTRAL TIMING AND DATA DISTRIBUTION SYSTEM
CTE	CENTRAL TIMING EQUIPMENT (APOLLO)
CTL	COMPONENT TEST LABORATORY
CTN	CANTON ISLAND
CTN	CERTIFICATION TEST NETWORK
CTP	COMPUTER TAPE PROCESSOR (RCS AND PROPULSION)
CTR	CERTIFICATION TEST REQUIREMENT
CTS	CENTRAL TIMING SYSTEM
CTS	COUNTDOWN TRANSMISSION SUB-SYSTEM
CTT	CARD-TO-TAPE TAPE
CTU	COMBINED TEST UNIT
CTU	COMPATIBILITY TEST UNIT
CTU	CONTROL AND TEST UNIT
CTV	CONTROL TEST VEHICLE
CUE	COMMAND UPLINK ELECTRONICS
CV	CHANCE VOUGHT
CV	CHECK VALVE
CVC	COMMERCIAL VOICE CIRCUITS
CVR	CHANGE VERIFICATION RECORD
C/W	CAUTION AND WARNING
CW	CLOCKWISE
CW	CONTINUOUS WAVE
CWE	CAUTION AND WARNING ELECTRONICS
CWEA	CAUTION AND WARNING ELECTRONICS ASSEMBLY
CWG	CONSTANT WEAR GARMENT
CY	CALENDAR YEAR



CYI	GRAND CANARY ISLAND (OLD, SEE CNI)
DA	DIGITAL TO ANALOG
DA	DISTRIBUTION ASSEMBLY
DA	DOUBLE AMPLITUDE
DAC	DIGITAL TO ANALOG CONVERTER
DAC	DOUGLAS AIRCRAFT CORPORATION
DACAPS	DATA COLLECTION AND PROCESSING SYSTEM (IBM)
DACON	DIGITAL TO ANALOG CONVERTER
DAE	DATA ACQUISITION EQUIPMENT
DA+P	DATA ACQUISITION AND PROCESSING
DARE	DATA AUTOMATIC REDUCTION EQUIPMENT
DARS	DATA ACQUISITION AND RECORDING SYSTEM
DAS	DATA ACQUISITION SYSTEM
DB	DECIBELS
DBM	DECIBEL REFERRED TO 1 MILLIWATT
DBV	DECIBEL REFERRED TO 1 VOLT
DBW	DECIBEL REFERRED TO 1 WATT
DC	DIFFERENTIAL CORRECTION
Dc	DIRECT CURRENT
DC	DISPLAYS AND CONTROLS
DCA	DIGITAL COMMAND ASSEMBLY
DCAS	DATA COLLECTION AND ANALYSIS SYSTEM
DCC	DATA COMMUNICATION CHANNEL
DCC	DATA CONTROL CHANNEL
DCC	DESIGN CHANGE CONTROL
DCIB	DATA COMMUNICATION INPUT BUFFER
DCM	DESTRUCT COMMAND
DCN	DRAWING CHANGE NOTICE
DCOS	DATA COMMUNICATION OUTPUT SELECTOR
DCR	DIGITAL CLOCK RECEIVER
DCRF	DRAWING CANCELLATION REPLACEMENT FORM
DCS	DIGITAL COMMAND SYSTEM
DCT	DIGITAL CLOCK TRANSMITTER
DCU	DATA CONTROL UNIT
DCU	DIGITAL CONTROL UNIT
DCU	DISPLAY AND CONTROL UNIT
DCV	DIRECT CURRENT VOLTAGE
DDA	DIGITAL DIFFERENTIAL ANALYZER
DDAS	DIGITAL DATA ACQUISITION SYSTEM
DDB	DIGITAL DISPLAY BOARDS
DDC	DIRECT DATA CHANNEL
DDC	DIRECT DATA CONNECTION
DDP	DIGITAL DATA PROCESSING (ARCAS FOR FPS-16 OF FPO-6)
DDR	DESIGN DRAWING REQUIREMENT
DDR	DIRECT DATA RECEIVE
DDRE	DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING (DOD)
DDT	DIGITAL DATA TRANSCEIVER
DDT	DOPPLER DATA TRANSLATOR
DDTE	DIGITAL DATA TERMINAL EQUIPMENT
DE	DEFLECTION ERROR
DE	DESCENT ENGINE
DECA	DESCENT ENGINE CONTROL ASSEMBLY
DEDA	DATA ENTRY AND DISPLAY ASSEMBLY
DEI	DEVELOPMENT ENGINEERING INSPECTION
DELTA	DETAILED LABOR AND TIME ANALYSIS
DEM	DEVELOPMENT ENGINEERING MODEL (NAA)
DEP	DEFLECTION ERROR PROBABILITY

DETP	DESIGN EVALUATION TEST PROGRAM
DEU	DIGITAL EVALUATION UNIT
DEV	DESIGN EVALUATION VEHICLE
DEW	DISTANT EARLY WARNING
DF	DEADFACE
DF	DIRECTION FINDING
DFI	DEVELOPMENT FLIGHT INSTRUMENTATION
DFS	DYNAMIC FLIGHT SIMULATOR
DGS	DATA GROUND STATION
DGU	DISPLAY GENERATOR UNIT
DGZ	DESIRED GROUND ZERO
DIPS	DUAL IMPACT PREDICTION SYSTEM
DIRAM	DIGITAL RANGING MACHINE
DIS	DATA INPUT SUBSYSTEM
DISTRAM	DIGITAL SPACE TRAJECTORY MEASUREMENT SYSTEM
DITMCO	DRIVE-IN THEATER MOVIE COMPANY (CHECKOUT EQUIPMENT)
DITU	DIGITAL INTERFACE TEST UNIT (ACE)
DLT	DESIGN LAB TEST
DMC	DIFFERENTIAL MIDCOURSE CORRECTION
DME	DISTANCE MEASURING EQUIPMENT
DMO	DIGITAL MULTIPLEXER OUTPUT
DMP	DESIRED MEAN POINT OF IMPACT
DMS	DEGREES, MINUTES, SECONDS
DMT	DETAILED MANEUVER TABLE (RENDEZVOUS)
DOD	DEPARTMENT OF DEFENSE
DOETS	DUAL OBJECT ELECTRONIC TRACKING SYSTEM
DOF	DEGREE OF FREEDOM
DOPLOC	DOPPLER PHASED LOCK (ARMY)
DOVAP	DOPPLER VELOCITY AND POSITION
DP	DIFFERENTIAL PRESSURE
DP	DIMETRAL PITCH
DP	DOUBLE POLE
DPC	DATA PROCESSING CENTER
DPG	DYNAMIC PROGRAM GENERATOR
DPS	DESCENT PROPULSION SYSTEM
DQM	DATA QUALITY MONITOR
D/R	DATA RECEIVER
DR	DECODER RECEIVER
DR	DESIGN REVIEW
DR	DISCREPANCY RECORD
DRB	DATA REVIEW BOARD
DRE	DATA REDUCTION EQUIPMENT
DRED	DATA ROUTER AND ERROR DETECTOR
DRM	DESIGN REFERENCE MISSION
DRMCE	DESIGN REFERENCE MISSION CONSUMABLES EXPENDED
DRPF	DATA REDUCTION AND PROCESSING FACILITY
DRUL	DOWN RANGE UPLINK
DS	DISPLAYS SUBSYSTEM DESCENT STAGE (LEM)
DSB	DOUBLE SIDE BAND
DSC	DYNAMIC STANDBY COMPUTER
DSCP	DYNAMIC STANDBY COMMUNICATION PROCESSOR
DSE	DATA STORAGE EQUIPMENT
DSEA	DATA STORAGE ELECTRONICS ASSEMBLY (GAFC)
DSF	DESIGN FEASIBILITY TEST
DSIF	DEEP SPACE INSTRUMENTATION FACILITY
DSIS	DEEP SPACE INSTRUMENTATION SYSTEM
DSKY	DISPLAY AND KEYBOARD

DSN	DEEP SPACE NETWORK
DSS	DEEP SPACE STATION
DSU	DATA SELECT UNITS
DT	DEVELOPMENT TEST
DT	DIFFERENTIAL TEMPERATURE
D/T	DUMP TELEMETER
D/TTC	DIGITAL TO TELETYPE CONVERTER
DTCS	DIGITAL TEST COMMAND SYSTEM
DTE	DATA TRANSMISSION EQUIPMENT
DTP	DETAILED TEST PLAN
DTP	DEVELOPMENT TEST PROCEDURE (NAA)
DTU	DIGITAL TIMING UNIT
DV	DELTA VELOCITY
DVD	DELTA VELOCITY DISPLAY
DVM	DIGITAL VOLTMETER
DVO	DELTA VELOCITY ON-OFF
DVT	DESIGN VERIFICATION TEST
DVU	DELTA VELOCITY ULLAGE
EAFB	EDWARDS AIR FORCE BASE
EAR	ENGINEERING ANALYSIS REPORT
EAR	ENGINEERING ACTION REQUEST
EBW	EXPLOSIVE BRIDGE WIRE
EC	ENGINEERING CHANGE
ECA	ELECTRONIC CONTROL ASSEMBLY
ECAD	ELECTRONIC CONTROL ASSEMBLY DISPLAY
ECAP	ELECTRONIC CONTROL ASSEMBLY PITCH
ECAR	ELECTRONIC CONTROL ASSEMBLY ROLL
ECAT	ELECTRONIC CONTROL ASSEMBLY THRUST
ECAX	ELECTRONIC CONTROL ASSEMBLY AUXILIARY
ECAY	ELECTRONIC CONTROL ASSEMBLY YAW
ECD	ENTRY CORRIDOR DISPLAY
ECD	ESTIMATED COMPLETION DATE
ECDU	ELECTRONIC COUPLING DISPLAY UNIT
ECG	ELECTROCARDIOGRAM
ECM	ELECTRONIC COUNTER MEASURES
ECO	ENGINEERING CHANGE ORDER
ECP	ENGINEERING CHANGE PROPOSAL
ECPY	ELECTRONIC CONTROL ASSEMBLY PITCH YAW
ECS	ENVIRONMENTAL CONTROL SUBSYSTEM
ECTRO	ELAPSED CAPSULE TIME FOR RETROFIRE (COMPUTER)
ECTRS	ELAPSED CAPSULE TIME EOR RETROFIRE (CAPSULE CLOCK)
ECU	ELECTRICAL CONVERSION UNIT
EDDF	ERROR DETECTION DECISION FEEDBACK
EDL	ENGINEERING DEVELOPMENT LABORATORY
EDM	ELECTRICAL DISCHARGE MACHINING
EDP	ELECTRONIC DATA PROCESSING
EDPM	ELECTRONIC DATA PROCESSING MACHINE
EDR	EQUIVALENT DIRECT RADIATION
EDS	EMERGENCY DETECTION SYSTEM
EECS	EARTH ENVIRONMENT COMPENSATION SYSTEM
EED	ELECTRONIC EXPLOSIVE DEVICE
EEG	ELECTROENCEPHALOGRAPH, ELECTROENCEPHALOGRAPHY,
E EI	ELECTRICAL ELECTRONIC INTERFERENCE
EEM	EARTH ENTRY MODULE
EEM	EXTERNAL ENVIRONMENT MONITORING
EET	END TO END TEST
EET	EQUIVALENT EXPOSURE TIME

EFL	EFFECTIVE FOCAL LENGTH
EFRC	EDWARDS FLIGHT RESEARCH CENTER
EGADS	ELECTRONIC GROUND ARM DESTRUCT SYSTEM
EGT	ELAPSED GROUND TIME (SEE GYT)
EGT	ESTIMATED GROUND TIME
EGT	EXHAUST GAS TEMPERATURE
EGTR	EGLIN GULF TEST RANGE (EGLIN AFB FLA)
EHF	EXTREMELY HIGH FREQUENCY(30GC TO 300GC)
EIA	ELECTRONIC INDUSTRIES ASSOCIATION
EIAT	END ITEM ACCEPTANCE TEST
EJS	ENGINEERING JOB SHEET
EKG	ELECTROCARDIOGRAM
EL	ELECTRO LUMINESCENCE
ELINT	ELECTROMAGNETIC INTELLIGENCE
ELS	EARTH LANDING SYSTEM
ELSC	EARTH LANDING SEQUENCE CONTROLLER
ELSSE	ELECTRONIC SKY SCREEN EQUIPMENT (TELEMETRY FACILITY)
E/M	ESCAPE MOTOR
EM	EXPERIMENTAL MODEL
EMD	ENTRY MONITOR DISPLAY
EMF	ELECTROMOTIVE FORCE
EMG	ELECTROMYOGRAPH
EMI	ELECTROMAGNETIC INTERFERENCE
EMP	ELECTROMAGNETIC PULSE
EMQ	ENGINEERING MODEL QUALIFICATION
EMR	ELECTRO MECHANICAL RESEARCH
EMR	ENGINE MIXTURE RATIO
EMR	ENGINEERING MALFUNCTION REPORT
EMS	ENTRY MONITOR SUBSYSTEM (NAA)
EMTE	ELECTROMAGNETIC TEST ENVIRONMENT
EMU	EXTRAVEHICULAR MOBILITY UNIT
ENI	EQUIVALENT NOISE INPUT
ENT	EQUIVALENT NOISE TEMPERATURE
EO	EARTH ORBIT
EO	ENGINEERING ORDER
FOB	END OF BLOCK
EOM	END OF MESSAGE
EOR	EARTH ORBITAL RENDEZVOUS
EOS	EMERGENCY OXYGEN SUPPLY
EOW	END OF WORD
EPO	EARTH PARKING ORBIT
EPOI	EQUAL PERIOD ORBIT INJECTION
EPS	ELECTRICAL POWER SUBSYSTEM
EPSTF	ELECTRICAL POWER SYSTEM TEST FACILITY
EPT	ENVIRONMENTAL PROOF TEST
ERA	ELECTRONIC REPLACEABLE ASSEMBLY
ERD	EQUIVALENT RESIDUAL DOSAGE
ERG	ELECTRORETINOGRAPH
ERM	EARTH RETURN MODULE
ERM	ELECTROMAGNETIC RADIATION SYSTEM MONITOR
ERP	EYE REFERENCE POINT
ERS	ELECTROMAGNETIC RADIATION SURVEILLANCE SYSTEM
ERU	EARTH RATE UNIT
ESA	EXPLOSIVE SAFE AREA
ESB	ELECTRIC STORAGE BATTERY
ES/CT	ELAPSED SPACECRAFT TIME

ESD	ELECTRONICS SYSTEM DIVISION (ROAMA)
ESE	ELECTRICAL SUPPORT EQUIPMENT
ESI	ELECTRONICS SYSTEMS INTEGRATION
ESL	ELECTRONICS STANDARDS LABORATORY ORY
ESM	EDIBLE STRUCTURAL MATERIAL
ESMU	ELECTRONIC SYSTEMS MOCK-UP
ESPAR	ELECTRONICALLY STEERABLE PHASED ARRAY RADAR(SPADATS)
ESTF	ELECTRONIC SYSTEMS TEST FACILITY
ESTRO	ELAPSED SPACECRAFT TIME OF RETROFIRE COMPUTED
ESV	EARTH SATELLITE VEHICLE
ET	ELAPSED TIME
ET	ENCODER TRANSMITTER
ET	ESCAPE TOWER
ETA	ESTIMATED TIME OF ACQUISITION
ETA	ESTIMATED TIME OF ARRIVAL
ETIC	ESTIMATED TIME IN COMMISSION
ETM	ELECTRONIC TEST MODEL
ETMWG	ELECTRONIC TRAJECTORY MEASUREMENTS WORKING GROUP (IRIG)
ETOC	ESTIMATED TIME OF CORRECTION
ETR	EASTERN TEST RANGE (FORMERLY AMR)
ETT	ESTIMATED TIME OF TRACK
EVA	EXTRA-VEHICULAR ACTIVITY
EVA	EXTRA-VEHICULAR VISOR ASSEM13LY
EVA	EXTRA-VEHICULAR ASTRONAUT
EVC	EQUIVALENT VOICE CIRCUIT
EVDE	EXTERNAL VISUAL DISPLAY EQUIPMENT
EVSS	EXTRA-VEHICULAR SPACE SUIT
EVSTC	EXTRA VEHICULAR SUIT TELEMETRY AND COMMUNICATIONS
EVID	EXTRA VEHICULAR TRANSFER DEVICE
EXTRADOP	EXTENDED RANGE DOPPLER VELOCITY AND POSITION
FA	FAILURE ANALYSIS
FAA	FEDERAL-AVIATION AGENCY
FACI	FIRST ARTICLE CONFIGURATION INSPECTION
FACT	FLEXIBLE AUTOMATIC CIRCUIT TESTER
FACT	FLIGHT ACCEPTANCE COMPOSITE TEST
FAD	FIRST ARTICLE DEMONSTRATIONS
FAE	FINAL APPROACH EQUIPMENT
FAIR	FABRICATION ASSEMBLY AND INSPECTION RECORD
FAR	FAILURE ANALYSIS REPORT
FARADAY	FAILURE RATE DATA EXCHANGE PROGRAM
FATS	FLIGHT ATTITUDE TABLE SYSTEM
FC	FERRITE CORE
FC	FLIGHT CONTROLLER
FC	FUEL CELL
FCA	FREQUENCY CONTROL AND ANALYSIS
FCA	FULL CELL ASSEMBLY
FCI	FLIGHT CONTROLS INTEGRATION
FCOD	FLIGHT CREW OPERATIONS DIVISION
FCOV	FACILITY CHECKOUT VEHICLE
FCS	FLIGHT CONTROLS SUBSYSTEM
FCSD	FLIGHT CREW SUPPORT DIVISION
FCSG	FLIGHT CONTROL SENSOR GROUP
FCT	FLIGHT CREW TRAINER
FCT	FLOW CONTROL THERMOSTAT
FCTS	FLIGHT CREW TRAINER SIMULATOR
FD	FLIGHT DIRECTOR
FDAI	FLIGHT DIRECTOR ATTITUDE INDICATOR

FDI	FLIGHT DIRECTOR INSTRUMENT
FDME	FIRING DATA MULTIPLEXING EQUIPMENT
FDO	FLIGHT DYNAMICS OFFICER
FDP	FLIGHT DEVELOPMENT PROGRAM
FDRI	FLIGHT DIRECTOR RATE INDICATOR
FDSS	FLIGHT DYNAMICS SUPPORT STAFF
FDT	FULL DUPLEX TELETYPE CIRCUIT
FEA	FAILURE EFFECT ANALYSIS
FEP	FLIGHT EVALUATION PANEL
FF	FLORIDA FACILITY
FHS	FORWARD HEAT SHIELD
FIDO	FLIGHT DYNAMICS OFFICER
FIT	FABRICATION INTEGRATION AND TEST
FIT	FAULT ISOLATION TESTS
FTTH	FIRE IN THE HOLE
FLAC	FLORIDA AUTOMATIC COMPUTER
FLC	FLIGHT LINE CAMERA
FM	FLIGHT MODEL
FM	FREQUENCY MODULATION
FM/CW	FREQUENCY MODULATED CONTINUOUS WAVE
FWEA	FAILURE MODES AND EFFECTS ANALYSIS
FMES	FULL MISSION ENGINEERING SIMULATOR
FMIC	FREQUENCY MONITORING AND INTERFERENCE CONTROL
FMS	FREQUENCY MEASUREMENT SET
FMX	FM TRANSMITTER
FO	FIELD OFFICE
FO	FLORIDA OPERATIONS
F/O	FUEL TO OXIDIZER RATIO
FOD	FLIGHT OPERATIONS
FORTRAN	FORMULA TRANSLATION
FOV	FIELD OF VIEW
FF	FLAME PROTECTION
FP	FREEZING POINT
FPAR	FAILED PART ANALYSIS REPORT
FPIS	FORWARD PROPAGATION IONOSPHERIC SCATTER TRANSCEIVERS
FPQ	FIXED, GROUND, SPECIAL PURPOSE (RADAR)
FPR	FLIGHT PERFORMANCE RESERVE
FQ	FLIGHT QUALIFICATION
FRC	FLIGHT RESEARCH CENTER
FRDIS	FLIGHT RESEARCH AND DEV INSTR SYSTEM
FRF	FLIGHT READINESS FIRING
FRR	FLIGHT READINESS REVIEW
FS	FLIGHT SIMULATOR
FSC	FREQUENCY SHIFT CARRIER
FSE	FACTORY SUPPORT EQUIPMENT
FSE	FIELD SUPPORT EQUIPMENT
FSECO	FIRST STAGE ENGINE CUTOFF
FSF	FLIGHT SEQUENCE FIRING
FSK	FREQUENCY SHIFT KEYED
FSN	FEDERAL STOCK NUMBER
FSRB	FLIGHT SAFETY REVIEW BOARD
FSS	FIRST STAGE SEPARATION
FSTV	FULL SCALE TEST VEHICLE
FT	FAILURE TEST
FT	FUNCTIONAL TEST
FTA	FLIGHT TEST ARTICLE

FTA	FLIGHT TEST ASSISTANT
FTM	FLIGHT TEST MANNED, FINAL TEST METHOD
FTM	FLIGHT TEST MODULE
FTP	FUNCTIONAL TEST PROCEDURE
FTS	FUNCTIONAL TEST SPECIFICATION
FTU	FLIGHT TEST UNMANNED
FVV	FACILITIES VERIFICATION VEHICLE (NAA)
FY	FISCAL YEAR
G	GRAVITATIONAL UNIT OF FORCE
G/A	GROUND-AIR
GAC	GEMINI-APOLLO COMPILER
GAEC	GRUMMAN AIRCRAFT ENGINEERING CORP.
G/A/G	GROUND-AIR-GROUND
GAPL	GROUND ASSEMBLY PARTS LIST
GASTA	GIMBAL ANGLE SEQUENCING TRANSFORMATION ASSEMBLY
GAT	GREENWICH APPARENT TIME
GAT	GROUND-TO-AIR TRANSMITTER
GATP	GROUND ARTICLE TEST PROCEDURE
GATV	GEMINI AGENA TARGET VEHICLE
GBI	GRAND BAHAMA ISLAND (STATION 3,ETR)
GBR	RADIO STATION RUGBY, ENGLAND
GC	GIGACYCLES (10 TO THE POWER OF 9 CYCLES/SEC)
GC	GIMBAL CASE
GC	GUIDANCE AND CONTROL
GCA	GROUND CONTROL APPROACH
GCA	GUIDANCE COUPLER ASSEMBLY
GCC	GEMINI CONTROL CENTER (NASA)
GCC	GLOBAL CONTROL CENTER (IBM)
GCD	MANEUVER GROUND COVERAGE DISPLAY
GCI	GEMINI CONFIGURATION INDEX
GCI	GROUND-CONTROL INTERCEPTION
GCS	GUIDANCE AND CONTROL SYSTEM
GCTS	GROUND COMMUNICATIONS TRACKING SYSTEMS
GCU	GUIDANCE COUPLER UNIT OR GYRO COUPLING UNIT
GDA	GENERAL DYNAMICS ASTRONAUTICS
GDA	GIMBAL DRIVE ACTUATOR
GOAA	GIMBAL DRIVE ACTUATOR ASSEMBLY
GDC	GROUND DIGITAL CONTROL
GDC	GYRO DISPLAY COUPLER
GDF	GAS DYNAMICS FACILITY
GDMT	GEMINI DETAILED MANEUVER TABLE
GDOP	GEOMETRIC DILUTION OF PRECISION
GE	GENERAL ELECTRIC COMPANY
GECS	GIMBALED ENGINE CONTROL SYSTEM
GEEIA	GROUND ELECTRONICS ENGINEERING INSTALLATION AGENCY
GET	GROUND ELAPSED TIME
GETS	GIMBALED ENGINE TRIM SYSTEM
GETS	GROUND-ELAPSED-TIME SYNCHRONIZATION
GETS	GROUND EQUIPMENT TEST SET
GFAE	GOVERNMENT FURNISHED AEROSPACE EQUIPMENT
GFE	GOVERNMENT FURNISHED EQUIPMENT
GFP	GOVERNMENT FURNISHED PROPERTY
GGC	GEOCENTRIC GRAVITATIONAL CONSTANT
GHA	GREENWICH HOUR ANGLE
GIA	GOVERNMENT INSPECTION AGENCIES
GICS	GLOBAL INSTRUMENTATION CONTROL SYSTEM (IBM)
GICS	GROUND INSTRUMENTATION AND COMMUNICATION SYSTEM

GISP	GROUND INSTRUMENTATION SUPPORT PLAN
GLDS	GEMINI LAUNCH DATA SYSTEM
GLOTRAC	GLOBAL TRACKING (ETR)
GLV	GEMINI LAUNCH VEHICLE (TITAN)
GLVWG	GEMINI LAUNCH VEHICLE WORKING GROUP
GMCF	GUIDED MISSILE CONTROL FACILITY
G-M C-T	GEIGER-MUELLER COUNTER - TUBE
GME	GIMBAL MOUNTED ELECTRONICS
GMP	GEMINI MANAGEMENT PANEL
GMRD	GUIDED MISSILE RANGE DIVISION
GMS	GEMINI MISSION SIMULATOR
GMT	GREENWICH MEAN TIME
GMTCT	GREENWICH MEAN TIME CONTINGENCY TIME
GMTDM	GREENWICH MEAN TIME DESCENT MANEUVER
GMTEL	GREENWICH MEAN TIME EARTH LANDING
GMTEO	GREENWICH MEAN TIME END OF ORBIT
GMTIA	GREENWICH MEAN TIME INITIATE ABORT
GMTIR	GREENWICH MEAN TIME INITIATE ROLL FOR RE-ENTRY
GMTLC	GREENWICH MEAN TIME LANDING, COMPUTED
GMTLO	GREENWICH MEAN TIME LIFTOFF, LAUNCH OPPORTUNITY
GMTLR	GREENWICH MEAN TIME LUNAR RENDEZVOUS
GMTMB	GREENWICH MEAN TIME MOON BLACKOUT
GMTMC	GREENWICH MEAN TIME MIDCOURSE CORRECTION
GMTMI	GREENWICH MEAN TIME MANUAL INSERTION
GMTMO	GREENWICH MEAN TIME MANEUVER INTO ORBIT
GMTMV	GREENWICH MEAN TIME MINIMUM VELOCITY
GMTOI	GREENWICH MEAN TIME ORBITAL INSERTION
GMTOM	GREENWICH MEAN TIME ORBIT MODIFICATION
GMTOCVE	GREENWICH MEAN TIME OPTICAL CAPTURE VOLUME ENTRY
GMTPC	GREENWICH MEAN TIME PLANE CHANGE, PROPULSION COMPLETION
GMTPD	GREENWICH MEAN TIME PARAGLIDER DEPLOYMENT
GMTRBOPC	GREENWICH MEAN TIME RETROFIRE BASED ON PRESENT CAPSULE
GMTRC	GREENWICH MEAN TIME RETROFIRE COMPUTED
GMTRE	GREENWICH MEAN TIME RE-ENTRY
GMTRP	GREENWICH MEAN TIME RELIABLE FIX
GMTS	GREENWICH MEAN TIME SETTING
GMTTI	GREENWICH MEAN TIME TRANSEARTH INJECTION
GMTTI	GREENWICH MEAN TIME TRANSLUNAR INJECTION
GMTIM	GREENWICH MEAN TIME INITIATING FIRST TERMINAL MANEUVER
GMTO	GREENWICH MEAN TIME LIFT OFF TIME
GMTVA	GREENWICH MEAN TIME VEHICLE ACQUISITION
G+N	GUIDANCE AND NAVIGATION
GNC	GUIDANCE AND NAVIGATION COMPUTER
GNE	GUIDANCE AND NAVIGATION ELECTRONICS
G+NS	GUIDANCE AND NAVIGATION SUBSYSTEM (FORMERLY N+GS)
GOE	GROUND OPERATIONAL EQUIPMENT
GOM	GOVERNMENT OWNED MATERIAL
GORP	GROUND OPERATIONS REQUIREMENT PLAN
GOSS	GROUND OPERATIONAL SUPPORT SPECIFICATION
GPD	GOSS PROGRAM DIRECTORATE
GPE	GOVERNMENT PROCURED EQUIPMENT
GPI	GIMBAL POSITION INDICATOR(NAA)
GPL	GENERAL PRECISION LABORATORIES
GPM	GALLONS PER MINUTE
GPO	GEMINI PROGRAM OFFICE
GPPB	GEMINI PROGRAM PLANNING BOARD
GPS	GALLONS PER SECOND



GPT	GIMBAL POSITION TRANSDUCER
GQT	GROUND QUALIFICATION TEST
GRU	GYRO REFERENCE UNIT
GSA	GOVERNMENT SERVICES ADMINISTRATION
GSCS	GROUND SPACE COMMUNICATION SYSTEM
GSDS	GOLDSTONE DUPLICATE STANDARD
GSE	GROUND SUPPORT EQUIPMENT
GSED	GROUND SYSTEM ENGINEERING DIVISION
GSFC	GODDARD SPACE FLIGHT CENTER
GSPO	GEMINI SPACECRAFT PROGRAM OFFICE
GSPO	GROUND SYSTEMS PROJECT OFFICE
GSR	GALVANIC SKIN RESPONSE
GSS	GEMINI SUPPORT SITE
GSS	GROUND SUPPORT SYSTEM
GSSC	GROUND SUPPORT SIMULATIONS COMPUTER
GST	GREENWICH SIDEREAL TIME
GTA	GEMINI TITAN AGENA
GTF	GOVERNMENT TEST FACILITY
GTI	GRAND TURK ISLAND (FORMERLY GTK STATION 7, ETR)
GTM	GROUND TEST MODULE
GTN	GLOBAL TRACKING NETWORK
GTRS	GROUND TIME REMAINING UNTIL RETROFIRE SETTING IS REACHED
GTV	GROUND TEST VEHICLE
GYM	GUAYMAS, MEXICO
HA	HARNESS ASSEMBLY
H-A	HAZARDOUS AREA
HAA	HIGH ALTITUDE ABORT
HAC	HUGHES AIRCRAFT CO, CULVER CITY, CALIFORNIA
HADC	HOLLOMAN AIR DEVELOPMENT CENTER
HAFB	HOLLOMAN AIR FORCE BASE
HAPR	HEAVYWEIGHT-ASCENT PROPULSION RIG
HATS	HIGH ALTITUDE TEST STAND
HBU	HELIUM BOOSTER UNIT
HBW	HOT BRIDGEWIRE
HDAC	HELIUM DISTRIBUTION ASSEMBLY CONTROLLER
HDPR	HEAVY WEIGHT DESCENT PROPULSION RIG
HF	HIGH FREQUENCY (3-30MC)
HFRA	HIGH FREQUENCY RECOVERY ANTENNA
HFX	HIGH FREQUENCY TRANSCEIVER (NAA)
HGA	HIGH GAIN ANTENNA (NAA)
HGB	HEMOGLOBIN
HIG	HERMETICALLY SEALED INTEGRATING GYRO
HL	HEEL LINE
HL	HIGH LEVEL
HOFCO	HORIZONTAL FUNCTIONAL CHECKOUT
HOSC	HUNTSVILLE OPERATIONS SUPPORT CENTER
HPDA	HELIUM PRESSURE DISTRIBUTION ASSEMBLY
HR-1	HEAVYWEIGHT REACTION CONTROL SUBSYSTEM RIG
HRA	HIGH FREQUENCY RECOVERY ANTENNA
HRSU	HELIUM READY STORAGE UNIT
HRT	HIGH RESOLUTIONS TRACKING
HRZ	HORIZONTAL
HS	HEAT SHIELD
HS	HIGH SPEED
HSC	HOUSE SPACECRAFT
HSD	HAMILTON STANDARD DIVISION
HSD	HIGH SPEED DATA

HTCU	HELIUM TRANSFER AND CONDITIONING UNIT
HTS	HEAT TRANSPORT SECTION
HW	HOT WIRE
IA	INPUT-AXIS
IAA	INTERNATIONAL AEROSPACE ABSTRACTS
IBR	INSPECTION BOARD REVIEW
I + C	INSTALLATION AND CHECKOUT
ICA	INSTRUMENT CONTROLLED APPROACH
ICBM	INTERCONTINENTAL BALLISTIC MISSILE
ICC	INSTRUMENTATION CONTROL CENTER
ICD	INSTRUMENTATION CONTROL DRAWING
ICD	INTERFACE CONTROL DOCUMENT
ICD	INTERFACE CONTROL DRAWING
ICE	INTROSPECTIVE CHECKOUT PLAN
ICP	INTEGRATED CHECKOUT PLAN
ICS	INTERNAL COMMUNICATION SYSTEM
ICTC	INERTIAL COMPONENT TEMPERATURE CONTROLLER
ICTE	INERTIAL COMPONENT TEST EQUIPMENT
ICW	INTERRUPTED CONTINUOUS WAVE
IDEP	INTERSERVICE DATA EXCHANGE PROGRAM
IDTS	INSTRUMENTATION DATA TRANSMISSION SYSTEM
IDU	INDICATOR DRIVER UNIT
IECO	INBOARD ENGINE CUTOFF
IEI	INTERMEDIATE ENGINEERING INSPECTION
IEM	INTERNAL ENVIRONMENT MONITORING
IES	INTERNAL ENVIRONMENT SIMULATOR
IESD	INSTRUMENTATION AND ELECTRONICS SYSTEM DIVISION
IF	INTERMEDIATE FREQUENCY
IFA	IN FLIGHT ANALYSIS
IFC	IN FLIGHT COMPARATOR
IFLOT	INTERMEDIATE FOCAL LENGTH OPTICAL TRACKER
IFLTT	INTERMEDIATE FOCAL LENGTH TRACKING TELESCOPE
IFMA	INFLIGHT MONITOR ASSEMBLY
IFPMS	IN FLIGHT PERFORMANCE MONITORING SYSTEM
IFT	INFLIGHT TEST
IFT +M	IN FLIGHT TEST AND MAINTENANCE
IFTS	INFLIGHT TEST SYSTEM
IG	INNER GIMBAL
IGA	INNER GIMBAL AXIS OR ANGLE
IGACE	INTEGRATED GROUND AUTOMAT CHECKOUT EQUIP
IGM	ITERATIVE GUIDANCE MODE
IGN+C	INTEGRATED GUIDANCE NAVIGATION AND CONTROL
IGOR	INTERCEPT GROUND OPTICAL RECORDER (ETB)
IGORTT	IGOR TRACKING TELESCOPE
IGS	INERTIAL GUIDANCE SYSTEM
IGSE	INTEGRATED GROUND SUPPORT EQUIPMENT
IGY	INTERNATIONAL GEOPHYSICAL YEAR
IIP	INSTANTANEOUS IMPACT POINT
ILCC	INTEGRATED LAUNCH CONTROL AND CHECKOUT
ILCCS	INTEGRATED LAUNCH CONTROL AND CHECKOUT SYSTEM
IL-MIT	INSTRUMENTATION LABORATORY - MIT
IL-RS	INTERSYSTEM LINK OF REMOTE STATION
ILS	INSTRUMENT LANDING SYSTEM
ILU	INCOMING LINE UNIT
IMCC	INTEGRATED MISSION CONTROL CENTER
IMCCI	INTEGRATED MISSION CONTROL CENTER IMPLEMENTATION
IMP	IMPINGE

IMP	INTERPLANETARY MONITORING PLATFORM
IMP	INTERPLANETARY MONITORING PROBE
IMPED	IMPEDANCE
IMPS	INTERPLANETARY MEASUREMENT PROBES (JPL)
IMU	INERTIAL MEASUREMENT UNIT
INS	INERTIAL NAVIGATION SYSTEM
I/O	INPUT/OUTPUT
IOC	INITIAL OPERATIONAL CAPABILITY
IOCS	INPUT/ OUTPUT CONTROL SYSTEM
IP	IMPACT POINT
IP	IMPACT PREDICTOR
IPA	INTERMEDIATE POWER AMPLIFIER
IPB	ILLUSTRATED PARTS BOOK
IPS	INCH-PER-SECOND
IPS	INSTRUMENTATION POWER SUPPLY
IR	INFRARED OR INFORMATION REQUEST
IRA	INSTRUMENTED RECOVERY AIRCRAFT
IRACQ	INSTRUMENTATION HADAR AND ACQUISITION PANEL
IRBM	INTERMEDIATE RANGE BALLISTIC MISSILE
IRFNA	INHIBITED RED FUMING NITRIC ACID
IRIG	INTER RANGE INSTRUMENTATION GROUP
IRIG	INERTIAL RATE INTEGRATING GYROSCOPE (MIT)
IRIG	INERTIAL REFERENCE INTEGRATING GYRO
IRN	INTERFACE REVISION NOTE
IRP	INERTIAL REFERENCE PACKAGE
IRU	INERTIAL REFERENCE UNIT
ISB	INDEPENDENT SIDEBAND
ISC	INDUSTRIAL SUPPORT CONTRACTOR
ISCD	INTERFACE SPECIFICATION CONTROL DOCUMENT
ISD	INTERSTAGE SEPARATION DISCONNECT
ISE	INDUSTRY STANDARD EQUIPMENT
ISI	INSTRUMENTATION/SUPPORT INSTRUCTIONS
Isp	SPECIFIC IMPULSE
ISS	INPUT SUBSYSTEM
ISTP	INSTRUMENTATION SYSTEM TEST PROCEDURE
ITA	INTEGRATED TEST AREA
ITF	INTEGRATED TEST FACILITY
ITI	INSPECTION AND TEST INSTRUCTIONS
ITOR	INTERCEPT TARGET OPTICAL RECORDER
ITP	INSPECTION TEST PROCEDURE
ITQ	INVITATION TO QUOTE
ITS	INTEGRATED TRAJECTORY SYSTEM
IU	INSTRUMENT UNIT (SATURN)
IUA	INERTIAL UNIT ASSEMBLY
IW	INTERCHANGEABLE WITH
JAN	JOINT AIR FORCE-NAVY
JATO	JET-ASSISTED TAKEOFF
J-CLOT	JOINT CLOSED-LOOP OPERATIONS TEST
JFACT	JOINT FLIGHT-ACCEPTANCE COMPOSITE TEST
JIM	JOB INSTRUCTION MANUAL
J/M	JETTISON MOTOR
JNSC	JOINT NAVIGATION SATELLITE COMMITTEE
JOD	JOINT OCCUPANCY DATE
JON	JOHANNESBURG, SOUTH AFRICA
JOP	JOINT OPERATING PROCEDURES
JPL	JET PROPULSION LABORATORY ( CAL. TECH. PASADENA CALIF)
JUP	PT. JUPITER (STATION 2, ETR)

KB	KILO BITS
KBPS	KILO BITS PER SEC.
KMC	KILOMEGACYCLES
KNO	KANO, NIGERIA,S.W. AFRICA
KPPS	KILOPULSES PER SECOND
KPS	KAENA PT. STATION (HAWAII)
KSC	KENNEDY SPACE CENTER
KSR	KEYBOARD SEND/RECEIVE UNIT
KTS	KODIAK TRACKING STATION, ALASKA
LACS	LEM-APOLLO COMMUNICATIONS SYSTEM
LAD	LOS ANGELES DIVISION (NAA)
LAEI	LIMITING ACTUAL EXPOSURE TIME
LASER	LIGHT AMPLIFICATION THROUGH STIMULATED EMISSION OF RADIATION
LASV	LOW ALTITUDE SUPERSONIC VEHICLE (AIR FORCE)
LAT	LOCAL APPARENT TIME
LC	LAUNCH COMPLEX
LCC	LAUNCH CONTROL CENTER
LCE	LAUNCH COMPLEX EQUIPMENT
LCG	LIQUID COOLED GARMENT
LCO	LAUNCH CONTROL OFFICER
LCOC	LAUNCH CONTROL OFFICER CONSOLE
LCS	LAUNCH CONTROL SYSTEM
LCTT	LAUNH COMPLEX TELEMETRY TRAILER
LCTV	LAUNCH COMPLEX TELEMETRY VAN
L/D	LENGTH/DIAMETER RATIO
L/D	LIFT/DRAG RATIO
LDGE	LEM DUMMY GUIDANCE EQUIPMENT
LDP	LOCAL DATA PACKAGE
LDS	LAUNCH DATA SYSTEM
LDT	LEVEL DETECTOR (NAA)
LE	LAUNCH ESCAPE
LEB	LOWER EQUIPMENT BAY
LECS	LEM-EARTH COMMUNICATIONS SYSTEM
LEE	LEM ELECTRONIC EQUIP
LEM	LUNAR EXCURSION MODULE
LE/PC	LAUNCH ESCAPE PITCH CONTROL
LEPS	LAUNCH ESCAPE PROPULSION SYSTEM
LEPS	LUNAR EXCURSION PROPULSION SYSTEM
LERC	LEWIS RESEARCH CENTER
LES	LAUNCH ESCAPE SYSTEM
LET	LAUNCH ESCAPE TOWER
LEV	LAUNCH ESCAPE VEHICLE
LF	LOW FREQUENCY (30 TO 300 KC)
LFA	LEM FORM A
LFE	LABORATORY FOR ELECTRONICS
LGC	LEM GUIDANCE COMPUTER
LGE	LEM GUIDANCE EQUIPMENT
LGE	LUNAR GEOLOGICAL EQUIPMENT
LGP	LEM GROUND POINTS
LH	LEFT HAND
LHA	LOCAL HOUR ANGLE
LHCP	LEFT-HANDED CIRCULAR POLARIZATION
LIEF	LAUNCH INFORMATION EXCHANGE FACILITY
LJ	LITTLE JOE
LL	LINCOLN LABORATORY (MIT)
LL	LOW LEVEL
LL	LUNAR LANDING

LLM	LUNAR LANDING MODULE OR MISSION
LLPM	LUNAR LANDING PROPULSION MODULE
LLS	LUNAR LANDING SITE
LLSV	LUNAR LOGISTICS SYSTEM VEHICLE
LLS	LUNAR LOGISTICS SYSTEM
LLT	LUNAR LANDING TRANSFER
LLV	LUNAR LOGISTICS VEHICLE
LM	LANDMARK
LMCS	LEM-MAN COMMUNICATIONS SYSTEM
LMSC	LOCKHEED MISSILE AND SPACE CO
LME	LAUNCH MONITOR EQUIPMENT
LMP	LEM MISSION PROGRAMMER
LMS	LEM MISSION SIMULATOR
LMSS	LAUNCH MONITOR SUBSYSTEM
LMT	LOCAL MEAN TIME
LO	LAUNCH OPERATIONS
LO	LIFT OFF
LOA	LUNAR ORBITAL ASSEMBLY
LOB	LINE OF BALANCE
LOB	LAUNCH OPERATIONS BUILDING
LOC	LAUNCH OPERATIONS CENTER (JOHN F KENNEDY SPACE CENTER-NASA-)
LOCC	LAUNCH OPERATIONS CONTROL CENTER
LOD	LAUNCH OPERATIONS DIRECTORATE
LOFAR	LOW-FREQUENCY ACQUISITION AND RANGING
LOI	LUNAR ORBIT INSERTION
LOR	LUNAR ORBIT RENDEZVOUS
LORAC	LONG RANGE ACCURACY
LORAN	LONG RANGE NAVIGATION
LOS	LINE OF SIGHT
LOS	LOSS OF SIGNAL
LOTS	LAUNCH OPTICAL TRAJECTORY SYSTEM
LOX	LIQUID OXYGEN
LP	LOW PRESSURE
LPA	LOG PERIODIC ANTENNA
LPFA	LEM PRELIMINARY FORM A
LPGE	LEM PARTIAL GUIDANCE EQUIPMENT
LPO	LUNAR PARKING ORBIT
LPR	LIQUID PROPELLANT ROCKET
LR	LUNAR RENDEZVOUS
LRA	LEM REPLACEABLE ASSEMBLIES
LRC	LANGLEY RESEARCH CENTER
LS	LANDING SYSTEM
LS	LIFE SYSTEMS
LSB	LEAST SIGNIFICANT BIT
LSB	LOWER SIDE BAND
LSD	LOW SPEED DATA
LSE	LAUNCH SEQUENCER EQUIPMENT
LSF	LAUNCH SUPPORT FACILITY
LSO	LUNAR SURFACE OPERATIOINS
LSP	LEM SPECIFICATION
LSR	LUNAR SURFACE RENDEZVOUS
LSS	LIFE SUPPORT SYSTEM
LST	LOCAL SIDEREAL TIME
LSTU	LEM SPECIAL TEST UNIT
LSV	LUNAR SURFACE VEHICLE
LTA	LEM TEST ARTICLE
LTDS	LAUNCH TRAJECTORY

LTM	LIFE TEST MODEL
LTR	LIQUID TEST RIG
LTS	LAUNCH TELEMETRY SYSTEM
LTS	LAUNCH TRAINING STATIONS
LTS	LIFTOFF TRANSMISSION SUBSYSTEM
LTV	LING TEMCO VOUGHT
LTW	LAUNCH TIME WINDOW
LUCOM	LUNAR COMMUNICATION SYSTEM
LULS	LUNAR LOGISTIC SYSTEM
LUM	LIVING UTILITY MODULE
LUT	LAUNCHER UMBILICAL TOWER
LV	LAUNCH VEHICLE
LVC	LEM VENDOR CHANGE
LVDC	LAUNCH VEHICLE DIGITAL COMPUTER
LVOD	LAUNCH VEHICLES OPERATION DIVISION
LVSE	LAUNCH VEHICLE SYSTEMS ENGINEER
LW	LAUNCH WINDOW
LWD	LAUNCH WINDOW DISPLAY
MA	MESSAGE ASSEMBLER
MAB	MESSAGE ASSEMBLER AND BUFFER (IBM)
MAB	MISSILE ASSEMBLY BUILDING
MAC	MCDONNELL AIRCRAFT
MACK	MISTRAM AUXILIARY CHECKOUT KIT (FOR TRANSPONDER)
MAFSPO	MANNED SPACE LIGHT SUPPORT PROJECT OFFICE
MAIR	MANUFACTURING ASSEMBLY AND INSPECTION RECORD
MAMP	MILLIAMPERES
MAR	MEMORY ADDRESS REGISTER
MARS	MARTIN AUTOMATIC REPORTING SYSTEM
MARS	MILITARY ADVANCE RANGE SHIP (SUPERSEDED BY ARIS)
MASER	MICRO-WAVE AMPLIFICATION THROUGH STIMULATED EMISSION OF RADIATION
MASTIF	MULTI-AXIS SPIN TEST INERTIAL FACILITY
MAT	MINIMUM AIRWORTHINESS TEST
MATS	MILITARY AIR TRANSPORT SERVICE
MATIS	MULTIPLE AIRBORNE TARGET TRAJECTORY SYSTEM
MAY	MAYAGUANA (BRITISH WEST INDIES STA 6, ETR)
MBCS	MAN BACK-PACK COMMUNICATIONS SYSTEM
MC	MEGACYCLES
MC	MIDCOURSE CORRECTION
MCA	MAIN CONSOLE ASSEMBLY
MCC	MISSION CONTROL CENTER
MCCDU	MANUAL CONTROL COUPLING DISPLAY UNIT
MCCDUO	MANUAL CONTROL COUPLING DISPLAY UNIT OPTICS
MCC-H	MISSION CONTROL CENTER, HOUSTON
MCC-K	MISSION CONTROL CENTER, CAPE KENNEDY
MCR	MANUAL CHANGE REQUEST
MCS	MAIN CORE STORAGE
MCS	MEMORY CONTROL SUBSYSTEM
MCW	MASTER CAUTION WARNING
MD	MESSAGE DISTRIBUTOR
MDC	MAIN DISPLAY CONSOLE
MDC	MISSION DISPLAY CONTROL
MDCS	MASTER DIGITAL COMMAND SYSTEM
MDE	MCDONNELL DESIGN EQUIPMENT
MDE	MONITOR DISPLAY EQUIPMENT
MDF	MAIN DISTRIBUTOR FRAME
MDF	MILO DETONATING FUSE
MDI	MISS-DISTANCE INDICATOR

MDIU	MANUAL DATA INSERTION UNIT
MDK	MANUAL DATA KEYBOARD
MDR	MAJOR DESIGN REVIEW
MDS	MALFUNCTION DETECTION SYSTEM, (GEMINI)
MDSS	MISSION DATA SUPPORT SYSTEM
MDT	MEAN DOWN TIME
MDU	MESSAGE DISTRIBUTOR UNIT
M+DV	MAP AND DATA VIEWER
MEAR	MAINTENANCE ENGINEERING ANALYSIS RECORD
MEB	MISSION ENGINEERING BRANCH (APOLLO SPACECRAFT PROJECT)
MECU	MAIN ENGINE CUT-OFF
MEI	MASTER END ITEM
MEM	MARS EXCURSION MODULE
MERU	MILLI-EARTH RATE UNIT (0.015 DEGREES / HOUR)
MES	MISSION EVENT SEQUENCE
MESC	MASTER EVENTS SEQUENCE CONTROLLER
MESP	MISSION EVENT SEQUENCE PANEL
MET	MISSION ELAPSED TIME
MF	MEDIUM FREQUENCY (300 TO 3,000 KC)
MFD	MISSION FLIGHT DIRECTOR
MFLT	MEDIUM-FOCAL-LENGTH TRACKING TELESCOPE
MFS	MAGNETIC FIELD STRENGTH
MFSB	MANNED FLIGHT SURVEILLANCE BOARD
MG	MIDDLE GIMBAL
MGA	MIDDLE GIMBAL ANGLE OR AXIS
MGE	MAINTENANCE GROUND EQUIPMENT
MGN	MERCURY-GEMINI NETWORK
MGT	MODULE GROUND TEST
MGZ	MAYAGUEZ, PUERTO RICO (STATION 9, ETRI
M-H	MINNEAPOLIS HONEYWELL CORPORATION
MHD	MAGNETOHYDRODYNAMICS
MI	MANUAL INPUT
MI	MOMENT OF INERTIA
MIDAS	MISSILE DETECTION ALARM SECTION
MIDAS	MISSILE INTERCEPT DATA ACQUISITION SYSTEM
MIDOT	MULTIPLE INTERFEROMETER DETERMINATION OF TRAJECTORIES
MIG	MINIATURE INTEGRATING GYRO
MIL	MERIT INDEX LIST
MILA	MERRITT ISLAND LAUNCH AREA
MILS	MISSILE IMPACT LOCATION SYSTEM
MIP	MINIMUM IMPULSE PULSE
MIRROS	MODULATION INDUCING REACTIVE RETRODIRECTIVE OPTICAL SYSTEM
MISS	MINIATURE SOLAR SYSTEM
MISTRAM	MISSILE TRAJECTORY MEASUREMENT SYSTEM
MIT	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MITE	MASTER INSTRUMENTATION TIMING EQUIPMENT
MITE	MISSILE INTEGRATION TERMINAL EQUIPMENT
MITIL	MASSACHUSETTS INSTITUTE OF TECHNOLOGY INSTRUMENTATION LAB
MITOC	MISSILE TECHNICAL OPERATIONS COMMUNICATIONS
ML	MOLD LINE
MLG	MAIN LANDING GEAR
MLLP	MANNED LUNAR LANDING PROJECT
MLS	MOON LANDING SEQUENCE OR SYSTEM
MLT	MOBILE LAUNCH TOWER (FORMERLY LUT)
MM	MID-COURSE MANEUVER
MM	MILLIMETER
MMC	MIDCOURSE MEASUREMENT CORRECTION

MMH	MONOMETHYLHYDRAZINE (FUEL)
MMHG	MILLIMETERS OF MERCURY
MMI	MASS MOMENTS OF INERTIA
MMM	MARS MISSION MODULE
MMRBM	MOBILE, MID-RANGE BALLISTIC MISSILE (AIR FORCE)
MMS	MCDONNELL MATERIAL SPECIFICATION
MMU	MIDCOURSE MEASUREMENT UNIT
MMU	MODULES MANEUVERING UNIT
N2O4	NITROGEN TETROXIDE
MO	MANEUVER INTO ORBIT
MOC	MASTER OPERATIONAL CONSOLE
MOC	MASTER OPERATIONS CONTROL
MOC	MISSION OPERATIONS COMPUTER
MOCPC	MISSION OPERATIONAL COMMUNICATION PROCESSOR
MOCR	MISSION OPERATIONS CONTROL ROOM (IMCC)
MODEM	MODULATOR/ DEMODULATOR
MODS	MANNED ORBITAL DEVELOPMENT SYSTEM
MOL	MANNED ORBITAL LABORATORY
MOPAR	MASTER OSCILLATOR POWER AMPLIFIER RADAR
MOPS	MILITARY OPERATIONAL PHONE SYSTEM
MOPTARS	MULTI-OBJECT PHASE TRACKING AND RANGING SYSTEM
MOS	MISSILE ON STAND
MOSS	MANNED ORBITAL SPACE SYSTEM
MOST	MOBILE OPTIC SURVEILLANCE TRACKER
MOTU	MOBILE OPTICAL TRACKING UNIT
MOW	MISSION OPERATIONS WING
MPA	METEOROID PENETRATION ANALYSIS
MPA	MINIATURE PENDULUM ACCELEROMETER
MPG	MULTIPLE POINT GROUND
MPM	MAXIMUM PROPELLANT MISSION
MPS	MISSION PREPARATION SHEET
MPTR	MOBILE POSITION TRACKING RADAR
MR	MALFUNCTION REPORT
MRA	MATERIAL REVIEW ACTION
MRAD	MILLIRADIANS
MRB	MATERIAL REVIEW BOARD
MRBM	MEDIUM-RANGE BALLISTIC MISSILE
MRCR	MEASUREMENT REQUIREMENT CHANGE REQUEST
MRD	MATERIAL REVIEW DISPOSITION
MR-HR	MILLIROENTGENS PER HOUR
MRR	MATERIAL REVIEW REPORT
MRRCS	MATERIAL REVIEW RECORD CONTINUATION SHEET
MS	MEASUREMENT SYSTEM
MS	MISSILE STATIONS
M/S	MISSION SEQUENCER
MS	MISSION SIMULATOR
MS	MILLISECONDS
MSB	MOST SIGNIFICANT BIT
MSC	MANNED SPACECRAFT CENTER (NASA), HOUSTON, TEXAS
MSCC	MANNED SPACEFLIGHT CONTROL CENTER
MSCO	MANUAL SUSTAINER ENGINE CUT-OFF
MSE	MECHANICAL SUPPORT EQUIPMENT
MSFC	MARSHALL SPACE FLIGHT CENTER
MSFEB	MANNED SPACE FLIGHT EXPERIMENTS BOARD
MSFN	MANNED SPACE NETWORK
MSI	MANNED SATELLITE INSPECTOR
MSL	MEAN SEA LEVEL



MSOB	MANNED SPACECRAFT OPERATIONS BUILDING
MSS	MISSION STATUS SUMMARY
MSS	MOBILE SERVICE STRUCTURE (FORMERLY MAT)
MST	MOBILE SERVICE TOWER
MSTS	MILITARY SEA TRANSPORTATION SERVICE
MT	MAGNETIC TAPE
MTBF	MEAN TIME BEFORE FAILURE
MTBM	MEAN TIME BETWEEN MAINTENANCE
MTBMA	MEAN-TIME-BETWEEN-MAINTENANCE ACTIONS
MTF	MEAN-TIME-TO-FAILURE
MTF	MISSISSIPPI TEST FACILITY
MTM	MECHANICAL TEST MODEL
MTO	MISSISSIPPI TEST OPERATIONS
MTP	MASTER TEST PLAN
MTR	MEAN-TIME-TO-REPAIR
MTS	MISSION TRAINING SIMULATOR
MTS	MEMBER-TECHNICAL STAFF
MTTR	MEAN TIME TO REPAIR
MTU	MAGNETIC TAPE UNIT
MU	MOCK-UP
MUC	MUCHEA, AUSTRALIA
MUX	FREQUENCY MULTIPLEX EQUIPMENT
MV	MILLIVOLTS
MVD	MAP AND VISUAL DISPLAY (UNIT)
MVDC	MILLIVOLTS DIRECT CURRENT
MV/M	MILLIVOLTS PER METER
MW	MILLIWATTS
MXD	MULTIPLE TRANSMITTER DISTRIBUTOR
NA	NAVAL AIR (USN)
NAA	NORTH AMERICAN AVIATION INC (DOWNEY CALIFORNIA)
NACA	NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS
NACODE	NAVY CORRELATION DETECTION RECEIVING SYSTEM
NADC	NAVAL AIR DEVELOPMENT CENTER
NAMTC	NAVAL AIR MISSILE TEST CENTER
NAS	NATIONAL AIRCRAFT STANDARDS
NASA	NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION
NASC	NATIONAL AERONAUTICS AND SPACE COUNCIL
NASCOM	NASA WORLD-WIDE COMMUNICATION NETWORK
NBS	NATIONAL BUREAU OF STANDARDS
NBTS	NEW BOSTON TRACKING SITE
NBWEPS	NAVAL BUREAU OF WEAPONS
NC	NATIONAL COURSE (THREAD)
NC	NORMALLY CLOSED
NC	NOSE CONE
NCAR	NONCONFORMANCE ANALYSIS REPORT
NCR	NONCONFORMANCE REPORT
NDR	NETWORK DATA REDUCTION
NED	NEAR EARTH DATA (PMP)
NEIF	NEAR EARTH INSTRUMENTATION FACILITY
NEPD	NOISE EQUIVALENT POWER DENSITY
N+GS	NAVIGATION AND GUIDANCE SUBSYSTEM (SEE G+NS)
NIF	NOISE IMPROVEMENT FIGURE
NIRTS	NEW INTEGRATED RANGE TIME SYSTEM
NLG	NOSE LANDING GEAR
NLT	NUT LESS THAN
NM	NAUTICAL MILE
NMF	NATIONAL MISSILE FACILITY

NMT	NOT MORE THAN
NO	NORMAL OPEN, NITRIC OXIDE
NORAD	NORTH AMERICAN AIR DEFENSE COMMAND
NOTS	NAVAL ORDNANCE TEST STATION
NPSH	NET POSITIVE SUCTION HEAD
NRL	NAVAL RESEARCH LABORATORY
NRZ	NON-RETURN TO ZERO
NSA	NATIONAL SECURITY AGENCY
NSC	NAVIGATIONAL STAR CATALOGUE
NSIF	NEAR SPACE INSTRUMENTATION FACILITY
NSL	NORTHROP SPACE LABORATORY
NSM	NETWORK STATUS MONITOR
NSO	NORMAL SEQUENCE OF OPERATIONS
NTCSTS	NON-TIME CRITICAL STATUS TRANSMISSION SUBSYSTEM
NV	NORTHROP-VENTURA
NV	NOT VALID
NWP	NAVAL WEAPONS PLANT
OA	OPERATIONAL ADMINISTRATION
OA	OUTPUT AXIS
OAME	ORBIT ATTITUDE AND MANEUVERING ELECTRONICS
OAMS	ORBIT ATTITUDE AND MANEUVERING SYSTEM (GEMINI)
OA0	ORBITING ASTRONAUTICAL OBSERVATORY
OAR	OFFICE OF AEROSPACE RESEARCH (AFSC)
OART	OFFICE OF ADVANCED RESEARCH AND TECHNOLOGY
OC	ORBITAL CHECK
OC	OVER CURRENT
OCC	OPERATIONS CONTROL CENTER
OCF	OPERATIONAL CONTROL FACILITY
OCI	OPERATIONAL CHECKOUT INSTRUCTION
OCO	OPERATION AND CHECKOUT
OCP	OPERATIONAL CHECKOUT PROCEDURE
OCPS	OXYGEN AND CABIN PRESSURE CONTROL SECTION
OCV	OPTICAL CAPTURE VOLUME
OD	OPERATIONS DIRECTOR (NASA)
OD	OPERATIONS DIRECTIVE
OD	ORBITAL DETERMINATION
ODOP	OFFSET FREQUENCY DOPPLER
ODU	OUTPUT DISPLAY UNIT
OECO	OUTBOARD ENGINE CUT OFF
O-F	OXIDIZER TO FUEL RATIO
OG	OUTER GIMBAL
OGA	OUTER GIMBAL ANGLE OR AXIS
OGE	OPERATIONAL GROUND EQUIPMENT (PART OF AGE)
OGO	ORBITING GEOPHYSICAL OBSERVATORY
OIF	OPERATION INSTRUMENTATION FACILITY
OIS	OPERATIONAL INSTRUMENTATION SYSTEM (IBM)
OL	OPEN LOOP
OLM	ON LINE MONITOR
OLU	OUTGOING LINE UNIT
OM	ORBIT MODIFICATION
OMSF	OFFICE OF MANNED SPACEFLIGHT
OMU	OPTICAL MEASURING UNIT
OPDAR	OPTICAL DETECTION AND RANGING
OPWG	OPERATIONAL PLANNING WORKING GROUP (CAPE)
OR	OPERATION'S REQUIREMENTS
ORD	OPERATIONS REQUIREMENTS DOCUMENT, OPERATIONAL READY DATE
ORL	ORBITAL RESEARCH LABORATORY

ORQA	OFFICE OF RELIABILITY AND QUALITY ASSURANCE
ORT	OPERATIONAL READINESS TEST
OSE	OPERATIONAL SUPPORT EQUIPMENT
OSO	OFFICE OF SPACE OPERATIONS
OSO	OPERATION SUPPORT OFFICE
OSO	ORBITING SOLAR OBSERVATORY
OSS	OFFICE OF SPACE SCIENCES
OSS	OXYGEN SUPPLY SIMULATOR
OSSA	OFFICE OF SPACE SCIENCES AND APPLICATION
OSWG	OPTICAL SYSTEMS WORKING GROUP (IRIG)
OT	OPERATIONAL TEST
OT	OPTICAL TRACKER
OTCA	OVERSEAS TELECOMMUNICATION COMMISSION (AUSTRALIA)
OTDA	OFFICE OF TRACKING AND DATA ACQUISITION
OTP	OPERATIONAL TEST PROCEDURES
PA-1	PROTOTYPE ASCENT PROPULSION RIG
PA	PAD ABORT
PA	POWER AMPLIFIER
PA	PRECISION ANGLE (SEXTANT)
PAA	PAN AMERICAN AIRWAY
PAB	PROBABILITY OF ABORT
PACE	PRECISION ANALOGUE COMPUTER EQUIPMENT
PACE	PRELAUNCH AUTOMATIC CHECKOUT EQUIPMENT
PACE	PROGRAM AUTOMATIC EQUIPMENT (NOW ACE)
PAD	PREFLIGHT ASSURANCE DIVISION
PAD	PROJECT APPROVAL DOCUMENT
PAD	PROPELLANT ACTUATED DEVICE
PADAR	PASSIVE AIRBORNE DETECTION AND RANGING
PAFB	PATRICK AFB. FLA (ETR)
PAM	PARTS AND MATERIALS
PAM	PULSE AMPLITUDE MODULATION
PATH	PERFORMANCE AND TEST HISTORY
PBS	PHYSIOLOGICAL BIOMEDICAL SYSTEM
PBX	PRIVATE BRANCH EXCHANGE (TELEPHONE)
PC	PARTICIPATING CONTRACTOR
PC	PITCH CONTROL
PC	PROGRAM CONTROL
PCA	POLAR CAP ABSORPTION
PCA	PRECISION CLEANING AGENT
PCA	PROGRAM COUPLER ASSEMBLY
PCCP	PRELIMINARY CONTRACT CHANGE PROPOSAL
PCM	PULSE CODE MODULATION
PCMTEA	PULSE CODE MODULATION AND TIMING ELECTRONIC ASSEMBLY
PCN	PROCEDURE CHANGE NOTICES
PCN	PUBLICATION CHANGE NOTICE
PCS	PACIFIC COMMAND SHIP
PCS	PERMANENT CHANGE OF STATION
PCS	PORTABLE COMMUNICATIONS SYSTEM
PCT	PERCENT
PCU	PRIORITY CONTROL UNIT
PCU	PROGRAM CONTROL UNIT
PCW	PULSED CONTINUOUS WAVE
PD-1	PROTOTYPE DESCENT PROPULSION RIG
P-CORD	PRELAUNCH CHECKOUT AND OPERATIONS DIRECTIVE
PDA	PRECISION DRIVE AXIS (SEXTANT)
PDA	PRE-DELIVERY ACCEPTANCE

PDD	PREMODULATION PROCESSOR - DEEP SPACE DATA
PDM	PULSE DURATION MODULATION
PDP	PROGRAMMED DATA PROCESSOR
PDP	PROJECT/PROGRAM DEVELOPMENT PLAN
PDR	PRELIMINARY DESIGN REVIEW
PDS	POWER DISTRIBUTION SECTION
PDV	PREMODULATION PROCESSOR - DEEP SPACE VOICE
PEI	PRELIMINARY ENGINEERING INSPECTION
PEP	PEAK ENVELOPE POWER
PERT	PROGRAM EVALUATION AND REPORTING TECHNIQUE
PET	PRODUCTION ENVIRONMENTAL TEST
PFM	PULSE FREQUENCY MODULATION
PFOD	PRE-FLIGHT OPERATIONS DIVISION
PFRT	PRE-FLIGHT RATING TESTS
PFRI	PRELIM FLIGHT RATING TEST
PFSL	PROPULSION FEED SYSTEM LABORATORY (GAEC)
PGA	PENDULOUS GYRO ACCELEROMETER
PGA	PRESSURE GARMENT ASSEMBLY
PGNCS	PRIMARY GUIDANCE AND NAVIGATION CONTROL SUBSYSTEM (FORMERLY PNGS)
PGNS	PRIMARY NAVIGATION + GUIDANCE SUBSYSTEM (GAEC)
PGS	POWER GENERATION SYSTEM
PH	HYDROGEN ION CONCENTRATION
PHO	PHILCO HOUSTON OPERATIONS
PIA	PRE-INSTALLATION ACCEPTANCE
PIAPACS	PHYSIOLOGICAL INFORMATION, ACQUISITION, PROCESSING + CONTROL SY
PICS	PROGRAM INFORMATION CALL-UP SYSTEM
PIG	PENDULOUS INTEGRATING GYRO (ACCELEROMETER)
PIGA	PENDULOUS INTEGRATING GYROSCOPIC ACCELEROMETER
PIO	PUBLIC INFORMATION OFFICE
PIP	PREDICTED IMPACT POINT
PIP	PULSED INTEGRATING PENDULUM
PIPA	PULSE INTEGRATING PENDULOUS ACCELEROMETER
PIRD	PRELIMINARY INSTRUCTION REQUIREMENT DOCUMENT
PIRD	PROJECT INSTRUMENTATION REQUIREMENT DOCUMENT
PIRT	PRECISION INFRARED TRIANGULATION SYSTEM
PITR	POST INSTALLATION TEST REQUIREMENT
PKG	PHONOCARDIOGRAM
PL	POST LANDING
PL	PRE-LAUNCH
PLIM	POST LAUNCH AND INSTRUMENTATION MESSAGE
PLO	PACIFIC LAUNCH OPERATIONS
PLPS	PROPELLANT LOADING AND PRESSURIZATION SYSTEM
PLSC	POST LANDING SEQUENCE CONTROLLER
PLSS	PERSONAL LIFE SUPPORT SYSTEM
PLSS	PORTABLE LIFE SUPPORT SUBSYSTEM
PLSS	POST LANDING SURVIVAL SYSTEM
PM	PHASE MODULATION
PM	POST MERIDIAN
PM	PRODUCTION MODEL
PM	PROTOTYPE MODEL
PM	PULSE MODULATION
PMEL	PRECISION MEASUREMENT EQUIPMENT LABORATORY
PMM	PULSE MODE MULTIPLEX
PMP	PREMODULATION PROCESSOR
PMP	PROGRAM MANAGEMENT PLAN
PMR	PACIFIC MISSILE RANGE (VANDENBERG AF BASE)
PMRF	PACIFIC MISSILE RANGE FACILITY

PMS	PHYSIOLOGICAL MONITORING SYSTEMS
PMS	POWER MEASUREMENT SET
PND	PREMODULATION PROCESSOR NEAR EARTH DATA
PNGS	PRIMARY NAVIGATION AND GUIDANCE SUBSYSTEM (PGNS)
PO	PARKING ORBIT
PO	PURCHASE ORDER
POD	PRELAUNCH OPERATIONS DIVISION (NASA)
POD	PREFLIGHT OPERATIONS DIVISION
POMS	PRECISION OPTICAL MEASURING SYSTEM
PORT	PHOTO-OPTICAL RECORDING TRACKER
PPI	PLAN POSITION INDICATOR
PPM	PARTS PER MILLION
PPM	POST-PASS MESSAGE ANALYSIS
PPM	PULSE PER MINUTE
PPM	PULSE POSITION MODULATION
PPP	PEAK PULSE POWER
PPO	PACE PROJECT OFFICE
PPS	PRIMARY PROPULSION SYSTEM
PPS	PULSES PER SECOND
PPSL	PROVEN PARTS AND SOURCE LIST
PQGS	PROPELLANT QUANTITY GAUGING SYSTEM
PR	PRESSURE RELIEF
PR	PROCUREMENT REQUESTS
PR	SAN JUAN PUERTO RICO (ETR STATION
PR	PULSE RATE
PRA	PENDULUM REFERENCE AXIS
PRA	PRECESSION REFERENCE AXIS
PRA	PROGRAM READER ASSEMBLY
PRD	PASSIVE RANGING DOPPLER
PRD	PRE-RETRO UPDATE DISPLAY
PRD	PROGRAM REQUIREMENTS DOCUMENT
PRD	PULSE RATE DIVIDER
PRE	PRETORIA, SOUTH AFRICA (STATION 13, ETB)
PRELORT	PRECISION LONG RANGE TRACKING RADAR
PRF	PULSE REPETITION FREQUENCY
PRH	PROGRAM REQUIREMENTS HANDBOOK
PRISM	PROGRAMED INTEGRATED SYSTEM MAINTENANCE
PRN	PSEUDO-RANDOM NOISE
PRR	PULSE-REPETITION RATE
P/S	PARALLEL TO SERIAL
PS	POWER SUPPLY
PS	PRESSURE SWITCH
PS	PROCESS SPECIFICATION
P/S	PROPULSION SUBSYSTEM
PSA	POWER AND SERVO ASSEMBLY
PSA	POWER AND SEQUENCING ASSEMBLY
PSAC	PRESIDENTS SCIENTIFIC ADVISORY COMMITTEE
PSDF	PROPULSION SYSTEMS DEVELOPMENT FACILITY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
PSIG	POUNDS PER SQUARE INCH GAUGE
PSK	PHASE SHIFT KEYING
PSK	PULSE SHIFT KEYING
PSL	PRESENT SENSE LINES (INSTRUCTION)
PSR	PROGRAM SUPPORT REQUIREMENTS

PSS	PAD SAFETY SUPERVISOR
PT	PRESSURE TEST
PT	PRESSURE TRANSDUCER
PTCR	PAID TERMINAL. CONNECTION ROOM
PTCS	PROPELLANT TANKING CONTROL SYSTEM
PTG	PULSE TORQUE GENERATOR
PTM	PROOF TEST MODEL
PTP	PULSED INTEGRATING PENDULUM
PTPS	PROPELLANT TRANSFER PRESSURIZATION SYSTEM
PTT	PUSH TO TALK
PTU	PRODUCTION TEST UNIT
PTV	PARACHUTE TEST VEHICLE
PTV	PITCH THRUST VECTOR
PTVA	PROPULSION TEST VEHICLE ASSEMBLY
PU	PROPELLANT UTILIZATION
PU	PROPULSION UNIT
PUCS	PROPELLANT UTILIZATION CONTROL SYSTEM
PUG	PROPELLANT UTILIZATION AND GAUGING SYSTEM
PV	PURGE VALVE
PVAC	PEAK VOLTS ALTERNATING CURRENT
PVR	PRECISION VOLTAGE REFERENCE
PVSE	PRIMARY VEHICLE SYSTEM ENGINEER
PWA	PRATT AND WHITNEY AIRCRAFT
PWM	PULSE WIDTH MODULATION
QA	QUALITY ASSURANCE
QAIS	QUALITY ASSURANCE INSTRUCTION SHEET
QAM	QUALITY ASSURANCE MANUAL
QAT	QUALITY ASSURANCE TEST
QC	QUALITY CONTROL
QCOP	QUALITY CONTROL OPERATION PROCEDURE
QD	QUICK DISCONNECT
QLR	QUICK LOOK REPORT
QM	QUALIFIED MODEL
QRD	QUICK RELEASE DISCONNECT
QT	QUALIFICATION TEST
QT	QUALITY TEST
QTM	QUALIFICATION TEST MODEL
QTP	QUALIFICATION TEST PROGRAM
QTV	QUALIFICATION TEST VEHICLE
R	ROENTGEN
R	ROLL
R/A	RADAR ALTIMETER
RA	RADIATION ANALYSIS
RAC	RECEIVER AUDIO CENTER
RACEP	RANDOM ACCESS + CORRELATION FOR EXTENDED PERFORMANCE (MARTIN)
RAD	RADIATION ABSORBED DOSAGE
RAD	RADIAL
RAD	RADIATION ABSORBED DOSE
RADA	RANDOM ACCESS DISCRETE ADDRESS (RCA)
RADAR	RADIO DETECTION AND RANGING
RADC	ROME AIR DEVELOPMENT CENTER (ROME, NEW YORK)
RADDAC	RADAR ACQUISITION DATA DISTRIBUTION AND CONTROL
RADEM	RANDOM ACCESS DELTA MODULATION (MOTOROLA)
RADOT	REAL-TIME AUTOMATIC DIGITAL OPTICAL TRACKER
RADVS	RADAR ALTIMETER AND DOPPLER VELOCITY SENSOR
RAE	RANGE, AZIMUTH AND ELEVATION
RAFDO	RE-ENTRY ASSISTANT FLIGHT DYNAMICS OFFICER

RAMPART	RADAR ADVANCED MEASUREMENTS PROGRAM FOR ANALYSIS OF RE-ENTRY TECHNIQUES
RANDAM	RANDOM-ACCESS, NON-DESTRUCTIVE, ADVANCED MEMORY
RAPCON	RADAR APPROACH CONTROL CENTER (USAF)
RASPO	RESIDENT APOLLO SPACECRAFT PROGRAM OFFICE
RATS/E/	RANGE AND/OR ANGLE TRACKING SENSOR EQUIPMENT
RAYSPAN	RAYTHEON SPECTRUM ANALYZER
R-B	RADAR BEACON
RBA	RADAR BEACON ANTENNA
RBE	RADIATION BIOLOGICAL EFFECTIVENESS
R-C	RADIO COMMAND
RC	RATE COMMAND
RC	REACTION CONTROL
RC	RELIABILITY CONTROL
RC	RETROFIRE CONTROLLER
RC	REVERSE CURRENT
RCC	RANGE CONTROL CENTER
RCC	RECOVERY CONTROL CENTER
RCNM	REACTION CONTROL NUMBERING MATRIX
RCP	RECOVERY COMMAND POST (REMOTE)
RCS	REACTION CONTROL SUBSYSTEM
RCS	READINESS CONTROL STATION
RCS	REENTRY CONTROL SYSTEM
RCSC	REACTION CONTROL SUBSYSTEM CONTROLLER
RCVR	RECEIVER
RD	RECEIVED DATA
RD	RESEARCH AND DEVELOPMENT
RDB	RADAR DATA BUFFER
RDMU	RANGE-DRIFT MEASURING UNIT
RDMU	RETICLE DISPLAY MEASUREMENT UNIT
RDS	RECEIVER-DECODER SELECTOR
RDT	RADAR DATA TRANSMITTER
REC	RECIFE, BRAZIL
RECP	REQUEST FOR ENGINEERING CHANGE PROPOSAL
REM	ROENTGEN EQUIVALENT MAN
REP	RELIABILITY ENGINEERING PROCEDURE
REP	RENDEZVOUS EVALUATION PAD
RF	RADIO FREQUENCY (X-BAND 8.2-12.4 KMC)
RF	RECOVERY FORCES
RFA	REQUEST FOR ALTERATION
RFBA	REQUEST FOR BUDGET ADJUSTMENT
RFC	REQUEST FOR CHANGE
RFI	RADIO FREQUENCY INTERFERENCE
RFP	REQUEST FOR PROCUREMENT
RFP	REQUEST FOR PROPOSAL
RFQ	REQUEST FOR QUOTE
RFR	REQUEST FOR REVIEW
RFWAR	REQUIREMENTS FOR WORK AND RESOURCES
RG	RATE GYROSCOPE
RGA	RATE GYRO ASSEMBLY
RGAVS	RANGE-GEMINI TO AGENA VISUAL (LINE OF SIGHT)
RGAVS	VISUAL LINE OF SIGHT RANGE
RGP	RATE GRYO PACKAGE
RGS	RADIO GUIDANCE SYSTEM
RH	RIGHT HAND
RHCP	RIGHT-HANDED CIRCULAR POLARIZATION
RHI	RANGE-HEIGHT INDICATOR
RICS	REMOTE INSTRUMENTATION CONTROL SYSTEM

RID	REVIEW ITEM DISPOSITION
RIME	RADIO-INERTIAL MEASURING EQUIPMENT
RIME	RADIO INERTIAL MONITORING EQUIPMENT
RIOS	RECEIVING INSPECTION OPERATION SHEET
RIPCO	RECEIVING INSPECTION AND PREPARATION FOR CHECKOUT
RIPS	RADAR IMPACT PREDICTION SYSTEM
RJDS	REACTION JET DRIVERS - (NAA)
RKV	ROSE KNOT VICTOR (SHIP)
RM	RENDEZVOUS MANEUVER
RMD	REACTION MOTORS DIVISION (DOVER, NEW JERSEY)
RMS	ROOT MEAN SQUARE
RO	RECOVERY OPERATIONS
RO	REFERENCE OSCILLATOR
ROM	ROUGH ORDER OF MAGNITUDE
ROTI	RECORDING OPTICAL TRACKING INSTRUMENT
ROTR	RECEIVE ONLY TYPING REFERFORATOR
RPM	REVOLUTIONS PER MINUTE
R +QA	RELIABILITY AND QUALITY ASSURANCE
R AND R	RENDEZVOUS AND RECOVERY
RR	RENDEZVOUS RADAR
RR	RESPIRATION RATE
RR	RETROCKET
R + R DOT	RANGE AND RANGE RATE
RRR	REVISION REVIEW RECORD
RRS	RESTRAINT RELEASE SYSTEM
RR/T	RENDEZVOUS RADAR/TRANSPONDER
RS	REMOTE STATION
RSC	RANGE SAFETY CONTROL
RSC	RATE SYSTEMS CONSOLE
RSCIE	REMOTE: STATION COMMUNICATION INTERFACE EQUIPMENT
RSCS	RATE STABILIZATION AND CONTROL SUBSYSTEM
RSDP	REMOTE SITE DATA PROCESSOR
RSDS	RANGE SAFETY DESTRUCT SYSTEM
RS/E	RANGE SENSOR/ EQUIPMENT
RSJ	RADIO STATION JAPAN (LIKE WWV)
RSO	RANGE SAFETY OFFICER
RSOB	RANGE SAFETY OBSERVER
RSS	REACTANTS SUPPLY SYSTEM
RSS	ROOT SUM SQUARE
RSTC	RADAR SYSTEM TEST CONSOLE
RST/S	RANGE SIMULATION TEST/SET
RSU	RANGE SIMULATION UNIT
R/T	REAL TIME
R-T	RECEIVER TRANSMITTER
RT	RELIABILITY TEST
R-T	REPERFORATOR TRANSMITTER UNIT
RT	RETRO TABLE
RTC	REAL TIME COMMAND
RTC	REAL TIME COMPUTER
RTCC	REAL TIME COMPUTING COMPLEX
RTDS	REAL TIME DATA SYSTEM (WSMR)
RTG	RADIOISOTOPE THERMOELECTRIC GENERATOR
RTK	RANGE TRACKER (SHIP)
RTM	REAL TIME MESSAGE
RTS	REAL TIME SCAN UNIT
RTSS	REAL TIME SIMULATION SYSTEM
RTTV	REAL TIME TELEVISION



RTU	RECOVERY TASK UNIT
RTV	RE-ENTRY TEST VEHICLE
RV	REENTRY VEHICLE
RVR	RENDEZVOUS RADAR
RX	RECEIVER
R + Z	RANGE AND ZERO
RZ	RETURN TO ZERO
S-I	SATURN I
S-IC	FIRST BOOSTER STAGE (SATURN V)
S-II	SATURN II
S-II	SECOND BOOSTER STAGE (SATURN V)
S-IV-B	THIRD BOOSTER STAGE (SATURN V)
S-IVB	SATURN IVB
S-V	SATURN V
SA	SATURN APOLLO
SA	SHAFT ANGLE (MIT)
SAC	STRATEGIC AIR COMMAND
SACL	SYSTEM AND COMPONENT LOG
SACTO	SACRAMENTO CALIFORNIA, TEST OPERATIONS
SAE	SHAFT ANGLE ENCODER
SAF	SPACECRAFT ASSEMBLY FACILITY
SAGE	SEMI-AUTOMATIC GROUND ENVIRONMENT (ADC/ESD)
SAND	SITE ACTIVATION NEED DATE
SAN SAL	SAN SALVADOR ISLAND (STATION 5, ETB)
SAR	SEARCH AND RESCUE
SARAH	SEARCH, RANGE AND HOMING BEACON
SAT	SYSTEM ASSEMBLY AND TEST
SATCOM	ARMY SATELLITE COMMUNICATIONS AGENCY
SATIF	SCIENTIFIC AND TECHNICAL INFORMATION FACILITY
SAVS	STATUS AND VERIFICATION SYSTEM
SBUE	SWITCH BACK UP ENTRY (NAA)
SC	SPACECRAFT
S AND C	STABILIZATION AND CONTROL
SCA	SCHEDULE CHANGE AUTHORIZATION
SCA	SIGNAL CONDITIONING ASSEMBLY
SCA	SIMULATION CONTROL AREA
S/CA	SPACECRAFT ADAPTER
SCAMA	SWITCHING CONFERENCING AND MONITORING ARRANGEMENT
SCARF	SPECIAL COMMITTEE ON THE ADEQUACY OF RANGE FACILITIES
SCAT	SPACE COMMUNICATIONS AND TRACKING
SCATS	SIMULATION CHECKOUT AND TRAINING SYSTEM
SCD	SCHEDULED COMPLETION DATE
SCD	SPECIFICATION CONTROL DRAWING
SCD	SUBSYSTEM COMMAND DECODER
SCE	SIGNAL CONDITIONING EQUIPMENT
SCEA	SIGNAL CONDITIONER ELECTRONICS ASSEMBLY
SCEA	SIGNAL CONDITIONER EQUIPMENT ASSEMBLY
SCF	SEQUENCE COMPATIBILITY FIRING
SCF	SPACECRAFT CHECK-OUT FACILITY
SCIP	SELF-CONTAINED INSTRUMENTATION PACKAGE
SCN	SPECIFICATION CHANGE NOTICE
SCO	SPACECRAFT OPERATIONS
SCO	SUBCARRIER OSCILLATOR
SCORE	SATELLITE COMPUTER-OPERATED READINESS EQUIPMENT (SSD)
SCPA	SCS CONTROL PANEL - (NAA)
SCR	SILICON-CONTROLLED RECTIFIER
SCR	STRIP CHART RECORDER

SCR	SIGNAL CONDITIONER ENAA)
SCS	SEQUENCE CONTROL SYSTEM
SCS	SPACECRAFT CONTROL SYSTEM
SCS	STABILIZATION AND CONTROL SUBSYSTEM
SCSCP	SEQUENCE CONTROL SYSTEM CONTROL PANEL
SCT	SCAN TELESCOPE
SCT	SERIAL CLOCK TRANSMITTER
SCT	SPACECRAFT CREW TRAINER
S/CTC	SPACECRAFT TEST CONDUCTOR
S/CTC	SPACECRAFT TEST CREW
SCTE	SPACECRAFT CENTRAL TIMING EQUIPMENT
SD	SEND DATA
SD	SUBSYSTEM COMMAND DECODER
SDA	SEXTANT DRIVE AXIS
SDA	SHAFT DRIVE AXIS
SDARS	STRAPPED-DOWN ALL-ATTITUDE REFERENCE SYSTEM
SDBGS	STRAPPED-DOWN BACK-UP GUIDANCE SYSTEM
SDC	SPACE DIGITAL COMPUTER
SDC	SYSTEM DEVELOPMENT CORP
SDCS	SIMULATION, CHECKOUT AND TRAINING-DCS (SCATS)
SDD	SUBCHANNEL DATA DISTRIBUTORS
SDF	SINGLE DEGREE OF FREEDOM
SDI	SELECTIVE DISSEMINATION OF INFORMATION (MSC LIBRARY)
SDP	SUBSYSTEM DEVELOPMENT PLAN
SDS	SIMULATION DATA SUBSYSTEM
SDS	SIMULATION DESIGN SECTION
SDS	SPLASH DETECTION SYSTEM
S-E	SEQUENCE OF EVENTS
SE	SYSTEM ENGINEER
SECO	SUSTAINER ENGINE CUT-OFF
SECOR/DME	SEQUENTIAL COLLATION OF RANGE
SECS	SEQUENCE EVENTS CONTROL SYSTEM (NAA)
SECS SDP	SEQUENTIAL EVENTS CONTROL SUBSYSTEM DEVELOPMENT PLAN (NAA)
SEDD	SYSTEMS EVALUATION AND DEVELOPMENT DIVISION NASA
SEDR	SYSTEMS ENGINEERING DEPARTMENT REPORT (MAC)
SEP	SPACE ELECTRONIC PACKAGE
SESL	SPACE ENVIRONMENTAL SIMULATION LAB (NASA)
SE/TD	SYSTEMS ENGINEERING AND TECHNICAL DIRECTION
SETS	SOLAR ENERGY THERMIONIC CONVERSION SYSTEM
SFA	SUN FINDER ASSEMBLY
SFC	SPECIFIC FULL CONSUMPTION
SFOF	SPACE FLIGHT OPERATIONS FACILITY (JPL)
SFOP	SPACE FLIGHT OPERATIONS PLAN
SG	SIGNAL GENERATOR
SG	STIMULUS GENERATOR
SGC	SPACE GENERAL CORPORATION
SGLS	SPACE-TO-GROUND LINK SUBSYSTEM
SHA	SIDEREAL HOUR ANGLE
SHF	SUPER-HIGH FREQUENCY (3,000 TO 30,000 MC)
SHORAN	SHORT RANGE NAVIGATION
S-I	SPHERE OF INFLUENCE
S-I	SATURN I
SI	SYSTEM INTEGRATION
SIA	SYSTEMS INTEGRATION AREA
SIC	SIMULATED INPUT CONTROL
S + ID	SPACE AND INFORMATION SYSTEMS DIVISION (NAA)

SIDL	SYSTEM IDENTIFICATION DATA LIST
SILS	SHIPBOARD IMPACT LOCATION SYSTEM
SIMCHE	SIMULATION AND CHECKOUT EQUIPMENT
SINS	STELLAR INERTIAL NAVIGATION SYSTEM
SIS	SCIENTIFIC INSTRUMENTATION SYSTEM
SIS	SIMULATION INTERFACE SUBSYSTEM
SL	SWITCH LIGHT
SLA	SERVICE MODULE LEM ADAPTER
SLU	ST. LUCIA (STATION 10, ETB)
SLV	SPACE LAUNCH VEHICLE
SM	SERVICE MODULE
SM	STABLE MEMBER
SMCC	SIMULATION MONITOR AND CONTROL CONSOLE
SMCU	SIMULATED MONITOR AND CONTROL UNIT
SMD	SYSTEMS MEASURING DEVICE
SMDF	SCATS MAIN DISTRIBUTION FRAME
SMI	SERVICE MODULE INSERT
SML	SUPPORT MATERIAL LIST
SMOC	SIMULATION MISSION OPERATION COMPUTER
SMP	SUMMARY MANEUVER PLAN
SMR	SMALL MISSILE RANGE
SMRU	SPIN MOTOR ROTATION DETECTOR
SMS	STANDARD MODULAR SYSTEM
SMSA	SIGNAL MISSILE SUPPORT AGENCY (ARMY)
SMSC	SERVICE MODULE SEQUENCE CONTROLLER
SMT	SMALL MISSILE TELECAMERA
S/N	SERIAL NUMBER, SIGNAL TO NOISE RATIO
SNR	SIGNED TO NOISE RATIO
SOC	SIMULATION OPERATION COMPUTER
SO FAR	SOUND FIXING AND RANGING
SOM	START OF MESSAGE
SORTI	STAR ORIENTED REAL-TIME TRACKING INSTRUMENT
SORTIS	STAR ORIENTED REAL-TIME INSTRUMENTATION SYSTEM
SOS	SHARE OPERATING SYSTEM
SOS	SPACE ORDINANCE SYSTEMS
SOTIM	SONIC OBSERVATION OF TRAJECTORY AND IMPACT OF MISSILES
SOV	SHUT-OFF VALVE
SOW	START OF WORD
S/P	SERIAL TO PARALLEL
SPA	S-BAND POWER AMPLIFIER (NAA)
SPA	SERVO POWER ASSEMBLY
SPACE	SPACECRAFT PRELAUNCH AUTOMATIC CHECKOUT EQUIPMENT (NOW ACE)
SPACON	SPACE COMMUNICATIONS NETWORK
SPADATS	SPACE DETECTION AND TRACKING SYSTEM
SPAF	SIMULATION PROCESSOR AND FORMATTER
SPANDAR	SPACE RANGE RADAR (RAYTHEON)
SPASUR	SPACE SURVEILLANCE SYSTEM (USN, RELATED TO SPADATS)
SPC	STORED PROGRAM COMMAND
SPD	STORED PROGRAM DECOMMUTATOR
SPE	SERVICE PROPULSION ENGINE
SPG	SINGLE POINT-GROUND
SPMX	SPEED-O-MAX PEN RECORDER
SPO	SYSTEMS PROJECT OFFICE
SPR	SOLID PROPELLANT ROCKET
SPS	SECONDARY PROPULSION SYSTEM
SPS	SERVICE PROPULSION SYSTEM

SPU	SERVICE PROPULSION UNIT
SQW	SQUARE WAVE
SRA	SPIN REFERENCE AXIS
SRC	SAMPLE RETURN CONTAINER
SRCS	STABILIZATION AND REACTION CONTROL SUBSYSTEMS
SRO	SUPERVISOR RANGE OPERATIONS
SRP	SEAT REFERENCE POINT (PLANE)
SRS	SIMULATED REMOTE SITE
SRSCC	SIMULATED REMOTE SITE CONTROL CONSOLE
SRSS	SIMULATED REMOTE SITE SUBSYSTEM
SRTR	SYNTHETIC RADAR TARGET RANGE
S/S	SAMPLES PER SECOND
S/S	SUB/SYSTEM
SS	STATION SELECTOR
SSA	SPACE SUIT ASSEMBLY
SSA	SEXTANT SHAFT ANGLE
SSA	SPACE SUIT ASSEMBLY
SSB	SINGLE SIDE BAND
SSC	SPACE SUIT COMMUNICATIONS
SSD	SPACE SYSTEMS DIVISION, USAF
SSDF	SPACE SCIENCE DEVELOPMENT FACILITY (NAA)
SSE	SPACECRAFT SIMULATION EQUIPMENT
SSECO	SECOND STAGE ENGINE CUTOFF
SSI	SAN SALVADOR ISLAND (STA 5, ETR)
SSI	SECOND STAGE IGNITION
SSL	STORE SENSE LINES (INSTRUCTION)
SSO	SPACECRAFT SYSTEMS OFFICER
SSR	STAFF SUPPORT ROOM
SST	SIMULATED STRUCTURAL TEST
SST	SPACECRAFT SYSTEMS TEST
SSTU	SECOND STAGE TAIL OFF
STA	SEXTANT TRUNNION ANGLE
STADAN	SPACE TRACKING AND DATA ACQUISITION NETWORK
STAR	SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS
STB	SYSTEMS TEST BRANCH
STC	SPACECRAFT TEST CONDUCTOR
STC	SYSTEM TEST COMPLEX
STD	SPACECRAFT TECHNOLOGY DIVISION
STDA	SEXTANT TRUNNION DRIVE AXIS
STE	SPECIAL TEST EQUIPMENT
STE	SPACECRAFT TEST ENGINEER
STEA	SYSTEM TEST EQUIPMENT ASSEMBLY
STG	SPACE TASK GROUP
STL	SPACE TECHNOLOGY LABORATORIES INC
STM	SERVICE TEST MODEL
STU	SPECIAL TEST UNIT
STU	STATIC TEST UNIT
STU	SPECIAL TEST UNITS (GSE)
S-V	SATURN V
SV	SPACE VEHICLE
SVSE	SUPPORT VEHICLE SYSTEMS ENGINEER
SVT	SYSTEM VERIFICATION TESTS (NAA)
S-W	STATEMENT OF WORK
SWIP	SUPER WEIGHT IMPROVEMENT PROGRAM
SWR	STANDING WAVE RATIO
T	TIME (UNITS SPECIFIED)

TA	TEST ARTICLE
TA	TIMER ASSEMBLY
TA	TRAJECTORY ANALYSIS
TA	TRANSLATION ACCELERATION
TA	TRAVEL AUTHORIZATION
TA	TRUNNION-ANGLE (SEXTANT)
TAC	TRANSMITTER - AUDIO CENTER
TAC-NAV	TACTICAL-NAVIGATION DISPLAY
TAIR	TEST AND INSPECTION RECORD
TAR	TEST AGENCY REPORT
TARE	TELEMETRY AUTOMATIC REDUCTION EQUIPMENT
TC	TEST CONDUCTOR
TC	TIME TO COMPUTE (IBM)
TC	THERMOCOUPLE
TC	THRUST CHAMBER
TC	TRANSFER CONTROL
T/C	TRANSMITTING AND COMMAND
T/C	TEST CONTROLLER
TCA	THRUST CHAMBER ASSEMBLY
TCA	THRUST CONTROLLER ASSEMBLY
TCA	TRANSLATION CONTROLLER ASSEMBLY
TCD	TEST COMPLETION DATE
TCFV	THRUST CHAMBER FUEL VALVE
TCM	TEMPERATURE CONTROL MODEL
TCM	TRACKING CAMERA MOUNT
TCOV	THRUST CHAMBER OXIDIZER VALVE
TCS	TEMPERATURE CONTROL SYSTEM
TCSC	TRAINER CONTROL AND SIMULATION COMPUTER
TCSTS	TIME CRITICAL STATUS TRANSMISSION SUB-SYSTEM
TCTO	TIME COMPLIANCE TECHNICAL ORDER
TCTR	TIME COMPLIANCE TECHNICAL REQUIREMENTS
TD	TECHNICAL DIRECTIVE
TD	TIME DELAY
T AND D	TRACKING AND DATA
TDA	TARGET DOCKING ADAPTER
TDA	TRUNNION DRIVE AXIS (SEXTANT)
TDA	TARGET COCKING ADAPTER
TDD	TIMING DATA DISTRIBUTION
TDDL	TIME DIVISION ON DATA LINK
TDIO	TIMING AND DATA INPUT-OUTPUT
TDM	TELEMETRIC DATA MONITOR
TDM	TIME DIVISION MULTIPLEX
TDP	TRACKING DATA PROCESSOR
TDR	TEST DISCREPANCY REPORT (NAA)
TDS	TRAJECTORY DATA SYSTEM
TDWD	TRANSONIC DYNAMIC WIND TUNNEL (LRC)
TDY	TEMPORARY DUTY
T/E	TELEMETRY EVENT
TE	TIMING ELECTRONICS
TEC	TRANS-EARTH COAST
TEI	TRANS-EARTH INJECTION
TELEDAC	TELEMETRY PULSE DATA DECOMMUTATOR
TEM	TERMINAL ENERGY MANAGEMENT DISPLAY
TEO	TRANS-EARTH ORBIT
TET	TRANS-EARTH TRAJECTORY
TF	TEST FACILITY

TFR	TROUBLE AND FAILURE REPORT
TG	TERMINAL GUIDANCE
TG	TORQUE GENERATOR
TGS	TELEMETRY GROUND STATION
TI	TIMING INTERNAL, TEXAS INSTRUMENTS, INC
TIDC	TECHNICAL INFORMATION DATA CENTER
TIM	TRACKING INSTRUMENT MOUNT
TIROS	TELEVISION INFRARED OBSERVATION SATELLITE
TJM	TOWER JETTISON MOTOR
TLC	TRANSLUNAR COAST
TLF	TERMINAL LANDING FACILITY
TLI	TRANSLUNAR INJECTION
TLO	TRANSLUNAR ORBIT
TLT	TRANS-LUNAR TRAJECTORY
TLV	TEST LAUNCH VEHICLE
TM	TECHNICAL MANUAL, TELEMETRY
TM	TEST MODEL
TMC	THE MARQUARDT COMPANY, VAN NUYS, CALIFORNIA
TMG	THERMAL METEOROID GARMENT
TMS	TELEMETRY MULTIPLEX SYSTEM
TN	TECHNICAL NOTE
TO	TECHNICAL ORDER
T AND O	TEST AND OPERATION
T-O	TIME OF LAUNCH
TOI	TRANSFER ORBIT INSERTION
TORF	TIME OF RETROFIRE END OF MISSION
TP	TEST POINT
TP	TEST PROCEDURE
TPA	TEST PREPARATION AREA
TPE	TEST PROJECT ENGINEER (NAA)
TPR	TELESCOPIC PHOTOGRAPHIC RECORDER
TPS	TEST PREPARATION SHEET
TPS	THERMAL PROTECTION SUBSYSTEM
TR	TAPE RECORDER
TR	TEST REQUEST
TR	TIME TO RETRO-FIRE
T/R	TRANSMITTER/RECEIVER
T/R	TRAVEL REQUEST
TRAC	TOTAL RECORDS ACCESS CONTROL (NAA)
TRAC (E)	TRACKING AND COMMUNICATION (EXTRATERRESTRIAL)
TRI	TRINIDAD (STATION 40, ETR)
TRIDOP	TRIANGULATION DOPPLER
TRS	TIME REFERENCE SYSTEM (SPACECRAFT)
TRS	TIME REFERENCE SYSTEM
TRUMP	TARGET RADIATION MEASUREMENT PROGRAM
TSB	TECHNICAL SUPPORT BUILDING
TSE	TEST SUPPORT EQUIPMENT
TSS	TRANSMIT SUBSYSTEM
TSSS	TEST SITE STORAGE SITES
TSU	TIME STANDARD UNIT
TTC	TELEMETRY-TRACKING AND COMMAND
TTCA	THRUST/ TRANSLATION CONTROLLER ASSEMBLY
TTG	TIME TO GO
TTM	THERMAL TEST MODEL
TTR	TARGET TRACKING RADAR
TTY	TELETYPE
TTY-FD	FULL DUPLEX TELETYPE

T/V	THERMAL VACUUM
TVA	THRUST VECTOR ALIGNMENT
TVC	THRUST VECTOR CONTROL
TVSM	TELEVISION SYSTEMS MONITOR
T/W	THRUST TO WEIGHT RATIO
TWT	TRAVELING WAVE TUBE
TWX	TELETYPE (TELEGRAM)
TX	TRANSMITTER
TX	TIME TO RESET
TXR	TRANSMIT - RECEIVE
UA	URINALYSIS
UAC	UNITED AIRCRAFT CORP
UAMP	MICROAMPERES
UCR	UNSATISFACTORY CONDITION REPORT
USCD	UNIVERSAL COMMUNICATIONS SWITCHING DEVICE
UDL	UP DATA LINK
UDMH	UNSYMMETRICAL DIMETHYL HYDRAZINE
UDOP	ULTRA-HIGH FREQUENCY DOPPLER
UDRL	UP-DOWN, RIGHT-LEFT
UFS	UNIFIED FREQUENCY SYSTEM
UHF	ULTRA-HIGH FREQUENCY (300-3000 MC)
UI/IN	MICROINCHES PER INCH
UK	UNKNOWN
UK	UNITED KINGDOM
UNPS	UNIVERSAL POWER SUPPLY - NAA
UR	UNSATISFACTORY REPORT
UR	UP RANGE (ETR)
Mus	MICROSECONDS
USAF	US AIR FORCE
USAS	UNITED STATES ARMY SHIP
USASSA	US ARMY SIGNAL SUPPLY AGENCY
USB	UPPER SIDE BAND
USBE	UNIFIED S-BAND EQUIPMENT (NAA)
USWB	UNITED STATES WEATHER-BUREAU
UW	MICROWATTS
V-A	VERLORT-AZIMUTH
VAB	VERTICAL ASSEMBLY BUILDING
VAC	VOLTS ALTERNATING CURRENT
VC	VOICE COORDINATION
VC	VOICE FREQUENCY CHANNEL
VCC	VOICE CONTROL CENTER
VCI	VELOCITY CHANGE INDICATOR
VCO	VOLTAGE CONTROLLED OSCILLATOR
VCO	VOICE CONTROLLED OSCILLATOR,
VCXO	VOLTAGE CONTROLLED CRYSTAL OSCILLATOR
VDC	VOLTS DIRECT CURRENT
V/DELTA	VELOCITY INCREMENT
V-E	VERLORT-ELEVATION
VE	ESCAPE VELOCITY
VECO	VERNIER ENGINE CUT-OFF
VEFCO	VERTICAL FUNCTIONAL CHECKOUT
VERLORT	VERY LONG RANGE TRACKING RADAR
VERNITRAC	VERNIER TRACKING BY AUTO CORRELATION
VF	VOICE FREQUENCY
VFO	VARIABLE FREQUENCY OSCILLATOR
VHF	VERY HIGH FREQUENCY (30 - 300 MC)
VHFRA	VHF RECOVERY ANTENNA

VHFRAB	VHF RECOVERY ANTENNA BACKUP
VHFRB	VERY HIGH FREQUENCY RECOVERY BEACON
VI	INSERTION VELOCITY
VIS	VISUAL INSTRUMENTATION SUBSYSTEM (JPL)
VLF	VERTICAL LAUNCH FACILITY
VLF	VERY LOW FREQUENCY (3 TO 30 KC)
VMS	VELOCITY METER SUBSYSTEM
VOCAMP	VOICE CONTROL AND MONITOR POSITION
VOM	VOLT-OHM-MILLIAMETER
V-OT AND R	VELORT-ON TRACK AND RANGE
VOX	VOICE OPERATED SWITCH, RELAY
VR	VENDOR REQUIREMENTS
V-R	VERLORT-RANGE
VR	VOLTAGE REGULATOR
VRB	VHF RECOVERY BEACON - NAA
VSE	VEHICLE SYSTEMS ENGINEER
VSM	VELOCITY MEASURING SYSTEM
VSMC	VIDEO SWITCHING MATRIX CONTROL
VSO	VEHICLE SYSTEM OFFICER
VSO	VERY STABLE OSCILLATOR
VSSA	VEHICLE SYSTEMS STATUS ADVISOR
V-S-V	VEHICLE-SURFACE-VEHICLE
VSWR	VOLTAGE STANDING WAVE RATIO
VT	VIBRATION TEST
VTF	VERTICAL TEST FACILITY
VTM	VERTICAL TEST STAND
VTVM	VACUUM TUBE VOLTMETER
VY	YAW VELOCITY
WADC	WRIGHT AIR DEVELOPMENT CENTER
WAT	WATERTOWN (SHIP)
WB	WEATHER BUREAU
WB	WIDE BAND
WBD	WIDE BAND DATA
WBDL	WIDE BAND DATA LINK
WDL	WESTERN DEVELOPMENT LABORATORIES (PHILCO)
WECO	WESTERN ELECTRIC COMPANY
WIND	WEATHER INDICATOR AND DISPLAY SYSTEM
WMS	WATER MANAGEMENT SECTION
WMS	WASTE MANAGEMENT SYSTEM
WOM	WOOMERA, S. AUSTRALIA A
WOO	WESTERN OPERATIONS OFFICE
WPAFB	WRIGHT PATTERSON AIR FORCE BASE
WPM	WORDS PER MINUTE
WPS	WORDS PER SECOND
WRF	WORK REQUEST FORM
WS	WALLOPS ISLAND STATION
WSMR	WHITE SANDS MISSILE RANGE (NEW MEXICO)
WSO	WHITE SANDS OPERATION (NASA)
WSTF	WHITE SANDS TEST FACILITY
XCVR	TRANSCEIVER
XDUCER	TRANSDUCER
XMTR	TRANSMITTER
XPONDER	TRANSPONDER
XTAL	CRYSTAL
XTNL CR	EXTERNAL COUNTER
XY	TELEPHONE EXCHANGE (CAPE KENNEDY)
YTV	YAW THRUST VECTOR



Z	VERTICAL, Z STATION (SPACECRAFT STATION)
ZAR	NIKE ZEUS ACQUISITION RADAR
ZI	ZONE OF INTERIOR
ZULU	GREENWICH MEAN TIME (CODE WORD FOR 'ZERO' MERIDAN)
ZZB	ZANZIBAR, E. AFRICA
MCC ACRONYMS January 24, 1972	
The following is an MCC oriented acronym list prepared by the MCC Support Office. Additional copies may be obtained (while they last) from the MCC Support Office.	
A/G	Air-To-Ground
ACIM	Auxiliary Computer Input Multiplexer
ACP	Astronaut Control Panel (ASCATS)
AGS	Abort Guidance System
AGSN	Apollo Ground Support Network
ALCIM	ALSEP Computer Input Multiplexer
ALCS	ALSEP Computer Subsystem
ALOE	Apollo Lunar Orbital Experiments
ALSA	ATM Life Support Assembly
AMORS	Automated Meteorological, Oceanographic, and Radiation Station
AMOS	Automated Meteorological and Oceanographic Station
ADDT	All Digital Data Tape
AMQ	Analog Multiplexer Quantizer
ADEG	Auxiliary Display Equipment Group
AMSR	Apollo Module Simulation Response (package)
AOC	ALSEP Operational Computer
AOS	Acquisition of Signal
APCU	Apollo Process Control Unit
APS	Auxiliary Propulsion System
ARSS	Airborne Rapid-Scan Infrared Spectrometer
ALDS	Apollo Launch Data System
ALEM	Advanced Lunar Experiment Module
ASAP	Auxiliary Storage And Playback (ATM)
ALERT	ALSEP Equipment Readiness Test
ASK	Analog Select Keyboard
ASP	Activities Scheduling Program
ASR	Automatic Send-Receive
ALSEP	Apollo Lunar Surface Experiments Package
AT	Acceptance Test
AM	Airlock Module
ATM	Apollo Telescope Mount
AMED	AM Experiments Dump
ATMDC	Apollo Telescope Mount Digital Computer
ATS	Administrative Terminal System
ATSM	Automated Technique for Spacecraft Monitoring
AVSM	Auxiliary Video Switch Matrix
AVT	Anchor Vector Time
BET	Best Estimate Trajectory
BMDADS	Biomedical Data Analysis and Display Subsystem
C&WS	Caution and Warning System
CAD	Computation and Analysis Division
CAD	Computer Assisted Device

CADFISS	Computation and Data Flow Integrated Subsystems (prog)
CAM	Computer Address Matrix
CAP	Command Analysis Pattern
CASRS	Countdown and Status Receiving System
CASTS	Countdown and Status Transmitting System
CCATS	Communications, Command and Terminal System
CCB	Change Control Board
CCIM	CCATS Computer Input Multiplexer
CCTE	Command Central Timing Equipment
CDDT	Countdown Demonstration Test
CDH	Constant Delta Height (spacecraft maneuver)
CDS	Circadian Data System
CEDAR	Contingency Engineering Data for Analog Recording
CEF	Computer Execute Function
CIF	Central Instrumentation Facility
CIM	Computer Input Matrix
CIM	Computer Input Multiplexer
CISS	CCATS Interface Simulation System
CLS	Communications Line Switch
CLT	Communications Line Terminal
CMC	Command Module Computer
CMG	Control Moment Gyro
CML	Contractor Material List
CMS	Command Module Simulator
COHART	Combined Hardware and Readiness Test
COM	Computer Output Microfilm
COST	CCATS Open Loop String Test
CP	Communications Processor
CPU	Computer Processing Unit
CSB	Checkout Subchannel Buffer
CSM	Command and Service Module
CSS	Crew Safety System (or Computer Sub-System)
CTC	Cable Termination Cabinets
CTE	Central Timing Equipment
CTM	Communications Terminal Module
CTMC	Communications Terminal Module Control
D/C	Display and/or Control
D/TV	Data/Television
D/TV	Digital-to-Television
DAC	Digital to Analog Converter
DACIU	Digital to Analog Converter Interface Unit
DACU	Digital to Analog Converter Unit
DAS	Data Analysis Section
DCCU	DTE Cluster Control Unit
DCS	Digital Command System
DCU	Data Control Unit
DDD	Digital Display Driver
DDD/SDD	Digital Display Driver/ Subchannel Data Distributor
DDDIU	Digital Display Driver Interface Unit
DDS	Digital Display System
DECOM	Decommutator
DFL	Display Formatting Language

DFS	Display Formatting System
DGEN	Data Generator
DIP	Data Interrogation Program
DISCUS	Discrete Interpretative Simulation of Communications Oriented Unified Systems
DKI	Docking Initiate
DMS	Data Management Summary
DNDG	Dynamic Network Data Generator
DOI	Descent Orbit Insertion
DPS	Descent Propulsion System
DRA	Data Reformatter Assembler
DRAFT	Data Retrieval and Formatting Technique (program)
DRK	Display Request Keyboard
DRM	Display Request Matrix
DRP	Data Retrieval Program
DRR	Data Redundancy Reduction (program)
DSC	Dynamic Standby Computer
DSE	Data Storage Equipment
DSF	Data Systems Facility
DSM	Digital Select Module
DSP	Data Selection Program
DTE	Digital Television Equipment
DTU	Data Transmission Unit
EAN	Engineering Action Notice (PHO)
ECL	Exchange Control Logic
ECR	Engineering Change Request
ECS	Environment Control System
EDP	Electronic Data Processing
EDS	Error Detection System
EMCC	Emergency Mission Control Center
EMOD	Erasable Memory Octal Dump
EO	Engineering Order (PHO)
EORP	Earth Orbital Rendezvous Program
EPS	Electrical Power System
ERAP	Earth Resources Aircraft Program
EREP	Earth Resources Experiment Program (or Package)
ERIPS	Earth Resources Image Processing System
ERTS	Earth Resources Technology Satellite
ESTL	Electronic Systems Test Laboratory
FACS	Facilities Control System
FCDAR	Flight Control Data Acquisition Requirements
FAF	Fast Access File
DYN	Dynamic (a program used to check out the Mission Operations System)
FCOH	Flight Control Operations Handbook
FCS	Field Calibration System
FDK	Forced Display Keyboard (UNIVAC)
FMA	Food Management Area (Skylab)
FOMR	Flight Operations Management Room
FRT	Flight Readiness Test
FSMR	Flight Support Management Room
FSOH	Flight Support Operations Handbook
FSOT	Flight Support Operations Team
FSR	Flight Support Request

G&N	Guidance and Navigation
GACC	GSSC APCU SPCU Control Console
GAMS	Graphic Access Method System
GBS	Gas Bearing System
GCA	Generalized Core Area
GCC	Ground Communications Controller
GCTA	Ground Controlled Television Assembly
GDD	Group Display Driver
GMOS	GPSS Model of the Operating System
GMT	Greenwich Mean Time
GMTLO	GMT of Lift Off
GMTP	GMT Present
GMTU	GMT of Uplink
GOC	Ground Operations Computer
GOSS	Ground Operations Support System
GPSS	General Purpose Simulation System (program)
GRE	Ground Reconstruction Equipment
GSS	Ground Scheduling System
GSS	Ground Script System
GSS	Ground Support System
GSSC	Ground Support Simulation Computer
GTRS	Ground Truth Recording System
HAL	Houston Aerospace Language
HASP	Houston Automatic Spooling Priority
HATS	Houston Area Test Site
HBR	High Bit Rate
GET	Ground Elapsed Time
HCO	Hard Copy Operator
HFE	Heat Flow Experiment
HSD	High Speed Data
HSP	High Speed Printer
IC	Intercomputer Channel
ICU	Interface Control Unit
IML	Initial Measurement List
IMU	Inertial Measurement Unit
INCO	Instrumentation and Communications Officer
IP	Impact Predictor
IRIG	Inertial Reference Integrating Gyro (Skylab)
IRIG	Inter-Range Instrumentation Group
ISA	Interface System Adaptor
IU	Instrumentation Unit
IVA	Intravehicular Activity
JAS	Job Accounting System
JCL	Job Core Locator
KAST	King's Automatic System Test (program)
KBPS or KB/S	Kilo Bits Per Second
KSR	Keyboard Send-Receive
LARSYS	Laboratory Applications Remote Sensors System
LBO	Light Beam Oscillograph
LBR	Low Bit Rate
LCRU	Lunar Communications Relay Unit
LGC	Launch (or LM) Guidance Computer

LIEF	Launch Information Exchange Facility
LLP	Lunar Landing Program
LLTV	Lunar Landing Training Vehicle
LM	Lunar Module
LMS	Lunar Module Simulator
LMSP	Lunar Module Simulation Package
LMSR	Lunar Module Simulator Response (package)
LO	Lunar Orbit
LOI	Lunar Orbit Insertion
LOS	Loss of Signal
LSM	Lunar Surface Magnetometer
LTDS	Launch Trajectory Data System
LVDC	Launch Vehicle Digital Computer
M&O	Maintenance and Operations
MCP	Minor Construction Project
MCVG	Memory Character Vector Generator
MDA	Multiple Docking Adapter
MDD	Multichannel Data Demultiplexer
MDRS	MCC Data Retrieval System
MDSF	Mass Data Storage Facility
MED	Manual Entry Device
MFCIM	Multifunction Computer Input Multiplexer
MFMR	Multifrequency Microwave Radiometer
MGR	Manager
MISS	Multiband Image Scanning System
MITE	Master Instrumentation Timing Equipment
MM	Math Model
MMP	Momentum Management Program
MMS	Michigan Multispectral Scanner
MMS	Modular Multispectral Scanner
MOC	Mission Operation Computer
MOCIM	Mission Operations Computer Input Multiplexer
MOCR	Mission Operations Control Room
MOPS	Mission Operations Planning System
MPL	Mission Planning Laboratory
MPT	Mission Planning Table
MSDS	Multispectral Data System
MSK	Manual Select Keyboard
MSS	Multispectral Scanner
MTU	Magnetic Tape Unit
MULLET	Mission Uplink Listing and English Translation
NASCOP	NASA Communications Operations Plan
NC	Network Countdown (+ a number)
NCG	Network Control Group
NHB	NASA Handbook (+ a number)
NIB	Non-Interference Basis
NOD	Notice of Discrepancy
NOM	Network Operations Manager
NORAD	North American Air Defense Command
NPDS	Nuclear Particle Detection System
NRT	Near Real Time
NST	Network Support Team

OA	Orbital Assembly
OBS	Operational Bioinstrumentation System
OCCURS	Overall Current, Computer Utilization Reporting System
OCP	Operational Checkout Procedure
OGI	Oculogyral Illusion
OND	Operational Need Date
OPS	Operations
ORACT	Operational Readiness and Confidence Test (or testing)
OSA	Output Serial Adapter
OSP	Operations Support Plan
OTD	Operational Target Date
OTS	Output Transfer Switch
OUCH	Offline Universal Command History
OUTS	Output Utility Tape System
OWS	Orbital Workshop
P&FS	Particles and Fields Subsatellite
PAM	Pulse Amplitude Modulation
PBI	Push Button Indicator
PBT	Polynomial Buffer Terminal
PCMIU	Pulse Code Modulation Interface Unit
PDSDD	Plotting Display Subchannel Data Distributor
PDU	Projection Display Unit
PEARL	Program for EPS Analysis and Rapid Look Ahead
PERT	Program Evaluation and Reporting Technique
PI	Principal Investigator
PLIM	Post Launch Instrumentation Message
PLSS	Portable Life Support System
PMIS	Passive Microwave Imaging System
PMS	Portable Meteorological System
PNGS	Primary Navigation System
POP	Program Operating Plan
PRESIM	Presimulation Program
PSAT	Predicted Site Acquisition Table
PSE	Passive Seismic Experiment
P-TUBE	Pneumatic Tube
PCB	Printed Circuit Board
PWC	Primary Work Code
PCK	Phase Control Keyboard
PCM	Pulse Code Modulation
PCMGs	Pulse Code Modulated Ground Station
QA	Quality Assurance
QCM	Quartz Crystal Microbalance
QL	Quick Look
QT	Qualification Test
QTP	Qualification Test Plan
RBV	Return Beam Vidicon
RCS	Reaction Control System
REFSMMAT	Reference to Stable Member Matrices
RFI	Radio Frequency Interference
RO	Receive Only
ROCR	Recovery Operations Control Room
ROM	Rough Order of Magnitude

ROTR	Receive Only Typing Reperator
RPM	Resources and Program Management
RSCC	Remote Site Command Computer
RSDP	Remote Site Data Processor
RSF	Reference Slide File
RSS	Requirement Status System
RSTP	Remote Site Telemetry Processor
RT	Requalification Test
RTA	Relative Time Accumulator
RTACF	Real Time Auxiliary Computer Facility
RTC	Real Time Command
RTCC	Real Time Computer Complex
RTCS	Real Time Computer System
RTDM	Real Time Data Management
RTG	Radioisotope Thermoelectric Generator
RTOS	Real Time Operating System
RTS	Real Time System
SAMSO	System Analysis of Manned Space Operations
SAS	Site Assignment Status
SC	Status Control
SCA	Simulation Control Area
SCA	Subchannel Adapter
SCAMA	Switching, Conferencing, And Monitoring Arrangement
SCATS	Simulation, Checkout And Training System
SCH	Support Count Handbook
SCM	Site Configuration Message
RSTC	Remote Site Telemetry Computer
SCOTS	Skylab Confidence Tape System
SCR	Strip Chart Recorder
SCS	Stabilization Control System
SCU	System Configuration Unit
SDD	Subchannel Data Distributor
SDDU	Standby Digital Driver Unit
SECS	Saturn Environmental Control System
SETS	Skylab End-to-End Test System
SFDD	Slide File Data Distributor
SGSN	Skylab Ground Support Network
SIC	Simulated Input Control
SIDE	Suprathermal Ion Detector Experiment
SIM	Scientific Instrument Module
SIM	Simulation
SIP	System Integration Program
SIS	Scanning Image Spectroradiometer
SIT	Software Integration Test
SL	Skylab
SLS	Skylab Simulator
SLTDS	Skylab launch Trajectory Data System
SLV	Saturn launch Vehicle
SM	Service Module
SMEK	Summary Message Enable Keyboard
SMMD	Specimen Mass Measuring Device
SMS	Support Management Supervisor

SMT	Support Management Team
SMU	Summary Message Update
SOE	Skylab Operational Environment
SOW	Skylab Orbital Workshop
SPAN	Solar Particle Alert Network
SPCU	Skylab Process Control Unit
SPS	Secondary Propulsion System
SPS	Service Propulsion System
SRS	Simulated Remote Site
SRT	System Readiness Test
SRTC	Stored Real Time Command
SSC	Static Standby Computer
SSD	System Status Display
SSEU	System Selector Extension Unit
SSIA	Serial Simulation Interface Adapter
SSP	Simulation Support Processor(or Program)
SSR	Staff Support Room
SMA	Support Management Area
SST	Subsystem Test
SMCVG	Simulation Memory Character Vector Generator
SSU	System Selector Unit
STAG	Scripted Telemetry for Apollo Generator
STDN	Spaceflight Tracking and Data Network
STEP	SSP Telemetry Evaluation Program
STREU	Serial Transmit and Receive Encoder Unit
STS	Skylab Terminal System
STS	Space Transportation System
STS	Structural Transition Section(Skylab)
SWCST	Saturn Workshop Cockpit Simulation Trainer
SWE	Solar Wind Experiment
SWS	Saturn Workshop Simulator
SWS	Solar Wind Spectrometer
TACOS	Telemetry Applications Checkout System
TACS	Thruster Attitude Control System
TAP	Telemetry Acceptance Pattern
TCG	Time Code Generator
TCP	Test Checkout Plan
TCS	Terminal Control System
TDFL	Telemetry Data Formatting Language
TDP	Tracking Data Processor
TEC	Transearth Coast
TED	Telemetry Event Driver
TEI	Transearth Injection
TFR	Trouble and Failure Report
THRIFT	Telemetry History Report In Formatted Tabulation
TIG	Time of Ignition
TIP	Terminal Impact Prediction
TLC	Translunar Coast
TLI	Translunar Injection
TMT	Test Management Team
TOPDAC	Third Order Polynomial Digital to Analog Converter
TPFM	Terminal Phase Final Maneuver



TPI	Terminal Phase Initiate
TSS	Terminal Support System
TVISCU	Television Interference Subcarrier Cancellation Unit
UCS	Universal Command System
UDB	Update Buffer
UDL	Update Link
UPC	Unique Priority Command
USB	Unified S-Band
USB	Upper Side Band
UV	Ultra Violet
VCS	Ventilation Control System
VDR	Vehicle Deselect Request
VGFIG	Velocity Gain at Time of Ignition
VIPS	Video Image Processing System
VSD	Variable Slope Delta (modulator)
VSM	Video Switch Matrix
VSMBM	Video Switch Matrix Buffer Multiplexer
VSSM	Video Scanner Switch Matrix
WBD	Wide Band Data
WBDX	Wide Band Data Switch
WBR	Wide Band Recorder
WDF	Weather Data Facility
WMA	Waste Management Area (Skylab)
WPF	Weather Profile Facility
XERA	X-ray Experiment Assembly
XUV	Extreme Ultra Violet
ZOP	Zero Order Predictor
ZODAC	Zero Order Digital To Analog Converter

ABBREVIATIONS AND ACRONYMS USED IN APOLLO FILES

Revised June 25, 1984

AA	Associate administrator
AACB	Aeronautics and Astronautics Coordinating Board (NASA-DOD)
AAP	Apollo Applications Program (later Skylab)
ACE	Acceptance checkout equipment or automatic checkout equipment
ACEL	Aircrew Equipment laboratory
ACIC	Aeronautical Chart and Information Center, St. Louis
ACR	Advent control room (?)
ADP	Automatic data processing
AEDC	(USAF) Arnold Engineering Development Center, Tullahoma, Tenn.
AEDP	Apollo emergency detection panel
AES	Apollo extension systems
AFB	Air Force Base
AFMTC	Air Force Missile Test Center, Cape Canaveral, Fla.
AFRM	Airframe
AFSB	Apollo Flight Systems Branch, MSC
AFSC	Air force Systems Command
AGC	Apollo guidance computer
AGE	Aerospace ground equipment
AGS	Abort guidance system
AIEM	Apollo lunar exploration missions
Algol	A solid rocket motor, first stage of scout launch vehicle

ALSEP	Apollo lunar surface experiments package
ALSS	Apollo logistic support system
ALSSO	Apollo Lunar Logistic Support office
AMR	Atlantic Missile Range
AMS	Apollo mission simulator
AOT	Alignment optical telescope; acquisition of target
APD	Apollo program directive
AMPTF	Apollo mission Planning Task Force
APS	Ascent propulsion system of the lunar module
ARIA, A/RIA	Apollo range instrumentation aircraft
ARINC	Aeronautical Radio, Inc.
ABMC	American Bosch Arma Corp.
A/S	Ascent stage of the lunar module
A/S-#, AS-#	Apollo/Saturn mission, with number (equivalent to SA-#)
ASA	Abort sensor assembly
ASB	Apollo support branch
ASD	(USAF) Aerodynamic Systems Division; Apollo Support Div., GE Co
ASPO	Apollo Spacecraft Program Office, MSC
ATD	Advanced technical development
ATB	Apollo test requirement
ATVC	Apollo television camera
BIG	Biological isolation garment
BOB	Bureau of the Budget (later, Office of Management and Budget)
BP, B/P	Boilerplate Spacecraft
BRN	Brown & Root-Northrop (consortium operating the LRL)
BUBUD	Bureau of the Budget
C-1, C-1B, C-5	Early designations of Saturn 1, IB, and V Launch vehicle
CARID	Customer acceptance review item disposition
CARR	Customer acceptance readiness review
C-band	Radio frequencies 3900-6200 MHz, used for tracking and ranging
CCA	Contract change authorization
CCB	Configuration control board
CCFF	See C2F2
CCP	Contract change proposal or Configuration control panel
CCSR	Crew compartment storage review
CDC	Communicable Disease Center, U.S. Public Health Service
CDDT	Countdown demonstration test
CDR	Critical design review
CDU	Coupling display unit
C&E	Construction and equipment
CEI	Contract end item
CEP	Circular error of probability
C2F2	Crew compartment fit and function (CCFF)
C of F	Construction of facilities
CFE	Contractor-furnished equipment
CG	Center of gravity
CM, C/M	Apollo command module
CMP	Command module pilot
CO2	Carbon dioxide
COFW	Certificate of flight worthiness
COI	contingency orbit insertion
CPCB	Crew procedures control board

CPS	Cycles per second
CSD	Crew Systems Division, MSC
CSM, C&SM, C/SM	Apollo command and service modules
CSRB	Crew systems review board
CTN	Certification test network
CTP	Computer tape processor
CTR	Certification test requirements
CU	Common use
C&WEA	Caution and warning Electronic assembly
DA	Direct ascent (lunar mission mode)
DAP	Digital autopilot
D&C	Displays and controls
DCAA	Defense Contract Audit Agency
DCAS	Defense Contract Administrative Services
DCR	Design certification review
DEI	Design engineering inspection; development engineering inspection
Delta V	Velocity change; used as a measure of fuel requirements
DFI	Development flight instrumentation
DFI/C	Development flight instruments and controls
DOD	Department of Defense
DCI	Descent orbit insertion
DPS	Descent propulsion system of the LM
DRM	Design reference mission
DRUL	Downrange uplink
D/S	Descent stage of the lunar module
DSDP	Data system development plans
DSEA	Data storage equipment assembly
DSIF	Deep space instrumentation facility
DSKY	Display and keyboard
DSN	Deep space network
DVT	Design verification test
DX	A procurement priority rating: highest national priority
EASEP	Early Apollo scientific equipment package
ECS	Environmental control system
EDD	Engineering and Development Division, MSC
EDS	Emergency detection system
EIP	Experiment implementation plan
ELM	Earth landing system
EM	Engineering model
EMU	Extravehicular mobility unit
EO	Engineering order
EOR	Earth-orbit rendezvous (lunar mission mode)
EOS	Emergency oxygen system
EPS	Electrical power system
ESB	Electrical Systems Branch, STG
ESTP	Electronic systems test program
ETR	Eastern Test Range
EVA	Extravehicular activity
EVVA	Extravehicular visor assembly
FACI	First article configuration inspection
FAF	Flight acceleration facility
FAI	Flight article inspection

FCA	Fuel cell assembly
FCCP	Firm contract change proposal
FCD	Flight Control Division, MSC
FCOD	Flight Crew operations Division, MSC
FCOP	Flight control operations panel
FCSD	Flight Crew Support Division, MSC
FDAI	Flight director attitude indicator
FEAT	Formal engineering acceptance test
FIRE	Flight investigation of reentry environment ("Project FIRE")
FITH	Fire in the hole (ignition of engine before separation of stage)
FMEA	Failure mode and effects analysis
FO, FOD	Flight Operations Division, MSC
FOP	Flight operations planning
FRC	NASA flight Research Center, Edwards AFB, Calif.
FRR	Flight readiness review
FSD	Flight Systems Division, SIG
FY	Fiscal year
GAEC	Grumman Aircraft Engineering Co.
GAL	Gas analysis Laboratory in LRL
GAO	General Accounting Office
G&C	Guidance and control
GCD	Guidance and Control Division, MSC
GE	General Electric Co.
GFE	Government-furnished equipment
GFP	Government-furnished property
GFY	Government fiscal year
GLEP	Group for lunar exploration planning
GLV	Gemini launch vehicle (modified Titan II)
G&N	Guidance and navigation
GN2	Gaseous nitrogen
GN&C	Guidance, navigation, and control
GOSS	Ground Operational Support System (later, MSFN)
GPR	General project representative
GSE	Ground support equipment
GTV	Ground test vehicle
HAPPE	High altitude particle physics experiment
HEW	Department of Health, Education, and Welfare
HF	High frequency
Hi-rel	High-reliability
H2O2	Hydrogen peroxide
HCSC	Huntsville (i.e., MSFC) Operations Support center
HSD	Hamilton Standard Division, United Aircraft Co.
ICBC	Interagency committee on back contamination
ICD	Interface control document
IES	Internal environmental simulator
IESD	Instrumentation and Electronic Systems Division, MSC
IF	Intermediate frequency
IPTS	Inflight test system
IG	Inspector general
ILC, ILCI	International Latex Corp.
IMCC	Integrated mission control center (later, MSCC)
IMU	Inertial measuring unit

IRD	Instrument Research Division, Langley Research Center
IRIG	Inertial reference integrating gyro
ITMG	Integrated thermal-meteoroid garment
IU	Instrument unit of the Saturn IB or Saturn V launch vehicle
K	Thousand; 200K = 200,000
KBS	Kilobits per second (rate of data transmission)
KC	Kilocycles per second (kilohertz)
LC-#	Launch complex, with number, at KSC (usually LC-39)
LCG	Liquid-cooled garment
LCRU	Lunar communications relay unit
LCU	A seagoing vessel used by the Army Transportation Material Comm
L/D	Lift-to-drag ratio
LDX	Teleconferencing facsimile network
LEM	Lunar excursion module (later, lunar module, LM)
LEO	Lunar extended operations
LES	Launch escape system
LEV	Launch escape vehicle
LEWG	Lunar exploration working group
LFU	Lunar flying unit
LGC	LEM guidance computer
LH2	Liquid hydrogen
LJ	Little Joe launch vehicle
LLM	Lunar landing mission
LLRV	Lunar landing research vehicle
LLS	Lunar logistic support
LLTV	Lunar landing training vehicle
LLV	Lunar landing vehicle
LLVPG	Large Launch Vehicle Planning Group
LM	Lunar module
LMMP	Lunar module modification program
LMP	LEM mission programmer
LMPB	Lunar Missions Planning Board
LMS	LEM mission simulator
LN2	Liquid nitrogen
LOC	Launch Operations Center (later Kennedy Space Center, KSC)
LCI	Lunar orbit insertion
LOP	Launch operations panel or lunar Orbiter Project
LOR	Lunar-orbit rendezvous (lunar mission mode)
LORS	LEM optical rendezvous system
LSPE	Lunar seismic profiling experiment
LRL	Lunar receiving laboratory
LSPET	Lunar sample preliminary examination team
LSRL	Lunar sample receiving laboratory (later, LRL)
LTA	Lunar module test article
LTV	Ling-Temco-Vought Co.
L/V	Launch vehicle
LVC	LEM vendor change
LVDC	Launch vehicle digital computer
M #	Mach number, as M 20, Mach 20
MATS	Military Air Transport Service
MCC-H	Mission control center, Houston
MCCP	Mission control operations panel
MCP	Mission control programmer or minor construction program

MDS	Master development schedule
MEI	Master end item
MESA	Mobile equipment storage area
MG	Gemini program office, NASA Headquarters
MH	Minneapolis-Honeywell
MILA	Merritt Island launch area (at Cape Canaveral)
MIS	Man in space
MISTRAM	Missile trajectory measurement
MIT/IL	Mass. Inst. of Technology Instrumentation Laboratory
MMC	Mid-course measurement correction
MO	Mission operations Office, NASA Headquarters
MOCR	Mission operations control room
MOL	(Air. Force) Manned orbiting laboratory
MOP	Mission operations planning
MPAD	Mission Planning and Analysis Division, MSC
MQF	Mobile quarantine facility
MSCC	Manned spaceflight control center (later, MCC-H)
MSCI	Manned Spacecraft Center Instruction
MSF	Office of Manned Space Flight, NASA Headquarters
MSFEB	Manned Space Flight Experiments Board
MSFN	Manned Space flight network
MSOB	Manned Spacecraft operations building, KSC
M&SS	Mapping and survey system
MSSD	Manned Space Science Division, OSSA, NASA Headquarters
MSVD	Manned Space Vehicle Division, General Electric Co.
MTF	NASA Mississippi Test Facility
ETVC	Manned thrust vector control
NAA	North American Aviation, Inc.
NAR	North American Rockwell
NAS	National Academy of Sciences
NASCOM	NASA communications network
N&G	Navigation and guidance
NM	Nautical mile
NMI	NASA Management Instruction
N2C4	Nitrogen tetroxide - oxidizer for LM engines and CSM RCS engine
NCTS	Naval Ordnance Test Station, China Lake, Calif.
NPC	NASA Procurement Circular
NR	North American Rockwell
OART	Office of Advanced Research and Technology, NASA Headquarters
OAS	Operational Analysis Section, SIC;
OCP	Operational checkout procedure
OPC	Flight Crew Operations Office, MSC
OMSF	Office of Manned Space Flight, NASA Headquarters
OMU	Optical measuring unit
OPS	Oxygen purge system
ORDEAL	Orbital rate drive electronics for Apollo and LM
ORI	Operational readiness inspection
OSFP	Office of Space Flight Programs, NASA Headquarters (later, OMS.
OSS	Office of Space Sciences, NASA Headquarters (later, OSSA)
OSSA	Office of Space -Science and Applications, NASA Headquarters
OST	Office of Space Technology, NASA Headquarters
OTDA	Office of Tracking and Data Acquisition, NASA Headquarters

OTP	Operational test procedure
PACE	Preflight acceptance checkout equipment
PAD	Project approval document
PAC	Public Affairs Office; Public Affairs Officer
PBI	Polybenzimidazole; a synthetic fiber for fire-resistant fabric
PCCP	Preliminary contract change proposal
PCM	Pulse code modulation
PDP	Project development plan
PDR	Preliminary design review
PERT	Program evaluation and review technique
PET	Preliminary examination team (for lunar samples - same as LSPET)
PGA	Pressure garment assembly
PGNCS	Primary guidance and navigation control system
PGNS	Primary guidance and navigation subsystem
PGS	Power generation system
PIP	Pulse-integrating pendulous accelerometer
PIT	Pre-installation test
PLSS	Portable life-support system
PMP	Program management plan
POD	Preflight Operations Division, KSC
Pogo	(Not an acronym) Longitudinal oscillations of a launch vehicle
POP	Program operating plan
PQGS	Propellant quantity gauging system
PRB	Panel review board
PRT	Preliminary reference trajectory
PSA	Power servo amplifier
PSDF	Propulsion Systems Development Facility
PSIA	Pounds per square inch absolute
PTC	Portable temperature controller
PTV	Parachute test vehicle
Q	Dynamic pressure; as in "max Q," maximum dynamic pressure
QA	Quality assurance
Q-ball	A device to measure and display dynamic pressure
QC	Quality control
QTV	Qualification test vehicle
RASPO	Resident Apollo Spacecraft Program Office at contractor site
RCL	Radiation counting laboratory in LRL
RCS	Reaction control system
R&D	Research and development
RECP	Request for engineering change proposal
RF	Radio frequency
RFA	Request for alteration
RFBA	Request for budget adjustment
RFC	Request for change
RFP	Request for proposal
RFWAR	Requirements for work and resources
RID	Review item disposition
R&QA	Reliability and quality assurance
RR	Rendezvous radar
RTCC	Real-time computer complex
RTG	Radioisotope thermoelectric generator (power supply for ALSEP)
RTQ	Response to queries

S1-#	Saturn/Apollo mission, with number; as "SA-8"
S&AD	Science and Applications Directorate, MSC
SAA S/AA	Saturn-Apollo Applications (same as AAP)
SAR	Systems assessment review
SARP	Schedule and review procedures
S-band	Radio frequencies from 1150 to 5200 (1150 to 5200 MHz)
S&C	Stabilization and control
S/C	Spacecraft
SCAPE	Self-contained atmospheric protective ensemble
SCATS	Simulation, checkout, and training system
SCEA	Signal conditioner equipment assembly
SCRAPER	(Not an acronym) weight reduction program for the LM
SCS	Stabilization and control system
SCT	Scanning telescope
SCU	Signal conditioning unit
SEB	Source evaluation board
SEP	Spacecraft electronics package
SESAME	Systems engineering status of activities meeting
SESL	Space environment simulation laboratory
S&ID	Space & Information Division, North American Aviation, Inc.
S-IC	First stage of the Saturn V launch vehicle
S-II	Second stage of the Saturn V launch vehicle
S-IV	Second stage of the Saturn I launch vehicle
S-IVB	Third stage Of Saturn V, second stage of Saturn IB
SLA	Spacecraft/launch vehicle adapter
SLSS	Secondary life support system
SM, S/M	Apollo service module
SM	Manned Space Science Division, OSSA, NASA Headquarters
SMD	Structures and Mechanics Division, MSC
SML	Support material list
SNAP	System for nuclear auxiliary power
SPAN	Solar Particle Alert Network
SPMS	Solar particle monitoring system
SPS	Service propulsion system of the Apollo service module
SRD	Spacecraft Research Division MSC (later STE)
SRT	Scientific research and technology
SSR	Staff support room
STAC	Science and technology advisory committee (to OMSF)
STD	Spacecraft Technology Division, MSC
STE	Special test equipment
STEM	Stay time extension module
STL	Space Technology Laboratories
STU	Special test units
Sub(s)	Subcontractor(s)
Subs	Subsequent; as in "SA-206 and subs" or "S/C 012 and subs"
SVM	Space vehicle motion
SWIP	Super weight improvement program for the lunar module
Syncom	A communications satellite in synchronous orbit
TD&E	Transposition, docking, and extraction of LM
TDR	Test discrepancy report
TDY	Temporary duty, usually travel
TEI	Trans-earth insertion



TF	Test fixture
TIE	Technical integration and evaluation
TLC	Translunar coast
TLI	Translunar insertion
TOD	Technical operations director
TOS	Test operations support
TPS	Thermal protection subsystem
T/V	Thermal vacuum
TVC	Thrust vector control
TWX	Teletype message
USAF	U.S. Air Force
USB	Unified S-band (communications and telemetry link)
VHF	Very high frequency
VLF	Very low frequency
VTOL	Vertical takeoff and landing
VUV	Vacuum ultraviolet (wavelengths 1-200 nm)
WOO	NASA Western Operations Office, Santa Monica, Calif.
WP	Working paper
WSMR	White Sands Missile Range, New Mexico
WSC	White Sands operations (MSC)