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## Acronyms and Abbreviations

This list includes Russian acronyms transliterated into English. English language explanations or translations are given in place of Russian. For example, in the entry TsUP below, TsUP is the transliterated acronym for the Russian phrase transliterated *Tsentr Upravlyeniya Polyotom*, but the English-language translation “Flight Control Center” is given.

Altair/SR . . . . .	Altair/satellite relay
APAS . . . . .	androgynous peripheral assembly system
ARIS . . . . .	X-ray sensor on ASPG-M platform
ASAT . . . . .	antisatellite
ASPG-M . . . . .	independently stabilized platform on Kvant 2
ASTP . . . . .	Apollo-Soyuz Test Project
Block D . . . . .	Proton fourth stage; LRS second stage
Block G . . . . .	LRS first stage
BST-1M . . . . .	multispectral telescope
BTSVK . . . . .	computer used in Soyuz-T spacecraft
C . . . . .	Cosmos
CANEX . . . . .	Canadian Experiments
CSM . . . . .	command and service module
D-module . . . . .	augmentation module
DOS . . . . .	long-duration orbital station
ECOR-A . . . . .	synthetic aperture radar system used on Almaz radar satellite
ERA . . . . .	French experimental structure deployed on Mir’s exterior
ESA . . . . .	European Space Agency
EURECA . . . . .	European Retrievable Carrier
EVA . . . . .	extravehicular activity
F . . . . .	Ferry
FGB . . . . .	functional cargo module
FSM . . . . .	functional service module
HEXE . . . . .	high-energy X-ray experiment
ICBM . . . . .	intercontinental ballistic missile
ITSK . . . . .	infrared telescope
ITS-7D . . . . .	infrared spectrometer on ASPG-M platform
JSC . . . . .	Johnson Space Center
K . . . . .	Kvant
KAP-350 . . . . .	Earth-resources camera
KATE . . . . .	multispectral camera
KB . . . . .	design bureau
KF . . . . .	Kvant with FSM
KDU . . . . .	integrated propulsion system
Kr . . . . .	Kristall
KRT-10 . . . . .	radio telescope deployed from Salyut 6
KTDU . . . . .	various Soyuz and Salyut main propulsion systems

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LAGEOS	Laser Geodynamic Satellite
L/D	lift-to-drag ratio
LDEF	long-duration exposure facility
LM	Lunar Module
LRS	Lunar Rocket System
M.	modified
MKF-6M	East German multispectral camera
MKF-6MA	East German multispectral camera
MKF-6M2	East German multispectral camera
MMU	manned maneuvering unit
MT	Moscow time
N <sub>2</sub> O <sub>4</sub>	nitrogen tetroxide
NA	not applicable
NASA	National Aeronautics and Space Administration
NPO	scientific production association
ODU	integrated propulsion system
OKB	special design bureau
Orlan-DMA	advanced spacesuit
OST-1	solar telescope
P	Progress
RKK	Russian Space Corporation
RT-4	X-ray telescope
SAR	Synthetic Aperture Radar
SDI	Strategic Defense Initiative
SDRN	Satellite Data Relay Network
SOUND	orientation and motion control system
SPARTAN	Shuttle-Pointed Autonomous Research Tool for Astronomy
SRB	solid rocket booster
STS	Space Transportation System
T	Transport
TBS	Tokyo Broadcasting System
TDRS	Tracking and Data Relay Satellite
TKS	transport logistics spacecraft
T1K	unflown, unmanned test version of Soviet L2 spacecraft
T2K	unmanned test version of Soviet L3 spacecraft
TM	Transport Modified
TsUP	Flight Control Center
TTM	wide-angle shadow-mask X-ray camera
TV	television
UDMH	unsymmetrical dimethyl hydrazine
URI	universal tool for welding, soldering, cutting metal
UT	Universal time
VDU	auxiliary thruster unit attached to Sofora girder on Mir
VEP	instrument for monitoring Mir internal conditions
YMK	manned maneuvering unit