



AEROSPACE SYSTEMS

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ADAir Defence
ASMAir-to-Surface Missile
ASWAnti-Submarine Warfare
ATGMAnti-Tank Guided Missile
AWACS	.....	.Airborne Warning & Control System
CEP	.....	.Circular Error Probability
ECCM	.....	.Electronic Counter-Countermeasures
ECM	.....	.Electronic Countermeasures
ET	.....	.External Tank
EW	.....	.Electronic Warfare
FCS	.....	.Fire Control System
GLONASS	.....	.Global Navigation Satellite System
GPS	.....	.Global Positioning System
HE	.....	.High Explosive
HF	.....	.High Frequency
hp	.....	.horsepower
HUD	.....	.Head-Up Display
ICAO	.....	.International Civil Aviation Organisation
ICBM	.....	.Inter-Continental Ballistic Missile
IFF	.....	.Identification Friend or Foe
IR	.....	.Infra-Red
ISA	.....	.International Standard Atmosphere
kW	.....	.kilowatt
LCD	.....	.Liquid Crystal Display
LV	.....	.Launch Vehicle
M	.....	.Mach
MFD	.....	.Multifunction Display
NAVSTAR	.....	.Navigation Satellite Timing & Ranging
NBC	.....	.Nuclear, Biological & Chemical
NVG	.....	.Night Vision Goggles
RCS	.....	.Radar Cross Section
RPV	.....	.Remotely-Piloted Vehicle
RMS	.....	.Root Mean Square
RWR	.....	.Radar Warning Receiver
SAM	.....	.Surface-to-Air Missile
SAR	.....	.Search-and-Rescue
SHF	.....	.Super High Frequency
SNS	.....	.Satellite Navigation System
STOL	.....	.Short Take-Off & Landing
TNT	.....	.Trinitrotoluene
TVC	.....	.Thrust Vector Control
UAV	.....	.Unmanned Air Vehicle
UHF	.....	.Ultra High Frequency
VHF	.....	.Very High Frequency
WCS	.....	.Weapons Control System

FOREWORD

The revised edition of the "Aerospace Systems" catalogue gives brief descriptions of Russian military/dual-use air and space systems and services offered for export by the Rosoboronexport State Corporation. It covers most important defence-related aerospace technologies developed in Russia, namely:

- Aircraft
- Helicopters
- Unmanned air systems
- Flight simulators
- Aeroengines
- Avionics
- Armament
- Airfield equipment
- Ground Monitoring Equipment
- Life support equipment
- Space systems and services

The catalogue embraces both major military aviation air systems and support facilities, including manned and unmanned aircraft, airborne munitions, ground support equipment, engines, avionics, simulators, etc. The Corporation ensures proper operation of the equipment supplied, its maintenance, spare parts supply, servicing and upgrading, as well as personnel training, organisation of license production, repair and servicing, assistance in constructing airfields, air traffic control systems and command posts. It also offers customer-defined research and development projects, joint production and promotion of aviation materiel to foreign markets, upgrading of the vintage equipment and armament, etc.

Rosoboronexport markets Russian space technologies under strict state control of the missile non-proliferation regime observance. Offered for export are Earth remote sensing, space communication/navigation systems, and development projects for customer-defined space-based systems, as well as services rendered by Russia's space infrastructure (cosmodromes, space control centres, launch vehicles) in putting customer payloads into orbit.

The item list of the catalogue is by no means exhaustive, but rather indicative of the major aerospace areas where products and services are available for export.

The Rosoboronexport catalogue "Aerospace Systems" is intended for foreign Air Force commanders and defence procurement experts as a reference publication.