

DATABASE REGISTRATION

Version 2005- FP6

Support for SMEs in European Research Programmes

National Points of Contact

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark,

Estonia, Finland, France, Germany, Greece, Hungary, Iceland,

Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta,

Norway, Poland, Portugal, Romania, Slovenia, Spain,

Sweden, Switzerland, The Netherlands,

The Slovak Republic, Turkey, United Kingdom



With the Support of the
European Commission



AeroSpace and Defence
Industries Association of Europe

AeroSME is a joint activity between the European aerospace industry and the European Commission

About the AeroSME project

Small and Medium-Sized Enterprises (SMEs) often experience difficulties in accessing European technology funding and in finding adequate partners for technology development projects and joint ventures.

AeroSME, a joint project of the AeroSpace and Defence Industries Association of Europe (ASD) and the European Union is set up to help SMEs to participate in the shared-cost Research and Technology Development (RTD) projects of the European Union. The support provided by AeroSME is free of charge and independent of any membership.

The AeroSME Internet Database

By returning this registration form, you will benefit from

- ✓ Being included in the AeroSME internet database listing aeronautical firms in Europe, giving enhanced networking opportunities
- ✓ Receiving free-of-charge personal consulting service provided by the AeroSME Helpdesk including:
 - personal consulting support on EU funding
 - personal help to set-up an EU RTD project including partner search
- ✓ Being invited to AeroSME match making workshops in Europe
- ✓ Receiving the AeroSME Newsletter and R&D Project Flash

More information is provided in the chapter *Frequently Asked Questions (FAQ)* on page 7 and on the AeroSME website under <http://www.aerosme.com>.

How to register?

Complete this Registration Form and return it directly to the AeroSME Helpdesk, by fax or e-mail.

The **Registration Form** is also available on the **website** and can be completed **on-line** at <http://www.aerosme.com/html/pps2.asp>

Do not hesitate to contact the AeroSME Helpdesk if you need help to complete this form or if you would like to ask more questions about AeroSME. Contact details are given at the end of this Registration Form.

AeroSME Project Ideas

In addition to presenting aeronautical enterprises in Europe, the AeroSME database provides a list of potential research projects, called *Project Ideas* for which partners are wanted.

If you have a technology need or if you want to offer your expertise/knowledge for a joint project or an industrial joint venture, please complete the "Project Idea" form on page 6 of this Registration Form. Once registered, your data will be available for all interested organisations in Europe.

Contact Details

1 Organisation		
2 RTD Contact		3 Department / Position
4 Building / Street / PO Box		
5 Postal Code	6 City	7 Country
8 Telephone		9 Fax
10 E-mail		11 Internet Homepage

Company Profile

12 Type of your organisation			
12A <input type="checkbox"/> Industry	12B <input type="checkbox"/> Research Organisation	12C <input type="checkbox"/> Consultancy	12D <input type="checkbox"/> Others
13 Organisation size: please indicate the total number of employees in your organisation			
<input type="checkbox"/> < 10	<input type="checkbox"/> 10-49	<input type="checkbox"/> 50-249	<input type="checkbox"/> 250-499 <input type="checkbox"/> > 500
14 Last years total turnover (million Euro)		15 Year of foundation	16 Is your enterprise an SME (see FAQ section, p. 7)
<input type="checkbox"/> < 25	<input type="checkbox"/> 25 to 40	<input type="checkbox"/> > 40	<input type="checkbox"/> Yes <input type="checkbox"/> No
Owners or parent organisation of your enterprise (if appropriate-information will remain confidential)			
17A Parent organisation	17B Country	17C Total Turnover Million Euro	17D Ownership (%)

Your Company's Products Profile

23 Select your PRODUCT CATEGORY! In addition to the selection of the main product category would be of value to tick the appropriate sub-product box. Please use the attached List of Product form.

Product	Product
P5000 <input type="checkbox"/> ATC Communication Systems & Components	P6100 <input type="checkbox"/> Hardware Hydraulic/Pneumatic
P5100 <input type="checkbox"/> Aircraft Operating & Control Systems	P6200 <input type="checkbox"/> Inflatables
P5200 <input type="checkbox"/> Airframes & Components	P6300 <input type="checkbox"/> Interior Equipment & Furnishings
P5300 <input type="checkbox"/> Avionics Systems, Instruments & Components	P6400 <input type="checkbox"/> Landing Gear/Wheels & Brakes
P5400 <input type="checkbox"/> Chemicals	P6500 <input type="checkbox"/> Lighting Systems & Equipment
P5500 <input type="checkbox"/> Coatings & Paints	P6600 <input type="checkbox"/> Metals & Metals Services
P5600 <input type="checkbox"/> Composites	P6700 <input type="checkbox"/> Oxygen/Fire Suppression Systems
P5700 <input type="checkbox"/> Computer Software/Services & Databases	P6800 <input type="checkbox"/> Test & Inspection Equipment
P5800 <input type="checkbox"/> Electrical & Electronic Components & Hardware	P6900 <input type="checkbox"/> Tools & Machines
P5900 <input type="checkbox"/> Engines & Engine Components, Propellers	P7000 <input type="checkbox"/> Training Equipment & Services
P6000 <input type="checkbox"/> Crew/Passenger Supplies & Services	

Your Company's Technology Profile

24A **Select your RTD TECHNOLOGY Area!** Maximum 4 areas will be registered in the database.

Technology		Technology	
T01	<input type="checkbox"/> Automation	T23	<input type="checkbox"/> Machine tools
T41	<input type="checkbox"/> Robotics	T24	<input type="checkbox"/> Material characterisation / Testing
T04	<input type="checkbox"/> CAE/CAD/CAM systems	T45	<input type="checkbox"/> Surface treatment technologies
T06	<input type="checkbox"/> Computer science / Software /	T31	<input type="checkbox"/> Metallurgy / Hydrometals
T07	<input type="checkbox"/> Computer / Processors	T47	<input type="checkbox"/> Tools / Dies
T08	<input type="checkbox"/> Control and systems	T57	<input type="checkbox"/> Structural analysis
T09	<input type="checkbox"/> Data bases / Expert systems	T26	<input type="checkbox"/> Modelling / Simulation
T11	<input type="checkbox"/> Dynamics / Fluid dynamics	T42	<input type="checkbox"/> Safety management
T14	<input type="checkbox"/> Electronics	T55	<input type="checkbox"/> Mechatronics
T15	<input type="checkbox"/> Ergonomics	T33	<input type="checkbox"/> Multifunctional Engineering
T20	<input type="checkbox"/> Imaging/Image processing	T99	<input type="checkbox"/> Multimedia
T43	<input type="checkbox"/> Sensors / Signal processing	T46	<input type="checkbox"/> Thermodynamics
T21	<input type="checkbox"/> Instrument / Measuring systems	T49	<input type="checkbox"/> Vibrations Analysis / Acoustics
T22	<input type="checkbox"/> Laser Technique / Power beams	T50	<input type="checkbox"/> Vision/ Optical systems

24B Any other technology?

Research & Technology Co-operation

Research & Technology Development - RTD work:

21A Does your company conduct RTD work? Yes No

21B → If **YES**: Is your RTD work performed on request of customers? Yes No

Participation in an EU-funded technology project:

22A Would you consider participating in an EU-funded RTD project? Yes No

→ If **YES**: what type of project would you prefer (See FAQ for explanation of project types!)

22B Specific Targeted Research Projects (STREPs) Yes No

22C CRAFT Projects or Collective Research Yes No

22E Integrated Projects (IPs) Yes No

22D Would you consider leading such an EU project? Yes No

25 Technology Offers and Requests

The AeroSME database allows you to search for partners interested in a joint project. You may either REQUEST a partner who have a certain technology already available or you may OFFER your technology to potential partners. For example, you may REQUEST a partner with software experience. On the other hand, if you are a software specialist you may want to OFFER your knowledge/services for a joint technology development project.

The following table provides a choice between technology OFFER or REQUEST. Please indicate your choice as indicated

O R
 / X1101 Tick the first box for an OFFER!
 / X1101 Tick the second box for a REQUEST!

Please select maximum 6 technologies from the table.

REDUCING AIRCRAFT DEVELOPMENT COST

Advanced Design Systems And Tools O / R

. Concurrent Engineering	X 1101	<input type="checkbox"/>	/	<input type="checkbox"/>
. Distributed design; tools/systems	X 1103	<input type="checkbox"/>	/	<input type="checkbox"/>
. Knowledge based design	X 1104	<input type="checkbox"/>	/	<input type="checkbox"/>
. Modelling/simulation of processes/products	X 1105	<input type="checkbox"/>	/	<input type="checkbox"/>
. Digital Mock-ups	X 1106	<input type="checkbox"/>	/	<input type="checkbox"/>
. Data transfer standardisation	X 1107	<input type="checkbox"/>	/	<input type="checkbox"/>
. Integration of control systems	X 1108	<input type="checkbox"/>	/	<input type="checkbox"/>
. Virtual prototyping	X 1109	<input type="checkbox"/>	/	<input type="checkbox"/>

Manufacturing O / R

. Flexible manufacturing	X 1201	<input type="checkbox"/>	/	<input type="checkbox"/>
. Intelligent manufacturing	X 1202	<input type="checkbox"/>	/	<input type="checkbox"/>
. Cost-effective design and manufacturing	X 1203	<input type="checkbox"/>	/	<input type="checkbox"/>
. Solvent-free cleaning	X 1204	<input type="checkbox"/>	/	<input type="checkbox"/>
. Coatings for high strength steel	X 1206	<input type="checkbox"/>	/	<input type="checkbox"/>
. Composite components manufacturing	X 1207	<input type="checkbox"/>	/	<input type="checkbox"/>

Product quality control O / R

. Improved measuring systems & sensors	X 1301	<input type="checkbox"/>	/	<input type="checkbox"/>
. Quality control for new materials	X 1302	<input type="checkbox"/>	/	<input type="checkbox"/>
. Testing & measurement technology	X 1303	<input type="checkbox"/>	/	<input type="checkbox"/>
. Quality control systems & procedures	X 1304	<input type="checkbox"/>	/	<input type="checkbox"/>
. Inventory/configuration control procedures	X 1305	<input type="checkbox"/>	/	<input type="checkbox"/>
. Non-destructive testing methods	X 1306	<input type="checkbox"/>	/	<input type="checkbox"/>

IMPROVING AIRCRAFT EFFICIENCY

Aerodynamics O / R

. Computational tools for aerodynamics	X 2101	<input type="checkbox"/>	/	<input type="checkbox"/>
. Drag reduction systems and tools	X 2104	<input type="checkbox"/>	/	<input type="checkbox"/>
. Testing & measurement technology	X 2106	<input type="checkbox"/>	/	<input type="checkbox"/>
. Fluid structure interactions/unsteady aerodyn.	X 2107	<input type="checkbox"/>	/	<input type="checkbox"/>
. Integrated design methods	X 2108	<input type="checkbox"/>	/	<input type="checkbox"/>

Structures and materials application O / R

. Simulation tools	X 2201	<input type="checkbox"/>	/	<input type="checkbox"/>
. Advanced assembly concepts	X 2203	<input type="checkbox"/>	/	<input type="checkbox"/>
. Advanced materials	X 2204	<input type="checkbox"/>	/	<input type="checkbox"/>
. Smart materials for surface & wing	X 2205	<input type="checkbox"/>	/	<input type="checkbox"/>
. Lightweight, cost effective materials, components & structures	X 2206	<input type="checkbox"/>	/	<input type="checkbox"/>
. Machining/processing of materials	X 2207	<input type="checkbox"/>	/	<input type="checkbox"/>
. Advanced joining (welding, brazing)	X 2208	<input type="checkbox"/>	/	<input type="checkbox"/>
. Laser cutting/drilling	X 2209	<input type="checkbox"/>	/	<input type="checkbox"/>
. Repair technology (for metal)	X 2210	<input type="checkbox"/>	/	<input type="checkbox"/>
. Rivets	X 2213	<input type="checkbox"/>	/	<input type="checkbox"/>
. Aluminium-Lithium	X 2215	<input type="checkbox"/>	/	<input type="checkbox"/>
. Damage tolerant CFKP-structures	X 2216	<input type="checkbox"/>	/	<input type="checkbox"/>
. CFKP primary structures	X 2217	<input type="checkbox"/>	/	<input type="checkbox"/>
. Fire & crash risk control	X 2218	<input type="checkbox"/>	/	<input type="checkbox"/>
. Crashworthiness of structure	X 2219	<input type="checkbox"/>	/	<input type="checkbox"/>
. Titanium structures (landing gear)	X 2222	<input type="checkbox"/>	/	<input type="checkbox"/>

Propulsion O / R

. Numerical aero-thermodynamics	X 2301	<input type="checkbox"/>	/	<input type="checkbox"/>
. Turbo-machinery performance	X 2302	<input type="checkbox"/>	/	<input type="checkbox"/>
. Medium and high-temperature materials	X 2303	<input type="checkbox"/>	/	<input type="checkbox"/>
. Structural optimisation	X 2304	<input type="checkbox"/>	/	<input type="checkbox"/>
. Smart control system & design	X 2305	<input type="checkbox"/>	/	<input type="checkbox"/>
. Systems/sensors for measurements	X 2306	<input type="checkbox"/>	/	<input type="checkbox"/>
. Engine health monitoring	X 2307	<input type="checkbox"/>	/	<input type="checkbox"/>
. Rotorcraft propulsion systems.	X 2308	<input type="checkbox"/>	/	<input type="checkbox"/>

Systems and equipment O / R

. Cockpit displays	X 2401	<input type="checkbox"/>	/	<input type="checkbox"/>
. Data entry devices	X 2402	<input type="checkbox"/>	/	<input type="checkbox"/>
. Multimedia systems	X 2403	<input type="checkbox"/>	/	<input type="checkbox"/>
. Systems integration simulation	X 2404	<input type="checkbox"/>	/	<input type="checkbox"/>
. "More electric aircraft"	X 2405	<input type="checkbox"/>	/	<input type="checkbox"/>
. Actuators, electrically powered	X 2407	<input type="checkbox"/>	/	<input type="checkbox"/>
. Actuators, electro-hydraulic	X 2408	<input type="checkbox"/>	/	<input type="checkbox"/>
. Smart Actuators	X 2409	<input type="checkbox"/>	/	<input type="checkbox"/>

. Smart systems (fans, pumps, actuators)	X 2410	<input type="checkbox"/>	/	<input type="checkbox"/>
. Low -power demanding flight control systems	X 2412	<input type="checkbox"/>	/	<input type="checkbox"/>
. Drive units, speed-variable (motors)	X 2413	<input type="checkbox"/>	/	<input type="checkbox"/>
. Fuel valves and pumps	X 2414	<input type="checkbox"/>	/	<input type="checkbox"/>
. Fuel measurement	X 2417	<input type="checkbox"/>	/	<input type="checkbox"/>
. Microsystems Technology mech./electrical)	X 2418	<input type="checkbox"/>	/	<input type="checkbox"/>
. Sensor technology	X 2420	<input type="checkbox"/>	/	<input type="checkbox"/>
. Standardisation for modular software	X 2421	<input type="checkbox"/>	/	<input type="checkbox"/>
. Computing platforms	X 2422	<input type="checkbox"/>	/	<input type="checkbox"/>
. Data bus technology	X 2424	<input type="checkbox"/>	/	<input type="checkbox"/>
. Electromagn. Susceptibility & Compatibility	X 2427	<input type="checkbox"/>	/	<input type="checkbox"/>

Configuration & interdisciplinary aspects O / R

. Multidisciplinary airframe-engine integration	X 2501	<input type="checkbox"/>	/	<input type="checkbox"/>
. Static & dynamic aeroelastic phenomena	X 2502	<input type="checkbox"/>	/	<input type="checkbox"/>

ENVIRONMENTAL FRIENDLINESS OF AIRCRAFT

Low pollutant emissions O / R

. Low -NOx combustors	X 3101	<input type="checkbox"/>	/	<input type="checkbox"/>
. Efficient combustion systems	X 3103	<input type="checkbox"/>	/	<input type="checkbox"/>
. Engine exhaust gas emissions reduction	X 3104	<input type="checkbox"/>	/	<input type="checkbox"/>

External Noise O / R

. Reduction of aerodyn. noise (low speed)	X 3201	<input type="checkbox"/>	/	<input type="checkbox"/>
. Active noise and vibration control	X 3202	<input type="checkbox"/>	/	<input type="checkbox"/>
. Modelling of airframe noise	X 3203	<input type="checkbox"/>	/	<input type="checkbox"/>
. Landing gear optimisation	X 3203	<input type="checkbox"/>	/	<input type="checkbox"/>

Cabin Environment O / R

. Ergonomic design	X 3301	<input type="checkbox"/>	/	<input type="checkbox"/>
. Noise control, active systems	X 3302	<input type="checkbox"/>	/	<input type="checkbox"/>
. Cabin environment and thermal comfort	X 3303	<input type="checkbox"/>	/	<input type="checkbox"/>
. Occupants safety concepts	X 3304	<input type="checkbox"/>	/	<input type="checkbox"/>
. Cabin Systems, new cabin technologies	X 3305	<input type="checkbox"/>	/	<input type="checkbox"/>
. Data Servers – cabin	X 3309	<input type="checkbox"/>	/	<input type="checkbox"/>
. Communication Systems (e.g. fibre optics)	X 3309	<input type="checkbox"/>	/	<input type="checkbox"/>
. Entertainment Systems	X 3311	<input type="checkbox"/>	/	<input type="checkbox"/>
. Passive/active seat control	X 3313	<input type="checkbox"/>	/	<input type="checkbox"/>

IMPROVING OPERATIONAL CAPABILITY AND SAFETY OF AIRCRAFT

ATM related air borne systems O / R

. Airborne navigation systems	X 4101	<input type="checkbox"/>	/	<input type="checkbox"/>
. Crew assistance systems	X 4102	<input type="checkbox"/>	/	<input type="checkbox"/>
. Communication with ATM & Operations	X 4103	<input type="checkbox"/>	/	<input type="checkbox"/>
. Data Link management	X 4104	<input type="checkbox"/>	/	<input type="checkbox"/>
. Data transfer technology	X 4105	<input type="checkbox"/>	/	<input type="checkbox"/>
. Automatic dependent surveillance	X 4106	<input type="checkbox"/>	/	<input type="checkbox"/>

Operational Maintenance O / R

. Smart maintenance systems	X 4201	<input type="checkbox"/>	/	<input type="checkbox"/>
. Design for maintainability	X 4202	<input type="checkbox"/>	/	<input type="checkbox"/>
. Maintenance free systems	X 4203	<input type="checkbox"/>	/	<input type="checkbox"/>
. Systems diagnosis	X 4204	<input type="checkbox"/>	/	<input type="checkbox"/>
. In-flight systems monitoring	X 4205	<input type="checkbox"/>	/	<input type="checkbox"/>
. Fault-tolerant systems	X 4207	<input type="checkbox"/>	/	<input type="checkbox"/>
. Systems and sensors for monitoring	X 4209	<input type="checkbox"/>	/	<input type="checkbox"/>
. Repair technology	X 4210	<input type="checkbox"/>	/	<input type="checkbox"/>

Accident prevention O / R

. Anti-Icing technologies	X 4301	<input type="checkbox"/>	/	<input type="checkbox"/>
. Situation awareness	X 4302	<input type="checkbox"/>	/	<input type="checkbox"/>
. Man/machine interaction/crew performance	X 4304	<input type="checkbox"/>	/	<input type="checkbox"/>

Accident Survivability O / R

. Crash safety equipment	X 4402	<input type="checkbox"/>	/	<input type="checkbox"/>
. Passive/active occupant safety equipment	X 4403	<input type="checkbox"/>	/	<input type="checkbox"/>
. Medical in-flight emergency systems	X 4404	<input type="checkbox"/>	/	<input type="checkbox"/>
. Fire prevention	X 4405	<input type="checkbox"/>	/	<input type="checkbox"/>
. Crash response loads on occupants	X 4406	<input type="checkbox"/>	/	<input type="checkbox"/>

➔ **Optional page ! May be completed if a project idea already exists!** ←

40 Project Idea Definition - Optional		
<p>Co-operation with other European firms is often based on common or complementary technological interests. To find a partner for a joint RTD project, you may express your technical interest hereafter. Your project idea (Technology Project) will be included in the AeroSME database.</p> <p>Please copy this page if you would like to submit more than one project idea.</p>		
Please specify below the contact person for your Project Idea		
41A Organisation		41B Internet site
42 RTD Contact Name	43 Department / Position	
44 Postal Code	45 City	46 Country
47 Telephone	48 Fax	49 E-mail
50A Title of Project Idea		
50B Website for Info		
Status of technology	Technology is offered <input type="checkbox"/> requested (needed) <input type="checkbox"/>	
51 Technologies requested or involved	Please identify technologies involved in your RTD project: <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">X <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px;">X <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px;">X <input type="checkbox"/></div> <div style="border: 1px solid black; padding: 2px;">X <input type="checkbox"/></div> </div>	
	Select key form table Technologies - Offers and Requests , see page 5!	
52A Other technologies involved ? (Max. 200 Characters)		
53 Expiration of Project Idea:		
54 Abstract (max. 600 characters)		
55 Type of project (select only one option)	<input type="checkbox"/> CRAFT <input type="checkbox"/> STREP <input type="checkbox"/> Integrated Project <input type="checkbox"/> Joint Venture <input type="checkbox"/> Marketing <input type="checkbox"/> Other, specify:	
56 Type of Partner wanted: (select only one option)	<input type="checkbox"/> Small and Medium Enterprise <input type="checkbox"/> RTD Performer <input type="checkbox"/> Other:	
57 Date/Signature:		

You have now completed the AeroSME Registration Form! For more information, visit the AeroSME website at www.aerosme.com or enter your request here!

<input type="checkbox"/> Please call me
Further comments:
Please indicate how you came in contact with the AeroSME Project (e.g. workshop, Nat. Assoc., internet). Were you invited to register by one of the following support actions (Don Q Air, ECARE+, SCRATCH)?

I confirm that I am entitled to release the information provided in the AeroSME Registration Form. I understand that the data will be stored electronically and will be publicised in order to find partners for EU research projects.

Name and Position:	Company:
Signature:	Date:

Please return Registration Form to the AeroSME Helpdesk in Brussels.

Project co-ordination: **AeroSME Project Office**
 ASD – AeroSpace and Defence Industries
 Association of Europe
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Frequently Asked Questions

- | | |
|--|--|
| Who may participate? | Registration and support provided by AeroSME is open to all companies and research organisations, but particularly to aeronautics related Small and Medium -Size Enterprises in Europe. All FP6 associated countries are welcome! |
| What does it cost? | The service provided by AeroSME is free of charge. Registration with AeroSME is independent of any membership of ASD. There are no obligations or commitments implied. |
| Data confidentiality | Due to the need to perform partner search activities, data is needed to find other interested partners and will be made available to other organisations. Information will not be provided to third party organisations as a whole. |
| Who runs AeroSME? | AeroSME is a joint activity between National Points of Contact, the National Aeronautical Trade Associations, AeroSpace and Defence Industries Association of Europe (ASD) and the European Commission, Research Directorate General. The AeroSME Project Office is located at ASD in Brussels. The project manager is Ms. Paola Chiarini. |
| What is the SME definition? | In Europe an SME – small and medium -sized enterprise – has less than 250 employees, less than €50 million turnover or an annual balance of less than €43 million and is either an autonomous, linked or partner enterprise. Participation in AeroSME is not limited to SMEs! |
| What are CRAFT and Collective Research? | CRAFT projects (which have a budget from 0.5 to 2 M€, and a duration 1 to 2 years) bring together SMEs and R TD institutions . Any other enterprise may participate in the project. Minimum of three SMEs are required to build a CRAFT project. In Collective Research Projects SME groupings or associations may participate. |
| What are STREPs? | Specific targeted research projects are intended to gain new knowledge either to improve or develop new products, processes or services or to meet other needs of society and Community policies within a consortium of no less than three partners and a duration of typically 3 years. |
| What are Integrated Projects? | Integrated projects (IPs) are medium to high scale objective-driven research projects with a duration of typically 3-5 years and no less than 3 partners from 3 different Member or Associated States. |

Visit the AeroSME homepage: www.aerosme.com

REGISTRATION FORM

Version 2005- FP6

List of Products



With the Support of the
European Commission



AeroSpace and Defence
Industries Association of Europe

AeroSME Product Sub-Categories

Please tick the appropriate box to specify your Product Category selected on page 4 of the AeroSME Registration Form. **Maximum 4 main Product Sub-Categories!!**

P5000 ATC, Communication Systems & Components

- P5001 Air Traffic Control Equipment
- P5002 Air Traffic Control Systems
- P5003 Antennas
- P5004 Communications Systems & Equipment
- P5005 Dehumidifying Equipment & Chemicals
- P5006 Distance Measuring Equipment (DME)
- P5007 Doppler Equipment
- P5008 Emergency Locators
- P5009 Global Positioning System
- P5010 Ground Station Equipment
- P5011 Handsets, Interphone, Radio
- P5012 Intercommunications Systems
- P5013 Landing Guidance Systems
- P5014 Landing Systems, All Weather
- P5015 Microwave Components & Subsystems
- P5016 Multiplexers
- P5017 Navigation Aids, Radio, Ground, Ship-Based
- P5018 Navigation Systems
- P5019 Passenger Briefing Systems & Equipment
- P5020 Radar
- P5021 Radio Communications Equipment, Airborne/Spaceborne
- P5022 Radio Frequency Management Systems
- P5023 Radiophone
- P5024 Recorders
- P5025 Remote Positioning Systems
- P5026 Repeaters
- P5027 Rescue Equipment
- P5028 Telemetry Equipment
- P5029 Telephone, Air/Ground

P5100 Aircraft Operating & Control Systems

- P5101 Air Start Systems
- P5102 Alarm Systems
- P5103 Anti-Icing Equipment
- P5104 Anti-Skid Systems
- P5105 Bleed Air Systems
- P5106 Booms
- P5107 Cargo Systems/Components, Aircraft
- P5108 Cooling Equipment
- P5109 Environmental Control Systems
- P5110 Fire Fighting Equipment

- P5111 Flaps
- P5112 Fuel Cells
- P5113 Fuel Control Systems
- P5114 Fuel Systems & Equipment
- P5115 Fuel Tanks
- P5116 Gearboxes, Aircraft
- P5117 Generators, Electrical
- P5118 Generators, Engine-Driven
- P5119 Helicopter Accessories
- P5120 Ice Protection/Prevention Equipment
- P5121 Life Support Systems
- P5122 Lightning Protection Systems
- P5123 Noise Monitoring Systems, Aircraft
- P5124 Parachutes & Systems
- P5125 Pitot-Static Systems
- P5126 Platforms, Gyro-Stabilized
- P5127 Power Distribution Equipment
- P5128 Pressurization Systems
- P5129 Reconnaissance Equipment
- P5130 Refuelling Equipment
- P5131 Remote Sensing Systems, Airborne/Spaceborne
- P5132 Rescue Equipment
- P5133 Sensors, Security
- P5134 Separation Systems
- P5135 Steering Systems
- P5136 Targets, Aerial
- P5137 Thermal Imaging Equipment
- P5138 Tires
- P5139 Valves

P5200 Airframes & Components

- P5201 Anti-Vibration Equipment
- P5202 Airframes
- P5203 Aircraft Equipment
- P5204 Actuators
- P5205 Air Ships
- P5206 Aircraft
- P5207 Dischargers, Static
- P5208 Doors
- P5209 Drones
- P5210 Fairings
- P5211 Flaps
- P5212 Helicopters
- P5213 Hovercraft
- P5214 Kits
- P5215 Missiles
- P5216 Molding
- P5217 Nose Cones
- P5218 Pylons
- P5219 Radomes
- P5220 Remotely Piloted Vehicles (RPV)
- P5221 Satellites
- P5222 Servo Mechanisms

- P5223 Servo Systems
- P5224 Servoactuators, Rudder
- P5225 Space Platform
- P5226 Spacecraft
- P5227 Spares/Replacement Parts
- P5228 Tanks & Pressure Vessels
- P5229 Ultralights
- P5230 Unmanned Aerial Vehicles
- P5231 Wings

P5300 Avionics Systems, Instruments & Components

- P5301 Altimeters
- P5302 Attenuators, Avionic
- P5303 Autopilots
- P5304 Avionics Equipment
- P5305 Beacons Locator
- P5306 Collision Avoidance Systems
- P5307 Compasses
- P5308 Computers, Air Data
- P5309 Computers, Navigation, Avionic
- P5310 Controls, Avionics
- P5311 Direction Finders, Automatic
- P5312 Displays
- P5313 Distance Measuring Equipment (DME)
- P5314 FLIR Systems
- P5315 Fans
- P5316 Flight Control System, Automatic
- P5317 Flight Information Systems
- P5318 Flight Instrument Systems, Electronic (EFIS)
- P5319 Gauging Equipment
- P5320 Global Positioning System
- P5321 Gyroscopes
- P5322 Indicators, Fault Isolating
- P5323 Inertial Components & Systems
- P5324 Infrared Equipment
- P5325 Instrument Landing Systems, Airborne
- P5326 Interrogators, IFF
- P5327 Landing Guidance Systems, Receivers,
- P5328 Monitors, CRT
- P5329 Navigation Aids, Inertial
- P5330 Navigation Receivers, Radio, Airborne
- P5331 Navigation Systems
- P5332 Navigation/Communication Equipment
- P5333 Power Conversion
- P5334 Precoolers
- P5335 Proximity Warning Indicator
- P5336 Racks, Avionic & Electronic Equipment
- P5337 Radar, Airborne
- P5338 Sensors/Transducers
- P5339 Stall Warning
- P5340 Transponders, Radar
- P5341 Warning Systems/Equipment
- P5342 Wind Shear Warning System,

Airborne

P5400 Chemicals

- P5401 Adhesion Promoters
- P5402 Anti-Fogging Compound
- P5403 Anti-Freeze Coolants
- P5404 Anti-Icing Chemicals
- P5405 Chemical Milling
- P5406 Coolants & Refrigerants
- P5407 Corrosion Inhibitors
- P5408 Corrosion Preventive Compounds
- P5409 Degreasing Chemicals
- P5410 Dehumidifying Equipment & Chemicals
- P5411 Fire Retardants
- P5412 Hydraulic Fluids
- P5413 Liquid Oxygen
- P5414 Lubricants
- P5415 Odor Control Chemicals
- P5416 Propellants
- P5417 Rain Repellents
- P5418 Sealants
- P5419 Silicones
- P5420 Solvents
- P5421 Surfactants
- P5422 Water Treatment Chemicals
- P5423 Wetting Agents

P5500 Coatings & Paints

- P5501 Coating Removal Equipment
- P5502 Coatings
- P5503 Electrostatic Spray Equipment
- P5504 Lacquers
- P5505 Livery
- P5506 Paint Application Equipment
- P5507 Paint Application Services
- P5508 Powder Coatings
- P5509 Rain Protection Systems
- P5510 Stripping, Paint

P5600 Composites

- P5601 Carbon Fiber
- P5602 Composite Reinforcements
- P5603 Composite Repair Service
- P5604 Composite Repair Systems/Equipment
- P5605 Composites, Boron-Reinforced
- P5606 Composites, Ceramic
- P5607 Composites, Cutting Equipment
- P5608 Composites, Design Consultants
- P5609 Composites, Glass-Reinforced
- P5610 Composites, Graphite-Reinforced
- P5611 Composites, Kevlar-Reinforced
- P5612 Composites, Manufacturing Services
- P5613 Composites, Manufacturing Supplies
- P5614 Composites, Metal Matrix

- P5615 Composites, Nickalon-Reinforced
- P5616 Composites, Nylon-Reinforced
- P5617 Composites, Polymer
- P5618 Composites, Polymer, Manufacturing Equipment
- P5619 Composites, Polymer, Manufacturing Services
- P5620 Composites, Reinforced Molding Compounds
- P5621 Composites, Resins
- P5622 Composites, Silicon Carbide-Reinforced
- P5623 Composites, Silicon Nitride-Reinforced
- P5624 Composites, Subcontracted Parts
- P5625 Composites,
- P5626 Tyranno-Reinforced
- P5627 Epoxy
- P5628 Extrusions
- P5629 Honeycomb
- P5630 Potting Compounds
- P5631 Pre-Preg Materials
- P5632 Preforms
- P5633 Resins
- P5634 Sandwich Structures
- P5635 Tubing

P5700 Computer Software/ Services & Databases

- P5701 Computer Data Base
- P5702 Computer-Aided Systems
- P5703 Computer-Integrated Manufacturing (CIM)
- P5704 Engine Monitoring
- P5705 Internet-Based Business Services
- P5706 On-Line Parts Exchange
- P5707 Remote Sensing Data, Space

P5800 Electrical & Electronic Components & Hardware

- P5801 Batteries
- P5802 Cable Assemblies
- P5803 Connector Accessories
- P5804 Control Equipment, Electronic
- P5805 Electrical Equipment
- P5806 Electromagnetic Control Equipment (EMC)
- P5807 Electromagnetic Pulse (EMP) Protectors
- P5808 Electrostatic Discharge Control/Prevention
- P5809 Generators, Electrical
- P5810 Power Conversion
- P5811 Power Distribution Equipment
- P5812 Solenoids
- P5813 Switches
- P5814 Transformers
- P5815 Wire & Cable

P5900 Engines & Engine Components (including propellers & rotorblades)

- P5901 Anti-Vibration Equipment
- P5902 Auxiliary Power Units
- P5903 Blades, Helicopter Rotor
- P5904 Blades, Turbine Engine
- P5905 Carburetors, Aircraft
- P5906 Cartridge & Propellant Actuated Devices
- P5907 Cartridges, Starter
- P5908 Cases
- P5909 Chokes
- P5910 Clutches
- P5911 Combustion Chambers
- P5912 Combustion Controls
- P5913 Compressors
- P5914 Controls, Engine
- P5915 Crankcases, Engine
- P5916 Cylinders
- P5917 Detectors
- P5918 Diffusers
- P5919 Engine (Jet) Airstart Systems
- P5920 Engine Accessories
- P5921 Engine Components & Parts
- P5922 Engines, Cold Starting Aids
- P5923 Engines, Full Authority Digital Electronic Controls
- P5924 Engines, Gas Turbine
- P5925 Engines, Monitoring Systems
- P5926 Engines, Piston
- P5927 Engines, Pulsejet
- P5928 Engines, Rocket
- P5929 Engines, Used
- P5930 Exhaust Systems
- P5931 Fan Reversers
- P5932 Filters
- P5933 Filtration, Activated Carbon
- P5934 Gaskets
- P5935 Gear Box Assemblies
- P5936 Gearboxes, Aircraft
- P5937 Generators, Gas
- P5938 Governors
- P5939 Heat Exchangers
- P5840 Hush Kits, Aircraft Engine
- P5841 Ignition Systems/Starters
- P5942 Impellers
- P5943 Injection Systems
- P5944 Injectors
- P5945 Intercoolers
- P5946 Magnetos & Parts
- P5947 Manifolds/DuctsMeters
- P5948 Monitoring Equipment & Systems
- P5949 Mufflers
- P5950 Nacelles
- P5951 Nozzles
- P5952 O Rings/Glands
- P5953 Oil Coolers
- P5954 Oil Tanks, Engine
- P5955 Piston Rings

- P5956 Precoolers
- P5957 Propellers
- P5958 Quadrants, Engine Control
- P5959 Reversers, Thrust
- P5960 Shock Absorbers/Mounts
- P5961 Slipping Assemblies
- P5962 Spark Plugs
- P5963 Spinners, Propeller
- P5964 Starter-Generator
- P5965 Starters, Turbine Engine
- P5966 Turbochargers

6000 Flight Crew/Ground Crew/Passenger Supplies & Services

- P6001 Eye Protection
- P6002 First Aid Equipment
- P6003 Gloves
- P6004 Goggles
- P6005 Harnesses
- P6006 Headsets
- P6007 Hearing Protection
- P6008 Helmets
- P6009 Inflatable Restraint Systems
- P6010 Masks
- P6011 Medical Equipment/Supplies
- P6012 Night Vision Devices
- P6013 Parachutes & Systems
- P6014 Passenger Supplies, Inflight
- P6015 Pilot Supplies
- P6016 Pyrotechnics
- P6017 Respirators
- P6018 Safety Equipment
- P6019 Seat Belts
- P6020 Suits, Pressure
- P6021 Survival Systems & Equipment

P6100 Hardware Hydraulic/Pneumatic Equipment & Components

- P6101 Adapters, Cable & Hose
- P6102 Bearings
- P6103 Brackets
- P6104 Bushings
- P6105 Cable
- P6106 Cable Assemblies
- P6107 Fasteners

P6200 Inflatables

- P6201 Evacuation Systems & Equipment
- P6202 Flotation Gear
- P6203 Life Preservers
- P6204 Life Rafts
- P6205 Slides
- P6206 Slides, Equipment Rack

P6300 Interior Equipment & Furnishings

- P6301 Audio Equipment, Airborne
- P6302 Bags
- P6303 Bins, Storage
- P6304 Blowers
- P6305 Cabin Systems, Aircraft
- P6306 Cabinets
- P6307 Connectors, Electrical-Electronic
- P6308 Controls, Panel
- P6309 Crew Rest Modules
- P6310 Curtains
- P6311 Displays
- P6312 Doors
- P6313 Ejection Systems
- P6314 Entertainment, In-Flight
- P6315 Galleys/Galley Equipment
- P6316 Interior Design, Aircraft
- P6317 Lavatory Equipment
- P6318 Liner Materials
- P6319 Noise Reduction & Control
- P6320 Passenger Briefing Systems & Equipment
- P6321 Passenger Service Units (PSUs)
- P6322 Refrigerators
- P6323 Restraints
- P6324 Safes & Secure Containers
- P6325 Seat Belts
- P6326 Seat Covers
- P6327 Seats, Aircraft
- P6328 Sound Suppressors
- P6329 Television Systems & Equipment
- P6330 Toilets
- P6331 Tracks, Aircraft Seating
- P6332 Upholstery
- P6333 Water Conditioning Equipment

P6400 Landing Gear/Wheels & Brakes

- P6401 Bead Breakers, Tire
- P6402 Brake Lining
- P6403 Brakes
- P6404 Floats
- P6405 Hub Assemblies
- P6406 Landing Gear
- P6407 Landing Gear Controls
- P6408 Mounts
- P6409 L.G. Shock Absorbers/Mounts
- P6410 Skis, Aircraft
- P6411 Tire Changing Equipment
- P6412 Tire Pressure Monitors
- P6413 Tire Retreading
- P6414 Tire Tubes
- P6415 Tubes, Rubber, Aircraft
- P6416 Wheel & Bearing Protectors
- P6417 Wheels

P6500 Lighting Systems & Equipment

- P6501 Filters
- P6502 Flashers
- P6503 Flashlights
- P6504 Lamp Ballasts, Fluorescent
- P6505 Lamps & Assemblies
- P6506 Lighting Equipment
- P6507 Lighting Systems

P6600 Metals & Metals Services

- P6601 Anodizing Aluminum
- P6602 Brazing Equipment/Materials
- P6603 Brighteners, Plating Baths
- P6604 Brush Plating Services
- P6605 Castings
- P6606 Deburring
- P6607 Machine Parts, Precision
- P6608 Metal & Alloy Forgings
- P6609 Metal Bonding/Joining
- P6610 Metal Finishing/Polishing
- P6611 Metal Stress Relieving Treatment
- P6612 Metal Treatment
- P6613 Metal Working Tools, Sharpening Services
- P6614 Metals & Alloys - Fabricators
- P6615 Metals & Alloys, Suppliers
- P6616 Plating
- P6617 Powder Metallurgy
- P6618 Tanks, Metals Finishing
- P6619 Titanium Aluminide
- P6620 Tube Assemblies
- P6621 Tubing

P6700 Oxygen/Fire Suppression Systems

- P6701 Breathing Equipment
- P6702 Fire Extinguisher
- P6703 Fire Fighting Equipment
- P6704 Fire Protection/Detection Systems
- P6705 Oxygen Equipment
- P6706 Oxygen Generation Systems, Aircraft
- P6707 Oxygen Systems
- P6708 Regulating Equipment, Oxygen and Air
- P6709 Respirators
- P6710 Suppression Systems, Explosion, Flame

P6800 Test & Inspection Equipment

- P6801 Acceleration Test Equipment
- P6802 Accelerometers
- P6803 Calibration Equipment
- P6804 Corrosion Test Equipment

- P6805 Electro Optic Systems & Equipment
- P6806 Gas Sniffers/Detectors
- P6807 Inspection Equipment
- P6808 Instruments, Testing
- P6809 Leak Detectors
- P6810 Measuring Equipment
- P6811 Microwave Test Equipment
- P6812 Monitoring Equipment & Systems
- P6813 Non-destructive Testing Equipment
- P6814 Test Equipment
- P6815 Vacuum Chambers
- P6816 Vibration, Isolators
- P6817 Vibration, Test Equipment
- P6818 Vibrators
- P6819 Weighing Equipment
- P6820 Wind Tunnels
- P6821 X-Ray Equipment

P6900 Tools & Machines

- P6901 Adhesive Application Equipment
- P6902 Bar Code Reading Equipment
- P6903 Cadmium Plating
- P6904 Coding Equipment
- P6905 Composite Repair Systems/Equipment
- P6906 Composites, Cutting Equipment
- P6907 Composites, Polymer, Manufacturing Equipment
- P6908 Dehumidifying Equipment & Chemicals
- P6909 Dehydrating
- P6910 Demagnetizing Equipment
- P6911 Demineralizing Equipment
- P6912 Dies
- P6913 Electrical Discharge Machining (EDM)
- P6914 Electron Beam Equipment
- P6915 Fastening Tools/Equipment
- P6916 Forming Equipment
- P6917 Injection Molding
- P6918 Labelling Equipment
- P6919 Lubricating Equipment
- P6920 Machine Tools
- P6921 Machinery, Controlled
- P6922 Marking Equipment
- P6923 Molds
- P6924 Nonabrasive Finishing Equipment
- P6925 Riveting Equipment
- P6926 Sealant Equipment

P7000 Training Equipment & Services

- P7001 Manuals
- P7002 Simulation System Components
- P7003 Simulation Systems
- P7004 Targets, Aerial
- P7005 Training Equipment

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- P7006 Training Services

P7100 Windows/Windshields/Transparencies

- P7101 Canopies, Transparent
- P7102 Canopy Removal Systems, Emergency
- P7103 Faceplates, Helmet
- P7104 Glareshields
- P7105 Glass
- P7106 Sunscreens
- P7107 Visors
- P7108 Windows
- P7109 Windshield Wipers
- P7110 Windshields

P7200 Consultant Service

- P7201 Aircraft Design
- P7202 Certification Services
- P7203 Concurrent Engineering
- P7204 Consultants, Technical/Scientific
- P7205 Engine Design
- P7206 Engineering, Aircraft
- P7207 Engineering, Human Factors
- P7208 Engineering, Production
- P7209 Engineering, Systems
- P7210 Engineering, Support Services
- P7211 Expert Systems
- P7212 Documentation Services
- P7213 Failure Investigation
- P7214 Information Technology/Data Transfer
- P7215 Interior Design
- P7216 Manufacturing Systems
- P7217 Project Management
- P7218 Safety Evaluations