

NATO AVT PANELİ DEVAM EDEN/YENİ BAŞLAYACAK FAALİYETLER

SIRA NO	FAALİYET KODU	FAALİYET KONUSU	FAALİYET TÜRÜ/DÖNEMİ	DURUMU
1	AVT-380	Ground Vehicle Ride Quality Testing and Analysis with Complex Terrain	RTG (2024-2026)	Devam Eden
2	AVT-381	Maintenance Modeling in UxV Design for Improved Readiness & Endurance	RTG (2024-2026)	Devam Eden
3	AVT-382	Dynamic Reconfigurable Mission Planning for Improved Readiness of Autonomous Military Vehicles	RTG (2024-2026)	Devam Eden
4	AVT-383	Paint removal test protocol and application guidelines	RTG (2024- 2026)	Devam Eden
5	AVT-386	Assessment of vortex-vortex interaction and cavitation inception	RTG (2024- 2026)	Devam Eden
6	AVT-387	Common Research Wind Tunnels for CFD Verification and Validatio	RTG (2024-2026)	Devam Eden
7	AVT-388	Operation of Unmanned Aerial Vehicles (UAVs) in Icing Environments	RTG (2024- 2026)	Devam Eden
8	AVT-389	Understanding Risk due to Reynolds Scaling Effects on the Stability and Control for Future Combat Aircraft Development	RTG (2024- 2026)	Devam Eden
9	AVT-390	Vortex Flow Predictions for Stability and Control of Missile Airframes	RTG (2024- 2026)	Devam Eden
10	AVT-392	Assessment of numerical methods for complex flow over marine control surfaces	RTG (2024- 2026)	Devam Eden
11	AVT-395	Enhanced weapons performance through new energetic molecules/formulations/processing	RTG (2024- 2026)	Devam Eden
12	AVT-399	Assessment of Experiments and Prediction Methods for Naval Ship Transient Maneuvers in Calm Water and Waves	RTG (2025- 2027)	Devam Eden
13	AVT-MSG-401	Aumented Reality in land operations: Balancing risks and chances in technical and human systems challenges	RTG (2025- 2027)	Devam Eden
14	AVT-402	Active Flow Control Applied to Air Inlets for High-Speed Propulsion Systems	RTG (2025-2027)	Devam Eden
15	AVT-HFM-403	Mitigation, Remediation and Risk Management for NATO Members	RTG (2024-2027)	Devam Eden
16	AVT-404	Enhanced Design Processes of Military Vehicles through Machine Learning	RTG (2025-2027)	Devam Eden
17	AVT-SCI-405	Conceptual Aggregated Design of Hypersonic Glide Vehicle (HGV)	RTG (2024- 2026)	Devam Eden
18	AVT-406	Innovative Solutions for Micro-Propulsion Systems for Small Spacecraft	RTG (2024- 2026)	Devam Eden

SIRA NO	FAALİYET KODU	FAALİYET KONUSU	FAALİYET TÜRÜ/DÖNEMİ	DURUMU
19	AVT-408	Cooperative Demonstration of Technology: Autonomous Mobility Assessment for Military Ground Systems	RTG (2024- 2026)	Devam Eden
20	AVT-410	End-2-End NG-NRMM Demonstration with Autonomous Assist Systems	RTG (2024- 2026)	Devam Eden
21	AVT-413	Physics and modeling of Separated Flows Around Smoothly-Curved Bodies	RTG (2025-2027)	Devam Eden
22	AVT-414	Acoustic Mission Planning and Environmental Impact Analysis for UAS and UCA (<5000kg)	RTG (2025- 2027)	Devam Eden
23	AVT-415	Advanced Noise Reduction Methodologies and Design Efforts for Aircraft	RTG (2025- 2027)	Devam Eden
24	AVT-SET-417	Materials for Thermal Infrared Camouflage – Development and Characterization	RTG (2025- 2027)	Devam Eden
25	AVT-ET-253	Predicting Hypersonic Boundary-Layer Transition in Realistic Conditions	ET (2025)	Devam Eden
26	AVT-ET-257	Design Considerations for Rotating Detonation Engines	ET (2025)	Devam Eden
27	AVT-ET-254	Identification of Remaining Additive Manufacturing Challenges for NATO Operations and Logistics	ET (2025)	Devam Eden
28	AVT-ET-255	Active Flow Control and Buffeting Alleviation for Fighter-Type Configurations	ET (2025)	Devam Eden
29	AVT-ET-256	Stability & Control and Loads Predictions of NATO Military Vehicles	ET (2025)	Devam Eden
30	AVT-ET-258	Experiments & Modelling of High-Reynolds Number External and Internal Turbulent Hypersonic Flows	ET (2025)	Devam Eden
31	AVT-418	Sustaining Energetic Materials Capability for The Future	RTG (2026- 2028)	Planlanan
32	AVT-419	Demonstration of Novel Control Allocation Methods	RTG (2026-2028)	Planlanan
33	AVT-420	End-to-End Framework for Signature Modelling of Advanced Weapons Systems	RTG (2026- 2028)	Planlanan
34	AVT-423	Quantum-aided Design for Military Applications	RTG (O2026- 2028)	Planlanan
35	AVT-424	Mission Led Design of Air Vehicles With Active Flow Control	RTG (2026-2028)	Planlanan
36	AVT-426	Three-Dimensional Unsteady Flow Interactions with Rigid Wings	RTG (2026-2028)	Planlanan
37	AVT-427	Environmental Technologies for Sustainable Live-Fire Military Ranges in a Climate Change Context	RTG (2026-2028)	Planlanan
38	AVT-428	Integration Benefits of Novel Engine Concepts for Future Aircraft	RTG (2025- 2027)	Devam Eden
39	AVT-430	Methods and Tools for Qualification of Advanced/Emerging Propulsion Systems	RTG (2025-2027)	Devam Eden

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40	AVT-431	Digital System Models for Integrated Propulsion, Power & Thermal Systems for Military Aircraft Design and Performance Avaluation	RTG (2025- 2027)	Devam Eden
41	AVT-SET-HFM-SAS-433 (Cross Panel)	Electro-optic scatterometry-application in computational platform signature modelling	RTG (2025- 2027)	Devam Eden

Faaliyetlerin içeriğine ilişkin ilave bilgi ve sorularınız için Fiz.Müh.Şeyda YILMAZ (seyda.yilmaz@msb.gov.tr) ile irtibata geçebilirsiniz.

- *ET-Exploratory Team: Ön Araştırma Timi
- *RTG-Research Task Group: Araştırma Görev Grubu
- *RLS-Research Lecture Series: STO Ders Serisi
- *RSY-Research Symposium: STO Sempozyumu
- *RSM-Research Specialist's Meeting: STO Uzmanlar Toplantısı
- *RWS-Research Workshop: STO Çalıştay
- *RTC-Research Technical Course: STO Teknik Kursu
- *RST-Research Specialist's Team: STO Uzmanlar Timi