

**NATO STO PLATFORM SİSTEMLERİ VE TEKNOLOJİ (PST) TEKNİK
KOMİTESİ FAALİYETLERİ**

SIRA NO	FAALİYET KODU	FAALİYET KONUSU	FAALİYET TÜRÜ/DÖNEMİ	DURUMU
1	AVT-382	Dynamic Reconfigurable Mission Planning for Improved Readiness of Autonomous Military Vehicles	RTG MSM (2024-2026)	Devam Eden Faaliyet
2	AVT-392	Assessment of numerical methods for complex flow over marine control surfaces	RTG PSF (2024-2026)	Devam Eden Faaliyet
3	AVT-399	Assessment of Experiments and Prediction Methods for Naval Ship Transient Maneuvers in Calm Water and Waves	RTG PSF (2025-2027)	Devam Eden Faaliyet
4	AVT-MSG-401	Augmented Reality in land operations: Balancing risks and chances in technical and human systems challenges	RTG MSM (2025-2027)	Devam Eden Faaliyet
5	AVT-402	Active Flow Control Applied to Air Inlets for High-Speed Propulsion Systems	RTG PSF (2025-2027)	Devam Eden Faaliyet
6	AVT-404	Enhanced Design Processes of Military Vehicles through Machine Learning	RTG PSF (2025-2027)	Devam Eden Faaliyet
7	AVT-406	Innovative Solutions for Micro-Propulsion Systems for Small Spacecraft	RTG PPS (2024-2026)	Devam Eden Faaliyet
8	AVT-413	Physics and modeling of Separated Flows Around Smoothly-Curved Bodies	RTG PSF (2025-2027)	Devam Eden Faaliyet
9	AVT-414	Acoustic Mission Planning and Environmental Impact Analysis for UAS and UCA (<5000kg)	RTG PSF (2025-2027)	Devam Eden Faaliyet
10	AVT-415	Advanced Noise Reduction Methodologies and Design Efforts for Aircraft	RTG PSF (2025-2027)	Devam Eden Faaliyet
11	AVT-SET-417	Materials for Thermal Infrared Camouflage – Development and Characterization	RTG MSM (2025-2027)	Devam Eden Faaliyet
12	AVT-428	Integration Benefits of Novel Engine Concepts for Future Aircraft	RTG PPS (2025-2027)	Devam Eden Faaliyet

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13	AVT-430	Methods and Tools for Qualification of Advanced/Emerging Propulsion Systems	RTG PPS (2025-2027)	Devam Eden Faaliyet
14	AVT-431	Digital System Models for Integrated Propulsion, Power & Thermal Systems for Military Aircraft Design and Performance Avaluation	RTG PPS (2025-2027)	Devam Eden Faaliyet
15	AVT-SET-HFM-SAS-433 (Cross Panel)	Electro-optic scatterometry–application in computational platform signature modelling	RTG MSM (2025-2027)	Devam Eden Faaliyet
16	AVT-418	Sustaining Energetic Materials Capability for The Future	RTG PPS (2026-2028)	Devam Eden Faaliyet
17	AVT-419	Demonstration of Novel Control Allocation Methods	RTG PSF (2026-2028)	Devam Eden Faaliyet
18	AVT-420	End-to-End Framework for Signature Modelling of Advanced Weapons Systems	RTG PSF (2026-2028)	Devam Eden Faaliyet
19	AVT-423	Quantum-Aided Design for Military Applications	RTG PSF (2026-2028)	Devam Eden Faaliyet
20	AVT-424	Mission Led Design of Air Vehicles With Active Flow Control	RTG PSF (2026-2028)	Devam Eden Faaliyet
21	AVT-426	Three-Dimensional Unsteady Flow Interactions with Rigid Wings	RTG PSF (2026-2028)	Devam Eden Faaliyet
22	AVT-427	Environmental Technologies for Sustainable Live-Fire Military Ranges in a Climate Change Context	RTG PPS (2026-2028)	Devam Eden Faaliyet
23	AVT-436	Stability & Control and Loads Predictions of NATO Military Vehicles	RTG PSF (2027-2029)	Yeni Başlayacak Faaliyet
24	AVT-437	Modeling and Simulation of Shipboard Uncrewed UAS	RTG PSF (2027-2029)	Yeni Başlayacak Faaliyet
25	AVT-439	Predicting Hypersonic Boundary-Layer Transition in realistic conditions	RTG PSF (2027-2029)	Yeni Başlayacak Faaliyet

SIRA NO	FAALİYET KODU	FAALİYET KONUSU	FAALİYET TÜRÜ/DÖNEMİ	DURUMU
26	AVT-440	Active Flow Control and Buffeting Alleviation for Fighter-Type Configurations	RTG PSF (2027-2029)	Yeni Başlayacak Faaliyet
27	AVT-442	Experiments And Modelling of High-Reynolds Number External and Internal Turbulent Hypersonic Flows	RTG PSF (2027-2029)	Yeni Başlayacak Faaliyet
28	AVT-443	Operationalizing Additive Manufacturing for NATO Operations and Logistics	RTG MSM (2027-2029)	Yeni Başlayacak Faaliyet
29	AVT-444	Life-Cycle Assessment as a Strategic Tool for a Sustainable Defense	RTG MSM (2027-2029)	Yeni Başlayacak Faaliyet
30	AVT-445	Characterization, Modelling and Experimental Analysis of Ablative Materials for High Temperature Applications	RTG MSM (2027-2029)	Yeni Başlayacak Faaliyet
31	AVT-449	Time Critical Strike – a Trade Off for Available and Future Systems	RTG PPS (2027-2029)	Yeni Başlayacak Faaliyet
32	AVT-450	Applications of detonation combustion to military propulsion	RTG PPS (2027-2029)	Yeni Başlayacak Faaliyet
33	AVT-ET-263	Emergent Contaminants from Munitions;PFAS Insentive Explosives, Perchlorates	ET PPS (2026-2027)	Yeni Başlayacak Faaliyet

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