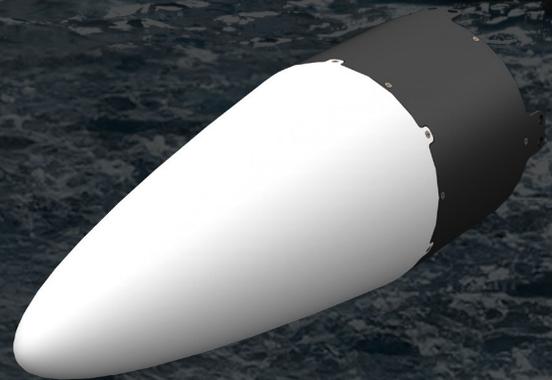




AFFORDABLE SEEKER GUIDANCE

TSC's APEX family of seekers has been designed specifically to support affordable engagements for air defense and strike missions.

These seekers provide target detection, tracking, and guidance in ground, air, and maritime scenarios. By utilizing a software defined backend and designing for affordable mass, APEX Seekers give operators the ability to complete more successful missions with the confidence that comes from a deeper magazine.



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MULTI-MISSION

- Maritime Engagements
- Ground Engagements
- Airborne Engagements

MULTI-PLATFORM

- Loitering Munitions
- Attack UAS
- Missiles
- Glide Bombs
- Ground/Air/Ship Launched

DETERRENCE THROUGH AFFORDABLE MASS

FEATURES

- One solution, many platforms
- Scalable Aperture
- Software Defined, Common Backend
- Low Production Cost
- WOSA
- Integrated Fuzing
- Low-Power Mode
- BIT (Power On / Initiated / Continuous)
- In-Flight Calibration
- Multi-Core processing for expanded mission set

ALGORITHM SUPPORT

- Terminal Guidance
- Guidance Integrated Fuzing
- Doppler Beam Sharpening
- Moving Target Indicator
- Advanced Signal Processing

OPTIONAL ADD-ONS

- Receive Command Guidance Data Link
- Additional Processing Cores
- Enhanced Cybersecurity



SPECIFICATIONS

	APEX-5S*	APEX-5S+*	APEX-6S*
Platform Diameter	< 5.0"	< 5.0"	< 6.0"
Length	< 5.1"	< 5.5"	< 5.1"
Weight	< 4.0 lbs.	< 5.5 lbs.	< 6.0 lbs.
DC Power	300 W	400 W	500 W

*Not Including Radome

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