

MM/APS-705

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Airborne radar

GENERAL

The MM/APS-705 is a multipurpose radar which can be installed on fixed and rotating wing aircraft. The radar main functions are: navigation, search and detection, target localization, target tracking and designation to weapon systems, mapping.

The design and the construction are in full agreement with the environmental and avionics requirements.

Interfaces are provided to ensure the integration with: sonar, doppler navigator, beacon, IFF and ESM. Extractors and TWS units are available for weapon fire control and data transmission. The antenna is

line-of-sight stabilized in roll and pitch. The radar is provided with two transmitters-receivers for frequency diversity operation. The radar can be supported by an automatic test bench "MM/ATE-705" for II level workshop maintenance.

The MM/APS-705 radar can be usefully employed on naval helicopters and maritime patrolling aircraft. Moreover a POD version is available, as option, which can be used as "add on" radar under standard pilons of combat aircraft, to convert them for antiship missions (with A/S launch and forget missiles).

