

## [Aircraft Tracking with Target Tracker iPSC-TR](#)

iMAR GmbH, a leading German manufacturer of inertial measuring systems for navigation, stabilization, surveying, guidance and control, being designed for defence and industrial applications ([www.imar-navigation.de](http://www.imar-navigation.de)), has delivered the first of three high precision target trackers to Rafael Advanced Defence Systems Ltd., Israel. They are used for precise trajectory surveying of aircraft and missiles. These trackers of type iPSC-GP40 substitute - together with the delivered Tracker Control Center iPSC-TR – several elder trackers at Rafael's Weapon Test & Evaluation Center (WTEC).



The advanced design of these trackers allows an operation on-shore (in the Negev desert) as well as off-shore on naval ships. The trackers are therefore equipped also with iMAR's advanced inertial measurement system of type iNAV-RQH to provide best geo-referencing capability at high angular position and stabilization performance. Furthermore each tracker contains a full target video tracking system iOET<sup>2</sup> and allows the implementation of customer applied sensors (cameras, radar antennas etc.).

iMAR provides the capability to manufacture, install and maintain single trackers as well as full tracker range assemblies worldwide and according to customer specification for new installations as well as for form-fit-function replacement of existing systems.

## [About iMAR GmbH](#)

iMAR Navigation, based in St. Ingbert, Germany, where it has its headquarters, development center, environmental and motion test labs and production site (40 engineers and technicians), has extensive experience in conception, development, production and maintenance of inertial measuring and navigation systems destined to a wide range of standard and special applications in various fields like defence, surveying, stabilization, guidance and control. iMAR is certified to ISO9001 and EN9100.

Internet: [www.imar-navigation.de](http://www.imar-navigation.de)

Contact: [sales@imar-navigation.de](mailto:sales@imar-navigation.de)

