

# Multimode Aeronautical Radio Built

Iranian scientists have developed high performance VHF and UHF aeronautical band radio for various purposes in tough electromagnetic environments.

The digital radio which complies with known international standards provides air-to-air and air-to-ground communication and can be installed on all types of fighter jets, cargo planes as well as helicopters to facilitate excellent audio performance, ISNA news agency reported.

Civil aviation authorities can employ this radio in analog mode and utilize its amplitude modulation (AM) or frequency modulation (FM) capabilities.

This will enable the radio to be used in most severe environmental conditions and to serve as a navigation aid in automatic direction finder (ADF) system.

While in VHF mode, the high performance radio can maintain its high sensitivity even while strong, locally-generated signals are present on neighboring channels.

The radio is equipped with built-in test (BIT) and free channel scan (FCS) to facilitate efficient and convenient service as well as upgrades.

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