



Field proven and combat ready



SELEX GALILEO

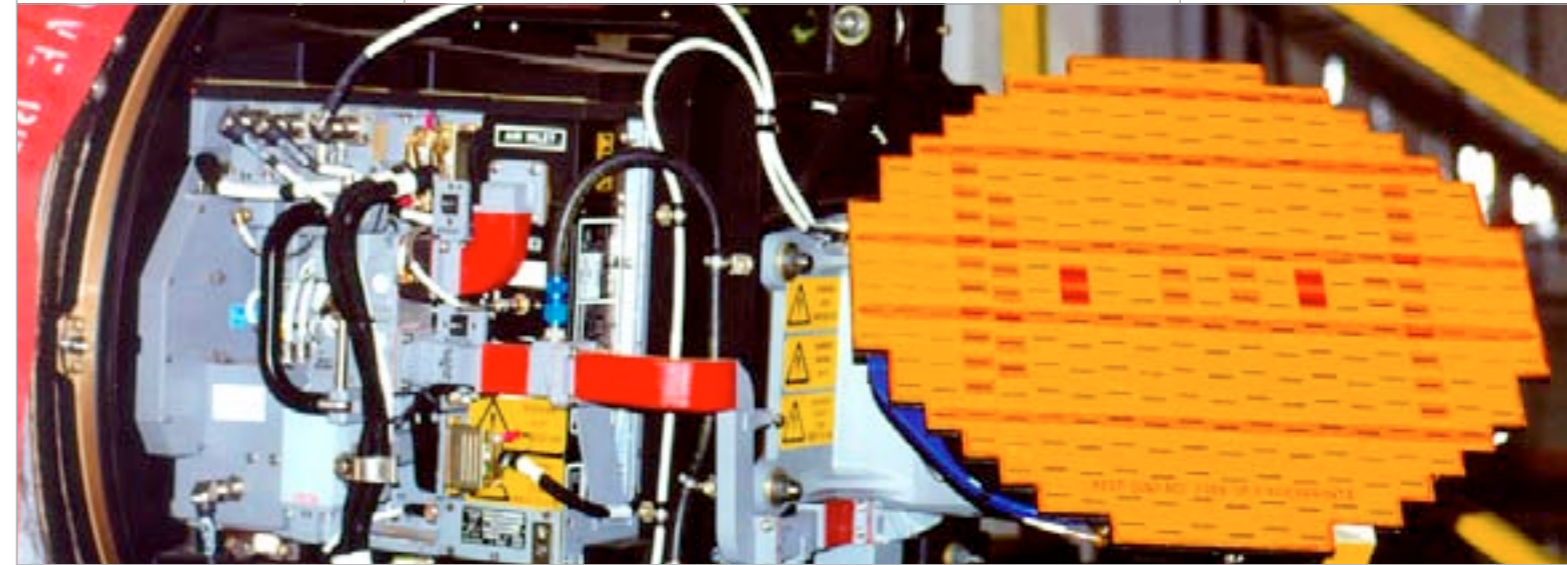
A Finmeccanica Company

- > X-band multimode pulse Doppler radar.
- > High immunity to Electronic Counter Measure.
- > TWT-based transmitter with wideband frequency agility.
- > Monopulse flat plate array antenna with guard channel fully processed.
- > Avionic interface compliant with MIL-STD-1553B or ARINC-429.
- > Simple and proven integration with aircraft avionics.
- > Low life cycle cost, state-of-the-art cost effective solution.
- > Over 100,000 flying hours performed and 450 systems sold.

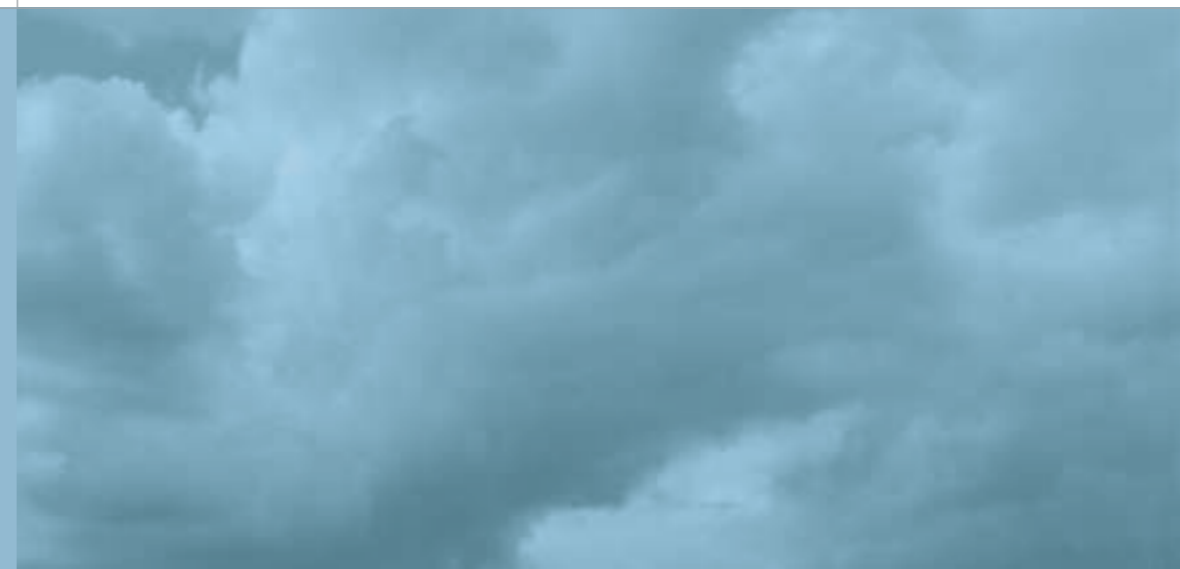
GRIFO Family Fire Control Radar

Situational awareness and precision are critical elements for fighter aircraft.

The identification of threats at long ranges, and the capability to efficiently engage the enemy night and day in all weather conditions are essential to survive in any battlespace scenarios.



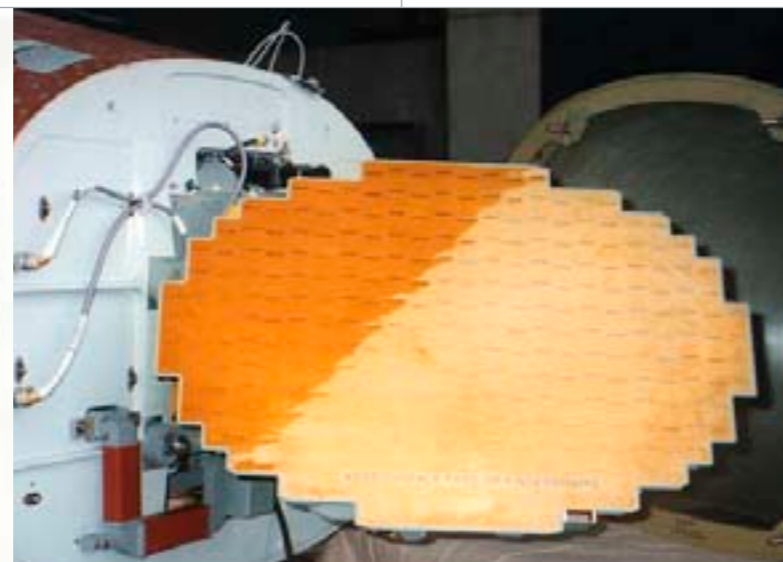
SELEX GALILEO has over 60 years of experience and masters all the technologies involved in radar design, development and production. Leader in the airborne radar market, the company delivers state-of-the-art modular radar systems. With over 450 units sold and 100.000 flight hours the GRIFO family of airborne radars offers advanced performance to new and upgradable aircraft. The class of combat radar products is completed by the lightweight SCP-01.



GRIFO Field proven and combat ready

GRIFO is a coherent, pulse Doppler multimode airborne fire control radar operating in X-band; its modular architecture, with a configurable number of Line Replaceable Units (LRU), enables the installation on many different fighter aircraft.

GRIFO can be easily integrated in modern Avionic Suites, fully interfaced via HOTAS command.

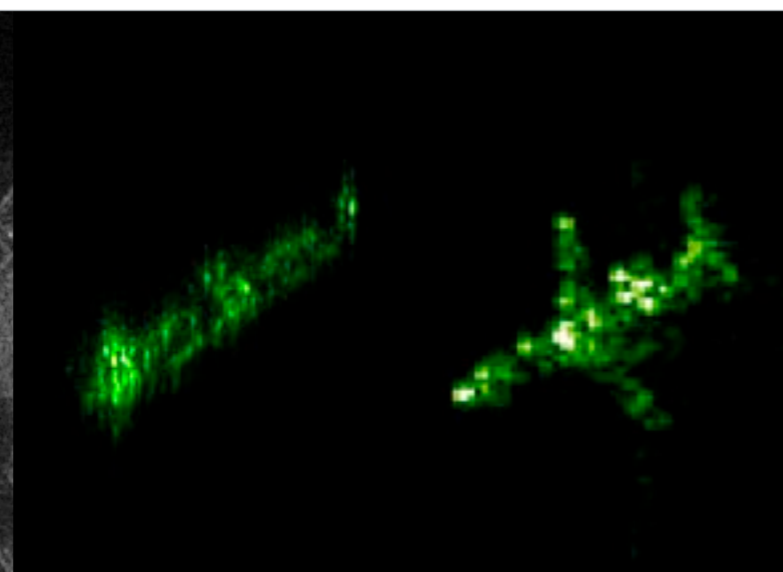
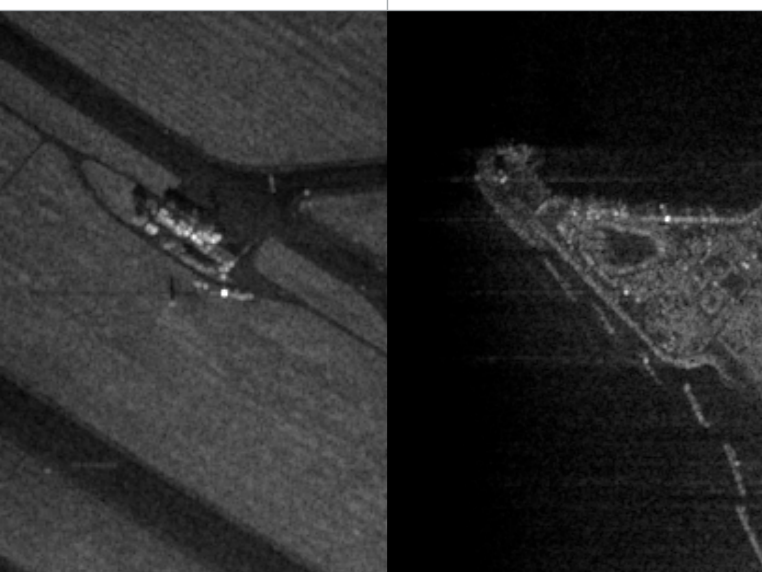


GRIFO family provides search and tracking functions in the air-to-air mode and can be configured for operation in conjunction with semi-active and active missiles. In the look-down air-to-ground mode GRIFO family is capable of ground mapping, ground ranging, and search-and-track of moving surface targets. High resolution modes, both in air-to-air and air-to-surface (ground and sea), and IFF are available in accordance with user's mission requirements.

With a power range from 80 W to over 500 W, always air cooled, and different antenna sizes, the GRIFO family covers a very wide range of operational requirements.

The compact processing unit can easily be positioned wherever convenient place, thus enabling a wide range of aircraft to be considered as potential platforms.

Fully established maintenance and logistics, including training, manuals, field service support and test benches covering Organizational, Intermediate and Depot levels is available.



GRIFO 200 WATT

Is available in different version, all sharing basic characteristics.

GRIFO F

Optimized for installation on Northrop F-5E/F fighter and trainer (operational since 1996). Antenna Size elliptical 56x37 cm.

GRIFO L

The variant purchased by the Czech Air Force to equip its new Aero Vodochody L-159 light attack and trainer. Antenna size elliptical 56x37 cm.



GRIFO M3 and M5

The versions configured for the Dassault Mirage III (in full operation since 2001) and Mirage V. Antenna size circular 47 cm diameter for M3 and 51 cm diameter for M5.

GRIFO F1

The version configured for the Dassault Mirage F1. Antenna size circular 51 cm diameter.

MAIN FEATURES

- > More than 30 different operational modes to support Air-to-Air and Air-to-Surface mission and navigation.
- > Low, medium and high pulse repetition frequency for optimal target detection in any clutter condition.
- > Adaptive pulse compression technology.
- > Scanning coverage $\pm 60^\circ$ in both azimuth and elevation.
- > Air cooling.
- > Weight less than 91 Kg.
- > MTBF (flight guaranteed) over 220 hours.



GRIFO 80 WATT

Is the lighter radar of the family, suitable for aircraft with limited cooling and power supply.

GRIFO 7

The version configured for the CAC F-7P and MIG 21, with a scanning coverage of +/- 10° both in azimuth and elevation.

GRIFO-7PG

The version configured for the CAC F-7PG and MIG 21, with a scanning coverage extended to +/- 30°.

MAIN FEATURES

- > It offers support to Air Combat and ground attack missions.
- > Medium Pulse Repetition Frequency waveform optimizing Look-down capability.
- > Autonomous Air cooling.
- > Weight less than 55 Kg.
- > MTBF (flight guaranteed) over 150 hours.



MAIN FEATURES

- > More than 30 different operational modes offered to support Air-to-Air and Air-to-Surface missions and navigation.
- > Low, Medium and High Pulse Repetition Frequency for optimal target detection in any clutter condition.
- > Adaptive pulse compression technology.
- > Scanning coverage +/-60° in both azimuth and elevation.
- > Air cooling.
- > Weight less than 120Kg.
- > MTBF over 220 hours.

GRIFO 560 WATT RADAR

Is the most powerful component of the GRIFO family.

GRIFO-S1

The version configured for Dassault Mirage F1. Antenna size circular 51 cm diameter.

GRIFO-S5

The version configured for Dassault Mirage V. Antenna size circular 51 cm diameter.

GRIFO-S7

The version selected for the JF-17 aircraft. Antenna size circular 60 cm diameter.

GRIFO-2000/16

The version configured for a pin-to-pin replacement of the APG-66 radar on the F-16 fighter. Antenna size elliptical 74x48cm

