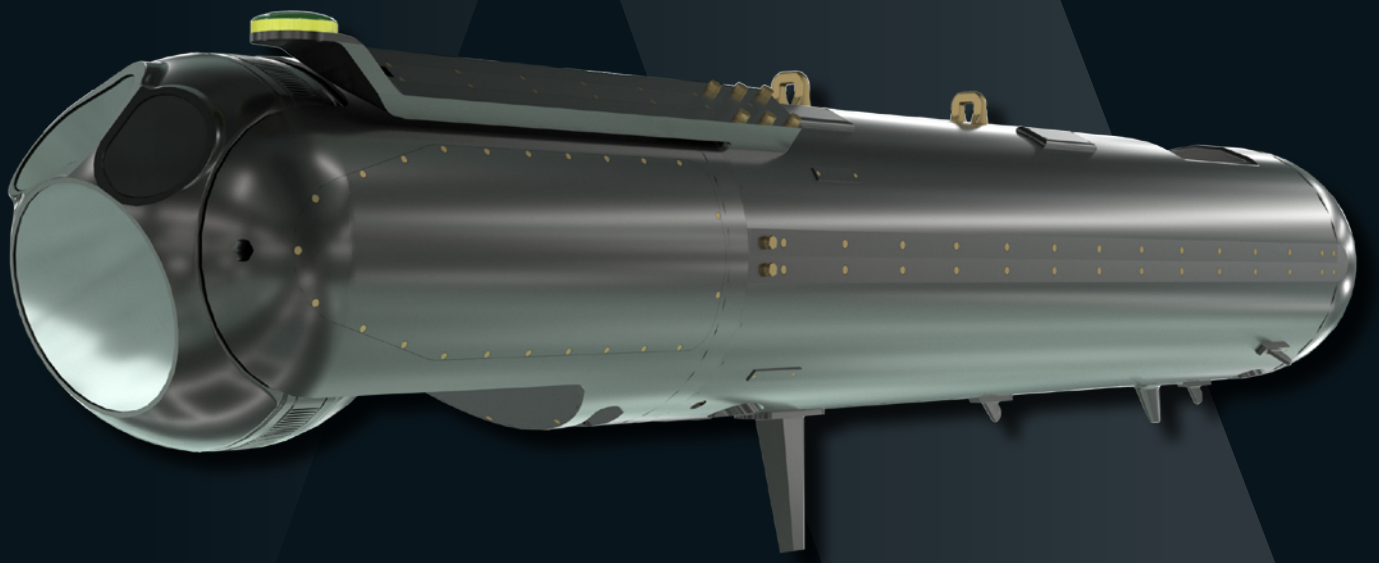
SINAB

PHOENIX POD



EXPLORE THE MOST INNOVATIVE SOLUTION ON THE MARKET FOR JTAC TRAINING

Our Phoenix Pod is mission capable and cost-effective

By emulating the Close Air Support capability of aircraft such as the F/A-18A/B, the Phoenix Pod enables training aircraft, such as the T-6B and Hawk, as well as a range of civil and ex- military aircraft to deliver effective training to JTAC students without aircraft modification.

Applications include:

- **JTAC Training**
- **Search and Rescue**
- **Disaster Management**
- **Border patrol**
- **Bushfire Mapping**
- **Coastal Surveillance**

PHOENIX POD

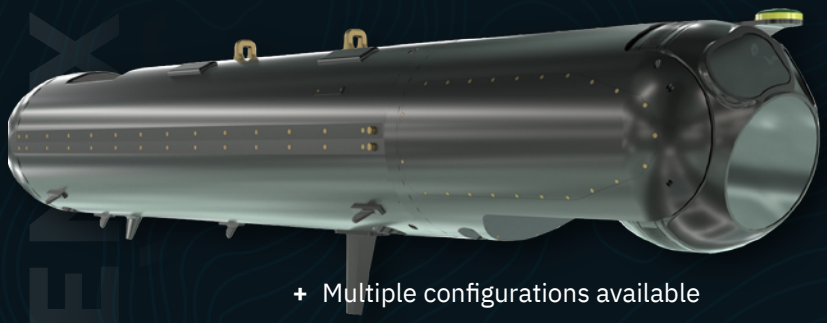
AN INNOVATIVE, AERIAL-SURVEILLANCE SOLUTION FOR PRECISION MILITARY AND CIVIL APPLICATIONS

High-tech capabilities with zero aircraft modification

Designed and manufactured by SiNAB, the Phoenix Pod uses contemporary technologies, ensuring high-performance capabilities providing long-range day-and-night surveillance and live air-to-ground communications.

Suitable for military and civilian applications, including close air support or search and rescue operations, the Phoenix POD can be fitted to aircraft with 14” NATO pylons.

+ WHAT’S INCLUDED



PHOENIX

PHOENIX POD

EO/IR sensor, laser, mission computer and air-to-ground communication

+ Multiple configurations available
+ 12.7” turret diameter
+ 14” NATO lugs for ease of connection to a range of aircraft
+ Electro-Optical (EO) sensor
+ Medium-wave infrared (MWIR) sensor
+ Short-wave infrared (SWIR) sensor
+ MIL-SPEC mission computer
+ Video downlink (VDL)

+ Lithium polymer battery or aircraft power
+ Wi-Fi communication to cockpit
+ MANET radio
+ Combat-net radio
+ Link 16
+ Encrypted UHF/VHF Voice and Data
+ Laser pointer
+ Laser designator
+ Laser range finder

PHOENIX COCKPIT

A pilot operated Human Machine Interface (HMI) which emulates the sensor control and weapon-aiming capabilities of Close Air Support Aircraft (CAS) without permanently modifying the aircraft

+ Tablet-based HMI sensor and communications system
+ Tablet-based Digitally Aided CAS System compatible with in-service JTAC equipment

PHOENIX GROUND STATION

+ Enables operation from the ground (UAS mode)
+ Real-time instructor monitoring of the training exercise
+ Record and replay functionality for the debriefing of the JTAC student exercises
+ A Live Virtual Constructive (LVC) gateway to other training assets

The Phoenix POD is designed and manufactured in Australia

STORES LOAD

"Can be easily integrated into a range of fixed wing and rotary wing aircraft"

HAWK-127
Military Jet

LEARJET 35
Civil Transport

PHOENIX POD

PILATUS PC-9/A
Military Trainer

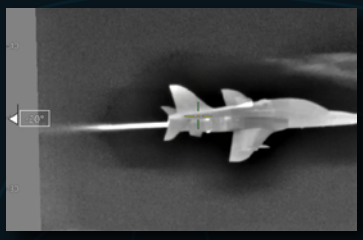
LOCKHEED C-130 HERCULES
Military Transport

Long-Range, High Definition Imaging

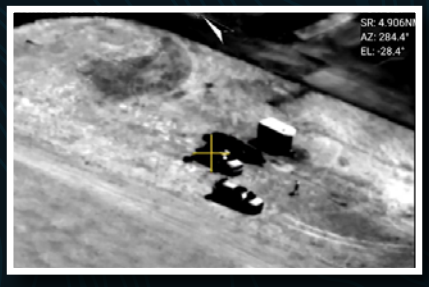
10km slant range

16km slant range

20km slant range



MWIR imaging



SWIR imaging

TECHNICAL DETAILS

DIMENSIONS

(mm)

DESCRIPTION	VALUE
Maximum G-Loadings	-2.5g to +5.0g
Maximum Air Speed	480 knots
Operational Ceiling	30,000ft
Total Mass	104kg

Watch our **PHOENiXPOD** *video*

SiNAB

ENGINEERING THE FUTURE OF AEROSPACE & DEFENCE

Delivering high-tech products, services and solutions to meet real-world challenges

www.sinab.com

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