



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

AEROVARIS EXTENDED-RANGE GUIDANCE KITS
GUIDED SYSTEMS

AEROVARIS

ER-84 WING-ASSISTED GUIDANCE KIT

Extended-range INS/GPS guidance kit converting compatible 2,000 lb-class bomb bodies into high-precision all-weather air-to-surface weapons.

UP TO 100 KM

< 10 M CEP

ANTI-JAM GPS

DIGITAL INTEGRATION

MIL-STD-1760 compatible

STAND-OFF RANGE

Wing-assisted extended reach



AEROVARIS ER-84 | AIA-PGK-ER84-MK1

PRECISION GUIDANCE KIT

Artillerie Inrichtingen Armaments BV presents AEROVARIS ER-84, a wing-assisted guidance kit designed to upgrade compatible 2,000 lb-class unguided bombs for extended-range, high-precision all-weather engagement.

The onboard control system combines inertial navigation, GPS and a CRPA anti-jam antenna with waypoint tracking, selectable impact angle and a deployable wing assembly.

100 km

FIGHTER RELEASE RANGE

40,000 ft

FIGHTER RELEASE ALTITUDE

CRPA

ANTI-JAM GPS ANTENNA

● Artillerie Inrichtingen Armaments BV - Licensed manufacturing programme in the Netherlands



MISSION CAPABILITY & SPECIFICATION

AEROVARIS ER-84 | GPS / INS EXTENDED-RANGE PRECISION GUIDANCE KIT

KEY CAPABILITIES

- Integrated INS/GPS navigation
- Extended range through wing assistance
- CRPA anti-jam GPS antenna
- High precision with high payload effect
- All-weather, day and night operation
- Engagement of targets of opportunity
- Waypoint tracking
- Selectable impact angle before release
- MIL-STD-1760 aircraft interface compatibility
- High-effect 2,000 lb-class payload integration

TECHNICAL DATA

GUIDANCE / ARCHITECTURE

INS and GPS navigation; CRPA anti-jam antenna; onboard control system; deployable wing assembly; tail control surfaces

FIGHTER

100 km

ALTITUDE

40,000 ft

CEP

< 10 m

INTERFACE / COMPATIBILITY

MIL-STD-1760 aircraft interface; compatible 2,000 lb-class bomb bodies

PHYSICAL

1,098 kg including bomb; length 4,040 mm; maximum diameter 940 mm

MISSION PROFILE

Wing-assisted INS/GPS navigation for extended-range, high-precision all-weather engagement.

AIR-LAUNCHED

INS / GPS NAV.

WING-ASSISTED

ANTI-JAM GPS

ALL-WEATHER

DAY / NIGHT

WAYPOINT TRACKING

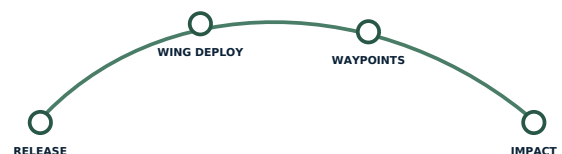
HIGH-EFFECT PAYLOAD

KIT ARCHITECTURE & INTEGRATION

AEROVARIS ER-84 converts compatible 2,000 lb-class unguided bomb bodies through an integrated guidance and wing assembly. INS/GPS navigation, a CRPA anti-jam antenna and waypoint tracking support autonomous extended-range engagement, while MIL-STD-1760 provides the aircraft interface. Integration remains subject to mechanical and electrical compatibility, carriage, release-clearance and platform qualification.



2,000 LB-CLASS WING-ASSISTED CONFIGURATION



EXTENDED-RANGE GUIDANCE PROFILE

Maximum range: 100 km (fighter). Accuracy: CEP below 10 m. Release altitude: up to 40,000 ft.

Specifications subject to change. Published tolerances: $\pm 10\%$.