

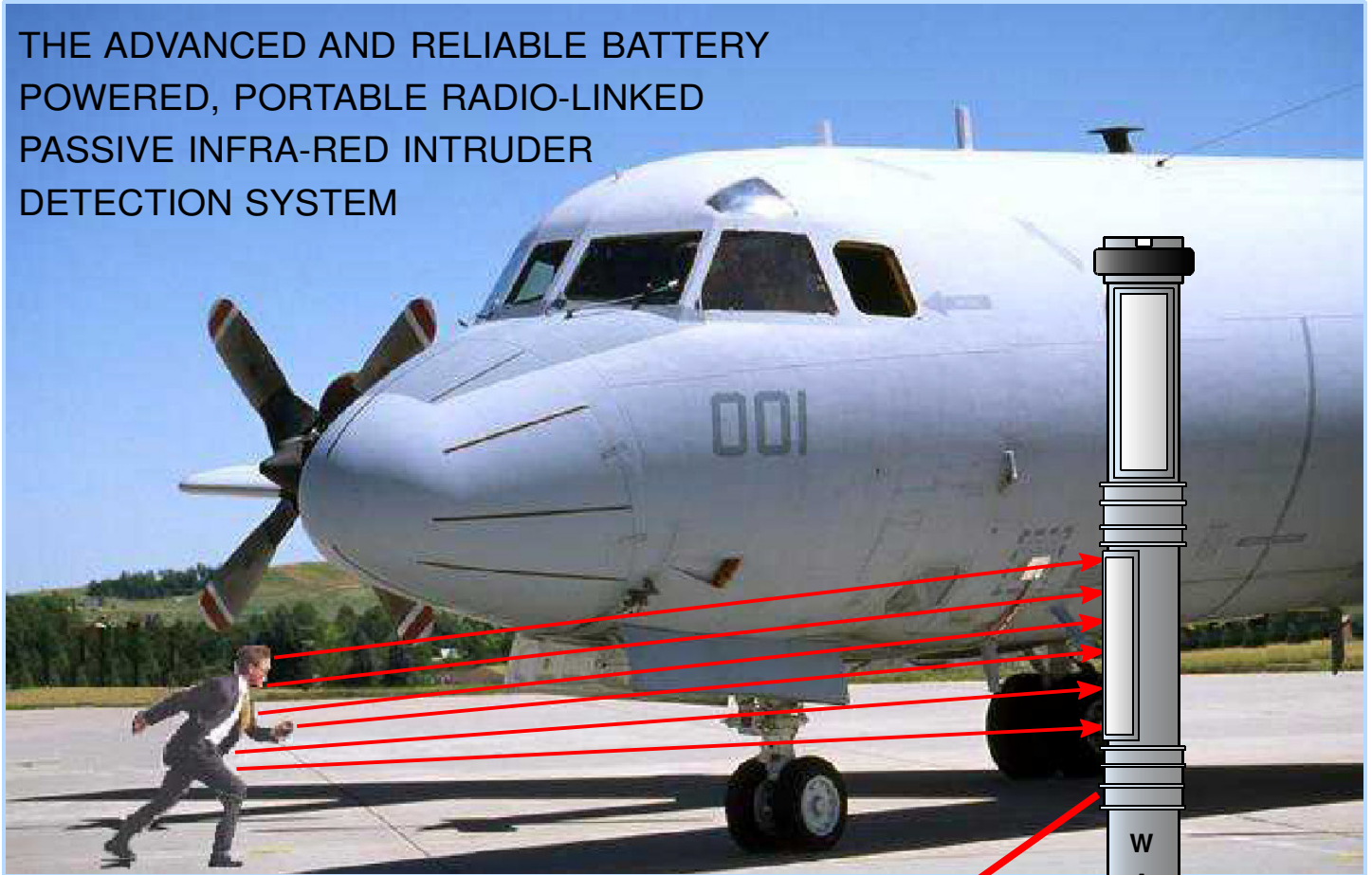
WATCHPOST

COVERS THE INTRUDER
← ZONE →



EDGARSSON SECURITY DESIGNS

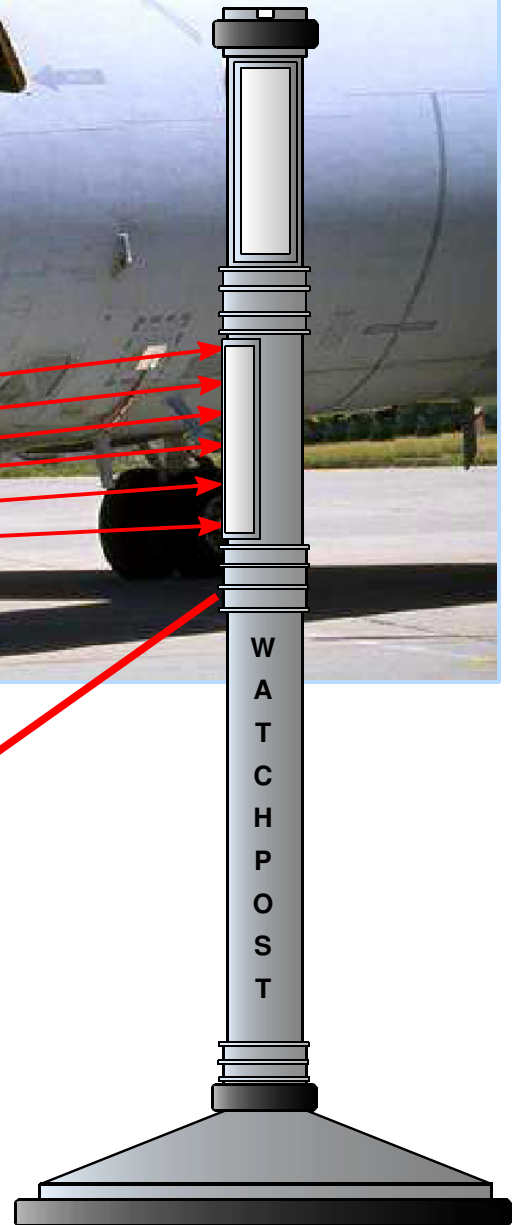
THE ADVANCED AND RELIABLE BATTERY
POWERED, PORTABLE RADIO-LINKED
PASSIVE INFRA-RED INTRUDER
DETECTION SYSTEM



- Long range detection zone. Detects intruders up to 2 x 40 metres away.
- Detection zone 1.6 metres high and 2.4 metres at widest point.
- Tilt / Tamper detection.
- Easy to deploy and operate.
- Rugged reliable and weather-proofed construction.
- Rechargeable battery, giving 4 weeks operation.
- Low battery warning message.



- Radio range to 1.5 Km with standard antenna.
- Direct transmission to radio message pager or wall mounted 8 zone receiver.
- **NEW Voice and text messages to phones.**





EDGARSSON SECURITY DESIGNS

The red outline below shows 4 Watchpost Units protecting a 40 x 40 metre square, that's 1600 square metres or a perimeter of 160 metres.

WATCHPOST TECHNICAL SPECIFICATION

DETECTOR

Detection method - Passive infra-red Two detectors Upper detector swivels with respect to lower
Detection range - Each Watchpost covers two zones of up to 40 by 2.5 metres
Creep zone detection
RFI - No alarm at 25 V/m (100 MHz - 1.2 GHz)
EMI - No alarm at 40,000 volts charge
Sunlight - No alarm at 40,000 Lx reflected into detector
White light - No alarm against halogen light within 3.0 metres
Walk test / alert LED
Target detect at velocities 0.3 to 5 m/s

RADIO TRANSMITTER

Radio transmitter - type approved to MPT 1329
Transmitter power - 500 mW, 458 MHz Band
Radio range - Up to 1 mile with standard antennae
Dipole available for long range
Messages - Alarm - Detector A, Alarm - B, Tamper, Low Battery, Test Call

BATTERY

Battery type - 1.2A Hr, 12V rechargeable SLA
Operating time - Typically 4 weeks
On / off keyswitch
Connector for battery charging
Easy battery removal for exchange with spare charged battery

MECHANICAL

Temperature range - -10°C to +60°C
Mechanical - Tube: UPVC, Base: GRP
Weights - Tube: 5.5 Kg ,Base: 5.0 Kg
Height: 1.6 metres, Tube Diameter: 110 mm, Base Diameter: 600 mm

RECEIVER / ALARM PANEL

Radio receiver to MPT 1329,1361
458 MHz band
Receives from up to eight Watchposts
8 zone expansion units available
ALarm, tamper, low battery messages displayed
Test calls checked. Missing test call alert
Range up to 1 mile with standard antenna
Up to 3 miles with half wave di-pole antenna
Battery or mains powered option with backup
Rechargeable sealed lead acid 12 volt 1.2 Ahr
Battery charger
Individual relay outputs available as option
Pager transmitter and autodialler accessories

MESSAGE PAGER

32 character alpha - numeric display
Alerting tone / vibrate
4 beep types
Time - tagged messages