

MICRO+FIX™

406 GPS Personal Locator Beacon

Category 2 PLB
Product No.: 2898
Model No.: PLB-300



Actual Size



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COBHAM
Avionics & Surveillance

Accidents happen every day in the outdoors, whether you fall out of a tree stand, break a leg during a hike, or roll over on an ATV. In the outdoors, an every day accident instantly can become a life threatening situation, and rescues may take days or weeks if you're not prepared.

Why wait days being stranded in the outdoors hoping someone will find you? Put the power in the palm of your hand with MicroFix™ 406 Personal Locator Beacon. The smallest, lightest PLB available is easily attachable to clothing and equipment, giving you peace of mind knowing it is with you at all times. Now you can turn that life threatening situation into a successful rescue story.

It's as easy as pushing a button, and with an internal GPS receiver the MicroFix™ will acquire your GPS position and transmit it along with your personalized identifier code through the COSPAS-SARSAT satellites instantly alerting Search and Rescue forces that you need help, immediately!

The MicroFix™ works fast, if GPS data is present in the beacon's first transmission, SAR forces can be notified and start planning your rescue in as little as three minutes.

Be Responsible, Be Prepared, Be Safe.

ACR Electronics, Inc. is registered by UL to ISO 9001:2000

05/2007

MICROFIX™



Did You Know...

406 MHz technology has been around since 1982 and is credited with saving over 20,300 lives worldwide

In 2006, of the 105 incidents in the US, 272 people are alive, thanks to the COSPAS-SARSAT system

Registration...

It is mandatory that you register your PLB. It's fast, easy and free www.beaconregistration.noaa.gov

When activated, the unique identification code in your PLB is linked to the registration database. This way authorities can retrieve valuable information about you and your trip

Responsible Use...

The MicroFix™ is a satellite signaling device of last resort, for use when all other means of self rescue have been exhausted, where the situation is grave and imminent loss of life, limb, eyesight, or valuable property will occur without assistance

406 GPS Personal Locator Beacon

Transmits on 406 MHz via the COSPAS-SARSAT satellite system with your registered, unique, digitally coded distress signal and 121.5 MHz (SAR homing frequency)

Onboard 12 channel parallel GPS acquires then transmits LAT/LON when the unit is activated, dramatically saving valuable time for your distress message to reach local rescue centers and providing rescue agencies with your exact position to within 110 yards (100 meters)

Smallest and most functional PLB available; can be easily carried in a pack or pocket; small enough to be worn by skiers, hikers, hunters, kayakers, climbers, pilots, snowmobilers or any other outdoor enthusiast

Lanyard and removable holster provide functionality and allow for multiple mounting options on backpack, belt, webbing, and life vest

Full functional self test of internal circuitry, battery voltage & power, 406 MHz transmission, and GPS acquisition

Flat, stainless steel antenna wraps compactly around the unit for easy stowage; and is ready for rapid deployment

Exceeds RTCM waterproof requirements

Size:	1.4 x 5.85 x 2.21 in (3.6 x 1.49 x 5.6 cm)
Weight:	10 oz (283g) with lanyard
Batteries:	Class 2 lithium battery packs, (non-hazmat) min. transmit 24 hrs @ -20°C 5 year replacement life (11 year storage)
Material:	Engineered polycarbonate blend
Color:	Hi viz ACRtreuse
Storage:	-40°F to + 158°F (-40°C to +70°C)
Deployment:	Manual
Activation:	Manual
Operation:	2 steps: deploy antenna, press ON button, giving clear view of sky
Waterproof:	16.5ft (5 m) @ 1 hr., 33 ft (10 m) @ 10 min. Factory tested @70°F Exceeds RTCM waterproof requirements
Certification:	COSPAS-SARSAT, FCC, Canada, Europe
Limited Warranty:	5 years
Radiated Power:	5 W ±2dB (406 MHz) 50 mW ±3dB (121.5 MHz)
Operational Life:	In excess of 24 Hours @ -20°C (-4°F) Typical performance is: 40 Hours @ -4°F (-20°C) 8 Hours @ -40°F (-40°C) Longer in higher ambient temperatures