# FastFind 220 Personal Locator Beacon

A lifesaving distress beacon with buoyancy pouch included, designed for aviation enthusiasts and adventurers.

**Trusted for Life**™

www.mcmurdogroup.com

# FastFind 220

The FastFind 220 Personal Locator Beacon (PLB) uses advanced technology packed into a simple, lightweight, palm sized unit. Using the dedicated 406MHz frequency, FastFind 220 transmits your unique ID and precise GPS location to the global network of search and rescue satellites.

Within minutes rescuers are alerted to your situation, and receive regular position updates. Finally, emergency services can home in on your beacon's 121.5MHz transmission to find you.

Explore the world with peace of mind. If you find yourself in a remote area without any other form of communication, activating your FastFind 220 will summon emergency assistance.

## Features

- Floats with buoyancy pouch
- GPS
- No subscription
- 6 year battery life
- Waterproof to 10m
- SOS morse LED flash light
- Safe-stow antenna

**WITH BUOYANCY POUCH**

## Once activated, FastFind 220 transmits two signals simultaneously

**406Mhz** Professional global emergency service

**121.5Mhz** Homing signal to speed up local recovery

## FastFind 220 could save your life!

FastFind gives you:

- Mini size, MIGHTY emergency signal
- Simple design, easy to use
- Self test both the battery and GPS
- Worldwide network of suppliers and service dealers
- Peace of mind to take your next step into adventure!

FastFind 220 has worldwide coverage and ensures you are rescued by professionals

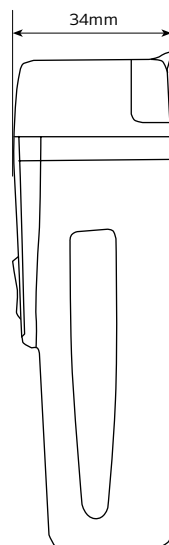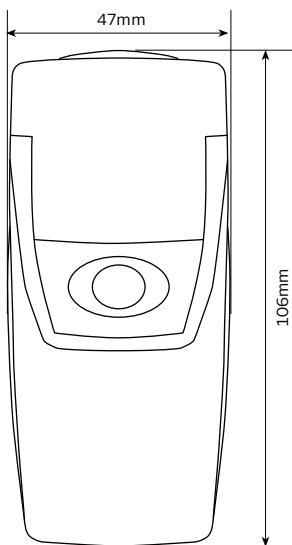# How the end-to-end satellite-based SAR Ecosystem works

**1**  A beacon distress signal is sent from aircraft, marine vessel or individual

**2**  Beacon positioning/location data is relayed by satellite communications to satellite ground stations or Local User Terminals (LUTs)

**3**  The Local User Terminal computes the location before sending alerts to the appropriate Mission Control Centers (MCC)

**4**  The Mission Control Center collects, stores and sorts the data received from LUTs and other MCCs and distributes alerts to associated Rescue Coordination Centers (RCC)

**5**  The Rescue Coordination Center notifies and coordinates emergency response/rescue teams

\* Items in red are supplied by McMurdo Group

# FastFind 220 PLB Specifications

| | |
|---|---|
| Standards | Cospas-Sarsat T.001/T.007 class2, RTCM SC110 STD 11010.2, ETSI EN 302-152-1, AS/NZS 4280.2, NSS-PLB06 |
| Sealing depth | Immersion to 10m (30ft) for 5 mins |
| Operating temperature | -20 to +55ºC (-4 to +131ºF) |
| Storage temperature | -30 to +70ºC (-22 to +158ºF) |
| Altitude | 12,192m (40,000ft) |
| Buoyancy | Category 2, will not float (keep in buoyancy pouch provided) |
| Battery type | Lithium metal |
| Transmit duration | > 35 hours @ +10ºC (50ºF), > 24 hours @ -20ºC (-4ºF) |
| Battery life (storage) | 6 years |
| Battery replacement | Service centre |
| Battery Use | Logged by microprocessor |
| Frequency | 406.037MHz (alert) / 121.5MHz (homer) |
| Power | > 5W (alert) / > 50mW (homer) nominal |
| Unique ID Number | Factory or dealer programmed |
| GPS Type | 50 channel, ceramic patch antenna |
| Size (D x W x L) | 34 x 47 x 106mm (1.34 x 1.85 x 4.17in) |
| Weight | 152g (5.4oz) |
| Indicator Light | High brightness LED signal light |
| SOS flash light | Morse code SOS flash pattern, 30 operations |
| Activation | Manual, three stage |
| Self-test | Tests transmitters, battery and light |



For service and support, please contact your local distributor or service agent by visiting www.mcmurdomarine.com/find-a-service-centre or email info@mcmurdogroup.com

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McMurdo Group – The industry's first end-to-end life-saving and tracking solutions provider

Distress Beacons • Satellite Connectivity Infrastructure • Monitoring/Positioning Software • Emergency Response Management