

PLB Comparison Guide



Vs. The Competition

	AeroFix™ 406 GPS I P-ELT	AeroFix™ 406 GPS I/O P-ELT	Non-GPS 406 PLB	GPS 406 PLB	Competitive Advantage
Model No.	P/N 2799.2	P/N 2799.4			ACR is less expensive and is a better value
Street Price	\$599.00	\$699.00	\$700.00	\$900.00	
Size	1.74" x 5.71" x 3.03" In. w/o holster 30.10 Cu. In.	1.74" x 5.71" x 3.03" In. w/o holster 30.10 Cu. In.	Larger	Larger	The AeroFix™ is the smallest PLB on the Market
Weight	Class 1	16 oz (450g)	Around 16 oz (441g)	Around 16 oz (441g)	Push
	Class 2	12 oz (338g)	Around 11 oz (300g)	Around 11 oz (300g)	
Batteries	Class 1: Available late Fall 2005 Class 2: Two Lithium 2,500mAmp Hour, Non-Hazmat	Class 1: Available late Fall 2005 Class 2: Two Lithium 2,500mAmp Hour, Non-Hazmat	Class 1: 12V lithium sulphur dioxide, Class 2: 11V lithium Iron disulphide, (Both are Hazardous)	Class 1: 12V lithium sulphur dioxide, Class 2: 11V lithium Iron disulphide, (Both are Hazardous)	Competitor batteries are considered hazardous. Higher shipping fees, more paperwork
Battery Replacement Interval	5 years	5 years	5 years	5 years	Push
Low Battery Indicator	Yes	Yes	No	No	AeroFix™ alerts you when you have <24 hrs. of battery life
Operation Temp	Class 1: -40°C to +55°C Class 2: -20°C to +55°C	Class 1: -40°C to +55°C Class 2: -20°C to +55°C	Class 1: -40°C to +55°C Class 2: -20°C to +55°C	Class 1: -40°C to +55°C Class 2: -20°C to +55°C	Push
Storage Temp	Negative 50°C to +70°C	Negative 50°C to +70°C	Negative 50°C to +70°C	Negative 50°C to +70°C	Push
User Replaceable Batteries	Yes: However, it is highly recommended to have the Battery replaced and tested at ACR or ACRBRC to ensure the beacon will work properly in an emergency. ACR has a world-wide network of BRC's.		Yes, Bat. must be specially ordered from authorized retailers and will take Weeks to arrive. Consumers must be careful not to damage the beacon when changing battery, and try not to lose small important parts.		ACR provides a service to our consumers
Certifications:	FCC Approved	FCC Approved	FCC Approved	FCC Approved	Push
Frequency	406.028 MHz		406.028 MHz		In tests conducted by ACR vs. our competitors, we found that ACR products met the highest specs required, while other PLB's barely made the grade.
Output power	5W +2dB		5W+2db		
121.5 Frequency	121.5 MHz ±1kHz		121.5 MHz ±1kHz		
Output power	50mW±3dB PLB required standards		50mW±3dB PERP PLB required standards		
Position Accuracy	100m	100m	5km* <i>*Incorrectly Stated in Competitors Manuals</i>	60m* <i>*Incorrectly Stated in Competitors Manuals</i>	100m is optimum allowed by COSPAS SARSAT
Time to first burst	90 Seconds	90 Seconds	2 minutes or more	2 minutes or more	AeroFix™ is faster and more reliable
Waterproof Depth	3.3m	3.3m	N/A	N/A	Competitors do not publish any data regarding waterproof
Buoyant	Yes	Yes	Some	Some	All ACR PLB's are buoyant and operate when floating
Self Test	Yes	Yes	Yes	Yes	AeroFix™ allows for testing GPS engine to ensure it is working.
GPS Engine/ data Test	No / Yes	Yes / Yes <i>GPS Engine on for 25 of the first 45 minutes after activation</i>	No / No	YES / No <i>Some GPS Engines are only on for 7 of the first 45 minutes after activation</i>	
GPS Interface	Yes	Yes	No	No	ACR has exclusive GPS Interface
GPS Position Update	Every 20 minutes	Every 20 minutes	Every 20 minutes	Every 20 minutes	Regulated by COSPAS-SARSAT



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Hazardous Shipping	No	No	Yes	Yes	ACR is Non Hazardous reducing Shipping Charges
Special packaging material required for hazardous goods	No	No	Yes	Yes	ACR is Non Hazardous reducing Shipping expenses
Warranty	5 years	5 years	1 to 5 Years	1 to 5 Years	ACR builds quality products, and we stand behind them
Accessories	Holster, Carabiner Clip, RapidDitch-P, Interface Cable with Serial adapter, Dash Mount	Holster, Carabiner Clip, RapidDitch-P, Interface Cable with Serial adapter, Dash Mount	Hip Pouch, Dive Canister	Hip Pouch, Dive Canister	