

TAC Number	344	TAC Date	01-JUL-2021	TAC Rev. date	01-JUL-2021
Beacon Model Name	PLB-425				
Additional Names	ResQLink View				
Manufacturer	ACR Electronics Inc.				
Tx Frequencies	406.031 MHz				
In Production	in production	Class	2		
Type	PLB	Tested Life (hours)	24		
Battery	PANASONIC CR123A, Lithium Manganese Dioxide (3 cells, 2/3 A size)				
	Battery Legend: Battery cell manufacturer, Cell chemistry, Cell model, No. of cells, Cell size.				
Protocols tested	SL - Standard Location, NL - National Location				
Self Test	yes	Self Test RF	yes	Self Test RF (Short/Long)	short
Self Test Format Flag	long	Self Test Consistent with 15 Hex ID	yes		
Homer Freq	121.5 MHz	Homer Duty Cycle	Intermittent, 33%		
Homer Power	50 mW				
Strobe Light	yes	Strobe Brightness	37 cd	Strobe Duty Cycle	6 flashes per minute
Nav Device	Int	Nav Device Model	ublox model SAM-M8Q GPS module, ACR P/N A1-11-1197 Rev A		
Separable Antenna	no	Antenna Model	Integral antenna		
Additional functions	GNSS Self-test, 1 burst of 520 ms; Includes the addition of an electronic display feature.				
General comments	(1) Beacon was tested in PLB configuration only, corresponding to beacon operation while "on ground" and "above ground". (2) Demonstrated full compliance with C/S Standards: C/S T.001 Issue 4 - Rev.3 (June 2018), C/S T.007 Issue 5 - Rev.2 (June 2018). (3) Approved for message encoding with variants of Standard Location Protocol for EPIRB with MMSI, EPIRB with Serial Number, ELT with 24-bit Address, ELT with Serial Number, ELT with Aircraft Operator Designator and PLB with Serial Number, and variants of National Location Protocols for EPIRB, ELT and PLB. (4) Approved for use in PLB on PFD configuration.				
TAC rev history	1) 4-Mar-19: originally approved with TAC 311; 2) 4-Apr-19: First additional TAC 315 assigned; 3) 4-Apr-19: Second additional TAC 316 issued; 4) 16-Apr-20: Added approval for PLB on PFD configuration; 5) 10-Jun-20: Third additional TAC 329 issued; 6) 13-Aug-20: Fourth additional TAC 331 issued; 7) 4-Nov-20: Fifth additional TAC 335 issued; 8) 8-Mar-21: Sixth additional TAC 339 issued; 9) 23-Apr-21: Approved software update for this model and the associated RLS models under TACs 1003, 2003, and 3003; 10) 3-Jun-21: Seventh additional TAC 343 issued; 11) 1-Jul-21: Eighth additional TAC 344 issued.				