



DK140 Underwater Acoustic Beacon

The Dukane DK140 Underwater Acoustic Beacon was designed to fill the need for a smaller, lighter weight beacon. Mounted on flight recorders and airframes, the DK140 assists in the underwater recovery of aircraft and their recorders.

FAA approved under TSO-C121, the DK140 is the next generation beacon based on its big brother the DK120 Underwater Acoustic Beacon.

One of the smallest underwater locating beacons in the world, the DK140 is rugged and durable. Construction ensures its operation even under high-impact shock and in water depths to 20,000 feet (6000m). Once activated, the non-hazardous 6-year user replaceable battery, allows the DK140 to continuously send out an acoustic signal for a minimum of 30 days.



Specifications

Operating Frequency	37.5KHz (\pm 1kHz)	Acoustic Output	160.5dB re 1 μ Pa @ 1m
Battery Operating Life		Pulse Length	10 ms
Stand-by (Shelf Life)	6 Years	Operating Depth	0 to 20,000 ft. (6,096 m)
Operating Life	30 Days	Housing Material	7075 T6 Aluminum
Dimensions		Weight	4.9 oz. (139 g) Maximum
Length	2.97 in. (7.54 cm)	Pulse Repetition Rate	0.9 Pulses Per Second
Diameter	1.3 in. (3.3 cm)	Activation	Water Switch

DK140 ACCESSORIES



Recovery Equipment for the DK140

PRS-275 Pinger Receiver System



N30A28

Beacon Mount for the DK140

(Other mounts available)

TS200 Acoustic Test Set

The TS-200 Ultrasonic Test Set by Dukane is a rugged and cost effective tester, designed to check the battery health and operation of the DK140 Emergency Locator Beacons.

A LCD readout indicates battery status while beacon operation is confirmed by an audible "ping" from the TS200.

Although calibrated at the factory, the TS200 can be calibrated in the field by using the CT-200 Calibration Set.

RJE International, Inc.

15375 Barranca Parkway, Suite B107, Irvine, CA 92618

Tel: (949)727-9399 Fax: (949)727-0070

E-mail: sales@rjeint.com Web Page: www.rjeint.com

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