

WHLEN® Strobe System Recommendations

Whelen does not have specific kits set up (Contact Authorized Whelen Distributor). The following are strobe system recommendations. The basic model/part numbers are given. In some cases the aircraft voltage and mounting location of the light are needed to specify the exact model/part number.

Raytheon/Beech Aircraft

Early Model Twin Engine through 1969 –

The slanted wingtip requires custom fabricated brackets for mounting the strobe lights. The following is recommended:

Quantity	Model	Part #	Description
1 each	HDACF	01-0770028-05	Power supply
2 each	A625	01-0770058-03	Wingtip strobe light assembly
1 each	HD60	01-0750206-00	Installation package
REF: All Barons (95-55, A55, B55, C55, D55) & All Travel Airs 1957 thru 1969			



Early Model Single Engine through 1966 –

Excluding any modified wingtip, use position lights at the wingtip extremity. To convert to Whelen strobes, the following is recommended:

Quantity	Model	Part #	Description
1 each	HDACF	01-0770028-05	Power supply
1 each	7111001	01-0771110-01	LED Wingtip light, 14 VDC, green
1 each	7111002	01-0771110-02	LED Wingtip light, 14 VDC, red
1 each	HD60	01-0750206-00	Installation package
Note: Model 7005400 and 7005402 can replace Model 71110 for a Halogen solution			



Single Engine 1967 through 1973 –

Use position lights installed under clear fairings at the wingtips most forward position. Specify 14 or 28 VDC. To convert to Whelen strobes the following is recommended:

Quantity	Model	Part #	Description
1 each	HDACF	01-0770028-05	Power supply
2 each	A625	01-0770058-03	Wingtip strobe light
1 each as req	A500AV14 or A500AV28	01-0770024-00 01-0770024-01	Tail strobe/position light (lens may be removed to reduce heat build-up)
1 each	HDT390	01-0750205-00	Installation package



Single Engine 1974 and Later –

Use a commonality wingtip, that enlarged the clear fairing by approximately six inches. Specify 14 or 28 VDC. To convert to Whelen strobes, the following is recommended:

Quantity	Model	Part #	Description
1 each	HDACF	01-0770028-05	Power supply
2 each	D900283	01-0790028-03	Wingtip strobe light
1 each as req.	A500AV14 or A500AV28	01-0770024-00 01-0770024-01	Tail strobe/position light
1 each	HDT390	01-0750205-00	Installation package



Raytheon/Beech Aircraft (cont'd)

Baron Rudder Mount Oscillation Beacon Replace

The mechanical oscillating beacon first appeared in 1970 on the then new E55, until 1982. All model 58's used it from 1970 thru 2000.

To convert the existing beacon to an LED flashing beacon:

Quantity	Model	Part #	Description
1 as req.	9008814	01-0790088-14	Upper mount, 5 hole, 2.25 lbs.

To convert the existing beacon to a Quartz Halogen flashing beacon:

1 as req.	9004457	01-0790044-57	Upper mount, 5 hole, 2.25 lbs. (Red)
-----------	---------	---------------	--------------------------------------



Duke Oscillation Beacon Replacement -

To convert the existing beacon to an LED flashing beacon:

Quantity	Model	Part #	Description
1 as req.*	9008812	01-0790088-12	Upper mount, 5 hole
1 as req.*	9008818	01-0790088-18	Upper mount, 8 hole



Converting beacon to a Quartz Halogen Flashing Beacon -

To convert the existing beacon to a Quartz Halogen flashing beacon:

Quantity	Model	Part #	Description
1 as req.*	9004401	01-0790044-01	Upper mount, 5 hole
1 as req.*	9004417	01-0790044-17	Upper mount, 8 hole

*Note - Check existing mounting hole pattern before ordering (5 or 8 hole)



Rotating Beacon Replacement -

The round mechanical rotating beacon was used on the vertical fin of all Barons from 1961 thru 1969. Models using this light are 95-55 (1961), A55 (1962-63), B55 (1964-82), C55 (1966-1967), D55 (1968-1969). Note: the B55 Baron continued to use this beacon until production stopped in 1982.



Converting Beacon to a Self-Contained LED Flashing Beacon -

To convert the existing beacon to a self-contained LED flashing beacon:

Quantity	Model	Part #	Description
1 as req.	9052055	01-0790520-55	14 VDC, Red/white, 3.75" base
1 as req.	9052005	01-0790520-05	28 VDC, Red/white, 3.75" base
1 as req.	A440	19-130074-009	Mounting adapter (required for fuselage mounting)



9052005, -15, -55

Converting Beacon to a Self-Contained Strobe Beacon -

To convert the existing beacon to a self-contained strobe beacon:

Quantity	Model	Part #	Description
1 as req.	HRCFAR	01-0770029-29	Standard assembly, Red lens
1 as req.	HRCFAW	01-0770029-30	Standard assembly, Clear lens
1 as req.	HRCFAS	01-0770029-31	Standard assembly, split Red/Clear lens
1 as req.	A440	19-130074-009	Mounting adapter (required for fuselage mounting)

