

### (12) United States Design Patent **US D640,181 S** (10) Patent No.: Calvin et al. (45) **Date of Patent: \*\*** Jun. 21, 2011

- **AIRCRAFT NAVIGATION AND** (54)ANTI-COLLISION LIGHT
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- (\*\*)14 Years Term:

(21) Appl. No.: **29/351,004** 

Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 15, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com. Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 18, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com. Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 19, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com.

(Continued)

- Nov. 26, 2009 (22)Filed:
- LOC (9) Cl. ..... 12-07 (51)
- **U.S. Cl.** ...... **D12/345**; D26/28 (52)
- Field of Classification Search ...... D12/345; (58)D26/28-36; 362/459-468, 475-478, 485-487 See application file for complete search history.

**References** Cited (56)

### U.S. PATENT DOCUMENTS

			Stephens et al D26/28
6,994,459		2/2006	Worsdell et al.
7,055,994	B2	6/2006	Martin
D530,437	S *	10/2006	Neufeglise et al D26/28
D556,659	S	12/2007	Saracoglu et al.
D578,683	S	10/2008	Huang
D579,590	S	10/2008	Lassen et al.
D586,024	S	2/2009	Wang
D592,780	S	5/2009	Calvin et al.
D626,057	S *	10/2010	Calvin et al D12/345
2002/0149944	A1	10/2002	Worsdell et al.
2005/0093718	A1	5/2005	Martin

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(57)CLAIM The ornamental design for an aircraft navigation and anticollision light, as shown and described.

## DESCRIPTION

FIG. 1 is an isometric view of the front of the aircraft navigation and anti-collision light as it might appear mounted on an aircraft wing.

FIG. 2 is an isometric view of the rear of the aircraft navigation and anti-collision light as it might appear mounted on an aircraft wing.

FIG. 3 is a view from above of the aircraft navigation and anti-collision light.

FIG. 4 is a left side view of the aircraft navigation and anticollision light. The right side view is not shown as it is a mirror image of the left side view.

FIG. 5 is a front end view of the aircraft navigation and

### OTHER PUBLICATIONS

Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 3, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com.

Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 8, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com.

Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 14, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com.

anti-collision light; and,

FIG. 6 is a rear view of the aircraft navigation and anticollision light.

The broken line showing a portion of the aircraft is included for the purpose of illustrating a portion of the aircraft only and forms no part of the claimed design.

The aircraft navigation and anti-collision light is characterized by a cover and a base. In FIGS. 1-6, the interior lines have been left out to avoid a confusion of lines.

## 1 Claim, 3 Drawing Sheets



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### OTHER PUBLICATIONS

Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 20, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com. Whelen Engineering Company, Inc., Aviation Lighting Catalog 2009 11015J-Rev1 AVCAT09-1009 p. 23, 51, Winthrop Road, Chester, Connecticut 06412-0684 USA, www.whelen.com.

\* cited by examiner

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