

WHELEN[®]

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VENDOR FIELD SERVICE BULLETIN
Effective Date: 09/05/2001

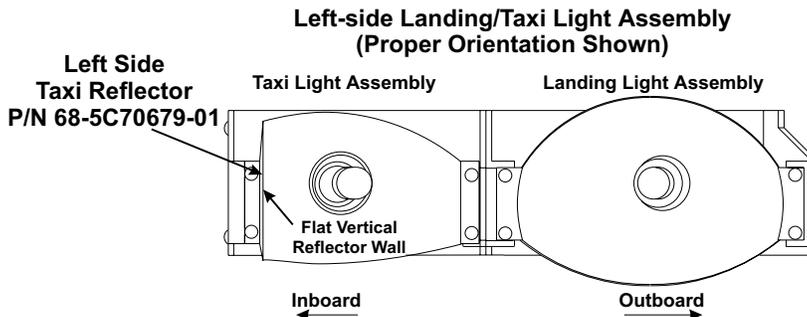
Landing/Taxi Light Assembly
P/N: 01-0790131-06 (Right-side Assembly)
P/N: 01-0790131-05 (Left-side Assembly)

Important - The purpose of this document is to identify and repair improperly oriented taxi light reflectors that may be present in some Landing/Taxi light assemblies. The suspect assemblies were manufactured between 01/02/01 and 08/29/01. The manufactured date code is located on the outboard vertical end of the landing/taxi light assembly (see following page). **NOTE: If inspection of aircraft reveals improperly oriented taxi reflectors with date codes outside the specified date code range, contact Whelen Engineering.** If visual inspection determines that either or both taxi light reflectors are improperly oriented, follow the instructions in this manual regarding replacement and re-installation procedures. The taxi light reflectors MAY NOT be rotated 180° within the assembly to gain proper orientation.

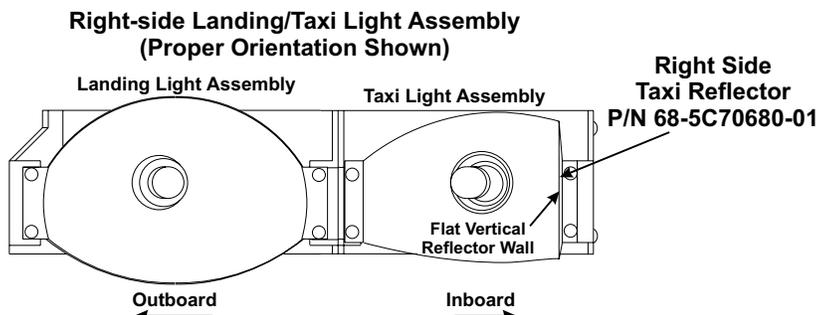
Access to the light assembly in question may be gained in two ways and is at the operator's discretion: (1) Removal of the light assembly's outer glass lens for reflector removal without removing the complete assembly or, (2) removal of the access panel located under the wing beneath the light assembly and complete removal of the entire assembly. This document assumes the light assembly has been removed for this procedure.

Please note that the terms "Left" or "Right" are referenced from the pilot's seated position, while "Inboard" and "Outboard" are relative to the mounted Landing/Taxi light assembly as it relates to the centerline of the plane.

Beginning with the Landing/Taxi light assembly mounted on the Left wing, visually inspect the inboard (Taxi) reflector. Note that this reflector should be oriented as shown, with the flat vertical reflector wall located in the inboard position.



When inspection of the left Landing/Taxi light assembly is completed, proceed to the right Landing/Taxi light assembly. As shown, the flat vertical reflector wall should be oriented so that it is in the inboard position.



Attention!

If both the left and right light assemblies are improperly oriented, the taxi reflectors may be removed from their present location and installed on the opposite wing's light assembly. In these cases, no additional reflectors will be needed.

If a single light assembly is improperly oriented, the correct reflector must be installed and the original reflector returned to:

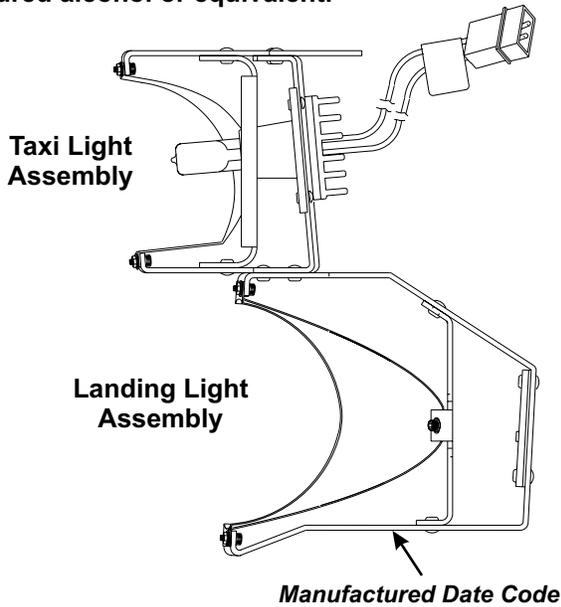
Whelen Engineering
attn: Aviation Sales Dept.

Aviation

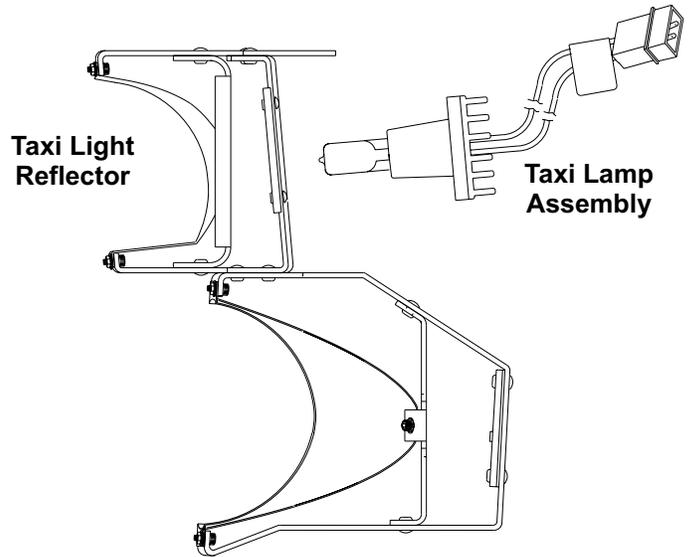
Note - The following illustrations show a left Landing/Taxi light assembly to demonstrate the proper removal of a taxi light reflector. This procedure is identical for the right side as well. Reverse this process for re-assembly.

Step 1 - Orient the assembly as shown. Rotate the lamp assembly in a counter-clockwise direction. **DO NOT TOUCH THE BULB'S GLASS ENVELOPE WITH BARE HANDS!** Carefully remove the lamp assembly.

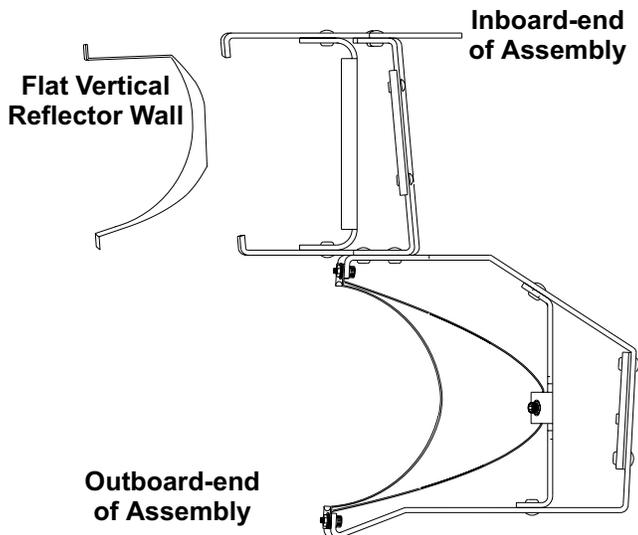
WARNING! Remove any grease or fingerprints from the lamp glass envelope using a grease-free solvent such as denatured alcohol or equivalent.



Step 2 - Locate, remove and retain the four (4) nuts, flat washers and socket head bolts that secure the taxi reflector to the assembly. Remove the taxi reflector from the assembly.



Step 3 - Obtain the correct reflector for the taxi light. When properly oriented, the flat vertical reflector wall will be positioned at the inboard end of the assembly and the lamp opening will be aligned with the lamp mounting opening in the assembly.



Step 4 - Position the new reflector onto the assembly and secure with the original hardware. Wipe the mirrored surface of the installed reflector with a clean soft lint-free cloth to remove any fingerprints or contaminants. Re-install the light removed in step 1. Re-install completed assembly .

