

# Raytheon Aircraft

## SERVICE BULLETIN

33, 35, 36

No. 2614  
ATA Code 33-40

Kit No. 36-3021-1

- SUBJECT:** LIGHTS - LANDING LIGHT IMPROVEMENT MODIFICATION
- REASON:** This Service Bulletin is being issued to announce a kit that installs a voltage dropping resistor in the aircraft landing light electrical system equipped with 24 VDC P/N GE 4596 lamp. The landing light bulb service life will increase with the installation of this kit.
- EFFECTIVITY:** Beech Bonanza F33A, serials CE-748, CE-772 and after;  
F33C, serials CJ-149 and after;  
V35B, serials D-10097, D-10120 and after;  
A36, serials E-1111, E-1241 and after;  
A36TC, serials EA-1 through EA-241, and EA-243 through EA-272;  
B36TC, serials EA-242, EA-273 and after.
- COMPLIANCE:** Raytheon Aircraft Company considers compliance to be at the owner's/operator's option.
- APPROVAL:** Engineering data contained in this Service Bulletin is FAA Approved.
- MANPOWER:** The following information is for planning purposes only:  
Estimated man-hours: 1 hour.  
Suggested number of men: 1 man.
- The above is an estimate based on experienced, properly equipped personnel complying with this Service Bulletin. Occasionally, after work has started, conditions may be found which could result in additional man-hours.

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Raytheon Aircraft Company (RAC) issues Service Information for the benefit of owners and fixed based operators in the form of two classes of Service Bulletins. The first class, Mandatory Service Bulletins (red border) includes changes, inspections and modifications that could affect safety or crashworthiness. RAC considers compliance with these Service Bulletins to be mandatory. RAC also issues Service Bulletins with no border which are designated as either recommended or optional in the Compliance section within the bulletin. In the case of recommended Service Bulletins, RAC feels the changes, modifications, improvements or inspections will benefit the owner/operator and although highly recommended, Recommended Service Bulletins are not considered mandatory at the time of issuance. In the case of optional Service Bulletins, compliance with the changes, modifications, improvements or inspections is at the owner/operator's discretion. Both classes are mailed to:

(a) RAC Authorized Service Centers

(b) Owners of record on the FAA Aircraft Registration Branch List and the RAC International Owner Notification Service List

(c) Those having a publications subscription

information on Owner Notification Service or subscriptions can be obtained through any RAC Authorized Service Center. As Mandatory Service Bulletins and Service Bulletins are issued, temporary notification in the Service Bulletin Master Index should be made until the index is revised. Warranty will be allowed only when specifically defined in the Service Bulletin and in accordance with the RAC Warranty Policy.

Unless otherwise designated, RAC Mandatory Service Bulletins, Service Bulletins and RAC Kits are approved for installation on RAC airplanes in original or RAC modified configurations only. RAC Mandatory Service Bulletins, Service Bulletins and Kits may not be compatible with airplanes modified by STC installations or modifications other than RAC approved kits.



Raytheon Aircraft

Beech  
Lawler



## Service Bulletin No. 2614

**MATERIAL:** The following parts required for this modification may be ordered through a Raytheon Aircraft Authorized Service Center:

Part Number	Description	Quantity Per Airplane
36-3021-1	Landing Light Resistor Kit	1

Raytheon Aircraft Company expressly reserves the right to supersede, cancel and/or declare obsolete, without prior notice, any kits or publications that may be referenced in this Service Bulletin.

### NOTICE

All Raytheon Aircraft approved kits, unless otherwise designated, are approved for installation on Raytheon Aircraft airplanes in original or Raytheon Aircraft approved modified configurations only. Raytheon Aircraft approved kits may not be compatible with airplanes modified by STC installations or modifications other than Raytheon Aircraft approved kits.

**SPARES AFFECTED:** None.

**WARRANTY CREDIT:** None.

**SPECIAL TOOLS:** None.

**WEIGHT AND BALANCE:** Negligible.

**REFERENCES:** None.

**PUBLICATIONS  
AFFECTED:**

It is recommended that a note to "See Service Bulletin No. 2614" be made in the following:

Beech Bonanza F33A, F33C, V35B, A36, A36TC, B36TC, Wiring Diagram Manual, 28 Volt Electrical System, P/N 35-590102-9D or subsequent revision, Chapter 33-46;

Beech Bonanza A36, B36TC, Wiring Diagram Manual, 28 Volt Electrical System, P/N 35-590102-11C or subsequent revision, Chapter 33-46.

**ACCOMPLISHMENT  
INSTRUCTIONS:**

This Service Bulletin shall be accomplished as follows:

1. Remove all electrical power from the airplane and disconnect the battery.
2. Install the landing light voltage dropping resistor in accordance with Kit No. 36-3021-1.
3. Connect the battery and apply external power.
4. Verify that the landing light illuminates.
5. Return the airplane to service.

**RECORD COMPLIANCE:**

Upon completion of this Service Bulletin, make an appropriate maintenance record entry specifying the kit identification number and the kit serial number. It is recommended that the parts list contained in the kit be filed for future reference until the listing of parts has been incorporated into the Wiring Diagram Manual.

### NOTE

If you are no longer in possession of this airplane, please forward this information to the present owner.