
Spectralux Dlink+ Software Upgrade

AFFECTED P/N:

- 13281-2
- 13281-2-01
- 13281-2-02

EFFECTIVITY:

<input type="checkbox"/>	Ia: All Units. Not backward compatible
<input checked="" type="checkbox"/>	Ib: All Units. Backward compatible
<input type="checkbox"/>	IIa: Selected Units (List by Serial Number, Work Order #, or Mfg. Date). Not backward compatible
<input type="checkbox"/>	IIb: Selected Units (List by Serial Number, Work Order #, or Mfg. Date). Backward compatible.

REASON:

The reason for this Service Bulletin is to notify Spectralux customers of changes made to the operational software contained in the FAA TSO-C113 Authorized Dlink+ units noted above and to request the return of all the affected part numbers to the Spectralux Corporation for upgrade.

Upon incorporation of this Service Bulletin, the changed articles shall be identified by the assignment of a Modification (Mod) Level indicator. The affected part numbers noted above shall be identified as follows

- Part Number 13281-2, Mod A1
- Part Number 13281-2-01, Mod A1
- Part Number 13281-2-02, Mod A1

DESCRIPTION:

Per this Service Bulletin, all affected part numbers shall be returned to Spectralux for the software upgrade and unit re-identification.

- Part Number 13281-2 shall be returned to the Spectralux Corporation for software upgrade and re-identification to Part Number 13281-2, Mod A1.
- Part Number 13281-2-01 shall be returned to the Spectralux Corporation for software upgrade and re-identification to Part Number 13281-2-01, Mod A1.
- Part Number 13281-2-02 shall be returned to the Spectralux Corporation for software upgrade and re-identification to Part Number 13281-2-02, Mod A1.

Changes to the Dlink+ operational software are as follows. For more information, see document SAS-13281-2.

- Extend the current ARINC 619 interface to support ACARS uplinks/downlinks with other on-board end systems
- Resolve network (ARINC & SITA) inefficiencies in the previous software version
- Address minor bugs

COMPLIANCE

The software upgrade defined in this Service Bulletin are **not** related to a known safety condition and do **not** address an existing Advisory Circular (AD). Therefore, there is no requirement to incorporate this Service Bulletin by a given date. The incorporation of this Service Bulletin shall be determined by the operator/installer and the Spectralux Corporation.

WARRANTY INFORMATION

This software upgrade is provided in accordance with the applicable Purchase Agreement entered into between the Spectralux Corporation and its customers.

FAA INVOLVEMENT

The changes to the software have been approved by the FAA as a minor change to the TSO-C113 Authorized Dlink+ units listed in Affected P/N.

APPLICABILITY AND LIMITATIONS

All affected units shall be returned to Spectralux under the Return Material Authorization (RMA) process. Spectralux requires the unit's serial number in order to assign an Return Material Authorization number. Contact Spectralux customer service prior to the return of any units.

Spectralux Corporation
Attention: Customer Service
12335 134th Court NE
Redmond, WA 98052
425-285-3000

This Service Bulletin does not provide authorization for installation of the Spectralux Dlink+ onto any aircraft. Authority to install the Dlink+ must be obtained by the operator/installer.

MATERIALS, PARTS, AND SPECIAL EQUIPMENT

None. All upgrades are to be performed at the Spectralux facility in Redmond, Washington.

MANPOWER

Not applicable.

REFERENCES

SAS-13281-2	Software Accomplishment Summary
BOM 13281-2	Bill of Materials for Dlink+ Part Number 13281-2
BOM 13281-2-01	Bill of Materials for Dlink+ Part Number 13281-2-01
BOM 13281-2-02	Bill of Materials for Dlink+ Part Number 13281-2-02



12335 134th Court NE
Redmond, WA 98052

Service Bulletin

SB-01132011-01

MODIFICATION PROCEDURE

Return Part Number 13281-2 to the Spectralux Corporation for upgrade to Part Number 13281-2, Mod A1.

Return Part Number 13281-2-01 to the Spectralux Corporation for upgrade to Part Number 13281-2-01, Mod A1.

Return Part Number 13281-2-02 to the Spectralux Corporation for upgrade to Part Number 13281-2-02, Mod A1.

APPROVALS:

Program Manager:

Director of Engineering:

Director of Quality:
