



U.S. Department
of Transportation

*Federal Aviation
Administration*

November 6, 2014

FDS Avionics Corp d/b/s
Flight Display Systems
6435 Shiloh Road Suite D
Alpharetta, Georgia 30005

Small Airplane Directorate
Atlanta Manufacturing Inspection
District Office
1701 Columbia Avenue
College Park, GA 30337


PMA NO. PQ1716CE-D

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on STC submitted by FDS Avionics Corp d/b/s Flight Display Systems, with your letter dated November 5, 2014 meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that FDS Avionics Corp d/b/s Flight Display Systems, has established the quality system required by § 21.307 at 6434 Shiloh Road, Alpharetta, GA 30005. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 3.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated November 6, 2014 also apply to the enclosed PMA Listing-Supplement No. 3. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

for 
Greg Benson, Manager,
Atlanta Manufacturing Inspection
District Office

Enclosure:
PMA Listing-Supplement No. 3

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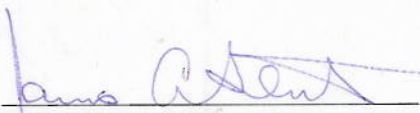
PMA NO. PQ1716CE-D
SUPPLEMENT NO: 3
DATE: November 6, 2014

| Article Name | Article Number | Approved Replacement for Part Number | Approval Basis and Approved Design Data | Make/ TCH Eligibility | Model/Series Eligibility |
|---------------------|--------------------------|---|---|------------------------------|--|
| 20 INCH LCD | FD201CV-LP | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 20 INCH LCD | FD201CV-LP VER HD | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 20 INCH LCD | FD201CV-LP VER HDDVI | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 20 INCH LCD | FD201CV-LP VER HDVCS | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 32 INCH LCD | FD320CV | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 32 INCH LCD | FD320CV VER HD | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 32 INCH LCD | FD320CV VER HSDSI | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 32 INCH LCD | FD320CV VER HSDSI-CAN | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |

| Article Name | Article Number | Approved Replacement for Part Number | Approval Basis and Approved Design Data | Make/ TCH Eligibility | Model/Series Eligibility |
|--------------|-------------------|--------------------------------------|---|-----------------------|--|
| 32 INCH LCD | FD320CV VER SW | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 32 INCH LCD | FD320CV VER HDVC5 | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 42 INCH LCD | FD420CV | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 42 INCH LCD | FD420CV VER HD | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 42 INCH LCD | FD420CV VER HDSDI | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |
| 42 INCH LCD | FD420CV VER HDVC5 | Modification Part | STC # ST02760AT DWG No: J-RP0002 Rev: K Date: 09/22/14 or later FAA approved revisions. | Boeing | 727-200 With STC ST02760AT Installed |

-----End of Listing-----

Note: The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original PMA.


 Greg Benson, Manager
 Atlanta Manufacturing Inspection District
 Office