



U.S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Chicago Aircraft Certification Office
2300 E. Devon Avenue, Room 107
Des Plaines, IL 60018

September 26, 2016

Mr. Ash Vij
Guardian Avionics L.L.C.
1951 East Airport Drive.
Tucson, AZ 85756

Dear Mr. Vij,

We received your letter of September 19, 2016 submitting your statement certifying that your USB Chargers and Handheld Device Instrument Panel Mounts meets the design and performance requirements of FAA Policy PS-AIR-21.8-1602 for Non Required Safety Enhancing Equipment (NORSEE) and is produced under a quality system that satisfies the requirements of the same policy. Based on our acceptance of your statement and 14 CFR 21.8(d), we authorize the manufacturing of your equipment as detailed by the part numbers that are shown in the following table:

<u>Article Name</u>	<u>Part Number</u>	<u>Authorized Function</u>	<u>Approved Replacement for</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Installation Eligibility:</u>
USB Panel 2	200-101A	USB Battery Charger	Alteration Part	FAA memorandum number PS-AIR-21.8-1602 Design Standard: Guardian Avionics Report 0001 Drawing: 200 Rev.:H Date: 9/16/2016 or later FAA-approved revisions	Provided that the requirements of 14 CFR 1.1 and 14 CFR 43 Appendix A are met, equipment may be installed as a minor alteration on Aircraft Certified under 14 CFR 23,27,29 or precursor regulations, as outlined in FAA memorandum number PS-AIR-21.8-1602.
USB Panel 1	200-101B	USB Battery Charger	Alteration Part		
USB Remote 2	200-201A	USB Battery Charger	Alteration Part		
USB Remote 1	200-201B	USB Battery Charger	Alteration Part		
USB Rem1-Pad	200-301A	USB Battery Charger	Alteration Part		
USB Rem2-Pad	200-301B	USB Battery Charger	Alteration Part		
Iphone 6 Mount	IP6-100	Apple iPhone 6 Inst Panel Mount	Alteration Part	FAA memorandum number PS-AIR-21.8-1602 Design Standard: Guardian Avionics Report 0001 Drawing: M100 Rev.:A Date: 9/16/2016 or later FAA-approved revisions	Provided that the requirements of 14 CFR 1.1 and 14 CFR 43 Appendix A are met, equipment may be installed as a minor alteration on Aircraft Certified under 14 CFR 23,27,29 or precursor regulations, as outlined in FAA memorandum number PS-AIR-21.8-1602.
Iphone 6+ Mount	IP6+100	Apple iPhone 6 Plus Inst Panel Mount	Alteration Part		
Ipad Mini Mount	IPM-100	Apple iPad Mini Inst Panel Mount	Alteration Part		
Ipad Air Mount	IPA2-100	Apple iPad Air 9.7 Inst Panel Mount	Alteration Part		
Ipad Pro Mount	IPP-100	Apple iPad Pro 12.9" Inst Panel Mount	Alteration Part		

This approval is based on the authorized function as stated in the above table. Uses outside of this authorized function have not been reviewed by the FAA to comply with the requirements of FAA Policy PS-AIR-21.8-1602 and may require additional evaluation. It should also be noted that NORSEE production approval does not grant Installation Approval Product Manufacturer Authorization (PMA) or Technical Service Order Authorization (TSOA).

We also accept the statement that your quality system meets the requirements of FAA Policy PS-AIR-21.8-1602. We authorize production of this NORSEE equipment at your Guardian Avionics L.L.C. manufacturing facility, located at 1951 East Airport Drive. Tucson, AZ 85756.


All major components of the articles produced under this approval must be permanently and legibly marked with the authorization holder's name, or trademark, or symbol, part number and "14 CFR 21.8(d)".

You must allow the FAA to inspect your quality system, facilities, technical data, and any manufactured articles and witness any tests, including any inspections or test at a supplier facility, necessary to investigate any service difficulty or possible non-compliance with FAA Policy PS-AIR-21.8-1602. Any service difficulties with the equipment should be reported to the ACO.

You must notify the FAA before making any changes to the location of any of your manufacturing facilities, company name or ownership. This approval is transferable to another U.S. manufacturer subject to the transferee complying with the NORSEE policy PS-AIR-21.8-1602 (or later policy revision) and design approval holders responsibilities stated in this letter of authorization.

This approval is effective until surrendered, withdrawn or otherwise terminated by the FAA. If you have any questions, please call Scott Fohrman, at (847) 294-7136, fax (847) 294-7834, email scott.fohrman@faa.gov.

Sincerely,


 Timothy P. Smyth
 Manager, Chicago Aircraft
 Certification Office

EXAMPLE LOGBOOK ENTRY FOR INSTALL

Log Book Entry (EXAMPLE ONLY)

N231* Mooney M20K S/N: 25-02** 09/27/2016

WO#**** Tach Time 339.6 Total Time: 3686

Installed as a minor alteration NORSEE approved Guardian Avionics iFDR Panel Mount iPad Mini P/N IPM-100 and USB Power Supply P/N 200-301B in accordance GAV Manual 250-M Rev A and GAV Manual 100-M Rev A and IAW 14 CFR 43-13 Appendix A and FAA Memorandum number PS-AIR-21-8-1602. This aircraft has been inspected/maintained/repared in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this agency under Work Order #****.

Signature _____
 Joe Smith A&P 351****