



U.S. Department
of Transportation
**Federal Aviation
Administration**

Engine & Propeller Directorate

Manufacturing Inspection District Office 41
1699 King Street, Suite 206
Enfield, CT 06082
Phone: (860) 386-1850
Fax: (860) 386-1827

January 19, 2017

Mr. Jerry Gourd, Quality Assurance Manager
Oxley, Inc.
31 Business Park Drive
Branford, CT 06405

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Dear Mr. Gourd,

In accordance with 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, as submitted by Oxley, Inc. (hereinafter referred to as the “the Manufacturer”) on July 19, 2016, meet the airworthiness requirements of 14 CFR applicable to the product(s) on which the article(s) is to be installed. Additionally, the FAA has determined that the Manufacturer has established the quality system required by § 21.307 at 31 Business Park Drive, Branford, CT 06405. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted to the Manufacturer to produce the replacement articles (or modification articles, as applicable) listed in the enclosed supplement(s) in conformity with the FAA-Approved design data. Subsequent changes to these design data must be approved in a manner acceptable to the FAA.


The following terms and conditions apply to this approval:

1. The Manufacturer’s quality system, methods, procedures and manufacturing facilities, including suppliers, are subject to FAA surveillance and investigations. Accordingly, the Manufacturer must advise its suppliers that their facilities are also subject to FAA surveillance and investigation.
2. The Manufacturer must obtain approval from the Bradley Manufacturing Inspection District Office (MIDO), prior to relocating or expanding manufacturing facilities at which articles produced. This includes the addition of associate facilities. Additionally, this requirement applies to the Manufacturer’s suppliers with major inspection authorization, and those suppliers who furnish articles or related services where a determination of safety and conformance to the approved design cannot or will not be made upon receipt at the approved receiving facility.
3. Upon request, the manufacturer must make available to the FAA any pertinent information concerning its suppliers who furnish parts/services. This includes:

- a. A description of the parts or service;
 - b. Where and by whom the parts or service will undergo inspection;
 - c. Any delegation of inspection duties;
 - d. Any delegation of materials reviews authority;
 - e. The name and title of the FAA contact at the supplier facility;
 - f. The inspection procedures required to be implemented;
 - g. Any direct-shipment authority;
 - h. Results of the Manufacturer's evaluation, audit, and/or surveillance of its suppliers;
 - i. The purchase/work order number (or equivalent); and
 - j. Any feedback relative to service difficulties originating at the Manufacturer's suppliers.
4. Parts, appliances, or manufacturing services furnished by any suppliers located in a foreign country may not be used in the production or any article or listed in the enclosed supplement unless:
- a. That part or service can and will be completely inspected for conformity at the manufacturer's U.S. facility; or
 - b. The FAA has determined that the location of the foreign supplier facility places no undue burden of the FAA in administering applicable airworthiness requirements. The Manufacturer must advise the FAA at least ten working days in advance when the use of such foreign suppliers is contemplated. This will allow the FAA time to make this determination.
5. Articles produced under the terms of this approval must be permanently marked with the identification information as required by 14 CFR part 45, Identification and Registration Marking §45.15. Use the letters "FAA-PMA," the name, trademark, or symbol of the company, and the part number. If the FAA finds the article is too small or impractical to mark, the manufacturer must attach the information required by § 45.15 to the article or its container.
6. This approval is not transferable and it may be withdrawn for any reason that precludes its issuance or whenever the FAA finds that the quality system is not being maintained. A withdrawal may occur if unsafe or nonconforming articles are accepted under the quality system.

7. The Bradley MIDO must approve any changes to the address shown in this approval.
8. The Manufacturer must maintain its quality system in continuous compliance with the requirements of § 21.307. The Manufacturer also must ensure that each article conforms to the approved design data and is safe for installation of type-certificated products.
9. A PMA holder has the privileges specified within the PMA letter and supplement. In addition, a PMA holder is eligible for the appointment of qualified individuals in its employ to represent the FAA as Designated Manufacturing Inspection Representatives (DMIRs), in accordance with the provision of part 183. DMIRs may issue an export airworthiness approval for articles. The PMA holder may also be authorized to apply for and obtain an Organization Designation Authorization (ODA). FAA Orders 8000.95 and 8100.15 contain procedures for the administration of DMIRs and ODAs, respectively.
10. The Manufacturer must report in a timely manner, to the Bradley MIDO, information concerning service difficulties on any article produced under this approval. The Manufacturer also must report any failures, malfunctions and defects that are required to be reported in accordance with § 21.3
11. All technical data required by § 21.303(a)(3), for the articles to be produced in accordance with this approval, must be readily available to the FAA at the facility where articles are being produced.
12. The Manufacturer must notify the Bradley MIDO immediately in writing of any changes to the quality system that may affect the inspection, conformity or airworthiness of the articles approved in this letter.
13. The Manufacturer must produce all articles in accordance with Oxley, Inc., Quality Assurance Manual, Revision 8, dated October 21, 2013, that has been presented as evidence of compliance with § 21.307. Accordingly, any revisions to this data must be submitted to the Bradley MIDO for approval prior to implementation.

Sincerely,


Acting
for Eileen Murphy
Manager, Bradley Manufacturing
Inspection District Office

Enclosure:
Parts Manufacturer Approval Listing
Supplement No. 1



FAA

Manufacturing Inspection District Office, ANE-MIDO-41

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Oxley Inc.
31 Business Park Dr.
Branford, CT 06405

PMA NO. PQ10027NE
SUPPLEMENT NO. 1
DATE: January 19, 2017

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Oxley PAR 64 LED Landing Light	CP44346	TC Holder P/N's 4559, Q4559, Q4559X, Q5559, 4557, 4557X, 5557, 5557X	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CP44346 <u>Rev:</u> 3 <u>Dated:</u> 5/26/16 or later FAA-approved revisions	Airbus	A318-111, A318-112, A318-121, A318-122 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A320-251N, A320-271N, A320-216 A321-111, A321-112, A321-131, A321-211, A321-231, A321-212, A321-213, A321-232, A321-271N A330-201, A330-202, A330-203, A330-223, A330-243 A330-223F, A330-243F A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, A330-343 A340-211, A340-212, A340-213 A340-311, A340-312, A340-313 A340-541, A340-642
				The Boeing Company	DC-9-11, DC-9-12, DC-9-13, DC-9-14, DC-9-15, DC-9-15F, DC-9-21, DC-9-31, DC-9-32, DC-9-32F, DC-9-33F, DC-9-34, DC-9-41, DC-9-51 DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88 MD-90-30, 717-200 727, 727-100, 727C, 727-100C, 727-200, 727-200F 737-100, 737-200, 737-200C, 737-300, 737-400, 737-500, 737-700, 737-800, 737-600, 737-700C, 737-900, 737-900ER 747-100, 747-200B, 747-200F, 747-200C, 747SR, 747SP, 747-100B, 747-300, 747-100B SUD, 747-400, 747-400D, 747-400F, 747-8F, 747-8 757-200, 757-200PF, 757-200CB, 757-300 767-200, 767-300, 767-300F, 767-400ER 777-200, 777-300, 777-300ER, 777-200LR
				Bombardier	DHC-8-400
				Embraer	EMB-145, EMB-145ER, EMB-145MR, EMB-145LR, EMB-135ER, EMB-135LR, EMB-135KE, EMB-135KL, EMB-135BJ, EMB-145XR, EMB-145MP, EMB-145EP ERJ 170-100 STD, ERJ 170-100 LR,



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					ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU ERJ-190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 ECJ, ERJ 190-200 STD, ERJ 190-200 LR, ERJ 190-200 IGW
Oxley PAR 64 LED Landing Light	CP44346-AC	TC Holder P/N's 4559, Q4559, Q4559X, Q5559, 4557, 4557X, 5557, 5557X	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CP44346 <u>Rev:</u> 3 <u>Dated:</u> 5/26/16 or later FAA-approved revisions	Airbus	A318-111, A318-112, A318-121, A318-122 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A320-251N, A320-271N, A320-216 A321-111, A321-112, A321-131, A321-211, A321-231, A321-212, A321-213, A321-232, A321-271N A330-201, A330-202, A330-203, A330-223, A330-243 A330-223F, A330-243F A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, A330-343 A340-211, A340-212, A340-213 A340-311, A340-312, A340-313 A340-541, A340-642
				The Boeing Company	DC-9-11, DC-9-12, DC-9-13, DC-9-14, DC-9-15, DC-9-15F, DC-9-21, DC-9-31, DC-9-32, DC-9-32F, DC-9-33F, DC-9-34, DC-9-41, DC-9-51 DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88 MD-90-30, 717-200 727, 727-100, 727C, 727-100C, 727-200, 727-200F 737-100, 737-200, 737-200C, 737-300, 737-400, 737-500, 737-700, 737-800, 737-600, 737-700C, 737-900, 737-900ER 747-100, 747-200B, 747-200F, 747-200C, 747SR, 747SP, 747-100B, 747-300, 747-100B SUD, 747-400, 747-400D, 747-400F, 747-8F, 747-8 757-200, 757-200PF, 757-200CB, 757-300 767-200, 767-300, 767-300F, 767-400ER 777-200, 777-300, 777-300ER, 777-200LR



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				Bombardier	DHC-8-400
				Embraer	EMB-145, EMB-145ER, EMB-145MR, EMB-145LR, EMB-135ER, EMB-135LR, EMB-135KE, EMB-135KL, EMB-135BJ, EMB-145XR, EMB-145MP, EMB-145EP, ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU, ERJ-190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 ECJ, ERJ 190-200 STD, ERJ 190-200 LR, ERJ 190-200 IGW
Oxley PAR 64 LED Landing Light	CP45324	TC Holder P/N's 4559, Q4559, Q4559X, Q5559, 4557, 4557X, 5557, 5557X	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> CP45324 <u>Rev:</u> 2 <u>Dated:</u> 10/11/16 or later FAA-approved revisions	Airbus	A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A320-251N, A320-271N, A320-216, A321-111, A321-112, A321-131, A321-211, A321-231, A321-212, A321-213, A321-232, A321-271N, A330-201, A330-202, A330-203, A330-223, A330-243, A330-223F, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, A330-343, A340-211, A340-212, A340-213, A340-311, A340-312, A340-313, A340-541, A340-642
				The Boeing Company	DC-9-11, DC-9-12, DC-9-13, DC-9-14, DC-9-15, DC-9-15F, DC-9-21, DC-9-31, DC-9-32, DC-9-32F, DC-9-33F, DC-9-34, DC-9-41, DC-9-51, DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88, MD-90-30, 717-200, 727, 727-100, 727C, 727-100C, 727-200, 727-200F, 737-100, 737-200, 737-200C, 737-300, 737-400, 737-500, 737-700, 737-800, 737-600, 737-700C, 737-900, 737-900ER



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					747-100, 747-200B, 747-200F, 747-200C, 747SR, 747SP, 747-100B, 747-300, 747-100B SUD, 747-400, 747-400D, 747-400F, 747-8F, 747-8 757-200, 757-200PF, 757-200CB, 757-300 767-200, 767-300, 767-300F, 767-400ER 777-200, 777-300, 777-300ER, 777-200LR
				Bombardier	DHC-8-400
				Embraer	EMB-145, EMB-145ER, EMB-145MR, EMB-145LR, EMB-135ER, EMB-135LR, EMB-135KE, EMB-135KL, EMB-135BJ, EMB-145XR, EMB-145MP, EMB-145EP ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU ERJ-190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 ECJ, ERJ 190-200 STD, ERJ 190-200 LR, ERJ 190-200 IGW

------(END OF DATA)-----

GENERAL NOTES:

Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA

The FAA accepted the ICA approach for the above articles with their designs. The ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements for supplemental ICA readily available per 14 CFR 21.50.

for Nicholas Faust, Acting Manager, Boston
Aircraft Certification Office

Acting for Eileen Murphy, Manager
Bradley Manufacturing Inspection
District Office