



**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

**WAMCO, INC.  
17752 FITCH  
IRVINE, CA 92614**

**PMA NO: PQ2447NM  
SUPPLEMENT NO: 1  
DATE: January 7, 2016**

| <b>PART NAME</b>      | <b>PART NUMBER</b> | <b>APPROVED REPLACEMENT FOR PART NUMBER</b> | <b>APPROVAL BASIS AND APPROVED DESIGN DATA</b>   | <b>MAKE ELIGIBILITY</b> | <b>MODEL ELIGIBILITY</b>   |
|-----------------------|--------------------|---|--|-------------------------|--|
| Incandescent Displays | KW 205AL           | KW 205AL                                    | Identicality per<br>14 CFR § 21.303<br>Dwg No: CRW-0012-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | McDonnell<br>Douglas    | DC-9-11<br>DC-9-12<br>DC-9-13<br>DC-9-14<br>DC-9-15<br>DC-9-15F<br>DC-9-21<br>DC-9-31<br>DC-9-32<br>DC-9-32(VC-9C)<br>DC-9-32F<br>DC-9-32F(C-9A, C-9B)<br>DC-9-33F<br>DC-9-34<br>DC-9-34F<br>DC-9-41<br>DC-9-51<br>DC-9-81(MD-81)<br>DC-9-82(MD-82)<br>DC-9-83(MD-83)<br>DC-9-87(MD-87)<br>MD-88<br>MD-90-30 |

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|-----------------------|---------------|--------------------------------------|--|----------------------|----------------------|
| Incandescent Displays | KW 205S-PM-TB | KW 205S-PM-TB                        | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0014-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | McDonnell<br>Douglas | 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-9-32(VC-9C)       |
|                       |               |                                      |  |                      | DC-9-32F             |
|                       |               |                                      |  |                      | DC-9-32F(C-9A, C-9B) |
|                       |               |                                      |  |                      | DC-9-33F             |
|                       |               |                                      |  |                      | DC-9-34              |
|                       |               |                                      |  |                      | DC-9-34F             |
|                       |               |                                      |  |                      | 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              |               |                                      |  |                      |                      |
| Incandescent Displays | KW 205S-TB    | KW 205S-TB                           | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0013-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | McDonnell<br>Douglas | 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-9-32(VC-9C)       |
|                       |               |                                      |  |                      | DC-9-32F             |
|                       |               |                                      |  |                      | DC-9-32F(C-9A, C-9B) |
|                       |               |                                      |  |                      | DC-9-33F             |
|                       |               |                                      |  |                      | DC-9-34              |
|                       |               |                                      |  |                      | DC-9-34F             |
|                       |               |                                      |  |                      | 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              |               |                                      |  |                      |                      |

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|-----------------------|-------------|--------------------------------------|---|----------------------|--|
| Incandescent Displays | KW 105S-TB  | KW 105S-TB                           | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0016-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions  | McDonnell<br>Douglas | DC-9-11<br>DC-9-12<br>DC-9-13<br>DC-9-14<br>DC-9-15<br>DC-9-15F<br>DC-9-21<br>DC-9-31<br>DC-9-32<br>DC-9-32(VC-9C)<br>DC-9-32F<br>DC-9-32F(C-9A, C-9B)<br>DC-9-33F<br>DC-9-34<br>DC-9-34F<br>DC-9-41<br>DC-9-51<br>DC-9-81(MD-81)<br>DC-9-82(MD-82)<br>DC-9-83(MD-83)<br>DC-9-87(MD-87)<br>MD-88<br>MD-90-30 |
| Incandescent Displays | KW 205S     | KW 205S                              | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0019-00<br>Rev: None<br>Date: 5/28/04<br>or later FAA approved revisions | McDonnell<br>Douglas | DC-9-11<br>DC-9-12<br>DC-9-13<br>DC-9-14<br>DC-9-15<br>DC-9-15F<br>DC-9-21<br>DC-9-31<br>DC-9-32<br>DC-9-32(VC-9C)<br>DC-9-32F<br>DC-9-32F(C-9A, C-9B)<br>DC-9-33F<br>DC-9-34<br>DC-9-34F<br>DC-9-41<br>DC-9-51<br>DC-9-81(MD-81)<br>DC-9-82(MD-82)<br>DC-9-83(MD-83)<br>DC-9-87(MD-87)<br>MD-88<br>MD-90-30 |

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|-----------------------|---------------|--------------------------------------|--|----------------------|--|
| Incandescent Displays | KW 105S       | KW 105S                              | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0017-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | McDonnell<br>Douglas | DC-9-11<br>DC-9-12<br>DC-9-13<br>DC-9-14<br>DC-9-15<br>DC-9-15F<br>DC-9-21<br>DC-9-31<br>DC-9-32<br>DC-9-32(VC-9C)<br>DC-9-32F<br>DC-9-32F(C-9A, C-9B)<br>DC-9-33F<br>DC-9-34<br>DC-9-34F<br>DC-9-41<br>DC-9-51<br>DC-9-81(MD-81)<br>DC-9-82(MD-82)<br>DC-9-83(MD-83)<br>DC-9-87(MD-87)<br>MD-88<br>MD-90-30 |
| Incandescent Displays | KW 205S-DP-TB | KW 205S-DP-TB                        | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0015-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | McDonnell<br>Douglas | DC-9-11<br>DC-9-12<br>DC-9-13<br>DC-9-14<br>DC-9-15<br>DC-9-15F<br>DC-9-21<br>DC-9-31<br>DC-9-32<br>DC-9-32(VC-9C)<br>DC-9-32F<br>DC-9-32F(C-9A, C-9B)<br>DC-9-33F<br>DC-9-34<br>DC-9-34F<br>DC-9-41<br>DC-9-51<br>DC-9-81(MD-81)<br>DC-9-82(MD-82)<br>DC-9-83(MD-83)<br>DC-9-87(MD-87)<br>MD-88<br>MD-90-30 |

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|-----------------------|--------------------|---|--|-------------------------|--|
| Incandescent Displays | KW 104S            | KW 104S                                     | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0009-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | Boeing                  | 737-700 Series<br>737-800 Series<br>737-600 Series<br>737-700C Series<br>737-900 Series<br>757-200 Series<br>757-200PF Series<br>757-200CB Series<br>757-300 Series<br>767-200 Series<br>767-300 Series<br>767-300F Series<br>767-400ER Series |
| Incandescent Displays | KW 104S-EW         | KW 104S-EW                                  | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0011-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | Boeing                  | 737-700 Series<br>737-800 Series<br>737-600 Series<br>737-700C Series<br>737-900 Series<br>757-200 Series<br>757-200PF Series<br>757-200CB Series<br>757-300 Series<br>767-200 Series<br>767-300 Series<br>767-300F Series<br>767-400ER Series |
| Incandescent Displays | KW 104S-NS         | KW 104S-NS                                  | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0010-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | Boeing                  | 737-700 Series<br>737-800 Series<br>737-600 Series<br>737-700C Series<br>737-900 Series<br>757-200 Series<br>757-200PF Series<br>757-200CB Series<br>757-300 Series<br>767-200 Series<br>767-300 Series<br>767-300F Series<br>767-400ER Series |

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| Incandescent Displays | KW 205S-DP  | KW 205S-DP                           | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0020-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions  | Gulfstream       | G-IV  |
| Incandescent Displays | KW 205SL-1  | KW 205SL-1                           | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0021-00<br>Rev: None<br>Date: 5/28/04<br>or later FAA approved revisions | Gulfstream       | G-IV  |
| Incandescent Displays | KW 105AL    | KW 105AL<br>2227769-1                | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0018-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions  | Boeing           | 767-200 Series<br>767-300 Series<br>767-300F Series<br>767-400ER Series   |
| Incandescent Displays | KW 204S     | KW 204S                              | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0027-00<br>Rev: 1<br>Date: 6/23/03<br>or later FAA approved revisions    | Airbus           | A300 Model B2-1A<br>A300 Model B2-1C<br>A300 Model B2-203<br>A300 Model B2K-3C<br>A300 Model B4-103<br>A300 Model B4-203<br>A300 Model B4-2C<br>A300B4-601<br>A300B4-603<br>A300B4-605R<br>A300B4-620<br>A300B4-622R<br>A300F4-605R<br>A300F4-622R<br>A300 Model C4-605 |
| Incandescent Displays | KW 205S-PM  | KW 205S-PM<br>536173-901             | Identity per<br>14 CFR § 21.303<br>Dwg No: CRW-0029-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions  | SAAB             | 340B<br>SF340A  |

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|-----------------------|-------------|--------------------------------------|--|------------------|--|
| Incandescent Displays | KW 304S     | KW 304S                              | Identicality per<br>14 CFR § 21.303<br>Dwg No: CRW-0031-00<br>Rev: None<br>Date: 4/5/04<br>or later FAA approved revisions | BEECH            | 400  |
| Halogen Lamps         | WL-A103     | CM8-A103<br>29100A2140054K           | Identicality per<br>14 CFR § 21.303<br>Dwg No: WL-A103<br>Rev: None<br>Date: 4/10/03<br>or later FAA approved revisions    | Airbus           | A319 Model -111<br>A319 Model -112<br>A319 Model -113<br>A319 Model -114<br>A319 Model -115<br>A319 Model -131<br>A319 Model -132<br>A319 Model -133<br>A320 Model -111<br>A320 Model -211<br>A320 Model -212<br>A320 Model -214<br>A320 Model -231<br>A320 Model -232<br>A320 Model -233<br>A321 Model -111<br>A321 Model -112<br>A321 Model -131<br>A321 Model -211<br>A321 Model -231<br>A330-201<br>A330-202<br>A330-203<br>A330-301<br>A330-223<br>A330-321<br>A330-322<br>A330-323<br>A330-243<br>A330-341<br>A330-342<br>A330-343<br>A340-211<br>A340-311<br>A340-212<br>A340-312<br>A340-213<br>A340-313<br>A340-642<br>A340-541 |

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|--------------------|-------------|--------------------------------------|--|------------------|---|
| Incandescent Lamps | WL-1308     | 1308                                 | Identity per<br>14 CFR § 21.303<br>Dwg No: WL-1308<br>Rev: None<br>Date: 7/19/00<br>or later FAA approved revisions  | Boeing           | 747-400 Series  |
| Incandescent Lamps | WL-2233     | 2233                                 | Identity per<br>14 CFR § 21.303<br>Dwg No: WL-2233<br>Rev: None<br>Date: 3/7/00<br>or later FAA approved revisions   | Boeing           | 747-400 Series  |
| Halogen Lamps      | WL-3078     | GE3078                               | Identity per<br>14 CFR § 21.303<br>Dwg No: WL-3078<br>Rev: None<br>Date: 3/25/04<br>or later FAA approved revisions  | Boeing           | 767-200 Series<br>767-300 Series<br>767-300F Series<br>767-400ER Series                 |
| Halogen Lamps      | WL-2059     | 2059                                 | Identity per<br>14 CFR § 21.303<br>Dwg No: WL-2059<br>Rev: None<br>Date: 7/21/03<br>or later FAA approved revisions  | Boeing           | 747-400 Series  |
| Halogen Lamps      | WL-2059X    | 2059X                                | Identity per<br>14 CFR § 21.303<br>Dwg No: WL-2059X<br>Rev: None<br>Date: 7/21/03<br>or later FAA approved revisions | Boeing           | 777-200 Series<br>777-300 Series<br>777-300ER Series                                    |
| Xenon Lamps        | WL-9204     | 9204                                 | Identity per<br>14 CFR § 21.303<br>Dwg No: WL-9204<br>Rev: None<br>Date: 11/30/03<br>or later FAA approved revisions | Boeing           | 737-700 Series<br>737-800 Series<br>737-600 Series<br>737-700C Series<br>737-900 Series |



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|---------------|-----------------|--------------------------------------|--|------------------|---|
| Halogen Lamps | WL-8GH004554-28 | 8GH004554-28                         | Identicality per<br>14 CFR § 21.303<br>Dwg No: WL-8GH004554-28<br>Rev: 1<br>Date: 6/23/03<br>or later FAA approved revisions | Airbus           | A319 Model -111<br>A319 Model -112<br>A319 Model -113<br>A319 Model -114<br>A319 Model -115<br>A319 Model -131<br>A319 Model -132<br>A319 Model -133<br>A320 Model -111<br>A320 Model -211<br>A320 Model -212<br>A320 Model -214<br>A320 Model -231<br>A320 Model -232<br>A320 Model -233<br>A321 Model -111<br>A321 Model -112<br>A321 Model -131<br>A321 Model -211<br>A321 Model -231<br>A300 Model B2-1A<br>A300 Model B2-1C<br>A300 Model B2-203<br>A300 Model B2K-3C<br>A300 Model B4-103<br>A300 Model B4-203<br>A300 Model B4-2C<br>A300B4-601<br>A300B4-603<br>A300B4-605R<br>A300B4-620<br>A300B4-622R<br>A300F4-605R<br>A300F4-622R<br>A300 Model C4-605 |
| Halogen Lamps | WL-8GH005678-06 | 8GH005678-06                         | Identicality per<br>14 CFR § 21.303<br>Dwg No: WL-8GH005678-06<br>Rev: 1<br>Date: 6/23/03<br>or later FAA approved revisions | Airbus           | A330-201<br>A330-202<br>A330-203<br>A330-301<br>A330-223<br>A330-321<br>A330-322<br>A330-323<br>A330-243<br>A330-341<br>A330-342<br>A330-343  |

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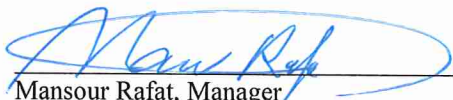
| <b>PART NAME</b> | <b>PART NUMBER</b> | <b>APPROVED REPLACEMENT FOR PART NUMBER</b> | <b>APPROVAL BASIS AND APPROVED DESIGN DATA</b>   | <b>MAKE ELIGIBILITY</b> | <b>MODEL ELIGIBILITY</b>  |
|------------------|--------------------|---|--|-------------------------|---|
| Halogen Lamps    | WL-8GH005448-28    | 8GH005448-28                                | Identicality per<br>14 CFR § 21.303<br>Dwg No: WL-8GH005448-28<br>Rev: 1<br>Date: 6/23/03<br>or later FAA approved revisions | Airbus                  | A319 Model -111<br>A319 Model-112<br>A319 Model-113<br>A319 Model-114<br>A319 Model-115<br>A319 Model-131<br>A319 Model-132<br>A319 Model-133<br>A320 Model-111<br>A320 Model-211<br>A320 Model-212<br>A320 Model-214<br>A320 Model-231<br>A320 Model-232<br>A320 Model-233<br>A321 Model-111<br>A321 Model-112<br>A321 Model-131<br>A321 Model-211<br>A321 Model-231 |

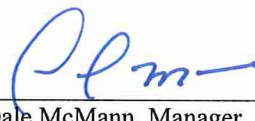
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NOTE:

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. These 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 or supplemental ICA readily available per 14 CFR 21.50.

  
 Mansour Rafat, Manager  
 Systems and Equipment Branch  
 Los Angeles Aircraft Certification Office

  
 Mr. Dale McMann, Manager  
 Los Angeles Manufacturing  
 Inspection District Office