

Docket No. SA-533

Exhibit No. 7-I

**NATIONAL TRANSPORTATION SAFETY BOARD**

**WASHINGTON, D.C.**

Operations Manual Excerpt

(41 Pages)

# CEN09MA142 Section 2

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Attachment 2.1 Operations Manual Excerpt



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<b>DTOC-1</b>	
Date:	12/26/08
Revision:	101

U.S. Department  
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Administration

Operations Specifications

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Certificate No.: COEA135A

Empire Airlines, Inc.

# DTOC-2

Date: 12/26/08

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Empire Airlines, Inc.

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Airplane M/M/S	STC Number	STC Task and Interval(s)	AMOC and Approval Date

g. If the certificate holder uses an approved ICA for a field-approved auxiliary fuel tank that has been installed, enter the airplane M/M/S and registration number, the name of the original equipment manufacturer (OEM) of the auxiliary fuel tank, the approved ICA document containing the ICA, and the date of the approved ICA in Table 5 below. (If this table is not applicable, enter "N/A" into each of the columns).

Table 5 - Airplanes with Field-approved Auxiliary Fuel Tanks Installed

Airplane M/M/S	Registration Number	Fuel Tank OEM	ICA Document Containing the Approved ICA	ICA Document Approval Date

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

  
Bianco, John J.

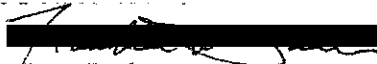
Principal Maintenance Inspector

NM13

4. Date Approval is effective: 12/12/08

Amendment Number: 0

5. I hereby accept and receive the Operations Specifications in this paragraph.

  
James, Frank

Chief Inspector

Date: 12/12/08



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**D72-1**

Date: 09/26/06

Revision: 84

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Operations Specifications

**D072. Aircraft Maintenance - Continuous Airworthiness  
Maintenance Program (CAMP) Authorization**

HQ Control: 09/27/05  
HQ Revision: 01b

- a. The certificate holder is authorized to conduct operations under 14 CFR Part 121/135 of the Federal Aviation Regulations using the aircraft identified in the certificate holder's aircraft listing provided the following conditions are met.
- b. Each aircraft listed in the table below is authorized for use and shall be maintained in accordance with the continuous airworthiness maintenance program and limitations specified in these operations specifications.
- c. The continuous airworthiness maintenance program must be sufficiently comprehensive in scope and detail to fulfill its responsibility to maintain the aircraft in an airworthy condition in accordance with applicable Federal Aviation Regulations and standards prescribed and approved by the Administrator. The program shall be included in the certificate holder's manual.
- d. Each aircraft and its component parts, accessories, and appliances are maintained in an airworthy condition in accordance with the time limits for the accomplishment of the overhaul, replacement, periodic inspection, and routine checks of the aircraft and its component parts, accessories, and appliances. Time limits or standards for determining time limits shall be contained in these operations specifications or in a document approved by the Administrator and referenced in these operations specifications.
- e. Items identified as "on condition" shall be maintained in a continuous airworthy condition by periodic inspections, checks, service, repair, and/or preventive maintenance. The procedures and standards for inspections, checks, service, repair, and/or preventive maintenance, checks or tests, shall be described in the certificate holder's manual.
- f. Parts or subassemblies of components that do not have specific time intervals shall be checked, inspected, and/or overhauled at the same time limitations specified for the component or accessory to which such parts or subassemblies are related or included at the time period indicated for the ATA chapter heading.

Aircraft M/M/S	CAMP Document Name and Number
F-27-MK500	Maintenance Policies and Procedures Manual (PPM) Empire Maintenance Procedures Manual (EMP) Maintenance Limitations Document (MLD) F-27 Cargo Maintenance Workcard Program
F-27-MK600	Maintenance Policies and Procedures Manual (PPM) Empire Maintenance Procedures Manual (EMP) Maintenance Limitations Document (MLD) F-27 Cargo Maintenance Workcard Program

Print Date: 9/14/2006

D072-1  
Empire Airlines, Inc.

Certificate No.: COEA135A

**D72-2**

Date: 09/26/06

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Aircraft M/M/S	CAMP Document Name and Number
ATR-42-300	Maintenance Policies and Procedures Manual (PPM) Empire Maintenance Procedures Manual (EMP) Maintenance Limitations Document (MLD) ATR 42 Inspection Task Card Program (ITC)
ATR-42-320	Maintenance Policies and Procedures Manual (PPM) Empire Maintenance Procedures Manual (EMP) Maintenance Limitations Document (MLD) ATR 42 Inspection Task Card Program (ITC)
ATR- 72-202	Maintenance Policies and Procedures Manual (PPM) Empire Maintenance Procedures Manual (EMP) Maintenance Limitations Document (MLD) ATR 72 Inspection Task Card Program (ITC)
ATR- 72-212	Maintenance Policies and Procedures Manual (PPM) Empire Maintenance Procedures Manual (EMP) Maintenance Limitations Document (MLD) ATR 72 Inspection Task Card Program (ITC)

Print Date: 9/14/2006

D072-2  
Empire Airlines, Inc.

Certificate No.: COEA135A





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**D72-3**


Date: 09/26/06

Revision: 84

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Operations Specifications

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.

  
Bianco, John J.

Principal Maintenance Inspector

NM13

3. Date Approval is effective: 9/14/06

Amendment Number: 12

4. I hereby accept and receive the Operations Specifications in this paragraph.

  
James, Franklin W.

Chief Inspector

Date: 9/14/06

Print Date: 9/14/2006

D072-3  
Empire Airlines, Inc.

Certificate No.: COEA135A

**D72-4**

Date: 09/26/06

Revision: 84

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**D73-1**

Date: 11/09/06

Revision: 85

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Operations Specifications

**D073. Approved Aircraft Inspection Program (AAIP)**

HQ Control: 08/15/97

HQ Revision: 00a

The certificate holder is authorized to use each aircraft listed in the following table for Title 14 CFR Part 135 operations provided each aircraft listed is inspected in accordance with the certificate holder's Approved Aircraft Inspection Program (AAIP).

Registration Number	Serial Number	Aircraft M/M/S
N700FX	C208B0419	CESSNA 208B
N705FX	C208B0425	CESSNA 208B
N709FX	C208B0430	CESSNA 208B
N711FX	C208B0433	CESSNA 208B
N720FX	C208B0452	CESSNA 208B
N728FX	C208B0471	CESSNA 208B
N746FX	C208B0498	CESSNA 208B
N752FX	C208B0517	CESSNA 208B
N756FX	C208B0532	CESSNA 208B
N775FE	C208B0272	CESSNA 208B
N778FE	C208B0275	CESSNA 208B
N779FE	C208B0276	CESSNA 208B
N788FE	C208B0286	CESSNA 208B
N797FE	C208B0042	CESSNA 208B
N850FE	C208B0164	CESSNA 208B
N856FE	C208B0176	CESSNA 208B
N859FE	C208B0181	CESSNA 208B
N873FE	C208B0202	CESSNA 208B
N875FE	C208B0206	CESSNA 208B
N876FE	C208B0207	CESSNA 208B
N880FE	C208B0215	CESSNA 208B
N882FE	C208B0208	CESSNA 208B
N895FE	C208B0015	CESSNA 208B
N897FE	C208B0227	CESSNA 208B
N899FE	C208B0235	CESSNA 208B
N918FE	C208B0018	CESSNA 208B
N940FE	C208B0040	CESSNA 208B
N953FE	C208B0062	CESSNA 208B
N956FE	C208B0068	CESSNA 208B
N960FE	C208B0075	CESSNA 208B
N965FE	C208B0084	CESSNA 208B
N976FE	C208B0103	CESSNA 208B
N983FE	C208B0113	CESSNA 208B
N992FE	C208B0128	CESSNA 208B

Print Date: 11/9/2006

D073-1

Certificate No.: COEA135A

Empire Airlines, Inc.

**D73-2**

Date: 11/09/06

Revision: 85

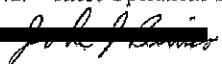
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2. These Operations Specifications are approved by direction of the Administrator.

  
Bianco, John J.

Principal Maintenance Inspector

NM13

3. Date Approval is effective: 11/9/06 Amendment Number: 42
4. I hereby accept and receive the Operations Specifications in this paragraph.

  
Strom, Thomas J.,

Dir. of Maint., Part 121/135

Date: 11/9/06

Print Date: 11/9/2006

D073-2  
Empire Airlines, Inc.

Certificate No.: COEA135A



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**D74-1**

Date: 05/29/07

Revision: 90

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Operations Specifications


**D074. Reliability Program Authorization: Entire Aircraft**      HQ Control: 05/27/99  
HQ Revision: 01c

The certificate holder is authorized to use the provisions of a maintenance reliability program for the aircraft identified in the following table:

Aircraft M/M/S	Document Name and Number	Document Date
FOKKER F27-MK500/MK600	Empire Airlines reliability document (EAR) No. 100	Revision 22 dated May 10, 2006

- a. The program description and the standards for determining maintenance intervals and tasks are contained in the certificate holder's document identified in the table above.
- b. The time limitations for the overhaul, inspections, and checks of the aircraft and related systems including appliances and components controlled by the program shall be contained in the certificate holder's Maintenance Limitations Document.
- c. If the program document is canceled, the maintenance program shall be completely re-evaluated by the FAA. Maintenance and overhaul time limits shall then be re-established by the operator and approved by the FAA.

- 1. Issued by the Federal Aviation Administration.
- 2. Support information reference:
- 3. These Operations Specifications are approved by direction of the Administrator.

  
Bianco, John J.

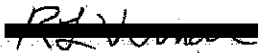
Principal Maintenance Inspector

NM13

4. Date Approval is effective: 5/16/07

Amendment Number: 21

5. I hereby accept and receive the Operations Specifications in this paragraph.

  
Vernon, Richard L.

Chief Inspector

Date: 5/16/07

Print Date: 5/17/2007

D074-1  
Empire Airlines, Inc.

Certificate No.: COEA135A

**D74-2**

Date: 12/16/05

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**D76-1**

Date: 05/29/07

Revision: 90

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Operations Specifications

**D076. Short-Term Escalation Authorization**

HQ Control: 04/27/06  
HQ Revision: 020

a. Subject to the following conditions, limitations, and prohibitions, the certificate holder is authorized to escalate scheduled maintenance intervals, on a short-term basis, for check packages, check package individual line items, or component time-change/task intervals.

b. The conditions, procedures and standards for the technical evaluation and implementation of short-term escalation of scheduled maintenance intervals shall be defined in the certificate holder's manual and shall reflect the following policy:

(1) The basis for a short-term escalation is the emergence of some unforeseen situation, however, the use of short-term escalations must be supported solely on a technical analysis. It cannot be used to compensate for marketing requirements, flight scheduling requirements, poor maintenance practices, or poor maintenance program management.

(2) Short-term scheduled maintenance interval escalations shall not be used on a large scale (escalating numerous aircraft at once) or on a repetitive basis to the extent that it results in a fleet interval extension.

c. Short Term Escalation Intervals. Scheduled maintenance tasks are authorized a maximum 10% not to exceed 500 hours time-in-service. Any scheduled maintenance task short-term escalation that is more restrictive than the maximum times authorized must be listed in Table 1 below.

Table 1

Aircraft M/M/S	Limitations and Provisions That Are More Restrictive Than The Maximum Authorization
F-27-MK500/MK600	A CHECK - 15 HOURS, NOT TO EXCEED 7 CAL DAYS TIS
	B CHECK - 50 HOURS, NOT TO EXCEED 15 CAL DAYS TIS
	B2 CHECK - 100 HOURS, NOT TO EXCEED 20 CAL DAYS TIS
	B3 CHECK - 120 HOURS, NOT TO EXCEED 30 CAL DAYS TIS
	C CHECK - 120 HOURS, NOT TO EXCEED 30 CAL DAYS TIS
	C2 CHECK - 200 HOURS, NOT TO EXCEED 45 CAL DAYS TIS
	C3 CHECK - 250 HOURS, NOT TO EXCEED 45 CAL DAYS TIS
ATR42-300/320 series	D CHECK - 250 HOURS, NOT TO EXCEED 45 CAL DAYS TIS
	24 Month Check - NOT TO EXCEED 30 CAL DAYS
	96 Month Check - NOT TO EXCEED 30 CAL DAYS

d. Special Considerations for Operations Under A U.S. Military Contract. This authorization does not permit use of a short-term escalation when the sole justification is a military contract requirement. In those cases, deviations to operations specifications extending scheduled maintenance intervals must be specifically authorized by the FAA under the provisions and procedures of Title 14 of the Code of Federal Regulations (14 CFR) § 119.55. However, during operations under a U.S. Military contract if unanticipated or unforeseen situations arise, the air carrier may use this authorization as prescribed in their manual.

e. Prohibitions. The following listed scheduled maintenance intervals may not be escalated under this authorization:

- (1) Intervals specified by FAA Airworthiness Directives;
- (2) Life limits specified by type certificate data sheets;

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D076-1  
Empire Airlines, Inc.

Certificate No.: COBA135A

**D76-2**

Date: 05/29/07

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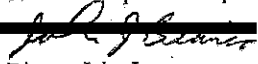


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Operations Specifications

- (3) Certification Maintenance Requirements (CMR) intervals, unless previously approved by the appropriate Aircraft Certification Office;
- (4) Interval limitations specified by minimum equipment lists or configuration deviation lists; and
- (5) Structural sampling periods imposed by maintenance review boards.

- 1. Issued by the Federal Aviation Administration.
- 2. Support information reference:
- 3. These Operations Specifications are approved by direction of the Administrator.

  
Bianco, John J.

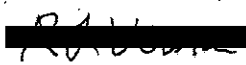
Principal Maintenance Inspector

NM13

4. Date Approval is effective: 5/16/07

Amendment Number: 37

5. I hereby accept and receive the Operations Specifications in this paragraph.

  
Vernon, Richard L.

Chief Inspector

Date: 5/16/07

Print Date: 5/16/2007

D076-2  
Empire Airlines, Inc.

Certificate No.: COBA135A





**D83-2**

Date: 12/16/05

Revision: 78

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**D84-1**

Date: 09/26/06

Revision: 84

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*Operations Specifications*

<b>D084. <u>Special Flight Permit with Continuous Authorization to Conduct Ferry Flights</u></b>	<b>HQ Control: 08/03/06</b>
	<b>HQ Revision: 050</b>

- a. The certificate holder is authorized to conduct ferry flights using a special flight permit with continuous authorization in accordance with the limitations and provisions of this operations specification.
- b. This special flight permit with continuous authorization is the certificate holder's authorization to fly an aircraft that may not meet applicable airworthiness requirements but is capable of safe flight to a base where necessary maintenance or alterations are to be performed.
- c. This authorization applies only to those aircraft maintained under the certificate holder's Continuous Airworthiness Maintenance Program and listed on operations specification Paragraph D085.
- d. This authorization permits an aircraft to be moved to a repair facility to perform work required by an airworthiness directive unless the airworthiness directive states otherwise or it is determined that the aircraft cannot be moved safely.
- e. A copy of this operations specification, or appropriate sections of the certificate holder's manual which restate this permit, shall be carried on board the aircraft when operating under a special flight permit.
- f. Before operating an aircraft that does not meet applicable airworthiness requirements, the certificate holder shall determine that the aircraft can safely be flown to a station where maintenance or alterations are to be performed.
  - (1) The certificate holder shall have the aircraft inspected or evaluated according to procedures in its manual and have a certificated mechanic or repairman certify in the aircraft record that the aircraft is in a safe condition for the flight as specified in the operator's manual.
  - (2) The certificated mechanic or repairman may certify only for the work for which he or she is employed.
- g. This operations specification is not required for conducting a ferry flight with one engine inoperative in accordance with Section 91.611 as long as all the applicable requirements of that section are met.
- h. Only flight crewmembers and persons essential to operations of the aircraft shall be carried aboard during ferry flights where the aircraft flight characteristics may have been appreciably changed or its operation in flight substantially affected.
- i. Flights shall be conducted according to the appropriate special conditions or limitations in the maintenance document listed in table 1 below.

Table 1 - Aircraft Maintenance Documents
Empire Airlines Maintenance Policies and Procedures Manual Chapter 4 Section 6. "This authorization is not applicable to Cessna 208 or 208B aircraft".

- j. Aircraft involved in an accident or incident may not be ferried before it is released by the NTSB and the local FAA District Office is notified.
- k. The certificate holder shall impose any further conditions or limitations necessary for safe flight.

Print Date: 8/10/2006

D084-1  
Empire Airlines, Inc.

Certificate No.: COBA135A

**D84-2**

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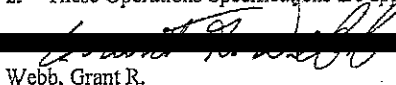
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Operations Specifications

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.

  
Webb, Grant R.

Principal Avionics Inspector

NM13

3. Date Approval is effective: 8/16/06

Amendment Number: 9

4. I hereby accept and receive the Operations Specifications in this paragraph.

  
James, Franklin W.

Chief Inspector

Date: 8/10/06

Print Date: 8/10/2006

D084-2  
Empire Airlines, Inc.

Certificate No.: COEA135A



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**D85-1**

Date: 06/23/08

Revision: 97

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Operations Specifications

**D085. Aircraft Listing**

HQ Control: 09/18/01

HQ Revision: 02b

- a. The certificate holder is authorized to conduct operations under 14 CFR Part 121 using the aircraft identified on this operations specification.

**Table 1. FAR 121 Aircraft**

Registration No.	Serial No.	Nose Number, If Available	Aircraft M/M/S
N908FX	23	N/A	ATR-42-300
N911FX	45	N/A	ATR-42-300
N912FX	47	N/A	ATR-42-300
N913FX	250	N/A	ATR-42-300
N917FX	354	N/A	ATR-42-300
N919FX	266	N/A	ATR-42-300
N900FX	170	N/A	ATR-42-320
N901FX	172	N/A	ATR-42-320
N902FX	175	N/A	ATR-42-320
N903FX	179	N/A	ATR-42-320
N816FX	347	N/A	ATR-72-212
N819FX	359	N/A	ATR-72-212
N821FX	253	N/A	ATR-72-212
N702FE	10350	N/A	F-27-MK600
N703FE	10420	N/A	F-27-MK600
N729FE	10385	N/A	F-27-MK600
N742FE	10349	N/A	F-27-MK600

- b. The certificate holder is authorized to conduct operations under 14 CFR Part 135 using the aircraft identified on this operations specification.

**Table 2. FAR 135 Aircraft**

Registration No.	Serial No.	Aircraft M/M/S
N700FX	C208B0419	CE-208-B
N705FX	C208B0425	CE-208-B
N709FX	C208B0430	CE-208-B
N711FX	C208B0433	CE-208-B
N720FX	C208B0452	CE-208-B
N728FX	C208B0471	CE-208-B
N746FX	C208B0498	CE-208-B
N752FX	C208B0517	CE-208-B
N756FX	C208B0532	CE-208-B
N775FE	C208B0272	CE-208-B
N778FE	C208B0275	CE-208-B
N779FE	C208B0276	CE-208-B
N788FE	C208B0286	CE-208-B
N797FE	C208B0042	CE-208-B
N850FE	C208B0164	CE-208-B
N856FE	C208B0176	CE-208-B
N859FE	C208B0181	CE-208-B
N863FE	C208B0186	CE-208-B
N873FE	C208B0202	CE-208-B
N875FE	C208B0206	CE-208-B

Print Date: 6/10/2008

D085-1  
Empire Airlines, Inc.

Certificate No.: COEA135A

**D85-2**

Date: 06/23/08

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Registration No.	Serial No.	Aircraft M/M/S
N876FE	C208B0207	CE-208-B
N880FE	C208B0215	CE-208-B
N882FE	C208B0208	CE-208-B
N895FE	C208B0015	CE-208-B
N897FE	C208B0227	CE-208-B
N899FE	C208B0235	CE-208-B
N918FE	C208B0018	CE-208-B
N940FE	C208B0040	CE-208-B
N953FE	C208B0062	CE-208-B
N956FE	C208B0068	CE-208-B
N960FE	C208B0075	CE-208-B
N965FE	C208B0084	CE-208-B
N976FE	C208B0103	CE-208-B
N983FE	C208B0113	CE-208-B
N992FE	C208B0128	CE-208-B

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

Bianco, John J.

Principal Maintenance Inspector

NM13

4. Date Approval is effective: 6/10/08 Amendment Number: 99
5. I hereby accept and receive the Operations Specifications in this paragraph.

Strom, Thomas J.,

Dir. of Maint., Part 121/135

Date: 6/10/08

Print Date: 6/10/2008

D085-2  
Empire Airlines, Inc.

Certificate No.: COBA135A



**D89-1**

Date: 08/06/08

Revision: 98

U.S. Department  
of Transportation  
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Operations Specifications

D089. Maintenance Time Limitations Section

HQ Control: 08/15/97  
HQ Revision: 00a

a. The certificate holder is authorized to use the Maintenance Time Limitations specified in the manual/document for the aircraft listed in the table below:

Aircraft M/M/S	Manual/Document Name and Number	Manual/Document Date
ATR-42-300	Maintenance Limitations Document	July 1, 2008
ATR-42-320	Maintenance Limitations Document	July 1, 2008
ATR-72-212	Maintenance Limitations Document	July 1, 2008

b. Each change to an item must be FAA-approved.

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

Barr, Eric A

Principal Avionics Inspector

NM13

4. Date Approval is effective: 7/28/08

Amendment Number: 14

5. I hereby accept and receive the Operations Specifications in this paragraph.

Strom, Thomas J.,

Dir. of Maint., Part 121/135

Date: 7/28/08

Print Date: 7/28/2008

D089-1  
Empire Airlines, Inc.

Certificate No.: COEA135A

**D89-2**

Date: 12/16/05

Revision: 78

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**D90-2**

Date: 12/16/05

Revision: 78

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**D91-1**

Date: 12/26/08

Revision: 101

U.S. Department  
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Federal Aviation  
Administration

Operations Specifications

**D091. Substantial Maintenance Providers (SMP) and All Other Outsource Maintenance Providers (OMP)**      **HQ Control: 01/24/08**  
**HQ Revision: 030**

a. Provided the conditions and limitations of this operations specification are met on a continuing basis, the certificate holder is authorized to arrange with substantial maintenance providers (SMP) and all other outsource maintenance providers (OMP) referenced herein as a person as defined in 14 CFR Section 1.1 as listed in the appropriate Table below.

b. Substantial Maintenance. The certificate holder shall ensure that all substantial maintenance (SM) performed by the organizations or persons listed in Table 1 below, is performed, without deviation, in accordance with the applicable maintenance instructions, the instructions for continued airworthiness, and the suitable parts of its inspections program as described in the certificate holder's appropriate manual. The certificate holder's manual shall address the requirements for the SMPs listed in Table 1 below.

c. The certificate holder shall ensure that the organizations listed in Table 1 below have an adequate organizational structure, and provide competent, appropriately trained, qualified personnel, as well as appropriate and adequate facilities and equipment for the proper performance of SM in accordance with the certificate holder's continuous airworthiness maintenance program.

(1) The certificate holder shall ensure that each person employed by the organizations that provide SM listed in Table 1 below and that prepares an airworthiness release in accordance with 14 CFR Section 121.709, is properly trained, qualified, and authorized to make such an airworthiness release.

(2) The certificate holder shall have a system that detects and identifies, as well as provides timely corrective action for SM, all deficiencies in those portions of its continuous airworthiness maintenance program, including recordkeeping systems that are carried out by the organizations listed in Table 1.

(3) The certificate holder shall ensure that each person employed by the organizations that provide SM listed in Table 1 below, and that determines the adequacy of work performed in accordance with the certificate holder's continuous airworthiness maintenance program is fully informed, as well as appropriately trained about procedures, techniques; and the use of existing, as well as new equipment, and is competent to perform their duties.

(4) The certificate holder shall have a system that tracks and evaluates, on a continuing basis, the quality of the SM work accomplished by the individual contractor. The system shall also include provisions for timely corrective action in the event the quality of work becomes unsatisfactory.

(5) The certificate holder shall ensure that all arrangements, particularly those arrangements with foreign organizations, that are made with the organizations that provide SM as listed in Table 1 below, are not contrary to these operations specifications, the certificate holder's continuous airworthiness maintenance program, or appropriate Title 14 of the Code of Federal Regulations.

**Table 1 – Certificated Repair Stations That Provide Substantial Maintenance**

Authorized Organization or Other Persons	4-Digit Designator of Repair Station	Authorized Equipment	Work Authorized	Date of Authorization
Aero Precision Repair & Overhaul 580 South Military Rd. Deerfield Beach, FL 33442	XPER689K	ATR-42, ATR-72 Landing Gear and associated system components	Repair and Overhaul	10/15/2003

Print Date: 12/11/2008

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Empire Airlines, Inc.

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**D91-2**

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Authorized Organization or Other Persons	4-Digit Designator of Repair Station	Authorized Equipment	Work Authorized	Date of Authorization
Aircraft Propeller Services, Inc. 290 Larkin Drive Wheeling, IL 60090	EY2R811K	ATR-42 - Ham Std 14SF and ATR-72 - Ham Std 247F Propeller series and associated system components	Repair and Overhaul	11/29/2006
Aviation Exteriors Louisiana Inc. 1218 Hanger Drive New Iberia, La 70560	PHPR948K	ATR-42, ATR-72, FOKKER F-27 - Airframe	Aircraft Painting	08/15/2006
Empire Aerospace 11549 North Atlas Road Hayden, Idaho 83835	COER135A	ATR-42, ATR-72, CE-208, F-27; Airframe, Engine, Propeller	Airframe, Engine, Propeller	02/28/2006
M7 Aerospace, LP 10823 N Entrance Rd. San Antonio, Tx 78216	G78R691X	ATR-42, ATR-72	Airframe, Powerplant, Instruments and Accessories Repair and Overhaul	07/30/2007
Pacific Propeller 5802 South 228th Street Kent, WA 98032	NQ3R719L	ATR-42 - Ham Std 14SF and ATR-72 - Ham Std 247F Propeller series and associated system components	Repair and Overhaul	08/15/2006
Piedmont Aviation Component Services 1031 East Mountain Street, Bldg 320 Kernersville, NC 27284	QKPR504X	F-27, ATR-42 & ATR-72 - Landing Gear and associated system components	Repair and Overhaul	08/15/2006
Piedmont Aviation Component Services 3817 Liberty Street Winston - Salem, NC 27105	QWPR503X	F-27, ATR-42 & ATR-72 - Hamilton Standard 14SF Propeller series and associated system components	Repair and Overhaul	08/15/2006
Pratt & Whitney Canada Corporation (PWC) 7007 De La Savane Sainte-Hubert, Quebec Canada J3Y 3X7	AMO 20-00	ATR-42 & ATR-72 - PW 100 Engine series	Repair and Overhaul	09/19/2006
Sigma Aerospace Limited 12 Imperial Way Croydon, Surrey, UK CR9 4LE	FAXY222K	F-27 - Rolls Royce Dart Engine series	Repair and Overhaul	12/15/2005
Volvo Aero Corporation Dept 6710 Trollhattan, Sweden, SE 461 81	SCS5009I	ATR-42 & ATR-72 - PW 100 Engine series	Repair and Overhaul	06/27/2006
Vector Aerospace Engine Services Atlantic Hanger 8 Slemon Park Summerside, PEI, Canada CIN 4P6	AMO 3-92	ATR 42 and ATR-72 PW100 Engine Series	Repair and Overhaul	05/26/2006

d. Certificated Repair Stations That Do Not Accomplish Substantial Maintenance: The certificate holder has arranged with the certificated repair stations that do not accomplish SM to accomplish its required

Print Date: 12/11/2008

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<b>D91-3</b>	
Date:	12/26/08
Revision:	101

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inspections, maintenance, preventive maintenance and alterations including a general description of that work, are listed in Table 2 below (Ref: Title 14 CFR Sections 121.367, 121.369, 121.379):

**Table 2 – Certificated Repair Stations That Do Not Accomplish Substantial Maintenance**

Authorized Organization or Person	4-Digit Designator of Repair Station	Authorized Equipment	Contracted Work or Authorized Work Scope	Date of Contract, Authorization or Agreement


e. The certificate holder shall ensure that the maintenance performed by the organizations or persons listed in Tables 2 and 3 of this operations specification is performed in accordance with the applicable maintenance instructions, the instructions for continued airworthiness, and the appropriate parts of its inspection program as described in the certificate holder's applicable manual.

f. Non-certificated Repair Facilities to Include Other Persons. The non-certificated repair facilities or other persons with which the certificate holder has arranged to accomplish its required inspections, maintenance, preventive maintenance and alterations including a general description of work are listed in Table 3 below (Ref: 14 CFR Sections 121.367, 121.369, 121.379):

**Table 3 – Non-Certificated Repair Facilities or Other Persons**

Name of Authorized Non-Certificated Repair Facility or Other Persons	Air carrier tracking or contract number	Contracted to accomplish the following Work Scope and Job Tasks	Authorized to work on the following aircraft, engine, propeller or appliance	Contract, Authorization or Agreement Expiration Date

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

  
Bianco, John J.


Principal Maintenance Inspector

NM13

4. Date Approval is effective: 12/12/08

Amendment Number: 34

5. I hereby accept and receive the Operations Specifications in this paragraph.

  
James, Frank

Chief Inspector

Date: 12/12/08

Print Date: 12/11/2008

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Empire Airlines, Inc.

Certificate No.: COEA135A

**D91-4**

Date: 04/16/07

Revision: 89

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<b>D95-1</b>	
Date:	01/22/08
Revision:	94

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Federal Aviation Administration

Operations Specifications

**D095. Minimum Equipment List (MEL) Authorization**

HQ Control: 08/15/97  
HQ Revision: 020

The certificate holder is authorized to use an approved Minimum Equipment List (MEL) provided the conditions and limitations of this paragraph are met. The certificate holder shall not use an MEL for any aircraft that is not specifically authorized by this paragraph.

a. Authorized Aircraft. The certificate holder is authorized to use an approved MEL for the aircraft listed below provided the conditions and limitations of this paragraph are met:

Aircraft M/M/S
ATR-72-212
ATR-42-300
ATR-42-320
F-27-MK600
CE-208-B

b. Maximum Times Between Deferral and Repair. Except as provided in subparagraph d, the certificate holder shall have items repaired within the time intervals specified for the categories of items listed below:

- (1) Category A. Items in this category shall be repaired within the time interval specified in the remarks column of the certificate holder's approved MEL.
- (2) Category B. Items in this category shall be repaired within 3 consecutive calendar days (72 hours) excluding the calendar day the malfunction was recorded in the aircraft maintenance log and/or record.
- (3) Category C. Items in this category shall be repaired within 10 consecutive calendar days (240 hours) excluding the calendar day the malfunction was recorded in the aircraft maintenance log and/or record.
- (4) Category D. Items in this category shall be repaired within one hundred and twenty (120) consecutive calendar days (2,880 hours), excluding the day the malfunction was recorded in the aircraft maintenance log and/or record.

c. MEL Management Program. The certificate holder shall develop and maintain a comprehensive program for managing the repair of items listed in the approved MEL. The certificate holder shall include in a document or its manual a description of the MEL management program. The MEL management program must include at least the following provisions:

- (1) A method which provides for tracking the date and when appropriate, the time an item was deferred and subsequently repaired. The method must include a supervisory review of the number of deferred items per aircraft and a supervisory review of each deferred item to determine the reason for any delay in repair, length of delay, and the estimated date the item will be repaired.
- (2) A plan for bringing together parts, maintenance personnel, and aircraft at a specific time and place for repair.
- (3) A review of items deferred because of the unavailability of parts to ensure that a valid back order exists with a firm delivery date.
- (4) A description of specific duties and responsibilities by the job title of personnel who manage the MEL management program.

Print Date: 12/21/2007

D095-1  
Empire Airlines, Inc.

Certificate No.: COBA135A

D95-2

Date: 01/22/08

Revision: 94

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of Transportation  
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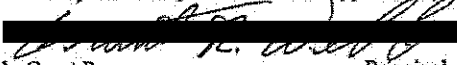
Operations Specifications

(5) Procedures for controlling extensions to specified maximum repair intervals as permitted by subparagraph d, to include the limit of the extension, and the procedures to be used for authorizing extensions.

d. The certificate holder is authorized to use a continuing authorization to approve extensions to the maximum repair interval for category B and C items as specified in the approved MEL provided the responsible Flight Standards District Office is notified within 24 hours of any extension approval.

The certificate holder is not authorized to approve any extensions to the maximum repair interval for category A items or category D items as specified in the approved MEL. The Flight Standards District Office may deny the use of the continuing authorization if abuse is evident.

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

  
 Webb, Grant R. Principal Avionics Inspector NM13

4. Date Approval is effective: 12/25/07 Amendment Number: 22
5. I hereby accept and receive the Operations Specifications in this paragraph.

  
 James, Frank Chief Inspector Date: 12/25/07



Operations Specifications

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**D101. Additional Maintenance Requirements - Aircraft Engine, Propeller, and Propeller Control (Governor)**  
**HQ Control: 08/22/00**  
**HQ Revision: 000**

The certificate holder is authorized to use the following aircraft type identified below in its 14 CFR Part 135 nine seats or less operations provided these aircraft have met the additional maintenance requirements of Section 135.421:

- a. Aircraft Engine. Each installed engine, to include turbosuperchargers, appurtenances and accessories necessary for its functioning shall be maintained in accordance with the maintenance documents listed in the following table. The engine shall be overhauled on or before the time-in-service interval shown in the table.
- b. Propeller and Propeller Control (governor). Each installed propeller and propeller control components supplied by its manufacturer shall be maintained in accordance with the maintenance documents listed in the following table. The propeller and propeller control shall be overhauled on or before the time-in-service interval shown in the table.

**Aircraft Engine, Propeller, and Propeller Control (Governor)**

Airplane Type M/M/S	Engine			Propeller			Governor		
	Make & Model	Maintenance Document	Time-in-Service Interval	Make & Model	Maintenance Document	Time-in-Service Interval	Make & Model	Maintenance Document	Time-in-Service Interval
CE-208-B	P&W PT6A-114-114A	Cessna 208 maintenance manual D2078-13 as revised.	8000 hours	P-1 Hartzell HC-B3MN3/AM1 0083 OR P-2 McCauley 3GFR34C70 3-106GA	Cessna 208 maintenance manual D2078-13 as revised.	P-1 3000 hours or 5 years whichever comes first. P-2 4000 hours or 6 years whichever comes first.	Primary Governor: Woodward 8210-002, -003, -025, -035 series. Overspeed Governor: Woodward 210507	Cessna 208 maintenance manual D2078-13 as revised. Cessna 208 maintenance manual D2078-13 as revised.	Primary Governor: 4500 hours. Overspeed Governor: 6500 hours

D101-2

Date: 12/16/05

Revision: 78

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1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.  
[Redacted]
3. Date Approval is effective: 3/10/03
4. I hereby accept and receive the Operations Specifications in this paragraph.

Bianco, John J.

Principal Maintenance Inspector

NM13

Amendment Number: 21

[Redacted Signature]  
Harrison, David R.

Chief Inspector

Date: 3/10/03



If this page is printed, it is for reference only.

D104-1

Date: 12/16/05

Revision: 78

Operations Specifications

U.S. Department of Transportation Federal Aviation Administration

D104. Additional Maintenance Requirements - Emergency Equipment

HQ Control: 08/22/00 HQ Revision: 000

The certificate holder is authorized to use the following emergency equipment in its 14 CFR Part 135 nine seats or less operations, provided the applicable aircraft have met the additional maintenance requirements of Section 135.421:

- a. Emergency equipment. Each item of installed emergency equipment shall be maintained in accordance with the manufacturer's maintenance documents and/or the limitations and provisions listed in the following table.
(1) In addition to the maintenance document listed in this table, the following specifications must be followed for the applicable listed emergency equipment items:
(a) Oxygen (O2) bottles and liquid fire extinguishers. Inspections, hydrostatic tests, and life limits of pressure vessels manufactured under a DOT specification are accomplished as set forth in 49 CFR Part 173, as amended.
(b) Fire extinguishers. Inspections, hydrostatic tests, and life limits of portable fire extinguishers are accomplished as set forth in 46 CFR Sections 71.25 and 162.028, as amended.
(c) Military-manufactured. Pressure vessels manufactured under a MIL-SPEC are maintained in accordance with the applicable military specifications.
(d) Foreign-manufactured. Foreign-manufactured pressure cylinders are maintained in accordance with the applicable foreign manufacturer's specifications.
(e) Other. Pressure cylinders not manufactured under DOT, foreign, or U.S. MIL-SPECS are maintained in accordance with the applicable aircraft manufacturer's specifications.

Emergency Equipment Items | Emergency Equipment Maintenance Document | Limitations and Provisions

Print Date: 11/14/2000

D104-1 Empire Airlines, Inc.

CERTIFICATE NO.: COEA135A

D104-2

Date: 12/16/05

Revision: 78

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Emergency Equipment Items	Maintenance Document	Limitations and Provisions
Oxygen regulator-Oxygen bottle	Cessna 208 maintenance manual D2078-13 as revised.	Oxygen bottle - 49 CFR Part 173, as amended. Oxygen Regulator : Scott Regulators - Overhaul each five (5) years if on a bottle requiring five (5) year hydrotest. If bottle requirement is three (3) year hydrotest, functional test each three (3) years and overhaul each six (6) years. Puritan-Bennet Regulators - Overhaul each six (6) years if on a bottle requiring three (3) year hydrotest. Overhaul each five (5) years if on a bottle requiring a five (5) year hydrotest.
Extinguisher, halon 1211	Placard Instructions	
Extinguisher, dry chemical	Placard Instructions	
Life Vests	Per OEM manual	1 year/overhaul
Emergency Locator Transmitter	AAIP section A	Test not to exceed one year interval

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.

Principal Maintenance Inspector NM13

Bianco, John J.

Date Approval is effective: 10/17/00

Amendment Number: 20

4. I hereby accept and receive the Operations Specifications in this paragraph.

Harrison, David R.

Chief Inspector

Date: 10/17/00

Print Date: 11/14/2000

D104-2  
Empire Airlines, Inc.

CERTIFICATE NO.: COEA135A



If this page is printed, it is for reference only.

<b>D105-1</b>	
Date:	09/26/06
Revision:	84

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Operations Specifications

**D105. Air Carrier Emergency Evacuation Systems (EES)  
Maintenance Program Requirements**

HQ Control: 02/14/03  
HQ Revision: 00b

Provided the following conditions are met on a continuing basis, the certificate holder is authorized to conduct operations in air transportation:

- a. The certificate holder shall ensure that all maintenance on EES is performed in accordance with the certificate holder's continuous airworthiness maintenance program and its maintenance manual.
- b. The certificate holder shall ensure that scheduled maintenance tasks and intervals assure the continued serviceability and immediate readiness of such equipment for its intended emergency purpose.
- c. The certificate holder shall ensure that scheduled maintenance is established for the purpose of determining that all components of the emergency equipment are complete and serviceable and may be expected to remain in this condition until the next scheduled maintenance check or actual use under emergency conditions.
- d. The certificate holder shall ensure that an adequate organizational structure and competent, appropriately trained, qualified personnel, as well as appropriate and adequate facilities and equipment, are provided for the proper performance of any EES maintenance in accordance with the certificate holder's continuous airworthiness maintenance program and maintenance manual.
- e. After any on-aircraft EES maintenance is performed, the certificate holder shall ensure that an airworthiness release or logbook entry is prepared in accordance with 14 CFR Section 121.709.
- f. The certificate holder shall ensure that its system, conforming to 14 CFR Section 121.373, detects and identifies, as well as provides timely corrective action for, all deficiencies in those portions of its continuous airworthiness maintenance program and maintenance manual related to EES, including report and recordkeeping systems.
- g. The certificate holder shall have a means to ensure that each person who determines the adequacy of EES maintenance is appropriately trained and qualified and is fully informed in EES maintenance procedures and techniques, and the use of existing, as well as new, equipment, and is competent to perform their duties.
- h. The certificate holder shall have a system that tracks and evaluates, on a continuing basis, each failure of an EES required to be reported under 14 CFR Section 121.703(a)(17). The system shall also include provisions for timely corrective action of the root cause(s) involved in an EES failure that is required to be reported under 14 CFR Section 121.703(a)(17).
- i. EES scheduled maintenance shall be clearly identifiable in the maintenance time limitations.

Print Date: 8/3/2006

D105-1  
Empire Airlines, Inc.

Certificate No.: COEA135A

**D105-2**

Date: 09/26/06

Revision: 84

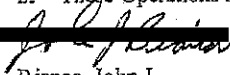
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Operations Specifications

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.

  
Bianco, John J.

Principal Maintenance Inspector

NM13

3. Date Approval is effective: 8/4/06 Amendment Number: 0
4. I hereby accept and receive the Operations Specifications in this paragraph.

  
Strom, Thomas J.,

Dir. of Maint., Part 121/135

Date: 8/4/06

Print Date: 8/3/2006

D105-2  
Empire Airlines, Inc.

Certificate No.: COEA135A

Operations Specifications

**D485. Aging Airplane Inspection and Records Review**

HQ Control: 07/09/08  
 HQ Revision: 00a

U.S. Department  
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 Administration

- a. The Aging Aircraft Safety Act of 1991 requires the Administrator to make inspections and review the maintenance and other records of each aircraft an air carrier uses to provide air transportation. The certificate holder who conducts operations under 14 CFR Part 121, Part 135, or Part 129 using the airplanes identified on this Operations Specification may not use those airplanes in air transportation unless inspections are accomplished as required by the applicable regulations in 14 CFR Part 121, Part 135, or Part 129, as applicable.
- b. The airplanes that this inspection and records review is applicable to include:
  - (1) All Part 121 airplanes (14 CFR Section 121.1105)
  - (2) All Part 135 multi-engine airplanes used in scheduled service (14 CFR Section 135.422/423)
  - (3) All Part 129 U.S.-registered multi-engine airplanes (14 CFR Section 129.105).
- c. The airplanes that may be excluded from this inspection and records review are:
  - (1) Airplanes operated solely within the state of Alaska
  - (2) Airplanes that are operated under 14 CFR Part 135 as "On-Demand"
  - (3) Airplanes in storage and not currently being operated under 14 CFR Part 121, 135, or 129 operations (However, the required records review and inspection must be accomplished before such airplanes in storage may be placed into service after the applicable compliance date in accordance with the sections of the CFR listed in subparagraph b above)
  - (4) Airplanes that have not reached the age of the required records review and inspection.
- d. This paragraph serves as notification to the FAA of completion of the required records review and airplane inspection to comply with the Aging Airplane Safety Act. Official Notification to the operator will be made by the CHDO and this date will be used to determine due date of next required inspection. Table 1 of this document must be completed as described in subparagraph e below.
- e. *Paragraph Completion Instructions. The following instructions are to be used to complete the required records and airplane inspection in Table 1 of this paragraph. Remember: ALL cells in the table MUST be filled out before activating the paragraph.*
  - (1) Load ALL airplanes in the certificate holder's Aircraft Authorization information into Columns 1, 2, 3 and 4.
  - (2) For each airplane that requires this records review and inspection:
    - a. Enter the date of airplane manufacture as indicated on the airframe data plate or the original airworthiness certificate, whichever is oldest, in Column 5.
    - b. Enter "Not Completed" in Column 6, Column 7, and Column 8, as applicable, to indicate that the inspection and/or records review has not yet been complete.
    - c. When the appropriate inspection is complete, insert the month and year of the accomplishment in Column 6 and Column 7, as applicable.

Print Date: 07/24/2008

D485-1  
 Empire Airlines, Inc.

CERTIFICATE NO.: COEA135A

D485-2

Date: 08/06/08

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d. When both inspections are complete, enter the date (month/year) that the official notification was sent to the certificate holder in Column 8.

(3) For airplanes that are operated solely within the state of Alaska:

- a. Load the airplanes in Columns 1 through 4 per Item (1) above.
b. Select and enter "Alaska Intrastate-N/A" (for not applicable) in EACH of the following columns: Column 5, Column 6, Column 7, and Column 8.

(4) For airplanes that are operated under 14 CFR Part 135 as "On-Demand":

- a. Load the airplanes in Columns 1 through 4 per Item (1) above.
b. Select and enter "On Demand (135)-N/A" (for not applicable) in EACH of the following columns: Column 5, Column 6, Column 7, and Column 8.

(5) For airplanes in storage that will not have the required records review and inspection accomplished:

- a. Load the airplanes in Columns 1 through 4 per Item (1) above.
b. Enter the date of airplane manufacture as indicated on the airframe data plate or the original airworthiness certificate, whichever is oldest, in Column 5.
c. Select and enter "Storage-Not Completed" in EACH of the following columns: Column 6, Column 7, and Column 8.

(6) For airplanes that have not reached the age where the required records review and inspection must be accomplished:

- a. Load the airplanes in Columns 1 through 4 per Item (1) above.
b. Enter the date of airplane manufacture as indicated on the airframe data plate or the original airworthiness certificate, whichever is oldest, in Column 5.
c. Select and enter "Below Threshold-N/A" (for not applicable) in EACH of the following columns: Column 6, Column 7, and Column 8.

f. Process the paragraph and activate it. This paragraph may be considered valid if completed, signed, and activated by the FAA. It does not require the signature of the operator for the paragraph and its data to be considered valid.

TABLE 1 (\*These will be loaded from the Certificate Holder's Aircraft Authorization airplane information.)

Table with 8 columns: \*Registration No. (Col. 1), \*Serial No. (Col. 2), \*Nose Number, If Applicable (Col. 3), \*Airplane M/M/S (Col. 4), Date of Airplane Manufacture (Col. 5), Airplane Inspection Completed (Col. 6), Records Review Completed (Col. 7), Operator Notification (Col. 8). Rows include aircraft N908FX, N911FX, N912FX, N913FX, N917FX, N919FX.

Print Date: 07/24/2008

D485-2

Empire Airlines, Inc.

CERTIFICATE NO.: COEA135A





**D485-3**

Date: 08/06/08

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*Registration No. (Col. 1)	*Serial No. (Col. 2)	*Nose Number, If Applicable (Col. 3)	*Airplane M/M/S (Col. 4)	Date of Airplane Manufacture (Col. 5)	Airplane Inspection Completed (Col. 6)	Records Review Completed (Col. 7)	Operator Notification (Col. 8)
N900FX	170	N/A	ATR-42-320	01/1990	Not Completed	Not Completed	Not Completed
N901FX	172	N/A	ATR-42-320	01/1990	Not Completed	Not Completed	Not Completed
N902FX	175	N/A	ATR-42-320	02/1990	Not Completed	Not Completed	Not Completed
N903FX	179	N/A	ATR-42-320	02/1990	Not Completed	Not Completed	Not Completed
N816FX	347	N/A	ATR-72-212	01/1993	Not Completed	Not Completed	Not Completed
N819FX	359	N/A	ATR-72-212	09/1993	Not Completed	Not Completed	Not Completed
N821FX	253	N/A	ATR-72-212	09/1991	Not Completed	Not Completed	Not Completed
N702FE	10350	N/A	F-27-MK600	01/1968	11/16/2006	11/16/2006	11/27/2006
N703FE	10420	N/A	F-27-MK600	11/1969	07/21/2006	07/21/2006	07/21/2006
N729FE	10385	N/A	F-27-MK600	12/1968	04/20/2006	04/20/2006	04/20/2006
N742FE	10349	N/A	F-27-MK600	01/1968	09/14/2006	09/14/2006	09/14/2006

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

Bar, Eric A. [Signature] Principal Avionics Inspector NMI3

Amendment Number: 15

4. Date Approval is effective: 7/24/08

5. I hereby accept and receive the Operations Specifications in this paragraph.

Sironi, Thomas J., Dir. of Maint., Part 121/135 Date: 7/24/08

Print Date: 07/24/2008

D485-3  
Empire Airlines, Inc.

CERTIFICATE NO.: COEA135A

**D485-4**

Date: 12/16/05

Revision: 78

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