

FIGURE 84-3

Listing of Special Authorizations or Limitations

	<u>Reference Paragraphs</u>
Conduct North Atlantic Operations (NAT/OPS) with two-engine airplanes under Part 121.	B41
Conduct-Extended Range Operations with two-engine airplanes (ER-OPS) under Part 121.	B42
Use an approved Carry-on Baggage Program.	A11
Comply with the rules applicable to domestic operations in the conduct of scheduled operations to certain foreign airports.	A12
Conduct operations using lower than standard takeoff minimums under Part 121.	C56
Conduct airplane operations using lower than standard takeoff minimums under Part 135.	C57
Conduct helicopter operations using lower than standard takeoff minimums under Part 135.	H106
Use powerplant reversing systems for rearward taxi in airplane operations.	C65
Conduct turbojet airplane takeoff operations in tailwind conditions.	C66
Conduct IFR operations outside controlled airspace.	A14
Conduct Airplane Category II operations.	C59
Conduct Airplane Category III operations.	C60
Conduct Helicopter Category II operations.	H108
Conduct Helicopter Category III operations.	H109
Use flight control guidance systems for airplane automatic landing operations.	C61
Use flight control guidance systems for helicopter automatic landing operations.	H110
Use manually flown flight control guidance systems certified for airplane landing operations.	C62

FIGURE 84-3-(cont.)

	<u>Reference Paragraphs</u>
Use manually flown flight control guidance systems certified for helicopter landing operations.	H111
Conduct airplane approach operations using an area navigation system.	C63
Conduct helicopter approach operations using an area navigation system.	H112
Conduct Class I navigation using an area navigation system.	B34
Conduct Class I navigation in the U.S. Positive Control Area (PCA) using area navigation systems.	B35
Conduct Class II navigation using long-range navigation systems or a flight navigator.	B36
Conduct operations in Central East Pacific (CEPAC) Composite Airspace.	B37
Conduct operations in North Pacific (NOPAC) Airspace.	B38
Conduct operations in North Atlantic Minimum Navigation Performance Specifications Airspace (NAT/MNPS).	B39
Conduct operations in areas of magnetic unreliability.	B40
Conduct planned redispach or rerelease en route operations.	B44
Use automotive gasoline fuel in reciprocating engine powered aircraft.	A19
Use an autopilot system in lieu of a required second-in-command.	A15
Conduct airplane operations without instrument rated pilots.	A20
Conduct emergency medical helicopter operations.	A21
Conduct scheduled passenger helicopter operations.	A18
Use an approved security program in helicopter operations.	A17
Conduct IFR helicopter en route descent (HEDA) procedures.	H104

FIGURE 84-3-(cont.)

	<u>Reference Paragraphs</u>
Use a reliability program for the entire aircraft.	D74
Use a reliability program for airframe, powerplant, systems or selected items.	D75
Use short-term escalation.	D76
Contractually arrange with other certificated operators for maintenance of the entire aircraft.	D77
Contractually arrange with other certificated operators for specific maintenance.	D78
Contractually arrange with another certificated operator for a reliability program.	D79
Use a maintenance program for leased U.S. registered aircraft.	D80
Participate in a parts pool agreement.	D81
Prorate times.	D82
Borrow parts.	D83
Conduct ferry flights under special flight permits with continuing authorization.	D84
Use an Extended-Range Operation (ER-OPS) aircraft maintenance program.	D86
Use a maintenance program for leased foreign registered aircraft.	D87
Use a separate approved document or approved manual section for time limitations.	D88
Use an approved Minimum Equipment List (MEL).	D95

FIGURE 84-4

**Deviation Subject Areas Requiring Operations
Specifications Paragraphs**

<u>APPROPRIATE FAR'S</u>	<u>SUBJECT</u>	<u>PARAGRAPH NUMBER</u>
Various, depends on operating regulation, management position, and qualifications	Management	A6
FAR 121.339 (a) (2) (3) and (4)	Extended Over Water Operations without life rafts	A13
FAR's 135.21 (a), 135.37 (b), and 135.341 (a)	Basic Part 135 Operator On-Demand Operations Only	A16
FAR's 135.21 (a), 137.37 (b), and 135.341 (a)	Basic Part 135 Operator Commuter and On-Demand	A16
FAR's 135.21 (a), 135.37 (b), and 135.341 (a)	Single Pilot-in-Command Operator	A16
FAR 121.161 (a)	Extended-Range Operations with Two-Engine Airplanes	B42
FAR 121.645 (b) (2)	Special Fuel Reserves in International (Flag) Operations	B43

FIGURE 84-5

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D71. ADDITIONAL MAINTENANCE REQUIREMENTS (10/05/90).

The aircraft identified below shall not be used in Part 135 operations unless the following additional maintenance requirements of Section 135.421 are met:

AIRCRAFT MAKE AND MODEL	
PIPER PA 600	BELL 206B
PIPER 31T	
CESSNA T207A	
CESSNA T210N	

- a. Each installed engine, its component parts, and accessories necessary for its function shall be maintained in an airworthy condition in accordance with the following maintenance documents. The engine, its component parts, and accessories shall be overhauled on or before the time-in-service interval shown in Table 1.

Table 1

ENGINE MAKE AND MODEL	MAINTENANCE DOCUMENT	TIME-IN-SERVICE INTERVAL
LYC IO540K1JB	PIPER SERVICE MANUAL 761732	2,000 HOURS
P&W PT6A-28	PIPER SERVICE MANUAL 761-664. TREND MONITORING I.A.W. S/B 1003 P&W OVHL MANUAL 301-3243	H.S.I.-O.C. 3,500 HOURS
CONT TSIO-520M	CESSNA SERVICE MANUAL D2060-13	1,500 HOURS
CONT TSIO-520R	CESSNA SERVICE MANUAL D2035-13	1,500 HOURS
ALLISON C	BELL SERVICE MANUAL	

- b. Each installed propeller and propeller control shall be maintained in an airworthy condition in accordance with the schedule of maintenance in the following maintenance documents. The propeller and propeller control shall be overhauled on or before the time-in-service interval shown in Table 2.

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FIGURE 84-5-(cont.)

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Table 2

PROPELLER/GOVERNOR MAKE AND MODEL	MAINTENANCE DOCUMENT	TIME-IN-SERVICE INTERVAL HOURS/CALENDAR
(P) MCCAULEY D3A34C40W	CESSNA SERVICE MANUAL D02058-1-13	1600 HRS/5YRS WHICH EVER COMES FIRST
(G) MCCAULEY C16032-1010		1600 HOURS
(P) MCCAULEY 2A34C203	CESSNA SERVICE MANUAL D2027-13	1500 HRS/5YRS WHICH EVER COMES
(G) MCCAULEY C290D3/T15		1800 HOURS

- c. Each rotor installed on the helicopters listed in Table 3 is maintained in an airworthy condition in accordance with the schedule of maintenance functions in the following manufacturer's maintenance documents:

Table 3

HELICOPTER MAKE AND MODEL	MAINTENANCE DOCUMENT
BELL 206B	PAN AMERICAN AIRLINES INC INSPECTION DOCUMENT AAIP-2-2099, DATED 03/21/90

- d. Each item of installed emergency equipment listed in Table 4 is maintained in an airworthy condition in accordance with the schedule of maintenance and inspection functions in the following maintenance documents:

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FIGURE 84-6

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D72. AIRCRAFT MAINTENANCE - GENERAL REQUIREMENTS (01/11/88).

The certificate holder is authorized to conduct operations under Part _____ of the Federal Aviation Regulations using the aircraft identified in the certificate holder's aircraft listing providing the following conditions are met:

- a. Each aircraft authorized for use shall be maintained in accordance with the continuous airworthiness maintenance program and limitations specified in these operations specifications.
- b. 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.
- c. 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.
- d. 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.

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FIGURE 84-8

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D73. APPROVED AIRCRAFT INSPECTION PROGRAM (7/6/87).

The certificate holder is authorized to use each aircraft listed in the following table or on the attached current aircraft listing in Part 135 operations provided each aircraft listed is inspected in accordance with the certificate holder's Approved Aircraft Inspection Program (AAIP).

REGISTRATION NUMBER	AIRCRAFT MAKE/MODEL AND SERIAL NO.
"See the Attached List"	

1. Issued by the Federal Aviation Administration.

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

Robyn McDonough Principal Maintenance Inspector

WAO1

3. Date Approval is effective: MM/DD/YY

Amendment No.: _____

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

Name	Title	Date
------	-------	------

Effective Date: MM/DD/YY

D73-1
Pan American Airlines Inc

Certificate No.: PAAA001A

FIGURE 84-9

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D74. RELIABILITY PROGRAM AUTHORIZATION: ENTIRE AIRCRAFT (7/6/87).

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

AIRCRAFT MAKE/MODEL/SERIES	DOCUMENT NAME AND NUMBER	DOCUMENT DATE
BOEING 737 200	AVOR AIRLINES RELIABILITY AV-13A	07/10/87
BOEING 737 300	AVOR AIRLINES RELIABILITY AV-13A	07/10/87

- a. The program description and the standards for determining maintenance intervals and processes are contained in the certificate holder's document in the table above.
- b. The time limitation 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 COMPUTER PROGRAM DOCUMENT NUMBER AXIS.

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FIGURE 84-9-(cont.)

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

Stephen Burkholder Principal Maintenance Inspector WAO1

3. Date Approval is effective: MM/DD/YY Amendment No.:

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

Name	Title	Date
------	-------	------

Effective Date: MM/DD/YY

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FIGURE 84-10

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D75. RELIABILITY PROGRAM AUTHORIZATION: AIRFRAME, POWERPLANT, SYSTEMS, OR
SELECTED ITEMS (07-06-87).

The certificate holder is authorized to use the provisions of its maintenance reliability program for the airframe, powerplant, systems, or individually selected items identified in the following table.

AIRCRAFT MAKE/MODEL/SERIES	DOCUMENT NAME AND NUMBER	DOCUMENT DATE
BOEING 737 200	AVOR AIRLINE RELIABILITY AV3	06/13/87
PRATT & WHITNEY JT&D	AVOR AIRLINES DOC AV4	06/23/87

- a. The program description and the standards for determining maintenance intervals and processes are contained in the certificate holder's document in the table above.
- b. Airframe, powerplant, systems, or individually selected items controlled by the reliability document shall be identified by an asterisk (*) or other identifier in the time limitation section of the certificate holder's OpSpecs or other document approved by the Administrator and referenced in the time limitations section.

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D75-1

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FIGURE 84-10-(cont.)

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

Russ Unangst

Principal Maintenance Inspector

WAO1

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

Name

Title

Date

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FIGURE 84-11

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D76. SHORT-TERM ESCALATION AUTHORIZATION (07-06-87).

The certificate holder is authorized to use short-term escalation procedures as follows:

- a. Procedures for short-term escalation of maintenance intervals shall be in the certificate holder's manual and are subject to the following limitations:

AIRCRAFT MAKE/MODEL/SERIES	LIMITATIONS
B737 FLEET	AIRCRAFT A&B CHECKS-15 HOURS-TIME-IN-SERVICE AIRCRAFT C CHECKS-50 HOURS-TIME-IN-SERVICE AIRCRAFT D CHECKS-400 HOURS-TIME-IN-SERVICE
MD-80 FLEET	AIRCRAFT 1&2 INSPEC.-15 HOURS-TIME-IN-SERVICE AIRCRAFT 3 INSPEC.-50 HOURS-TIME-IN-SERVICE AIRCRAFT 4 INSPEC.-400 HOURS-TIME-IN-SERVICE

Powerplants and powerplant components or accessories - 10% Not To Exceed 500 hours time-in-service

Airframe components, accessories, and appliances - 10% Not To Exceed 500 hours time-in-service

NOTE: An individual item may be escalated to a higher figure by an extended short-term escalation predicted on justification presented to the assigned FAA principal airworthiness inspector (maintenance or avionics, as applicable) and subject to approval before exceeding the current short-term escalation limitations.

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FIGURE 84-11-(cont.)

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- b. PROHIBITIONS. Short-term escalation procedures do not apply to the following:
 - (1) Intervals specified by FAA Airworthiness Directives.
 - (2) Life limits specified by type certificate data sheets.
 - (3) Limitations specified by minimum equipment lists or configuration deviation lists.
 - (4) Structural sampling periods imposed by maintenance review boards.

1. Issued by the Federal Aviation Administration.

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

William Rau Principal Maintenance Inspector WAO1

3. Date Approval is effective: MM/DD/YY Amendment No.:

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

John Jones Vice President - Maintenance Date:

Effective Date: MM/DD/YY

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FIGURE 84-12

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D77. MAINTENANCE CONTRACTUAL ARRANGEMENT AUTHORIZATION: FOR ENTIRE AIRCRAFT (07-06-87).

The certificate holder is authorized to use the provisions of the contractual agreement listed in the following table for the maintenance of the aircraft listed in accordance with the contractor's approved continuous maintenance program.

CONTRACTOR	CONTRACT NO./DATE	AIRCRAFT MAKE/MODEL/SERIES	RELIABILITY PROGRAM NAME/NO./DATE
STORM AIRLINE, INC.	136/7-15-87	BOEING 727-200	STORM/ST85/5-16-86
	137/7-15-87	DOUG DC9-81, 82	STORM/ST87/5-20-86
	138/7-15-87	DOUG D3-73F	STORM/ST87/5-20-86

- a. The certificate holder is authorized to participate in the contractor's reliability program, identified in the table above with the certificate holder's aircraft included in the contractor's fleet for the purpose of that program. Maintenance intervals and assignment of maintenance processes are controlled by that program.
- b. The certificate holder shall ensure that each component, system, and structure unique to its aircraft is accounted for in the certificate holder's or the contractor's maintenance program.
- c. Each maintenance contract must provide that all maintenance records applicable to the certificate holder's aircraft shall be maintained by the contractor at the maintenance bases identified in the agreements and the certificate holder's manual.
- d. The certificate holder shall forward each maintenance record generated during the term of the agreement to the contractor for inclusion in the records of the certificate holder's aircraft. The certificate holder shall retain a copy of these maintenance records in its files for each aircraft.

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FIGURE 84-12-(cont.)

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- e. The certificate holder shall determine that all replacement components, other than those provided by the contractor which are common to the above-listed aircraft and the contractor's fleet, are evaluated by the contractor to ensure they meet the contractor's standards.
- f. Administration of these agreements and related policies and procedures, including those pertaining to the control of maintenance interval lists, shall be included in the certificate holder's manual.
- g. This agreement provides for the contractor to perform ALL SCHEDULED MAINTENANCE ABOVE THE "A" CHECK, including structural inspection, powerplant shop maintenance in accordance with the contractor's methods, standards, and procedures.
- h. The contractor shall provide the certificate holder with a current copy of the publication and documents relating to the contractor's maintenance program as listed in that agreement and revisions. All maintenance performed by the certificate holder shall be in accordance with those publications and documents.
- i. The authorization for the certificate holder's contractual maintenance arrangements shall be subject to re-evaluation by the FAA if any of the following situations occur:
 - (1) The certificate holder's contractual arrangements are canceled or altered.

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FIGURE 84-13

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D78. MAINTENANCE CONTRACTUAL ARRANGEMENT AUTHORIZATION: FOR SPECIFIC MAINTENANCE (07-06-87).

The certificate holder is authorized to use the provisions of the contractual agreements listed in the following table. Maintenance is limited to those functions listed for the contractor in subparagraph f.

Table 1

CONTRACTOR	CONTRACT NO./DATE	AIRCRAFT MAKE/MODEL/SERIES	POWERPLANT MAKE/MODEL/SERIES
AJAX AIRLINE	32/07-04-87	BOEING 747-200	P&W JT9D-(ALL)
BORON AIRLINE, INC	B47/07-17-87	DOUG DC9-51	P&W JT8D-17
SHARON AIRLINE CO.	21/07-13-87	SNIAS M-298	P&W PT6A-45A

- a. All maintenance accomplished under this authorization shall be in accordance with the contractor's approved maintenance program.
- b. The contractor shall provide the certificate holder with a current copy of the publications and documents relating to the contractor's maintenance as listed in that agreement and revisions.
- c. Maintenance records applicable to work performed under the terms of this agreement shall be maintained by the respective contractor at the maintenance facilities identified in the contract agreement and the certificate holder's manual.
- d. The certificate holder shall maintain a copy of all maintenance records of work performed by the contractor.
- e. Administration of this agreement and related policies and procedures, including those pertaining to the control of maintenance interval limits shall be included in the certificate holder's manual.

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D78-1

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FIGURE 84-13-(cont.)

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- f. The agreements identified in table 1 provide for the performance of the following maintenance functions:

Table 2

CONTRACTOR	MAINTENANCE FUNCTION
AJAX AIRLINE	HOT SECTION INSPECTION (HSI) ENGINE HEAVY MAINTENANCE (EHM)
BORON AIRLINE, INC	HOT SECTION INSPECTION (HSI) ENGINE HEAVY MAINTENANCE (EHM)
SHARON AIRLINE CO.	HOT SECTION INSPECTION (HSI) ENGINE HEAVY MAINTENANCE (MODULAR-E)

- g. In the event this arrangement is canceled, altered, or if the contractor should cease for any reason to provide the services contracted for, the entire program is subject to re-evaluation by FAA.

1. Issued by the Federal Aviation Administration.

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

James Montgomery Principal Maintenance Inspector

WAO1

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

Name

Title

Date

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FIGURE 84-14

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D79. RELIABILITY PROGRAM CONTRACTUAL ARRANGEMENT AUTHORIZATIONS (07-06-87).

The certificate holder is authorized to participate in the following reliability program in accordance with the provisions of the contractual agreements identified in the following table.

CONTRACTOR	CONTRACT NO./DATE	AIRCRAFT/POWERPLANT MAKE/MODEL/SERIES	RELIABILITY PROGRAM NAME/NO./DATE
SAVOR AIRLINE, INC	6/7-15-87	DOUG DC9-81	SAVOR-SA37-7/03/86
AJAX AIRLINE	17/7-30-87	P&W JT9D-(ALL)	AJAX-AN3-11/13/85

- a. The certificate holder's aircraft may be included in the contractor's fleet for the purpose of the reliability program identified in the Table above.
- b. Maintenance intervals and assignment of maintenance processes shall be controlled by the contractor's reliability program.
- c. The authorization for the certificate holder's contractual arrangements shall be subject to re-evaluation by the FAA if any of the following situations occur:
 - (1) The certificate holder's contractual arrangements are canceled or altered.
 - (2) The contractor's reliability program is canceled.
 - (3) The contractor ceases to operate that specific make/model aircraft or engine.
 - (4) The contractor should cease to provide the contracted service for any reason.
 - (5) The contractor's certificate is amended, suspended, revoked, or otherwise terminated.

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D79-1

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FIGURE 84-14-(cont.)

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- (6) When a change in either the operator's or contractor's operational environment adversely affects operational data.

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

Russ Unangst

Principal Maintenance Inspector

WAO1

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

John Jones

Vice President - Maintenance

Date:

Effective Date: MM/DD/YY

D79-2

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FIGURE 84-15

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D80. LEASED AIRCRAFT MAINTENANCE PROGRAM AUTHORIZATIONS: U.S.-REGISTERED AIRCRAFT (07-06-87).

- a. The certificate holder is authorized to maintain the aircraft listed in table 1 in accordance with the lessor's approved maintenance program for the specific make, model, and series aircraft and lease agreements identified in table 1, except as provided for in subparagraph b.

Table 1

AIRCRAFT MAKE/MODEL/SERIES	REG. NUMBER	LESSOR	LEASE DATE
BOEING 747-300	N 1457	LYTTLE AIRLINES INC	07/07/87
BOEING 727-200	N 654	THERMO AIRLINES	07/14/87

- a. The items listed in Table 2 will be maintained in accordance with the certificate holder's (lessee) approved maintenance program.

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D80-1
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FIGURE 84-15-(cont.)

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Table 2

AIRCRAFT MAKE/MODEL/SERIES	ITEMS
BOEING 747-300	1. Life rafts, life vest, slides 2. Preflight inspections 3. "A" checks
BOEING 727-200	1. Life rafts, life vest, slides 2. Preflight inspections

1. Issued by the Federal Aviation Administration.

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

Russ Unangst

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

Name

Title

Date

Effective Date: MM/DD/YY

D80-2

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FIGURE 84-17

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D82. PRORATED TIME AUTHORIZATION: (11-15-87).

The certificate holder is authorized to use the aircraft listed in the following table for which prorated items have been established.

- a. Each aircraft, including its installed powerplants, propellers, and appliances shall be maintained in accordance with the adjusted time identified in the certificate holder's document listed in the table below.

AIRCRAFT MAKE/MODEL/SERIES	REGISTRATION NUMBER	SERIAL NUMBER	PRORATION NUMBER	DOCUMENT DATE
BOEING 707-321	N945	132543	HA45	7/15/87
DOUG DC8-51	N1354	362057	HA46	7/16/87

- b. This authorization remains in effect until the aircraft, its powerplants, propellers, and appliances are inspected and/or overhauled on or before the adjusted time limits listed in the proration document. Thereafter, the aircraft and its powerplants, propellers, and appliances shall be maintained in accordance with the certificate holder's maintenance program and approved time limits.

1. Issued by the Federal Aviation Administration.

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

James Green

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.: ____

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

Name

Title

Date

Effective Date: MM/DD/YY

D82-1

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FIGURE 84-18

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D83. PARTS BORROWING AUTHORIZATION: (7-06-87).

The certificate holder, in time of need, is authorized to use a borrowed part in accordance with the following conditions and limitations:

- a. The borrowed part must be obtained from a certificated Part 121 or Part 135 operator maintaining aircraft under a continuous airworthiness maintenance program.
- b. A borrowed part having a higher time-in-service since overhaul than the certificate holder's approved overhaul time limit may be used as follows:
 - (1) The part must have at least 200 hours time-in-service remaining until overhaul (or 100 landings if the overhaul time limit is controlled by landings) in relation to the lender's overhaul time limit.
 - (2) The part may be used for a time period not to exceed 100 hours time-in-service (or 50 landings if the overhaul time limit is controlled by landings).

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D83-1

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FIGURE 84-18-(cont.)

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- c. The certificate holder shall not use a "life-limited" borrowed part beyond its approved life limit.

1. Issued by the Federal Aviation Administration.

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

Al Michaels

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

John Jones

Vice President - Maintenance

Date:

Effective Date: MM/DD/YY

D83-2

Certificate No.: PAAA001A

Pan American Airlines Inc

FIGURE 84-19

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D84. SPECIAL FLIGHT PERMIT WITH CONTINUOUS AUTHORIZATION TO CONDUCT FERRY FLIGHTS : (7/06/87).

The certificate holder is authorized to conduct ferry flights using a special flight permit with continuous authorization.

- a. This special flight permit with continuous authorization is the certificate holder's authorization to fly any aircraft on its Aircraft List which may not meet applicable airworthiness requirements but is capable of safe flight to a base where the necessary maintenance can be performed.
- b. A copy of this operation 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.
- c. 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 can be performed. 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. A certificated repairman may certify only for the work appropriate to the job for which he or she is employed.
- d. 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.
- e. The operating weight of the aircraft must be the minimum necessary for the flight with necessary reserve fuel load.

Effective Date: MM/DD/YY

D84-1

Certificate No.: PAAA001A

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FIGURE 84-21

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D85. AIRCRAFT LISTING (7-06-87).

- b. The certificate holder is authorized to conduct operations under Part 135 using the aircraft identified on this operations specification or on the attached current aircraft listing.

<u>TYPE</u>	<u>REG. NO</u>	<u>SERIAL NO.</u>
BEECH 200	N5437AN	A200-5321C
CESSNA 421C	N3789F	421C-139874AX
CESSNA 441	N13NA	441-0039601

1. Issued by the Federal Aviation Administration.

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

James Green

Principal Maintenance Inspector

WAO1

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

John Jones

Vice President - Maintenance

Date:

Effective Date: MM/DD/YY

D85-1

Certificate No.: PAAA001A

Pan American Airlines Inc

FIGURE 84-22

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D86. MAINTENANCE PROGRAM AUTHORIZATION FOR TWO-ENGINE AIRPLANES USED IN EXTENDED-RANGE OPERATION (07-06-87).

The certificate holder is authorized to use the airplane listed in table 1 below in extended-range operations subject to the conditions and limitations of these OpSpecs.

TABLE 1

AIRCRAFT/POWERPLANT MAKE/MODEL/SERIES	REG. NO.	DIVERSION TIME (MIN)	
		MEAN	MAXIMUM
BOEING 767 223 ER CF6 80A	N767	90	120
BOEING 737 200 JT8D 7	N737	90	120
AIRBUS A310 300 JT9D 7R4	N630	N/A	75

- a. A separate reliability reporting system must be established for the extended-range fleet.
- b. The certificate holder shall continually assess the propulsion and airframe systems reliability within the extended range fleet in accordance with the progress identified in Table 2.
- c. Items controlled by these programs shall be identified in the certificate holder's manual.

Table 2

AIRCRAFT/POWERPLANT MAKE/MODEL/SERIES	PROGRAM NUMBER	PROGRAM NAME	PROGRAM DATE
BOEING 767 223 ER CF6 80A	AJ 2317	RELIABILITY PROGRAM	7/02/88
	AJ 178	POWERPLANT CONDITION MONITORING PROGRAM	7/02/88
BOEING 737 200 JT8D 7	BG 479	RELIABILITY PROGRAM	4/07/88
	BG 135	POWERPLANT CONDITION MONITORING PROGRAM	4/07/88
AIRBUS A310 300 JT9D 7R4	AB 78	RELIABILITY PROGRAM	6/25/88
	AB 84	POWERPLANT CONDITION MONITORING PROGRAM	6/25/88

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D86-1

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FIGURE 84-22- (cont.)

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- d. The airplanes must meet all requirements for configuration, maintenance, and procedures (CMP) for extended-range operations; as specified in the manufacturer's document or applicable FAA approved configuration, maintenance, and procedures document; and the current and subsequent FAA approved amendments identified in Table 3.

Table 3

AIRCRAFT/POWERPLANT MAKE/MODEL/SERIES	MANUFACTURER'S DOCUMENT		DATE
	NAME	NUMBER	
767 223 ER CF6 80A	BOEING	D6T11604	8/16/85
737 200 JT8D 7	BOEING	D6T11604	4/02/86
A310 300 JT9D 7R4	AIRBUS INDUSTRIES	AI EA3001	5/30/87

1. Issued by the Federal Aviation Administration.

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

Al Michaels Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

Name

Title

Date

Effective Date: MM/DD/YY

D86-2

Certificate No.: PAAA001A

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FIGURE 84-23

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D87. MAINTENANCE PROGRAM AUTHORIZATION FOR LEASED FOREIGN-REGISTERED AIRCRAFT OPERATED BY U.S. AIR CARRIERS (07-06-87).

The certificate holder is authorized to maintain the leased foreign registered aircraft listed below, subject to the conditions and limitations of this operations specification.

Table 1

FOREIGN AIR CARRIER	AIRCRAFT MAKE/MODEL/SERIES	IDENTIFICATION/REGISTRATION NO.	LEASE DATE	MAINTENANCE PROGRAM REV. NO./DATE
(1) SWISS AIR (KSSU)	DOUG DC10 30	X-ALY	7-6-87	7 / 7-10-87
(2) ROYAL DUTCH AIRLINES (KLM) (KSSU)	DOUG DC10 30	KBAC	7-6-87	7 / 7-10-87

- a. The certificate holder is authorized to adopt the foreign air carrier's maintenance programs, for the aircraft identified above, as it's own program.
- b. Each aircraft listed shall be maintained in accordance with the certificate holder's maintenance programs identified in a. above.
- c. Differences and/or exceptions to the maintenance programs identified above are listed in subparagraph h.
- d. All revisions to the maintenance programs identified above must be approved on an individual basis by amending this operations specification paragraph.
- e. The aircraft lease agreement identified in the preceding table shall not be contrary to these OpSpecs, the certificate holder's maintenance program or the Federal Aviation Regulations.

Effective Date: MM/DD/YY

D87-1

Certificate No.: PAAA001A

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FIGURE 84-23-(cont.)

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- f. All maintenance shall be recorded in accordance with the certificate holder's approved program (supplemented as necessary to meet the foreign certifying country's continuing requirements to validate the foreign certificate of airworthiness if applicable).
- g. Weight and balance control shall be accomplished in accordance with the certificate holder's approved weight and balance program.
- h. The differences and/or exceptions to the certificate holder's maintenance program for its foreign-registered aircraft are identified below and will be maintained in accordance with the certificate holder's maintenance program.

Table 2

ATA CHAPTER	PRIMARY MAINTENANCE PROCESS	INSPECTION AND CHECK PERIOD	OTHER
(1) ATA 25. EMERGENCY EQUIPMENT			
Slide Rafts	OC	ABCDE	Repack 24 months or if seal is broken
Life Preservers	OC	ABCDE	Repack 24 months
First Aid Kit	OC	ABCDE	Check contents 12 months
Emergency Medical Kit	OC	ABC	Check contents 12 months
Survival Kit	OC	ABC	Check 24 months
(2) ATA 25. EMERGENCY EQUIPMENT			
Slide Rafts	OC	ABCDE	Repack 24 months or if seal is broken
Life Preservers	OC	ABCDE	Repack 24 months
First Aid Kit	OC	ABCDE	Check contents 12 months
Emergency Medical Kit	OC	ABC	Check contents 12 months
Survival Kit	OC	ABC	Check 24 months

Effective Date: MM/DD/YY

D87-2

Certificate No.: PAAA001A

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FIGURE 84-24

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D88. MAINTENANCE TIME LIMITATIONS (11/15/88).

- 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 MAKE/MODEL/SERIES	MANUAL/DOCUMENT NAME & NUMBER	MANUAL/DOCUMENT DATE
DOUG DC10 30	GENERAL MAINTENANCE MANUAL AAC 3120 VOL 3, CHAPTER 16	11/03/85
BOEING 727 200	MAINTENANCE TIME LIMITATIONS DOCUMENT OF 7439	3/06/87

- b. Each change to an item not controlled by the certificate holder's reliability program must be FAA approved.

1. Issued by the Federal Aviation Administration.

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

John Ousley

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

John Jones

Vice President - Maintenance

Date:

Effective Date: MM/DD/YY

D88-1

Certificate No.: PAAA001A

Pan American Airlines Inc

FAA Form 8400-8 (10-90)

FIGURE 84-25

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D88. MAINTENANCE TIME LIMITATIONS (11/15/88).

- 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 MAKE/MODEL/SERIES	MANUAL/DOCUMENT NAME & NUMBER	MANUAL/DOCUMENT DATE
SEE ATTACHED LIST		

- b. Each change to an item not controlled by the certificate holder's reliability program must be FAA approved.

-
1. The Certificate Holder applies for the Operations Specifications in this paragraph.
 2. Supporting information reference: Maintenance Document AFG-3619, dated 09/09/90
 3. These Operations Specifications are approved by direction of the Administrator

Pennie Thompson

Principal Avionics Inspector

WA01

4. Date Approval is effective: MM/DD/YY

Amendment No.:

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

John Jones

Vice President - Maintenance

Date:

Effective Date: MM/DD/YY

D88-1

Certificate No.: PAAA001A

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FIGURE 84-26

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D89. MAINTENANCE TIME LIMITATIONS SECTION (10/05/90).

- 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, or listed in a document(s) which is an attachment to this paragraph:

AIRCRAFT MAKE/MODEL/SERIES	MANUAL/DOCUMENT NAME & NUMBER	MANUAL/DOCUMENT DATE
DOUG DC10 30	GENERAL MAINTENANCE MANUAL AAC 3120 VOL 3, CHAPTER 16	11/03/85
BOEING 727 200	MAINTENANCE TIME LIMITATIONS DOCUMENT OF 7439	3/06/87

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

1. Issued by the Federal Aviation Administration.

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

James Green

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

John Jones

Vice President - Maintenance

Date:

Effective Date: MM/DD/YY

D89-1

Certificate No.: PAAA001A

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FIGURE 84-28

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D90. COORDINATING AGENCIES FOR SUPPLIERS EVALUATION (C.A.S.E.) (12/07/90)

The certificate holder is authorized to utilize C.A.S.E. as a means of qualifying a vendor for services, parts, and materials to satisfy the requirements of section 121.373 or 135.431.

- a. C.A.S.E. activities shall be conducted in accordance with the most current revision of the C.A.S.E. air carrier section policy and procedures manual and the certificate holder's manual system. Contents of the C.A.S.E. manual shall not conflict with the FAR or the certificate holder's manual system.
- b. The certificate holder retains primary responsibility for the airworthiness of parts and material processed through any approved vendor or contractor approved for use by the certificate holder and for services rendered to the certificate holder.
- c. Should the air carrier section of C.A.S.E. cease to exist or function or should the certificate holder cease to maintain an active sustaining membership, this authorization is canceled.

1. Issued by the Federal Aviation Administration.

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

Pennie Thompson

Principal Avionics Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

Name

Title

Date

Effective Date: MM/DD/YY

D90-1

Certificate No.: PAAA001A

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FIGURE 84-29

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D95. MINIMUM EQUIPMENT LIST AUTHORIZATION (12/07/90). The certificate holder is authorized to use an approved Minimum Equipment List (MEL) for the aircraft listed in paragraph A3 of these OpSpecs provided the conditions and limitations of this paragraph are met.

- a. Maximum Times Between Deferral and Repair. Except as provided in subparagraph c, 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 one hundred twenty (120) consecutive calendar days (2880 hours), excluding the 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 (2880 hours), excluding the day the malfunction was recorded in the aircraft maintenance log and/or record.
- b. 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:

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FIGURE 84-29-(cont.)

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- (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 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.
 - (5) Procedures for controlling the extensions to specified maximum repair intervals as permitted by subparagraph c, to include the limit of the extension, documentation of the reason for the extension, and the procedures to be used for authorizing extensions.
- c. 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 and D items as specified in the approved MEL. The Flight Standards District Office may deny the use of this continuing authorization if abuse is evident.

1. Issued by the Federal Aviation Administration.

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

Russ Unangst

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

Name

Title

Date

Effective Date: MM/DD/YY

D95-2

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FIGURE 84-30

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D95. MINIMUM EQUIPMENT LIST AUTHORIZATION (12/07/90). 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.

AIRCRAFT MAKE/MODEL/SERIES	
DeHavilland	DHC-6
Cessna	Series
Piper PA-31	Series

- b. Maximum Times Between Deferral and Repair. Except as provided in subparagraph d, the certificate holder shall have items repaired within the time intervals 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) 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 (2880) hours, excluding the day the malfunction was recorded in the aircraft maintenance log and/or record.

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D95-1

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FIGURE 84-30-(cont.)

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- c. MEL Management Program. The certificate holder shall develop and maintain a comprehensive program for managing and the repair of items listed in the approved MEL. The certificate holder shall include in 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.
 - (5) Procedures for controlling extensions to specified maximum repair intervals as permitted by subparagraph d, to include the limit of the extension, documentation of the reason for the extension, and the procedures to be used for the authorizing extensions.

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D95-2

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FIGURE 84-30-(cont.)

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- 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 as specified in the approved MEL. The Flight Standards District Office may deny the use of this continuing authorization if abuse is evident.

1. Issued by the Federal Aviation Administration.

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

William Eyre

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.:

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

John Jones

Vice President - Maintenance

Date:

Effective Date: MM/DD/YY

D95-3
Pan American Airlines Inc

Certificate No.: PAAA001A

FIGURE 84-31

TABLE OF CONTENTS

PART E - WEIGHT AND BALANCE

	CONTROL DATE	EFFECTIVE DATE
*E96. WEIGHT AND BALANCE CONTROL PROCEDURES.....	02/10/89	05/10/90
E97. 		
E98. — RESERVED		
E99. 		
E100. 		

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FIGURE 84-32

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E96. WEIGHT AND BALANCE CONTROL PROCEDURES (07/06/87).

The following procedures have been established to maintain control of weight and balance of the certificate holder's aircraft operated under the terms of these specifications (identified below) and to ensure that these aircraft are loaded within the gross weight and center of gravity limitations:

- a. Procedures by which either actual or approved average passenger and crew weights may be used are in the operator's weight and balance control program.
- b. Procedures by which either actual or approved average baggage weights may be used are in the operator's weight and balance control program.
- c. The actual passenger and baggage weights shall be used in computing the weight and balance of charter flights and other special service involving the carriage of special groups.
- d. All aircraft shall be weighed in accordance with the procedures for establishing individual or fleet aircraft weights outlined in the operator's weight and balance control program.
- e. The following loading schedules and instructions shall be used for routine operations:

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FIGURE 84-32-(cont.)

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- e. The following loading schedules and instructions shall be used for routine operations:

AIRCRAFT MAKE/MODEL/SERIES	TYPE OF LOADING SCHEDULE	LOADING SCHEDULE INSTRUCTIONS	WEIGHT AND BALANCE CONTROL PROCEDURES
DOUG DC10 40	TABULAR OR INDEX OR COMPUTER	IDENTIFY LOCATION (E.G., MANUAL CHAPTER, SECTION)	WEIGHT AND BALANCE CONTROL MANUAL W475

1. Issued by the Federal Aviation Administration.

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

Russ Unangst

Principal Maintenance Inspector

WA01

3. Date Approval is effective: MM/DD/YY

Amendment No.: ____

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

John Jones

Vice President - Maintenance

Date: _____

Effective Date: MM/DD/YY

E96-2
Pan American Airlines Inc

Certificate No.: PAAA001A

FAA Form 8400-8 (10-90)

FIGURE 84-33

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E96. WEIGHT AND BALANCE CONTROL PROCEDURES (11/15/88).

The following procedures have been established to maintain control of weight and balance of the certificate holder's aircraft operated under the terms of these specifications (identified below) and to ensure that these aircraft are loaded within the gross weight and center of gravity limitations:

- a. Procedures by which either actual or approved average passenger and crew weights may be used are in the operator's weight and balance control program.
- b. Procedures by which either actual or approved average baggage weights may be used are in the operator's weight and balance control program.
- c. The actual passenger and baggage weights shall be used in computing the weight and balance of charter flights and other special service involving the carriage of special groups.
- d. All aircraft shall be weighed in accordance with the procedures for establishing individual or fleet aircraft weights outlined in the operator's weight and balance control program.
- e. The following loading schedules and instructions shall be used for routine operations:

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FIGURE 84-33-(cont.)

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AIRCRAFT MAKE/MODEL/SERIES	TYPE OF LOADING SCHEDULE	LOADING SCHEDULE INSTRUCTIONS	WEIGHT AND BALANCE CONTROL PROCEDURES
PIPER PA31 SERIES	INDEX	COMPANY GENERAL OPERATION'S MANUAL CH.8	COMPANY GENERAL OPERATION'S MANUAL CH.8
PIPER PA31P	TABULAR	WEIGHT & BALANCE CONTROL MANUAL NO.AFC-9	WEIGHT & BALANCE CONTROL MANUAL NO.AFC-9
CESSNA T210 SERIES	--	--	ACTUAL WEIGHTS WEIGHT & BALANCE CONTROL MANUAL AFC-10
CESSNA 182 SERIES	--	--	ACTUAL WEIGHTS GENERAL MANUAL CHAPTER 9

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

William Eyre Principal Maintenance Inspector WAO1

3. Date Approval is effective: MM/DD/YY Amendment No.: _____

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

Name Title Date

Effective Date: MM/DD/YY E96-2 Certificate No.: PAAA001A
Pan American Airlines Inc

FIGURE 84-34

COMPANY LETTER HEAD

MAINTENANCE TIME LIMITATIONS
INDEX
(AIRCRAFT MAKE AND MODEL)

<u>SUBJECT</u>	<u>PAGE</u>	<u>AMENDMENT</u>	<u>CONTROL DATE</u>
Index	1	2	07/06/87
Abbreviations and Definitions	2	original	03/04/86
Checks and inspections	3	original	03/04/86
Checks and inspections	4	original	03/04/86
Checks and inspections	5	original	03/04/86
Checks and inspections	6	original	03/04/86
Checks and inspections	7	original	03/04/86
Checks and inspections	8	original	03/04/86
Checks and inspections	9	original	03/04/86
Checks and inspections	10	original	03/04/86
Chapter 53. Fuselage	11	deleted	07/06/87
Checks and inspections	12	original	03/04/86
Chapter 57. Wings	13	deleted	07/06/87
Checks and inspections	14	original	03/04/86
Chapter 72. Engine Turbine	15	original	03/04/86
Chapter 72. Engine Turbine	15-1	original	07/06/87
Chapter 73. Engine Fuel	16	original	03/04/86

Additional pages added to the Time Limitations Section are to be numbered as illustrated and continue in sequence i.e. 15-2, 15-3, etc. for all chapters which have pages added.

NOTE: Numerical sequence must be retained as indicated for all deleted pages in order to maintain the page control system.

FIGURE 84-35

FIGURE 84-35**COMPANY LETTER HEAD**

**MAINTENANCE TIME LIMITATIONS
ABBREVIATIONS & DEFINITIONS
(AIRCRAFT MAKE AND MODEL)**

PART D

1. All references to days and months are considered Calendar days and months as applicable.

BET: Bench Test	RAR: Remove and Replace
CLN: Clean	ROC: Readout
CM : Condition Monitoring	RPL: Replenish
DIS: Detailed Inspection	SC : Service Check
DRN: Drain	SI : Structural Inspection
EC : Engine Change	STS: Self Test
EO : Engine Overhaul	SVC: Service
FCK: Functional Check	TAA: Test and Adjust
HMV: Heavy Maintenance Visit	ULT: Ultimate Finite
HT : Hard Time	VCK: Visual Check
LUB: Lube	VIS: Visual Inspection
M : Calendar Months	
OC : On Condition	VSW: Voltage Standing Wave Radio
OCK: Operational Check	
OVH: Overhaul	

NOTE: Some deficiencies need an explanation, such as bench check, functional check, visual check, visual inspection, detailed inspection, overhaul, etc.

FIGURE 84-35-(cont.)**COMPANY LETTER HEAD****MAINTENANCE TIME LIMITATIONS
CHECKS AND INSPECTIONS
(AIRCRAFT MAKE AND MODEL)**

PART D

INSPECTION/CHECK REQUIREMENTS:

Check shall be accomplished in accordance with applicable procedures as listed in the Maintenance Manual.

"SC" Service Check:

A service check shall be performed at intervals not exceeding ___ hours-time in service.

"A" INSPECTION/CHECK:

The "A" Inspection/Check shall be performed at intervals not exceeding ___ hours aircraft time in service or _____ months whichever occurs first since the last "A", "B", "C", "D", or "E" check in accordance with applicable procedures in Maintenance Manual Section _____.

"B" INSPECTION/CHECK:

The "B" Inspection/Check shall be performed at intervals not exceeding ___ hours aircraft time in service or _____ months whichever occurs first since the last "B", "C", "D", or "E" check in accordance with applicable procedures in Maintenance Manual Section _____.

"C" INSPECTION/CHECK:

The "C" Inspection/Check shall be performed at intervals not exceeding ___ hours aircraft time in service or _____ months whichever occurs first since the last "C", "D", or "E" check in accordance with applicable procedures in Maintenance Manual Section _____.

"D" INSPECTION/CHECK

The "D" Inspection/Check shall be performed at intervals not exceeding _____ hours time in service or _____ months whichever occurs first since the last "D" or "E" check in accordance with applicable procedures in Maintenance Manual Section _____.

"E" INSPECTION/CHECK

The "E" Inspection/Check shall be performed at intervals not exceeding ___ hours aircraft time in service or _____ months whichever occurs first since the last "E" check in accordance with applicable procedures in Maintenance Manual Section _____.

FIGURE 84-35-(cont.)**COMPANY LETTER HEAD**

**MAINTENANCE TIME LIMITATIONS
CHECKS AND INSPECTIONS
(AIRCRAFT MAKE AND MODEL)**

PART D

STRUCTURAL INSPECTIONS

5000 FLIGHT STRUCTURAL INSPECTION shall be performed at intervals not exceeding 5000 flights until 20,000 flights and thereafter at 3000 flights.

1200 HOUR STRUCTURAL INSPECTION shall be performed at intervals not exceeding 1200 hours time in service or 6 months, whichever occurs first, since the last 1200 Hour Structural Inspection.

2400 HOUR STRUCTURAL INSPECTION shall be performed at intervals not exceeding 2400 hours time in service or 12 months, whichever occurs first, since the last 2400 Hour Structural Inspection.

3600 HOUR STRUCTURAL INSPECTION shall be performed at intervals not exceeding 3600 hours time in service or 18 months, whichever occurs first, since the last 3600 Hour Structural Inspection.

4800 HOUR STRUCTURAL INSPECTION shall be performed at intervals not exceeding 4800 hours time in service or 24 months, whichever occurs first, since the last 4800 Hour Structural Inspection.

9600 HOUR STRUCTURAL INSPECTION shall be performed at intervals not exceeding 9600 hours time in service or 48 months, whichever occurs first, since the last 9600 Hour Structural Inspection.

The structural inspections identified above shall be performed in accordance with _____.

Service life limits contained in the approved Maintenance Manual Document _____ Chapter _____, as revised will be adhered to.

Service life limits contained in _____ Service Letter No. _____ as revised will be adhered to.

Service life limits contained in Pratt and Whitney Service Bulletin _____ as revised (Engine Turbine/Turboprop Rotor Components-Service Life) will be adhered to.

All condition monitored (CM) items will be maintained in accordance with the Maintenance Evaluation Program as outlined in Section _____ of _____ Airlines, inc. General Maintenance Manual.

FIGURE 84-35-(cont.)

COMPANY LETTER HEAD

**MAINTENANCE TIME LIMITATIONS
CHECKS AND INSPECTIONS
(AIRCRAFT MAKE AND MODEL)**

PART D

Major Components of ATA Systems 22 autopilot, 23 communications, 24 electrical, 31 instrument, 33 lighting, 34 navigational, and 77 engine instruments shall be identified by name, manufacturer, and either a model number, part number, or other specific designator used by the carrier on the appropriate inspection frequency and overhaul page.

FIGURE 84-35-(cont.)

COMPANY LETTER HEAD

MAINTENANCE TIME LIMITATIONS
 INSPECTION FREQUENCY AND OVERHAUL
 (AIRCRAFT MAKE AND MODEL)

PART D

	<u>PRIMARY MAINTENANCE PROCESS</u>	<u>INSPECTION & CHECK PERIOD</u>	<u>OTHER</u>
<u>Chapter 21 Air Conditioning</u>	OC	ABCDE	VIS
Air Bleed Compressor to Air Cycling Machine Ducting	CM		
Flight Deck and Passenger Cabin Temperature Control	CM		
Shut Off Valve	CM		
Low Pressure Switch	OC	E	FCK
High Pressure Switch	OC	E	FCK
Check Value	OC	E	FCK
Shut Off Valve	CM		
Dual By Pass Valve (cabin)	CM		
Bypass Valve (flight deck)	CM		
Main Fan	CM		
Over Temperature Switch	OC	E	FCK
Spar Box Overheat Thermistor	OC	E	FCK
Heat Exchanger	CM		

FIGURE 84-35-(cont.)**COMPANY LETTER HEAD**

**MAINTENANCE TIME LIMITATIONS
INSPECTION FREQUENCY AND OVERHAUL
(AIRCRAFT MAKE AND MODEL)**

PART D

	<u>PRIMARY MAINTENANCE PROCESS</u>	<u>INSPECTION & CHECK PERIOD</u>	<u>OTHER</u>
<u>Chapter 21 Air Conditioning</u> (Cont'd)	OC	ABCDE	VIS
Air Cycling Machine	OC	2B	SVC-drain and replenish with new oil
Over Temperature Switch (cabin)	OC	E	KK
Over Temperature Switch (flight deck)	OC	E	KK
Duct Temperature Sensor	CM		
Temperature Sensor	CM		
Temperature Sensor	CM		
Temperature Controller (cabin)	CM		
Temperature Controller (flight deck)	CM		
Water Separator	CM	See Note 1	
NOTE 1: Fog in cabin will determine separator condition. Clean and check Bypass Valve.			
<u>Chapter 23 COMMUNICATIONS</u>	OC	A,B,C	Fixed
Radio Installation	OC	C	
Isolation Amplifier Telephonics AI-27	OC	C	BET 2000
Transceiver HF Collins 618T-2	OC	C	
Control, VHF Comm Gables G-4817	OC	C	
Cockpit Voice Recorder Fairchild A-100	OC	C	
<u>Chapter 31 INSTRUMENTS</u>			
Flight Data Recorder BET (Fairchild P/N 15630-601)	OC	A,B,C	
Clock (Elgin A-3)	OC	A	

FIGURE 84-35-(cont.)

COMPANY LETTER HEAD

MAINTENANCE TIME LIMITATIONS
 INSPECTION FREQUENCY AND OVERHAUL
 (AIRCRAFT MAKE AND MODEL)

PART D

	PRIMARY MAINTENANCE PROCESS	INSPECTION & CHECK PERIOD ABCDE	OTHER VIS
<u>Chapter 26 Fire Protection</u>	OC		
<u>Smoke Detection</u>			
Smoke Sensor	OC	C	CLN
Smoke Detector Amplifier	OC	SC	STS
<u>Fire Detection(Engine)</u>	OC	E	FCK-Note 1
		D	FCK-Note 2
Sensor	OC	E	FCK-Note 1
		D	FCK-Note 2
Wire Fire Detection	OC	E	FCK-Note 1
		D	FCK-Note 2
Fire Warning Bell	CM		
Automatic Integrity Monitor	OC	D	FCK-Note 2
		B	FCK
<u>Fire Extinguishing</u>			
Extinguisher	HT	*	SVC-Weight Check
		*	OVH-Include hydrostatic pressure test
Unit Cartridge	HT	Note 3	RAR
Pressure Relief Indicator	OC	SC	VCK
Directional Flow Valve	OC	E	FCK
Hand Type Extinguisher	HT	*	SVC-Weight Check
			OVH-Include hydrostatic pressure test

* Inspections, hydrostatic test, and life limits will be accomplished as set forth in 49 CFR part 173 currently in effect.

- NOTE 1: Heat test detector wire
 2: Electrical Check
 3: A cartridge must be removed from service two years after removal from its sealed package or five years from date of manufacture whichever expires first.

FIGURE 84-35-(cont.)**COMPANY LETTER HEAD**

**MAINTENANCE TIME LIMITATIONS
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<u>Chapter 55 Stabilizers</u>	<u>PRIMARY MAINTENANCE PROCESS</u>	<u>INSPECTION & CHECK PERIOD</u>	<u>OTHER</u>
	OC	ABCDE	VIS
Horizontal	OC	4800 hrs.	VIS
	OC	9600 hrs.	VIS
Elevator	OC	4800 hrs.	VIS
Vertical	OC	4800 hrs.	VIS
		9600 hrs.	VIS
Rudder	OC	4800 hrs.	VIS
Attach Fittings	OC	4800 hrs.	VIS

FIGURE 84-35-(cont.)**COMPANY LETTER HEAD**

**MAINTENANCE TIME LIMITATIONS
INSPECTION FREQUENCY AND OVERHAUL
(AIRCRAFT MAKE AND MODEL)**

PART D

	<u>PRIMARY MAINTENANCE PROCESS</u>	<u>INSPECTION & CHECK PERIOD</u>	<u>OTHER</u>
<u>Chapter 72 Engine</u>	OC	ABC	VIS
Engine Turbo Prop (Type)	HT	ABC	OVH 4000 hrs.
Hot Section	HT	ABC	HSI 1250 hrs.